

Application of SAN DIEGO GAS & ELECTRIC  
COMPANY (U 902 E) For Authority To  
Update Marginal Costs, Cost Allocation,  
And Electric Rate Design.

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Application: 15-04-012  
Exhibit No.: SDG&E-12

**PREPARED REBUTTAL TESTIMONY OF**  
**CHRISTOPHER SWARTZ**  
**ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**  
**CHAPTER 2**  
**BEFORE THE PUBLIC UTILITIES COMMISSION**  
**OF THE STATE OF CALIFORNIA**

August 30, 2016



**TABLE OF CONTENTS**

- I. OVERVIEW AND PURPOSE.....1
- II. UPDATES TO PROPOSED RATES .....3
  - A. Distribution .....6
    - 1. Customer Cost Recovery through Monthly Service Fee (“MSF”) .....6
    - 2. Distribution Demand Cost Recovery..... 10
  - B. Commodity ..... 11
    - 1. Generation Capacity Cost Recovery..... 11
    - 2. TOU and Dynamic Pricing Commodity Options ..... 14
  - C. Updates to Proposed Rate Options ..... 16
- III. SMALL COMMERCIAL RATE DESIGN..... 19
  - A. Monthly Service Fees (“MSF”) .....20
    - 1. Customers Will Need Sufficient Time to Access and Make Educated Choices with Regards to Their Rate Options.....21
    - 2. Customers Already Will be Experiencing Both Rate Increases and Time-of-Use (“TOU”) Period Changes .....22
    - 3. Customers Will Have Less Control Over Monthly Bills.....23
    - 4. Customers are Less Rewarded for Conserving the Same Amount of Energy .....23
    - 5. Increased Fixed Charge Trades Bill “Stability” for Higher Bills .....23
  - B. Milder TOU-Critical Peak Pricing (“CPP”) Proposal .....25
    - 1. Milder TOU Differentials .....26
    - 2. Milder CPP-D Proposal .....26
  - C. Two-Period TOU Rate Option for Small Commercial Customers.....27
  - D. A-TOU Proposal .....29
- IV. M/L C&I RATE DESIGN.....32
  - A. MSF for Substation Rates .....32
  - B. Schedule DG-R De-linking from AL-TOU .....34

V.	AGRICULTURAL RATE DESIGN .....	36
A.	Fixed Charges for Schedule TOU-PA .....	36
B.	Two-Period TOU Rate Option for Small Agricultural Customers .....	37
C.	NCD for Schedule TOU-PA and New Cost-Based Agricultural Rate Option .....	39
D.	On-Peak Demand Charge Options for Schedule PA-T-1 .....	42
VI.	STREET LIGHT RATE DESIGN.....	44
A.	City of Mission Viejo/CALSLA – 15 Years for Class C .....	46
B.	SDG&E Street Lighting Models.....	48
C.	Dimmable Street Light Rate Design and Costs .....	50
1.	Implementations Costs.....	51
2.	Required Changes to SDG&E Systems .....	54
3.	Information Technology (“IT”) Software Development .....	58
4.	Labor Loader Costs.....	61
5.	IT Hardware Costs and Allowance for Funds Used During Construction (“AFUDC”) Costs .....	62
6.	Implementation Cost Recovery .....	63
7.	Ongoing Maintenance Costs.....	64
8.	Ongoing Maintenance Cost Recovery .....	66
9.	Inventory Management Process.....	67
10.	Implementation and Ongoing Maintenance Fee Structure .....	68
11.	Ancillary Devices Monthly Service Fee (“MSF”).....	69
VII.	OTHER RATE DESIGN REBUTTAL .....	70
A.	Under/Over Collection Proposal.....	71
B.	Bill Impacts Data Provided to the City of San Diego.....	72
VIII.	SUMMARY AND CONCLUSION .....	73
	ATTACHMENT A .....	A-1
	ATTACHMENT B .....	B-1

ATTACHMENT C .....	C-1
ATTACHMENT D .....	D-1
ATTACHMENT E .....	E-1
ATTACHMENT F .....	F-1
ATTACHMENT G .....	G-1
ATTACHMENT H.....	H-1
ATTACHMENT I .....	I-1
ATTACHMENT J.....	J-1
ATTACHMENT K.....	K-1
ATTACHMENT L .....	L-1
ATTACHMENT M .....	M-1
ATTACHMENT N .....	N-1
ATTACHMENT O .....	O-1



1 **PREPARED REBUTTAL TESTIMONY OF**

2 **CHRISTOPHER SWARTZ**

3 **CHAPTER 2**

4 **I. OVERVIEW AND PURPOSE**

5 The purpose of my rebuttal testimony is to respond to the prepared direct testimony  
6 submitted by intervening parties in San Diego Gas & Electric’s (“SDG&E”) 2016 General  
7 Rate Case (“GRC”) Phase 2 Application (“A.”) 15-04-012) on rate design issues. In this  
8 testimony, I will address rate design recommendations presented by the following parties:

- 9 • Office of Ratepayer Advocates (“ORA”) witness Nathan Chau
- 10 • Federal Executive Agencies (“FEA”) witness Maurice Brubaker
- 11 • California Farm Bureau Federation (“Farm Bureau”) witnesses Laura Norin and  
12 Brandon Charles
- 13 • Solar Energy Industries Association (“SEIA”) witness R. Thomas Beach
- 14 • California City-County Street Light Association (“CALSLA”) witness  
15 Alison Lechowicz
- 16 • City of San Diego (“CSD”) witness William Monsen
- 17 • City of Mission Viejo (“CMV”) witness Michael Kerkorian

18 I will no longer be addressing issues related to revenue allocations, which are now being  
19 addressed by SDG&E witness Cynthia Fang. Further, my rebuttal testimony updates the  
20 starting point from the then-current rates effective November 1, 2015 to the current rates  
21 effective August 1, 2016<sup>1</sup> as well as the updates to marginal cost studies, revenue allocations  
22 and sales identified in the rebuttal testimony of Ms. Fang. Rate design policy issues, such as

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<sup>1</sup> SDG&E Advice Letter (“AL”) 2922-E.

1 Time-of-Use (“TOU”) period definitions, Residential Rate Reform efforts in Rulemaking  
2 (“R.”) 12-06-013 and the structure and appropriateness of fixed charges and demand  
3 charges, are addressed in the rebuttal testimony of Ms. Fang.

4 My rebuttal testimony is organized as follows:

- 5 • Section II – Updates to Proposed Rates
- 6 • Section III – Small Commercial Rate Design
- 7 • Section IV – Medium/Large Commercial & Industrial (“M/L C&I”) Rate Design
- 8 • Section V – Agricultural Rate Design
- 9 • Section VI – Street Light Rate Design
- 10 • Section VII – Other Rate Design Rebuttal

11 My rebuttal testimony also contains the following attachments:

- 12 • Attachment A - Present Rates
- 13 • Attachment B – Proposed Rates for Year 1
- 14 • Attachment C – Illustrative Bill Impacts for Year 1
- 15 • Attachment D – Proposed Rates for Year 2
- 16 • Attachment E – Illustrative Bill Impacts for Year 2
- 17 • Attachment F – Proposed Rates for Year 3
- 18 • Attachment G – Illustrative Bill Impacts for Year 3
- 19 • Attachment H – Comparison of Present and Proposed Rates for Year 1
- 20 • Attachment I – Comparison of Present and Proposed Rates for Year 2
- 21 • Attachment J – Comparison of Present and Proposed Rates for Year 3
- 22 • Attachment K – Cumulative Illustrative Bill Impacts

- 1 • Attachment L –Comparison of Direct Testimony and Rebuttal Testimony Rates  
2 for Year 1
- 3 • Attachment M –Comparison of Direct Testimony and Rebuttal Testimony Rates  
4 for Year 2
- 5 • Attachment N –Comparison of Direct Testimony and Rebuttal Testimony Rates  
6 for Year 3
- 7 • Attachment O – Compliance Requirement to present Schedule A-TC as a  
8 separate class

9 **II. UPDATES TO PROPOSED RATES**

10 As discussed in the Rebuttal Testimony of Ms. Fang, my rebuttal testimony presents  
11 SDG&E’s proposed rates, updating the reference point for the then-current rates effective  
12 November 1, 2015 to current rates effective August 1, 2016. The bill impacts presented in  
13 this testimony in Attachments C, E, G, and K also have been updated to reflect more recent  
14 customer usage, and as such, now reflect an annual time period of June 2015 through May  
15 2016 compared to the February filing, which applied 2013 historical data for Schedules A6-  
16 TOU, AD, AY-TOU and PAT-1; 2014 historical data for Schedules AL-TOU, DGR, TOU-  
17 A, TOU-PA, DR and DRLI; and 2015 historical data for Schedules LS-1, LS-2, LS-3, OL-1,  
18 and OL-2.

19 In addition, in the development of this rebuttal, two errors were identified in my  
20 February 9, 2016 prepared direct testimony and corrected in this rebuttal testimony.

- 21 • The first correction is to Table CS-17 of my direct testimony wherein for M/L  
22 C&I customers taking primary substation service at greater than 12 MW, a 20%  
23 increase in the MSF over a three-year period would lead to recovery of over

1 100% of the costs in the MSF (103.1%) in Year 3.<sup>2</sup> This error was corrected to  
2 reach 100% in Year 3. SDG&E's proposal to move towards cost-based rates is  
3 to increase the MSF for M/L C&I customers 20% a year over a three-year period  
4 not to exceed 100% cost-based levels. This correction is presented in Table CS-3  
5 further in this rebuttal as well as Attachments H, I, L and O for M/L C&I  
6 customers taking primary substation service at greater than 12 MW on Schedules  
7 AL-TOU and A6-TOU.

- 8 • The second correction was to address issues with Schedule AD-TOU where 1)  
9 the MSF determinants were not separately differentiated for primary and  
10 secondary voltage levels for Distribution EPMC, 2) the transmission energy rates  
11 were omitted from the rates for primary service on this schedule and 3) the  
12 transmission energy rates were omitted in the off-peak and super off-peak winter  
13 rates for secondary service on this schedule.

14 Table CS-1 below presents and compares the Current and updated Class Average  
15 and System Average Total rates for Year 1, Year 2 and Year 3, which reflect the updated  
16 changes discussed above to the rates presented in this rebuttal testimony.  
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<sup>2</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-25.

**Table CS-1: Class Average and System Average Rates Comparison**

	Current (cents/kWh)	Year 1 (cents/kWh)	% Change from Current	Year 2 (cents/kWh)	% Change from Current	Year 3 (cents/kWh)	% Change from Current
Residential <sup>3</sup>	22.647	24.399	7.74%	24.965	10.24%	25.717	13.56%
Small Commercial	22.513	21.873	-2.84%	22.806	1.30%	23.819	5.80%
M/L C&I	18.753	18.850	0.52%	18.367	-2.06%	17.999	-4.02%
Agricultural	16.547	17.476	5.61%	17.379	5.03%	17.380	5.03%
Lighting	18.780	21.802	16.09%	22.723	21.00%	23.667	26.02%
System Total	20.527	21.172	3.14%	21.253	3.54%	21.457	4.53%

SDG&E provides updated rates for the following distribution and commodity rate design changes reflecting movement towards more cost-based rates: (1) SDG&E’s proposal for a transition path for moving business customers’ Monthly Service Fee (“MSF”) towards greater recovery of distribution customer costs; (2) SDG&E’s proposal for a transition path to move the recovery of distribution demand charges towards 100% non-coincident demand (“NCD”) for customers with distribution demand charges; (3) SDG&E’s proposal for a transition path to move the recovery of peak generation capacity costs towards greater recovery through a peak demand charge for customers with commodity on-peak demand charges; and (4) SDG&E’s proposal for a transition path to move the on-peak/off-peak ratios towards cost-based levels for the TOU energy rates of both Small Commercial and Small Agricultural (< 20 kW) customers. The updated rates are discussed in more detail below and compared with the rates previously presented in my direct testimony.

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<sup>3</sup> Includes residential California Climate Credit, which is received semi-annually.

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**A. Distribution**

1. Customer Cost Recovery through Monthly Service Fee (“MSF”)

As demonstrated in my direct testimony, the MSF for all customer classes is not at cost-based levels. As such, SDG&E is proposing a three-year transition path beginning in Year 1 to move the recovery of distribution customer costs towards a more cost-based MSF for Small Commercial, M/L C&I and Agricultural customers.<sup>4</sup> This increase in MSF will result in a compensating decrease to distribution energy rates or distribution demand charges for non-residential customers. For Small Commercial customers, SDG&E proposes to increase the MSFs beginning in Year 1 by 33% each year for three years. For M/L C&I customers, SDG&E proposes to increase the MSFs beginning Year 1 by 20% each year for three years. For Agricultural customers, SDG&E proposes to increase the MSFs beginning Year 1 by 20% each year for three years. These increases would all occur over a three-year period but not to exceed the cost-based levels identified in my testimony.

Table CS-2 compares current non-residential MSFs with updated cost-based distribution customer costs and shows the current percentage of customer costs recovered in an MSF, as previously presented in Table CS-16 of my direct testimony.

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<sup>4</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-22, lines 9-11.

**Table CS-2: Current Percentage of Recovery of Customer Costs in an MSF**

	Direct Cost-based MSF (\$/month)	Rebuttal Cost-based MSF (\$/month)	Current MSF (\$/month)	Percentage of Current Recovery of Customer Costs in MSF (%)
<b>Residential</b>	\$ 16.61	\$ 20.77	\$ -	0.0%
<b>Small Commercial</b>				
<i>Secondary</i>				
0-5 kW	\$ 35.69	\$ 44.19	\$ 7.00	15.8%
5-20 kW	\$ 65.42	\$ 80.40	\$ 12.00	14.9%
20-50 kW	\$ 138.01	\$ 168.32	\$ 20.00	11.9%
> 50 kW	\$ 192.27	\$ 233.47	\$ 50.00	21.4%
<i>Primary</i>				
0-5 kW	\$ 90.59	\$ 107.28	\$ 7.00	6.5%
5-20 kW	\$ 90.59	\$ 107.28	\$ 12.00	11.2%
20-50 kW	\$ 90.59	\$ 107.28	\$ 20.00	18.6%
> 50 kW	\$ 193.39	\$ 221.12	\$ 50.00	22.6%
<b>M/L C&amp;I</b>				
<i>≤ 500 kW</i>				
<i>Secondary</i>	\$ 256.00	\$ 310.34	\$ 116.44	37.5%
<i>Primary</i>	\$ 124.65	\$ 150.50	\$ 31.40	20.9%
<i>Secondary Substation</i>	\$43,700.64	\$ 68,388.96	\$ 16,630.12	24.3%
<i>Primary Substation</i>	\$43,569.29	\$ 68,229.13	\$ 16,630.12	24.4%
<i>Transmission</i>	\$ 885.26	\$ 1,005.92	\$ 169.34	16.8%
<i>&gt; 500 kW</i>				
<i>Secondary</i>	\$ 622.55	\$ 744.64	\$ 465.74	62.5%
<i>Primary</i>	\$ 145.93	\$ 174.24	\$ 37.35	21.4%
<i>Secondary Substation</i>	\$44,067.19	\$ 68,823.26	\$ 16,630.12	24.2%
<i>Primary Substation</i>	\$43,590.57	\$ 68,252.86	\$ 16,630.12	24.4%
<i>Transmission</i>	\$ 1,734.95	\$ 1,962.73	\$ 677.54	34.5%
<i>&gt; 12 MW</i>				
<i>Secondary Substation</i>	\$45,179.59	\$ 70,041.35	\$ 28,063.31	40.1%
<i>Primary Substation</i>	\$43,671.10	\$ 68,341.30	\$ 28,115.43	41.1%
<b>Agricultural</b>				
Schedule PA-T-1				
<i>Secondary</i>	\$ 278.53	\$ 287.15	\$ 65.93	23.0%
<i>Primary</i>	\$ 278.53	\$ 144.07	\$ 65.93	45.8%
<i>Transmission</i>	\$ 278.53	\$ 1,622.87	\$ 65.93	4.1%
Schedule TOU- PA				
<i>&lt; 20 kW</i>				
<i>Secondary</i>	\$ 62.19	\$ 79.73	\$ 18.23	22.9%
<i>Primary</i>	\$ 62.19	\$ 125.47	\$ 18.23	14.5%
<i>≥ 20 kW</i>				
<i>Secondary</i>	\$ 162.96	\$ 287.15	\$ 21.87	7.6%
<i>Primary</i>	\$ 162.96	\$ 144.07	\$ 21.87	15.2%

1           Table CS-3 below presents the updated Year 3 proposed values for the MSF for all  
2 customer classes previously presented in Table CS-17 of my direct testimony, intended to  
3 move MSF towards more cost-based recovery of distribution customer costs.

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**Table CS-3: Updated Recovery of Customer Costs in a MSF (Year 3)**

	Current MSF (\$/month)	Direct Year 3 MSF (\$/month)	Rebuttal Year 3 MSF (\$/month)	%Change from Current (%)	%Change from Direct (%)	Percentage of Recovery of Costs in MSF in Year 3 (%)
<b>Residential</b>	\$ -	\$ -	\$ -			
<b>Small Commercial</b>						
<i>Secondary</i>						
0-5 kW	\$ 7.00	\$ 14.00	\$ 14.00	100.0%	0.0%	31.7%
5-20 kW	\$ 12.00	\$ 24.00	\$ 24.00	100.0%	0.0%	29.8%
20-50 kW	\$ 20.00	\$ 40.00	\$ 40.00	100.0%	0.0%	23.8%
> 50 kW	\$ 50.00	\$ 100.00	\$ 100.00	100.0%	0.0%	42.8%
<i>Primary</i>						
0-5 kW	\$ 7.00	\$ 14.00	\$ 14.00	100.0%	0.0%	13.0%
5-20 kW	\$ 12.00	\$ 24.00	\$ 24.00	100.0%	0.0%	22.4%
20-50 kW	\$ 20.00	\$ 40.00	\$ 40.00	100.0%	0.0%	37.3%
> 50 kW	\$ 50.00	\$ 100.00	\$ 100.00	100.0%	0.0%	45.2%
<b>M/L C&amp;I</b>						
<i>≤ 500 kW</i>						
<i>Secondary</i>	\$ 116.44	\$ 186.30	\$ 186.30	60.0%	0.0%	60.0%
<i>Primary</i>	\$ 31.40	\$ 50.24	\$ 50.24	60.0%	0.0%	33.4%
<i>Secondary Substation</i>	\$16,630.12	\$26,608.19	\$26,608.19	60.0%	0.0%	38.9%
<i>Primary Substation</i>	\$16,630.12	\$26,608.19	\$26,608.19	60.0%	0.0%	39.0%
<i>Transmission</i>	\$ 169.34	\$ 270.94	\$ 270.94	60.0%	0.0%	26.9%
<i>&gt; 500 kW</i>						
<i>Secondary</i>	\$ 465.74	\$ 622.55	\$ 744.64	59.9%	19.6%	100%
<i>Primary</i>	\$ 37.35	\$ 59.77	\$ 59.77	60.0%	0.0%	34.3%
<i>Secondary Substation</i>	\$16,630.12	\$26,608.19	\$26,608.19	60.0%	0.0%	38.7%
<i>Primary Substation</i>	\$16,630.12	\$26,608.19	\$26,608.19	60.0%	0.0%	39.0%
<i>Transmission</i>	\$ 677.54	\$ 1,084.06	\$ 1,084.06	60.0%	0.0%	55.2%
<i>&gt; 12 MW</i>						
<i>Secondary Substation</i>	\$28,063.31	\$44,901.30	\$44,901.30	60.0%	0.0%	64.1%
<i>Primary Substation</i>	\$28,115.43	\$44,984.69	\$44,984.69	60.0%	0.0%	65.8%
<b>Agricultural</b>						
Schedule PA-T-1						
<i>Secondary</i>	\$ 65.93	\$ 105.49	\$ 105.49	60.0%	0.0%	36.7%
<i>Primary</i>	\$ 65.93	\$ 105.49	\$ 105.49	60.0%	0.0%	73.2%
<i>Transmission</i>	\$ 65.93	\$ 105.49	\$ 105.49	60.0%	0.0%	6.5%
Schedule PA						
<i>&lt; 20 kW</i>						
<i>Secondary</i>	\$ 18.23	\$ 29.16	\$ 29.16	60.0%	0.0%	36.6%
<i>Primary</i>	\$ 18.23	\$ 29.16	\$ 29.16	60.0%	0.0%	23.2%
<i>≥ 20 kW</i>						
<i>Secondary</i>	\$ 21.87	\$ 34.99	\$ 34.99	60.0%	0.0%	12.2%
<i>Primary</i>	\$ 21.87	\$ 34.99	\$ 34.99	60.0%	0.0%	24.3%

2. Distribution Demand Cost Recovery

For customers with distribution demand charges, SDG&E proposes a transition path beginning in Year 2 to move the recovery of distribution demand costs to 100% recovery through a NCD. More specifically, SDG&E proposes to transition the M/L C&I distribution demand charge to 100% recovery through a NCD by increasing the percentage of recovery through a NCD by 10% a year beginning in Year 2 until 100% is reached with a compensating decrease to distribution peak demand charges. Table CS-4 presents the updated Year 3 values, which would reflect the second year in this transition path for the recovery of distribution demand through a NCD charge. This comparison was previously presented in Table CS-18 in my direct testimony.

**Table CS-4: Recovery of Distribution Demand through Distribution Non-Coincident Demand Charge for M/L C&I (Year 3)<sup>5</sup>**

	Updated Cost-based Recovery of Distribution Demand	Current Recovery of Distribution Demand	Year 3 Recovery of Distribution Demand - Direct	Year 3 Recovery of Distribution Demand - Rebuttal	%Change from Current	%Change from Direct
%NCD	100%	65%	85%	85%		
% Peak Demand	0%	35%	15%	15%		
<b>Illustrative Demand Charges (Secondary)</b>						
NCD (\$/kW-NCD)	\$14.14	\$11.38	\$12.99	\$13.94	22.4%	7.3%
On Peak Demand Summer	\$0.00	\$7.45	\$2.72	\$2.96	-60.3%	8.9%
On-Peak Demand Winter	\$0.00	\$6.34	\$2.33	\$2.53	-60.1%	8.9%

<sup>5</sup> Illustrative Distribution Rates presented in the table reflect Secondary Service only and include the impact of SDG&E's revenue allocation proposal.

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**B. Commodity**

1. Generation Capacity Cost Recovery

On-peak generation capacity costs are currently recovered at 50% through on-peak demand charges for M/L C&I customers and Agricultural customers on Schedule PA-T-1 and at 20% for M/L Agricultural customers on Schedule TOU-PA. The remaining generation capacity costs are recovered through commodity energy rates in all TOU periods. As part of this filing, SDG&E proposes to increase the recovery of on-peak generation capacity costs by increasing the percentage of recovery through on-peak demand charges by 10% a year beginning in Year 2 until 90% is reached.<sup>6</sup> This increase will result in a compensating decrease in energy rates due to the reduction in generation capacity costs recovered in energy rates. Table CS-5 presents SDG&E's updated rates for Year 3, the second year of the proposed transition path to reach 90% generation capacity costs recovered through on-peak demand charges for M/L C&I customers previously presented in Table CS-20 in my direct testimony.

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<sup>6</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2).

**Table CS-5: Standard M/L C&I: Recovery Of On-Peak Generation Capacity  
Through Peak Demand Charge (Year 3)<sup>7</sup>**

	90% Recovery of On- Peak Generation Capacity	Current Recovery of On- Peak Generation Capacity <sup>8</sup>	Year 3 Recovery of On- Peak Generation Capacity- Direct	Year 3 Recovery of On- Peak Generation Capacity- Rebuttal	%Change from Current	%Change from Direct
% Peak Demand	90%	50%	70%	70%		
% Energy Rates	10%	50%	30%	30%		
<b>Illustrative Demand and Energy Charges (Secondary)</b>						
Peak Demand Charge (\$/kWpeak)	\$15.04	\$9.72	\$11.74	\$11.69	20.3%	-0.4%
Energy Rates (\$/kWh)						
Summer on-peak energy	0.09368	0.10528	0.11119	0.09849	-6.4%	-11.4%
Summer off-peak energy	0.07778	0.09658	0.09339	0.08178	-15.3%	-12.4%
Summer super off peak energy	0.06356	0.07176	0.07645	0.06683	-6.9%	-12.6%
Winter on-peak energy	0.08461	0.09844	0.10532	0.08896	-9.6%	-15.5%
Winter off-peak energy	0.07458	0.08399	0.09260	0.07841	-6.7%	-15.3%
Winter super off peak energy	0.06411	0.06410	0.08005	0.06740	5.2%	-15.8%

Table CS-6 below presents SDG&E's updated rates Year 3, the second year in the proposed transition path to reach 90% generation capacity costs recovered through on-peak

<sup>7</sup> Illustrative Rates presented in the table reflect Secondary Service and include Commodity Rates only adjusted for the Commodity allocation.

<sup>8</sup> Illustrative Rates in the table under 90% Recovery of On-Peak Generation Capacity include the impact of SDG&E's revenue allocation proposal.

1 demand charges for Agricultural customers previously presented in Table CS-21 in my  
2 direct testimony.

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**Table CS-6: Agricultural: Recovery of On-Peak Generation Capacity  
Through Peak Demand Charge (Year 3)<sup>9</sup>**

	90% Recovery of On- Peak Generation Capacity <sup>10</sup>	Current Recovery of On- Peak Generation Capacity	Year 3 Recovery of On- Peak Generation Capacity- Direct	Year 3 Recovery of On- Peak Generation Capacity- Rebuttal	%Change from Current	%Change from Direct
<b>Schedule PA <math>\geq</math>20</b>						
% Peak Demand	90%	20%	40%	40%		
% Energy Rates	10%	80%	60%	60%		
<b>Illustrative Demand and Energy Charges (Secondary)</b>						
Peak Demand Charge (\$/kWpeak)	\$8.90	\$3.57	\$3.69	\$3.87	8.4%	4.9%
Energy Rates (\$/kWh)						
Summer on-peak energy	0.10316	0.14942	0.13055	0.12644	-15.4%	-3.1%
Summer off-peak energy	0.08565	0.11690	0.10965	0.10498	-10.2%	-4.3%
Summer super off peak energy	0.06999	0.08237	0.08976	0.08579	4.1%	-4.4%
Winter on-peak energy	0.07703	0.07853	0.08782	0.07539	-4.0%	-14.2%
Winter off-peak energy	0.06789	0.06721	0.07722	0.06645	-1.1%	-13.9%
Winter super off peak energy	0.05836	0.05151	0.06675	0.05712	10.9%	-14.4%
<b>Schedule PA-T-1</b>						
% Peak Demand	90%	50%	70%	70%		
% Energy Rates	10%	50%	30%	30%		
<b>Illustrative Demand and Energy Charges (Secondary)</b>						
Peak Demand Charge (\$/kWpeak)	\$8.90	\$5.38	\$6.51	\$6.93	28.6%	6.3%
Energy Rates (\$/kWh)						
Summer on-peak energy	0.09392	0.09626	0.10773	0.09822	2.0%	-8.8%
Summer off-peak energy	0.07798	0.09104	0.09048	0.08155	-10.4%	-9.9%
Summer super off peak energy	0.06372	0.06357	0.07408	0.06664	4.8%	-10.0%
Winter on-peak energy	0.08482	0.09001	0.10205	0.08871	-1.5%	-13.1%
Winter off-peak energy	0.07476	0.07680	0.08973	0.07819	1.8%	-12.9%
Winter super off peak energy	0.06427	0.05861	0.07756	0.06721	14.7%	-13.3%

2. TOU and Dynamic Pricing Commodity Options

Current summer on-peak to off-peak ratios for the TOU energy rates of both Small Commercial and Small Agricultural (< 20kW) customers are below cost-based levels. As

<sup>9</sup> Illustrative Rates presented in the table reflect Secondary Service and include Commodity Rates only adjusted for the Commodity allocation.

<sup>10</sup> Illustrative Rates in the table under 90% Recovery of On-Peak Generation Capacity include the impact of SDG&E's revenue allocation proposal.

1 noted in my direct testimony, SDG&E proposes a three-year transition path to move the  
 2 ratios toward more cost-based levels beginning in Year 2,<sup>11</sup> given that these customers  
 3 moved to mandatory TOU rates only this past November 2015 and to allow customers  
 4 addition time to adjust to the new TOU periods. Table CS-7 presents SDG&E's updated  
 5 Year 3 rates, the second year in the proposed transition path for TOU energy rates for Small  
 6 Commercial and Small Agricultural customers, defined as less than 20 kW,<sup>12</sup> previously  
 7 presented in Table CS-22 in my February 9th direct testimony.

8 **Table CS-7: Proposed TOU Energy Rates for Small Commercial and Small**  
 9 **Agricultural (Year 3)<sup>13</sup>**

(\$/kWh)	Current	Cost-Based Updated <sup>14</sup>	Year 3 - Direct	Year 3- Rebuttal	%Change from Current	%Change from Direct
<b>Small Commercial</b>						
<i>Summer</i>						
On-peak	0.14837	0.27898	0.27405	0.21777	46.8%	-20.5%
Off-peak	0.11789	0.10482	0.11393	0.13274	12.6%	16.5%
Super off-peak	0.08179	0.05640	0.07672	0.05614	-31.4%	-26.8%
<i>Winter</i>						
On-peak	0.08558	0.07507	0.08814	0.07507	-12.3%	-14.8%
Off-peak	0.07325	0.06617	0.07750	0.06617	-9.7%	-14.6%
Super off-peak	0.05614	0.05688	0.06700	0.05688	1.3%	-15.1%
<i>Ratio of Summer On-Peak to Summer Super Off Peak</i>	1.81	4.95	3.57	3.88		
<b>Small Agricultural (&lt;20 kW)</b>						
<i>Summer</i>						
On-peak	0.16944	0.28096	0.21892	0.22135	30.6%	1.1%
Off-peak	0.13256	0.08442	0.11815	0.11289	-14.8%	-4.5%
Super off-peak	0.09340	0.05181	0.06129	0.05706	-38.9%	-6.9%
<i>Winter</i>						
On-peak	0.06967	0.06896	0.08049	0.06896	-1.0%	-14.3%
Off-peak	0.05962	0.06078	0.07077	0.06078	1.9%	-14.1%
Super off-peak	0.04570	0.05225	0.06118	0.05225	14.3%	-14.6%
<i>Ratio of Summer On Peak to</i>	1.81	5.42	3.57	3.88		

<sup>11</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-35, lines 11-12.

<sup>12</sup> Defined in SDG&E's Schedules TOU-A and TOU-PA.

<sup>13</sup> Illustrative rates presented in the table reflect Secondary Service and include Commodity Rates only adjusted for the Commodity allocation.

<sup>14</sup> Illustrative cost-based rates in the table reflect SDG&E's revenue allocation proposal.

Summer Super Off Peak						
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**C. Updates to Proposed Rate Options**

The following tables present and compare updated rates for the Small Commercial Greater Fixed Charge Rate Option,<sup>15</sup> revamped Schedule A-TOU Rate Option<sup>16</sup> and the Residential Electric Vehicle Rate Option,<sup>17</sup> with the illustrative rates originally presented in my direct testimony, based on the updates discussed above.

**Table CS-8: Comparison of Illustrative Rates for Small Commercial Greater Fixed Charge Rate Option (Year 1)<sup>18</sup>**

Rate Component	Year 1 - Direct	Year 1 - Rebuttal
<i>Secondary</i>		
MSF (\$/month)		

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<sup>15</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-46.  
<sup>16</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-47.  
<sup>17</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-51.  
<sup>18</sup> Illustrative rates presented reflect secondary service.



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<i>0-5 kW</i>	\$50.04	\$58.87
<i>&gt; 5-20 kW</i>	\$151.19	\$156.16
<i>&gt; 20-50kW</i>	\$371.30	\$371.14
<i>&gt;50kW</i>	\$1,043.58	\$957.17
Summer Energy Rate (cents/kWh)		
<i>On-peak</i>	0.32334	0.31017
<i>Off-peak</i>	0.15542	0.15092
<i>Super Off-peak</i>	0.10645	0.10658
Winter Energy Rate (cents/kWh)		
<i>On-peak</i>	0.12994	0.12366
<i>Off-peak</i>	0.11960	0.11549
<i>Super Off-peak</i>	0.10938	0.10696

**Table CS-9: Comparison of Illustrative Rates for A-TOU Rate Option (Year 1)**

Rate Component	Year 1 - Direct	Year 1 - Rebuttal
<i>Secondary</i>		
MSF (\$/month)		
<i>0-5 kW</i>	\$62.83	\$101.56
<i>&gt; 5-20 kW</i>	\$62.83	\$101.56
<i>&gt; 20-50kW</i>	\$62.83	\$101.56
<i>&gt;50kW</i>	\$62.83	\$101.56
Non-Coincident Demand (\$/month)	\$2.25	\$1.48
On-Peak Demand Summer (\$/month)	N/A	N/A
On-Peak Demand Winter (\$/month)	N/A	N/A
Summer Energy Rate (cents/kWh)		
<i>On-peak</i>	0.37220	0.33793
<i>Off-peak</i>	0.20622	0.17991
<i>Super Off-peak</i>	0.15702	0.13541
Winter Energy Rate (cents/kWh)		
<i>On-peak</i>	0.18062	0.15250
<i>Off-peak</i>	0.17023	0.14430
<i>Super Off-peak</i>	0.15996	0.13574

**Table CS-10: Comparison of Illustrative Rates for  
Residential Electric Vehicle Rate Option (Year 1)**

Rate Component	Year 1 – Direct Proposed EV Option w/o Transmission Exemption	Year 1 – Direct Proposed EV Option with Transmission Exemption	Year 1 - Rebuttal Proposed EV Option w/o Transmission Exemption	Year 1 - Rebuttal Proposed EV Option with Transmission Exemption
MSF (\$/month)	\$16	\$16	\$16	\$16
Summer Energy Rate (cents/kWh)				
<i>On-peak</i>	0.45842	0.46838	0.47309	0.48461
<i>Off-peak</i>	0.23748	0.24744	0.23943	0.25095
<i>Super Off-Peak</i>	0.10075	0.07531	0.11078	0.08135
Winter Energy Rate (cents/kWh)				
<i>On-peak</i>	0.20766	0.21762	0.20399	0.21551
<i>Off-peak</i>	0.19747	0.20743	0.19512	0.20664
<i>Super Off-Peak</i>	0.10364	0.07820	0.11126	0.08183

Updated rates for the Dimmable Streetlight Rate Option and Ancillary Device Rate Option are presented below in Section VI – “Street Light Rate Design.”

**III. SMALL COMMERCIAL RATE DESIGN**

In this rebuttal testimony, I respond to the following parties who provided testimony regarding SDG&E’s Small Commercial rate design proposals:

- SDG&E’s proposal to increase the MSF for Small Commercial customers: ORA witness Nathan Chau (Chapter 8: Small Commercial Rate Design), SEIA witness R. Thomas Beach and CALSLA witness Alison Lechowicz.

- SDG&E’s proposal to re-open with modifications Schedule A-TOU: ORA witness Nathan Chau (Chapter 8: Small Commercial Rate Design).
- SDG&E’s proposal for the Reduce Your Use (“RYU”) Adder for Schedule TOU-A Plus: ORA witness Nathan Chau (Chapter 8: Small Commercial Rate Design) and SEIA witness R. Thomas Beach.

**A. Monthly Service Fees (“MSF”)**

As discussed in detail in the rebuttal testimony of Ms. Fang, MSFs that are not cost-based lead to overinflated demand charges or overinflated energy rates and result in high-demand or high-energy usage customers paying more than their cost-of-service while low-demand and low-usage customers pay less than their cost-of-service. As illustrated in Table CS-2 above, for SDG&E’s Small Commercial rate (TOU-A), the MSF currently only recovers approximately 6% to 23% of distribution customer costs, resulting in the remainder of fixed customer costs being recovered through distribution energy rates. As such, SDG&E proposes to increase MSFs by 100% in Year 3 from their current amounts, with this transition beginning in Year 1 and lasting 3 years, which results in an approximately 33% increase each year. This transition represents an incremental step towards a cost-based MSF. As illustrated in Table CS-3 above, under SDG&E’s proposal, even at Year 3, less than 50% of the distribution customer costs (13% to 45%) will be recovered through the fixed charge (MSF) for the Small Commercial rate (TOU-A).

ORA recommends that SDG&E’s proposed increases to fixed charges for Small Commercial rates be rejected at this time.<sup>19</sup> SEIA supports ORA’s position,<sup>20</sup> as does

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<sup>19</sup> ORA Testimony, pg. 8-1, line 19.

<sup>20</sup> SEIA Direct Testimony of R. Thomas Beach on behalf of SEIA, pg. 23 lines 7-8.

1 CALSLA, specifically for customers on Schedule A-TC.<sup>21</sup> Among other reasons, ORA  
2 argues that the Commission should reject SDG&E’s proposal because: (1) customers will  
3 need sufficient time to assess and make educated choices with regards to their rate options;  
4 (2) customers already will be experiencing both rate increases and TOU period changes in a  
5 very short period of time; (3) customers will have less control over monthly bills when a  
6 larger fraction is unavoidable; (4) customers are less rewarded for conserving the same  
7 amount of energy; and (5) the increased fixed charge trades bill “stability” for higher bills.<sup>22</sup>  
8 I address each of these arguments below.

9 1. Customers Will Need Sufficient Time to Access and Make Educated  
10 Choices with Regards to Their Rate Options

11 ORA argues that customers need sufficient time to assess and make choices  
12 regarding their rates and that “[l]evying additional fixed charges should be avoided, as it will  
13 likely confuse some customers as to why their bills are increasing and how they can  
14 respond.”<sup>23</sup> ORA ignores that along with SDG&E’s proposed 3-year transition path for the  
15 increase to MSF, there would also be a corresponding reduction in energy rates, which  
16 would benefit customers. In addition, rates that better reflect cost-of-service with a more  
17 cost-based MSF and cost-based energy rates send more accurate price signals and have the  
18 potential to better stabilize the actual charges that customers are billed, which ultimately  
19 could help to minimize confusion for customers.

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<sup>21</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 19.

<sup>22</sup> ORA Testimony, pg. 8-5, lines 18-20 and pg. 8-6, lines 1-11.

<sup>23</sup> ORA Testimony, pg. 8-5, line 19 – pg. 8-6, line 1.

1                   2.     Customers Already Will be Experiencing Both Rate Increases and  
2                                    Time-of-Use (“TOU”) Period Changes

3                   As part of its opposition to SDG&E’s fixed charge increase, ORA also argues that  
4 customers already will be experiencing rate increases and changes to their TOU periods. As  
5 of November 2015 and pursuant to Decision (“D.”) 12-12-004 and D.14-12-036, TOU  
6 became mandatory for Small Commercial customers and Schedule TOU-A became the new  
7 standard rate option for customers in this class. Small Commercial customers began  
8 transitioning to the new standard rate option in November 2015, with the last customers  
9 transitioning to TOU rates in April 2016. Based upon the current implementation timeline  
10 for this proceeding, under SDG&E’s proposal, customers will have at least a full year on  
11 their current rate structures before the first step in the three-year transition begins. In  
12 addition, the only Year 1 proposed rate structure change for these customers is the increase  
13 to the MSF of 33%, which represents an incremental step towards a cost-based MSF. As  
14 explained in my direct testimony, SDG&E is proposing to provide more time for Small  
15 Commercial customers prior to implementing other rate design changes, such as the  
16 movement towards cost-based TOU energy rates: “SDG&E does not propose changes to  
17 TOU ratios in Year 1, but proposes the beginning of transition to more cost-based TOU rates  
18 beginning in Year 2.”<sup>24</sup> ORA’s assertion is therefore incorrect as customers will have at  
19 least a full year prior to the increase to the MSF and at least two years before any other  
20 changes take place.

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<sup>24</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-35.



1 customers are billed by SDG&E. SDG&E's LPP program essentially takes the average bill  
2 amounts for the last 12 months and charges the customer that amount for the next three  
3 months. At the end of the three-month period, a new average bill amount is calculated and  
4 adjusted for any difference between the customer's actual charges and the amounts the  
5 customer paid during the previous three-month LPP period. The intent of the program is to  
6 provide the benefit of levelizing the customer's payments over a set period of time that  
7 would otherwise fluctuate due to high variability in usage. That is, the LPP simply  
8 "smooths out" the bills customers pay in the near-term (three months), but does not provide  
9 customers with protection from high charges resulting from over-inflated energy rates as all  
10 charges end up being billed to the customer. SDG&E's proposal to better reflect cost-of-  
11 service by increasing the MSF actually provides greater bill stability than the LPP by  
12 reducing the variable energy rate that the customer is charged each month. As opposed to  
13 the LPP, which adjusts the timing of when the charges are paid every three months and can  
14 subsequently lead to volatility during times of recalculations, a more cost-based MSF  
15 reduces the variability of usage-based energy rates and has the potential to better stabilize  
16 the actual charges that customers are billed.

17 In addition to the five reasons discussed above, ORA argues that "Customers may  
18 perceive increases to fixed charges as bill increases for no additional services rendered."<sup>28</sup>  
19 ORA misunderstands the issue at hand. The issue is not about additional services being  
20 rendered, but that the cost of current services provided are not being recovered in a manner  
21 that is consistent with how they were incurred. By not having a fixed charge that represents  
22 how the customer-related costs were actually incurred, a cost shift is created where other

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<sup>28</sup> ORA Testimony, pg. 8-6, lines 12-13.



1 customers are picking up the costs for the actual services that were provided. ORA also  
2 argues that “customers with maximum annual demands falling below 5 kW who consume  
3 less than 932.63 kW a month will experience monthly bill increases attributable solely to  
4 this increased fixed charge.”<sup>29</sup> With this statement, ORA again fails to acknowledge that,  
5 along with the increase in the MSF, there will be a corresponding reduction in the energy  
6 rates. To imply that all customers under 5 kW will see an increase is factually incorrect  
7 because with the reduction in energy rates and shift of TOU periods, these customers may  
8 see decreases in their monthly charges.

9 Overall, SDG&E agrees that customers need time to acclimate themselves to rates  
10 and recognizes the need to mitigate bill impacts that result from the move towards more  
11 clear and accurate price signals, which is why SDG&E has proposed a three-year transition  
12 path to help mitigate bill impacts and give customers the time to adjust to rate changes.

13 **B. Milder TOU-Critical Peak Pricing (“CPP”) Proposal**

14 ORA and SEIA propose to “implement TOU rates with more moderate ratios of on-  
15 peak to off-peak rates and to adopt CPP event day rates that are lower than SDG&E’s  
16 proposal.”<sup>30</sup> ORA witness Nathan Chau proposes to reduce the CPP surcharge from \$1.87  
17 to \$1.03, as well as flatten summer TOU rates by using a set ratio of 1.35 between the  
18 commodity on-peak and off-peak rates for Small Commercial customers. Witness Chau  
19 argues that these proposals will help to “...ease customers into time-differentiated rates,  
20 avoid rate shock and achieve wider acceptance and understanding.”<sup>31</sup> I discuss these issues  
21 below.

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<sup>29</sup> ORA Testimony, pg. 8-6, lines 15-17.

<sup>30</sup> SEIA Direct Testimony of R. Thomas Beach, pg. 23, lines 8-10.

<sup>31</sup> ORA Testimony of Nathan Chau, pg. 8-10, lines 8-9.

1                   1.     Milder TOU Differentials

2                   The issue of reduced TOU differentials for default TOU rate options is addressed in  
3 the rebuttal testimony of Ms. Fang.

4                   2.     Milder CPP-D Proposal

5                   Currently, Small Commercial customers' default rate is a dynamic pricing rate  
6 (Schedule TOU-A Plus), a TOU rate with a dynamic pricing or Reduce Your Use ("RYU")  
7 adder applied to RYU event hours. These customers also have the ability to opt-out to a  
8 TOU-only rate. The current RYU adder is \$1.17 per kWh. ORA's proposal would  
9 constitute a backwards step by reducing the current RYU adder by 12%. Dynamic pricing  
10 rate options are intended to provide adequate incentive for customers to shift usage on event  
11 days. Reducing the RYU adder would result in reducing the effectiveness of RYU to incent  
12 changes in customer behavior. ORA's concern regarding potential bill impacts fails to  
13 recognize that customers are able to opt-out of Schedule TOU-A Plus and that SDG&E has  
14 proposed to reduce the event period hours from 7 hours (11 a.m. to 6 p.m.) to 5 hours (2  
15 p.m. to 6 p.m.). As such, SDG&E recommends that the Commission reject ORA's proposal  
16 to reduce the RYU adder and adopt SDG&E's proposal for the RYU adder.

17                  In addition, ORA presents Figure 8-2 to illustrate the difference in the distribution of  
18 bill impacts on average monthly bills that would result under ORA's and SDG&E's  
19 proposals for schedule TOU-A-P.<sup>32</sup> This table is misleading because it does not separately  
20 illustrate the impacts of the two issues ORA is discussing, which are lowering the Smart  
21 Pricing Program ("SPP") adder and flattening the energy rate. ORA acknowledges in  
22 footnote 37 that "the impacts resulting from ORA's proposed rate are most likely a little

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<sup>32</sup> ORA Direct Testimony of Nathan Chau, page 8-12, line 1.

1 higher overall than those illustrated in the histogram chart for the reason that ORA asked  
2 SDG&E to conduct bill impacts for illustrative rates that are lower than those proposed in  
3 this chapter. Much of the savings associated with ORA’s proposed rate is attributed [to] the  
4 differences between ORA’s and SDG&E’s position on fixed charges, class revenue  
5 allocation, and the fact that ORA’s summer period consists of 4 and not 6 summer  
6 months.”<sup>33</sup> The Commission should not rely on ORA’s bill impact chart in evaluating the  
7 merits of ORA’s Small Commercial proposals. ORA’s bill impact chart is not  
8 representative of customer bill impacts relating solely to ORA’s Small Commercial SPP  
9 adder and energy rates proposals, given that the adder and energy rates are only two  
10 components of the rate changes reflected in ORA’s analysis.

11 **C. Two-Period TOU Rate Option for Small Commercial Customers**

12 In ORA’s testimony, witness Nathan Chau presents a TOU proposal for SDG&E  
13 Schedules TOU-A and TOU-A-P and states, “ORA’s configuration retains the single super-  
14 off peak period on weekends that these customers currently face, and emulates SDG&E’s  
15 TOU period proposal for the summer weekdays. However, ORA is proposing two periods  
16 for winter weekdays compared to SDG&E’s three periods.”<sup>34</sup> As discussed by Ms. Fang,<sup>35</sup>  
17 while SDG&E does not support a two-period TOU rate as the default rate for Small  
18 Commercial, SDG&E finds merit in creating an optional two-period TOU rate for Small  
19 Commercial customers, similar to what is currently being offered as SDG&E’s Residential  
20 TOU Pilot Rates,<sup>36</sup> which includes a simpler two-period (on-peak and off-peak only) option  
21 where the on-peak period encompasses the same hours as the on-peak period of the three-

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<sup>33</sup> ORA Testimony of Nathan Chau, pg. 8-12.

<sup>34</sup> ORA Testimony of Nathan Chau, pg. 8-8, lines 16-20.

<sup>35</sup> SDG&E Rebuttal Testimony of Cynthia Fang (Chapter 1), pgs. CF 27 - 28.

<sup>36</sup> SDG&E’s Schedule TOU-DR-E2.

1 period TOU rate option and all other hours are defined as off-peak hours. As such, this two-  
 2 period rate option would have the following TOU period definition:

3 Year Round

4 On-Peak 4 p.m. – 9 p.m. weekdays, weekends, & holidays

5 Off-Peak 12 a.m. – 4 p.m. weekdays, weekends, & holidays

6 9 p.m. – 12 a.m. weekdays, weekends, & holidays

7 This optional rate would be based on SDG&E’s standard rate for Small Commercial  
 8 customers, Schedule TOU-A, with the limited modification to TOU period definition to be a  
 9 two- period TOU where the off-peak period includes all hours included in the off-peak and  
 10 super off-peak as proposed by SDG&E.

11 Illustrative rates for this new optional two-period TOU Small Commercial rate based  
 12 upon SDG&E’s proposal are presented below in Table CS-11.

13 **Table CS-11: Illustrative Rates for Two-Period TOU**

14 **Small Commercial Rate Option (Year 3)<sup>37</sup>**

Rate Component	Charges – 2 Period TOU	Charges – 3 Period TOU
<i>Secondary</i>		
MSF (\$/month)		
0-5 kW	\$14	\$14
> 5-20 kW	\$24	\$24
> 20-50kW	\$40	\$40
>50kW	\$100	\$100
Summer Energy Rate (cents/kWh)		
<i>On-peak</i>	\$0.34884	\$0.34884
<i>Off-peak</i>	\$0.23833	\$0.26374
<i>Super Off-Peak</i>	N/A	\$0.18706
Winter Energy Rate (cents/kWh)		
<i>On-peak</i>	\$0.20600	\$0.20600
<i>Off-peak</i>	\$0.19376	\$0.19707
<i>Super Off-Peak</i>	N/A	\$0.18775

37 Illustrative rates presented reflect secondary service.

1                   **D. A-TOU Proposal**

2                   In my direct testimony, SDG&E proposes to re-open and redesign Schedule A-TOU  
3 in order to provide an additional, more meaningful option for Small Commercial customers  
4 who have demand levels that are less than 40 kW.<sup>38</sup> The Direct Testimony of Nathan Chau  
5 (Chapter 8) states that: “ORA does not oppose SDG&E’s proposal to re-open this rate.  
6 However, ORA recommends retaining the current structural elements of this rate as much as  
7 possible. Monthly fixed charge should remain at \$19.12/customer-month. Further, demand  
8 charges are not appropriate at this time for the same reasons that ORA is proposing to flatten  
9 the summer rate differentials.”<sup>39</sup> ORA also recommends that SDG&E rename the rate  
10 schedule to avoid confusion.<sup>40</sup>

11                   Schedule A-TOU was originally designed to be the TOU rate for Small Commercial  
12 customers below 40 kW and has been closed to new customers since October 1, 2002. As  
13 such, SDG&E has fewer than 175 customers on this rate schedule. For customers less than  
14 20 kW, the standard Small Commercial rate, Schedule TOU-A, currently has a rate structure  
15 that includes:

- 16                   • Customer costs captured in a demand-based MSF, with residual costs in an  
17                   energy rate;
- 18                   • Distribution demand costs recovered through energy rates; and
- 19                   • Generation capacity and commodity costs recovered through TOU energy  
20                   rates.

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<sup>38</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-47.

<sup>39</sup> ORA Testimony, pg. 8-15, lines 1-5.

<sup>40</sup> ORA Testimony, pg. 8-15, lines 7-10.

1 For customers 20 kW or greater, the standard M/L C&I rate, Schedule AL-TOU, currently  
2 has a rate structure that includes:

- 3 • Customer costs captured in a MSF, with residual costs in demand charges;
- 4 • Distribution demand costs recovered through a NCD charge, with residual  
5 costs recovered through an On-Peak Demand charge;
- 6 • Generation capacity costs recovered through an On-Peak Demand charge,  
7 with residual costs recovered through energy rates; and
- 8 • Commodity costs recovered through TOU energy rates.

9 SDG&E currently does not have a rate option for Small Commercial customers that  
10 would introduce Small Commercial customers to a demand-charge structure. Under  
11 SDG&E's proposal, the following changes are being proposed to the existing rate structure  
12 for Schedule A-TOU, which is a step towards and consistent with SDG&E's vision of cost-  
13 based rate structures:

- 14 • Cost-based MSF;
- 15 • Increased level of distribution demand costs recovered through NCD charges  
16 at 20% recovery beginning in Year 1 and increased 10% each year; and
- 17 • TOU energy rates with cost-based differentials. SDG&E does not propose a  
18 peak demand charge for the recovery of generation capacity costs at this time  
19 but reserves the right to re-examine in a future rate design proceeding.

20 SDG&E filed AL 2748-E in May 2014 to extend the transition path for customers  
21 who have exceeded 20 kW and would subsequently transition to SDG&E's M/L C&I  
22 standard rate schedule, Schedule AL-TOU, until revised rates are implemented in SDG&E's  
23 GRC Phase 2 proceeding. This was necessary because with the installation of smart meters,

1 it was identified that a number of Small Commercial customers were exceeding the  
2 allowable less-than-20 kW criterion for the rate design at the time (Schedule A). While AL  
3 2748-E provided a short-term solution, a key driver behind SDG&E's A-TOU proposal in  
4 this proceeding is to create a long-term rate option for these customers. Absent this rate  
5 option, these customers would be required to transition to Schedule AL-TOU.

6 The current A-TOU rate structure is outdated and does not provide accurate price  
7 signals for customers. The MSF is well below cost-based levels, resulting in the remainder  
8 of fixed customer costs being recovered through distribution energy rates. Also, the current  
9 rate structure for A-TOU does not have a NCD charge, so distribution demand costs are  
10 recovered 100% through the distribution energy rates. ORA's proposal to maintain the  
11 existing rate structure of A-TOU would keep this outdated rate structure in place and would  
12 not provide a meaningful option for customers to elect.

13 The current structure of A-TOU, single MSF with TOU energy rates, does not  
14 provide a meaningful option for Small Commercial customers when compared to Schedule  
15 TOU-A, a TOU rate with a MSF that varies by customers' annual maximum demand. As  
16 such, without the redesign of Schedule A-TOU to include a reduced-level demand charge,  
17 SDG&E would propose to withdraw its proposal to reopen A-TOU.

18 ORA goes on to state that ORA recommends that SDG&E rename this schedule so  
19 that it is more easily distinguishable by customers because "'A-TOU' is too similar to  
20 schedule 'TOU-A'."<sup>41</sup> SDG&E agrees that renaming this schedule would help avoid  
21 confusion in customer enrollments and reduce customer complaints. Thus, if SDG&E's

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<sup>41</sup> ORA Testimony of Nathan Chau, pg. 8-15, lines 7-10.

1 proposal to reopen and modify the A-TOU rate structure is adopted, SDG&E will change the  
2 name of the rate schedule to avoid confusion.

3 **IV. M/L C&I RATE DESIGN**

4 In my rebuttal testimony, I will be responding to the following parties' testimony  
5 regarding SDG&E's M/L C&I rate design proposals:

- 6 • MSF Costs Associated with Substation Rates: FEA witness Maurice  
7 Brubaker (M/L Commercial Rate Design).
- 8 • Schedule DG-R De-linking from AL-TOU: CSD witness William Monsen.

9 **A. MSF for Substation Rates**

10 Consistent with SDG&E's proposal to increase the MSF for M/L C&I customers,  
11 SDG&E proposed to increase the MSF for customers receiving service on secondary  
12 substation and primary substation service by 20% each year consistent with other M/L C&I  
13 customers.<sup>42</sup> Because substation customers continue to fully utilize distribution demand  
14 services, SDG&E proposed increases to the MSF to recover distribution demand costs from  
15 substation customers.

16 FEA recommends the Commission reject SDG&E's proposal on the basis that  
17 SDG&E should not apply the same distribution demand costs to customers taking service  
18 under secondary substation and primary substation as it does for customers taking secondary  
19 service or primary service, respectively.<sup>43</sup> FEA presents a different proposal for the MSF,  
20 which would have two parts: (1) the regular MSF applicable to regular primary customers  
21 and regular secondary customers and (2) a NCD charge equal to the Equal Percent of

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<sup>42</sup> SDG&E Direct Testimony of Chris Swartz (Chapter 2), pg. CS-25, lines 2-4.

<sup>43</sup> FEA Direct Testimony of Maurice Brubaker, pg. 14, lines 12-22.



1 Marginal Costs (“EPMC”) value of substation demand costs. After rounding, this NCD  
2 charge would equate to a \$3 per kW per-month charge.<sup>44</sup>

3 SDG&E does not agree with FEA’s entire MSF proposal for substation customers.  
4 SDG&E is in agreement with FEA on the first part of their proposal, which is to charge  
5 secondary and primary substation customers the regular customer charge applicable to  
6 secondary and primary customers, respectively. SDG&E also proposed that substation  
7 customers continue to be charged the regular customer charge applicable to secondary and  
8 primary customers, which is differentiated by voltage level. However, SDG&E disagrees  
9 with FEA on the second part of their proposal, which is to introduce a new demand charge  
10 equal to the EPMC value of the substation demand costs only. As explained above,  
11 substation customers fully utilize SDG&E’s distribution system, which is why SDG&E  
12 proposes to include both substation and feeder & local distribution costs in the substation  
13 MSF to ensure substation customers fully pay for the cost of distribution services received.  
14 Introducing a demand charge for substation customers that only recovers substation costs  
15 will result in revenue subsidies that non-substation customers will be forced to pay. For this  
16 reason, SDG&E recommends that the Commission reject FEA’s substation rate proposal.

17 However, based upon the substation rate discussion provided by FEA, SDG&E  
18 proposes an adjustment to the distance demand costs it proposed be included in the MSF for  
19 substation customers, equal to the forecasted revenues from the Distance Adjustment Fee  
20 paid by substation customers. This adjustment will reduce the collection of secondary or  
21 primary distribution line costs from substation customers. SDG&E recommends that the

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<sup>44</sup> FEA Direct Testimony of Maurice Brubaker, pg. 16.

1 Commission adopt SDG&E’s updated MSFs for the substation rates reflecting this change,  
2 which is presented in Table CS-3 above.

3 **B. Schedule DG-R De-linking from AL-TOU**

4 As authorized by the settlement agreement adopted in SDG&E’s 2008 GRC Phase 2  
5 decision (D.08-02-034), the rate design for SDG&E’s Schedule DG-R is currently based  
6 upon Schedule AL-TOU, with the modifications described below:<sup>45</sup>

7 (1) No commodity or distribution on-peak demand charges. Generation capacity  
8 costs are recovered through TOU energy rates. Distribution demand costs are recovered  
9 through a NCD charge and energy rates;

10 (2) Total maximum demand, which includes distribution and Federal Energy  
11 Regulatory Commission (“FERC”) Transmission and Reliability Services (“RS”), is set  
12 equal to 50% of the total NCD charge of Schedule AL-TOU, such that the 50% constraint is  
13 met through reductions in the distribution demand charge; and

14 (3) Distribution costs generally recovered through the distribution demand  
15 charge for other M/L C&I rates schedules are partially recovered through an energy rate.

16 While SDG&E does not propose any specific rate design changes to Schedule DG-R,  
17 the following rate design changes being proposed for Schedule AL-TOU will impact  
18 Schedule DG-R:<sup>46</sup>

19 (1) Moving MSF towards cost-based levels by increasing 20% each year  
20 beginning Year 1;

21 (2) Moving the recovery of distribution demand charges towards 100% NCD by

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<sup>45</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2) pg. CS-40, lines 2-9 and pg. 41, lines 1-3.

<sup>46</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-38, lines 5-9.

1 increasing the recovery of distribution costs through NCD 10% each year (beginning Year  
2 2) and reducing the recovery through on-peak demand charges.

3 CSD argues that due to the changes SDG&E is proposing, “Schedule DG-R should  
4 be de-linked from the new Schedule AL-TOU such that the changes in the MSF and the  
5 increase in demand charges do not affect this schedule.”<sup>47</sup> CSD goes on to state that the old  
6 structure should be maintained, implying that there would be no changes to Schedule DG-R  
7 under their proposal.

8 SDG&E disagrees with CSD’s proposal to de-link and leave DG-R rates unchanged.  
9 As discussed in the Direct Testimony of SDG&E witness Cynthia Fang (Chapter 1),  
10 appropriate rate design strives to achieve four goals, two of which are (1) providing  
11 customers with accurate price signals and (2) ensuring that incentives and subsidies are kept  
12 transparent.<sup>48</sup> Essentially, CSD’s proposal would work in opposition of these two goals, as  
13 it would widen the gap between DG-R costs and the cost basis for the rate design. CSD is  
14 requesting that DG-R rates not be updated to reflect the current calculation of marginal costs  
15 even though one of the main purposes of these GRC Phase 2 proceedings is to revise rate  
16 design based on updated marginal costs. Leaving the current rates in place for DG-R will  
17 create an additional subsidy for customers on this rate schedule, which other customers have  
18 to pay for, because unlike other rates, DG-R rates would not be based on updated marginal  
19 costs. SDG&E recommends that the Commission reject CSD’s proposal to expand the  
20 subsidies provided to DG-R customers compared to other M/L C&I customers.

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<sup>47</sup> CSD Direct Testimony of William Monsen, pg. 22, lines 21-23.

<sup>48</sup> SDG&E Direct Testimony of Cynthia Fang, pgs. CF-7 and CF-8.

1 **V. AGRICULTURAL RATE DESIGN**

2 This section of my rebuttal responds to the following parties' testimony regarding  
3 SDG&E's Agricultural rate design proposals:

4 Small Agricultural (< 20kW) Rate Design

- 5 • Fixed Charges for Schedule TOU-PA: Farm Bureau witnesses Laura Norin  
6 and Brandon Charles (Agricultural Rate Design).
- 7 • Two-Period Rate Option for Small Agricultural Customers: Farm Bureau  
8 witnesses Laura Norin and Brandon Charles (Agricultural Rate Design).

9 M/L Agricultural (>= 20kW) Rate Design

- 10 • NCD Charges for Schedule TOU-PA: Farm Bureau witnesses Laura Norin  
11 and Brandon Charles (Agricultural Rate Design).
- 12 • Schedule PA-T-1 On-Peak Demand Charge Options: CSD witness William  
13 Monsen.

14 **A. Fixed Charges for Schedule TOU-PA**

15 SDG&E's Schedule TOU-PA contains separate rates for customers who are taking  
16 service at less than 20 kW (Small Agricultural) and for those that are taking service at  $\geq$  20  
17 kW (M/L Agricultural). As illustrated in Table CS-2 above, the MSF for Schedule TOU-PA  
18 currently recovers only approximately 7% to 23% of distribution customer costs, resulting in  
19 the remainder of fixed customer costs being recovered through distribution energy rates.  
20 For all Agricultural customers on Schedule TOU-PA, SDG&E proposes to increase MSFs  
21 beginning Year 1 by 20% each year for three years, which represents an incremental step  
22 towards cost-based rates. As illustrated in Table CS-3 above, under SDG&E's proposal,

1 even at Year 3, less than 50% of the distribution customer costs (12% to 37%) will be  
2 recovered through the MSF for the Agricultural rate TOU-PA.

3 In the Direct Testimony of Laura Norin and Brandon Charles, Farm Bureau argues  
4 against SDG&E's proposed increases to fixed charges for SDG&E's Agricultural rate TOU-  
5 PA. Farm Bureau expresses concerns similar to those expressed by ORA regarding Small  
6 Commercial rates. Farm Bureau goes on to state that "if any increase is implemented, it  
7 should be delayed until at least Year 2 to provide customers with time to acclimate to TOU  
8 rates before revising the rate structure further."<sup>49</sup>

9 Pursuant to D.12-12-004, Agricultural customers began transitioning to the new  
10 mandatory TOU standard rate option in March 2016, with the last customers transitioning in  
11 April 2016. Along with Small and M/L Commercial customers, SDG&E agrees that for all  
12 Agricultural customers there exists a need to mitigate bill impacts that result from movement  
13 towards more clear and accurate price signals. This includes the MSF, as MSFs that are not  
14 cost-based lead to high-demand or high-energy usage customers paying more than their  
15 cost-of-service while low-demand and low-usage customers pay less than their cost-of-  
16 service.<sup>50</sup> Based upon the current implementation timeline for this proceeding, under  
17 SDG&E's proposal, customers will have at least a full year on their current rate structures  
18 before the first step in a gradual three-year transition begins. As mentioned above, this  
19 transition represents an incremental step towards a cost-based MSF.

20 **B. Two-Period TOU Rate Option for Small Agricultural Customers**

21 In its direct testimony, the Farm Bureau proposes a new rate design for Schedule  
22 TOU-PA consisting of two TOU periods: an on-peak period of 4 p.m. – 9 p.m. for

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<sup>49</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 35, lines 3-5.

<sup>50</sup> SDG&E Rebuttal Testimony of Cynthia Fang (Chapter 1).

1 weekdays and all other hours considered as off-peak.<sup>51</sup> The Farm Bureau states that this  
2 type of rate design would “promote customer understanding and customer response.”<sup>52</sup>

3         Similar to the Small Commercial proposal, SDG&E finds merit in creating an  
4 optional two-period TOU rate for Small Agricultural customers (< 20 kW), similar to what  
5 is currently being offered as SDG&E’s Residential TOU Pilot Rates,<sup>53</sup> which includes a  
6 simpler two-period (on-peak and off-peak only) option where the on-peak period is the same  
7 as the three-period TOU and all other hours are defined as off-peak hours. As such, this  
8 two-period rate option would have the following TOU period definition:

9                 Year Round

10                 On-Peak         4 p.m. – 9 p.m. weekdays, weekends, & holidays

11                 Off-Peak         12 a.m. – 4 p.m. weekdays, weekends, & holidays

12                                 9 p.m. – 12 a.m. weekdays, weekends, & holidays

13         This optional rate would be based on SDG&E’s standard rate for Small Agricultural  
14 customers (< 20 kW), Schedule TOU-PA, with the limited modification to the TOU period  
15 definition to be a two-period TOU where the off-peak period includes all hours included in  
16 the off-peak and super off-peak as proposed by SDG&E. Illustrative rates for this new two-  
17 period TOU Agricultural rate are presented below in Table CS-12.

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<sup>51</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 37.

<sup>52</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 37, lines 21-22.

<sup>53</sup> SDG&E’s Schedule TOU-DR-E2.

1  
2 **Table CS-12: Illustrative Rates for the Two-Period TOU Agricultural Rate Option**

3 **(Year 3)<sup>54</sup>**

4

Rate Component	Charges – 2 Period TOU	Charges – 3 Period TOU
MSF (\$/month)	\$29.16	\$29.16
Summer Energy Rate (cents/kWh)		
<i>On-peak</i>	\$0.30322	\$0.30322
<i>Off-peak</i>	\$0.17214	\$0.19476
<i>Super Off-peak</i>	N/A	\$0.13893
Winter Energy Rate (cents/kWh)		
<i>On-peak</i>	\$0.15083	\$0.15083
<i>Off-peak</i>	\$0.13917	\$0.14265
<i>Super Off-peak</i>	N/A	\$0.13412

5  
6  
7  
8  
9  
10  
11  
12

13 **C. NCD for Schedule TOU-PA and New Cost-Based Agricultural Rate**  
14 **Option**

15 As presented in my direct testimony, SDG&E proposes to introduce a NCD charge  
16 in Year 2 for Agricultural customers whose monthly demands equal or exceed 20 kW (M/L  
17 Agricultural).<sup>55</sup> Currently, Schedule TOU-PA for customers whose demand is equal to or  
18 greater than 20 kW is structured as follows:

- 19
- A MSF below cost-based levels, with residual costs recovered through energy  
20 rates;
  - Distribution demand costs recovered through energy rates;
- 21

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<sup>54</sup> Illustrative rates presented reflect secondary service.

<sup>55</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pg. CS-39, Table CS-19.

- 20% of generation capacity costs recovered through an On-Peak Demand charge, with residual costs recovered through energy rates; and
- Commodity energy costs recovered through TOU energy rates.

SDG&E’s M/L C&I standard rate schedule, Schedule AL-TOU, applies to customers who equal or exceed demand values of 20 kW and includes demand charges for the recovery of distribution costs. SDG&E’s proposal to introduce a NCD for Schedule TOU-PA customers whose monthly demands equal or exceed 20 kW that recovers 20% of cost basis, which would increase to 30% of cost basis, is intended to provide M/L Agricultural customers with a gradual transition path to move more towards a cost-based rate similar to customers of the same size in the M/L C&I class. In addition, other Agricultural customers (Schedule PA-T-1) continue to pay demand charges for the recovery of distribution costs. The introduction of the NCD charge for Schedule TOU-PA would result in a reduction to the recovery of distribution costs in energy rates.

Farm Bureau argues that this change “would be yet another major rate change added to several other significant changes that Agricultural customers are facing over the span of just a few years.”<sup>56</sup> In addition, Farm Bureau recommends that “consideration of a non-coincident demand charge for Schedule TOU-PA customers be deferred until SDG&E’s next GRC application.”<sup>57</sup>

SDG&E fully acknowledges that Agricultural customers on Schedule TOU-PA are seeing changes to their existing rate structures. This is why SDG&E is proposing a gradual introduction to the NCD charge at 20% of cost basis in Year 2.

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<sup>56</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 35, lines 9-11.

<sup>57</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 36, lines 6-8.



1 Farm Bureau argues that if a NCD charge is part of this proceeding, it should contain  
2 an exemption for demand used in the super off-peak time period.<sup>58</sup> As part of SDG&E's  
3 existing rate design for Schedule PA-T-1 and its proposal for the new cost-based M/L C&I  
4 rate option, SDG&E includes a super-off peak exemption for the NCD. When rates are cost-  
5 based, it makes sense to allow an exemption in the super-off peak period that would allow  
6 customers to shift their energy usage to when the distribution capacity costs for the localized  
7 resources are lower. To support the proposal of Farm Bureau, SDG&E proposes a cost-  
8 based rate option for M/L Agricultural customers that have demand values equal to or above  
9 20 kW, similar to SDG&E's proposal for a cost-based rate option for M/L C&I customers.<sup>59</sup>  
10 The new cost-based Agricultural rate option would include a super-off peak exemption from  
11 the NCD charge and would have the following features:

- 12 • Cost-based MSF;
- 13 • Distribution demand costs recovered through a NCD demand charge, with an  
14 exemption for demand in the super-off peak period; and
- 15 • On-peak demand charge that reflects 90% of generation capacity.

16 Illustrative rates for this new cost-based M/L Agricultural rate reflecting SDG&E's proposal  
17 are presented below in Table CS-13.

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<sup>58</sup> Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pg. 36, lines 9-20.

<sup>59</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pgs. CS-49 and 50.

**Table CS-13: Illustrative Rates for the Agricultural Cost-Based  
Rate Option (Year 3)<sup>60</sup>**

Rate Component	Charges
<i>Secondary</i>	
MSF (\$/month)	\$287.15
Non-Coincident Demand (\$/month)	\$7.22
On-Peak Demand – Summer (\$/month)	\$8.71
On-Peak Demand – Winter (\$/month)	\$0.00
Summer Energy Rate (cents/kWh)	
<i>On-peak</i>	\$0.13318
<i>Off-peak</i>	\$0.11607
<i>Super Off-peak</i>	\$0.10085
Winter Energy Rate (cents/kWh)	
<i>On-peak</i>	\$0.10774
<i>Off-peak</i>	\$0.09880
<i>Super Off-peak</i>	\$0.08947

**D. On-Peak Demand Charge Options for Schedule PA-T-1**

SDG&E’s Schedule PA-T-1 currently allows customers to elect from four different time periods for their on-peak demand charges. The time periods elected under these options only impact the on-peak demand charges and do not impact the TOU energy charges. SDG&E’s current on-peak demand options for PA-T-1 are captured in Table CS-14 below.

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<sup>60</sup> Illustrative rates presented reflect secondary service.

**Table CS-14: PA-T-1 On-Peak Demand Time Periods**

<b>On-Peak Demand Charge Time Periods</b>	<b>May 1 to Oct. 31</b>	<b>All Other</b>
Option C	12 p.m. - 4 p.m. Weekdays	5 p.m. - 8 p.m. Weekdays
Option D	1 p.m. - 3 p.m. Weekdays	6 p.m. - 8 p.m. Weekdays
Option E	1 p.m. - 4 p.m. Weekdays	7 p.m. - 8 p.m. Weekdays
Option F	11 a.m. - 6 p.m. Weekdays	5 p.m. - 8 p.m. Weekdays

The current options provide optional on-peak time periods upon which the on-peak demand charge is based. Option F has an on-peak demand period for the application of on-peak demand charges that is consistent with the on-peak period for on-peak energy, a seven-hour on-peak period. The other options (C, D and E) provide additional on-peak period options for the application of on-peak demand charges that are shorter than the on-peak period for on-peak energy. SDG&E proposes to eliminate the four TOU summer on-peak demand options under PA-T-1 for a single TOU period that reflects the high cost hours, consistent with the rate design policy presented in the testimony of Cynthia Fang that supports a single TOU period definition for all customers. In the Direct Testimony of William Monsen, CSD argues that “The Commission should reject SDG&E’s proposal to eliminate all optional demand periods on Schedule PA-T-1 and should order SDG&E to meet with its customers taking service under Schedule PA-T-1 such that SDG&E can understand the needs of its customers on this tariff” and that “Alternatively, the Commission could direct SDG&E to begin the phase out of the lesser used options C, E, and F from the schedule by closing them to new customers, while it proceeds to meet and confer with

1 customers. After these meetings, should submit any proposed revisions to Schedule PA-T-1  
2 in its next General Rate Case.”<sup>61</sup>

3 Continuing to offer options that provide short TOU periods for the application of on-  
4 peak demand charges would result in on-peak periods that do not accurately reflect the high-  
5 cost hours and would continue to provide customers with options to by-pass on-peak  
6 demand charges. CSD’s proposal to retain only Option D, which has a two-hour on-peak  
7 period for on-peak demand charges, would simply result in customers on Schedule PA-T-1  
8 bypassing costs in the remaining hours of the on-peak period and, therefore, should be  
9 rejected.

## 10 **VI. STREET LIGHT RATE DESIGN**

11 Tables CS-15 and CS-16 below present and compare the updated rates for the  
12 Dimmable Streetlight Rate Option and Ancillary Device Rate Option, originally presented in  
13 my supplemental testimony,<sup>62</sup> based on the updates discussed above in Section II.  
14

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<sup>61</sup> CSD Direct Testimony of William Monsen, pg. 19, lines 8-16.

<sup>62</sup> SDG&E Supplemental Prepared Direct Testimony of Christopher Swartz (Chapter 10), pgs. CS-S-6 and CS-S-9.

**Table CS-15: Comparison of Updated Illustrative Rates for the Dimmable Streetlight Rate Option (Year 1)**

	Year 1 – Direct 52 Watts	Year 1 – Direct 92 Watts	Year 1 – Direct 137 Watts	Year 1 – Rebuttal 52 Watts	Year 1 – Rebuttal 92 Watts	Year 1 – Rebuttal 137 Watts
<b>Proposed Rate</b>						
Monthly Distribution Cost (\$/Lamp/Month)	\$1.80	\$2.06	\$2.35	\$1.75	\$2.04	\$2.38
Total Energy Rates (\$/kWh)	0.11410	0.11410	0.11410	0.10915	0.10915	0.10915
Monthly Start-Up Fee (\$/Meter/Month)	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10	\$0.10
Monthly Ongoing Maintenance Fee (\$/Meter/Month)	\$0.45	\$0.45	\$0.45	\$0.45	\$0.45	\$0.45

**Table CS-16: Updated Illustrative Rates for the Ancillary Device Rate Option (Year 1)**

Rate Component	Year 1 - Direct	Year 1 - Rebuttal
MSF (\$/month)	\$10.22	\$12.15
Summer Total Energy Rate (\$/kWh)		
<i>On-peak</i>	0.28672	0.25108
<i>Off-peak</i>	0.24399	0.21324
<i>Super Off-Peak</i>	0.20607	0.17974
Winter Total Energy Rate (\$/kWh)		
<i>On-peak</i>	0.19221	0.16047
<i>Off-peak</i>	0.18187	0.15230
<i>Super Off-peak</i>	0.17165	0.14377
Monthly Start-Up Fee (\$/Meter/Month)	\$0.10	\$0.10
Monthly Ongoing Maintenance Fee (\$/Meter/Month)	\$0.45	\$0.45

1 In addition, my rebuttal testimony responds to the following issues raised by parties  
2 regarding SDG&E’s Street light rate design proposals:

- 3 • LS-1 Class “C” Closure and Transfer Payment: CMV witness Michael  
4 Kerkorian and CALSLA witness Alison Lechowicz.
- 5 • SDG&E Street Lighting Models: CALSLA witness Alison Lechowicz.
- 6 • SDG&E’s Dimmable Street Light Rate Design and Costs: CALSLA witness  
7 Alison Lechowicz and CSD witness William Monsen.

8 **A. City of Mission Viejo/CALSLA – 15 Years for Class C**

9 As part of my direct testimony, SDG&E proposed to close Class C for Schedule LS-  
10 1 and provide existing customers on Class C the ability to transition to Class B for a one-  
11 time transfer fee. Historically, SDG&E has provided these two Class options for LS-1  
12 customers who request the installation of street lighting equipment other than the standard  
13 installation offered by SDG&E. Currently, LS-1 Class B customers pay more upfront costs  
14 and lower rates going forward than Class C customers. The upfront costs for LS-1 Class C  
15 customers are capped at a fixed value, with costs above the cap rolled into rates, resulting in  
16 higher rates than LS-1 Class B. Once a lighting installation option is selected, the tariff does  
17 not currently allow movement between classes.<sup>63</sup>

18 Based upon the Direct Testimony of CMV witness Michael Kerkorian and the Direct  
19 Testimony of CALSLA witness Alison Lechowicz, parties do not oppose SDG&E’s  
20 proposal to close Class C for new customers and to optionally allow the existing Class C  
21 customers the ability to transition to Class B if they choose to. As stated, “CALSLA is  
22 indifferent to the closure of the LS-1C tariff and agrees with SDG&E that any migration of

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<sup>63</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pgs. 59 and 60.

1 customers between tariffs should be voluntary.”<sup>64</sup> Both CMV and CALSLA agree with the  
2 second part of SDG&E’s proposal regarding the one-time transfer fee for existing LS-1  
3 Class C customers to transition to LS-1 Class B, with the exception that customers who have  
4 been taking service under Class C for an extended period of time should not be subject to the  
5 one-time transfer fee. In the Direct Testimony of CMV witness Michael Kerkorian, CMV  
6 provides its own proposal, which introduces a threshold where customers who had street  
7 lights that have been billed on Class C rates for more than 15 years would not have to pay  
8 the one-time transfer fee. CMV’s proposal is to modify Special Condition 1.b.(2) of  
9 SDG&E Schedule LS-1 by adding two sentences. The proposed addition to the tariff would  
10 read:

11 *Class C customers may transfer service to Class B by paying a*  
12 *one-time transfer fee as described in this schedule. However,*  
13 *street lights that have been billed on Class C rates for more*  
14 *than fifteen years are not subject to the transfer fee.*<sup>65</sup>

15 SDG&E’s concern with this approach is the resulting cost shift impacts to all other  
16 customers. However, since CALSLA represents street lighting customers and did not have  
17 any issues with this proposal, SDG&E has no objections to this proposal. Under this  
18 proposal, street lights that have been billed under Schedule LS-1 Class C for more than 15  
19 years would not be subject to the one-time transfer fee, if the customer optionally elected to  
20 move the street lights to Class B.

21 As of May 2016, CMV had 442 street lights taking service under Schedule LS-1  
22 Class C. By applying a 15-year threshold as proposed by the CMV, this would require

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<sup>64</sup> CALSLA Direct Testimony of Alison Lechowicz, pg.16, lines 28-29.

<sup>65</sup> CMV Direct Testimony of Michael Kerkorian, pg. 4.

1 CMV to pay one-time transfer fees on only 9 of its 442 street lights, with the difference  
2 creating a cost shift.

3 **B. SDG&E Street Lighting Models**

4 In the CALSLA Direct Testimony of Alison Lechowicz, CALSLA states that it has  
5 “identified street light inventory and rate design modeling errors. There are significant  
6 discrepancies between SDG&E’s revenue allocation model and lighting rate design models.  
7 SDG&E provided its revenue allocation and original lighting rate design model in February  
8 of 2015<sup>66</sup> concurrent with submittal of the Second-Amended General Rate Case Application.  
9 In response to CALSLA data requests, SDG&E provided a revised lighting model in June of  
10 2016. Unfortunately, the modeling errors have not been fully corrected.”<sup>67</sup> CALSLA  
11 concludes that if the street light sales and rate revenues do not match between SDG&E’s  
12 Consolidated Model<sup>68</sup> and SDG&E’s Lighting Model,<sup>69</sup> there is an error.

13 CALSLA’s conclusion is incorrect, as both models are correct. SDG&E’s  
14 Consolidated Model presents the street lighting sales and revenues based upon the 2016 TY  
15 sales as presented in the direct testimony of SDG&E witness Kenneth E. Schiermeyer  
16 (Chapter 4). These sales numbers are used to derive the rates for all the unmetered street  
17 light rate components, including transmission, Nuclear Decommissioning (“ND”), ongoing  
18 Competition Transition Charges (“CTC”), Local Generation Charge (“LGC”), Public  
19 Purpose Program (“PPP”), Reliability Services (“RS”), Department of Water Resources

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<sup>66</sup> SDG&E provided its revenue allocation and original lighting rate design model in February of 2016, not 2015.

<sup>67</sup> CALSLA Direct Testimony of Alison Lechowicz, pg.17, lines 15-16.

<sup>68</sup> Identified as “Consolidated Model GRC P2 - Revised Workpapers (CONFIDENTIAL).”

<sup>69</sup> Identified as “Lighting Model 2016 GRC P2 - Dec 1 2015 Filing - Year 1 – Revised,” “Lighting Model 2016 GRC P2 - Dec 1 2015 Filing - Year 2 – Revised” and “Lighting Model 2016 GRC P2 - Dec 1 2015 Filing - Year 3 – Revised.”



1 Bond Charge (“DWR-BC”), DWR Credit and commodity, but not for distribution, which is  
2 derived separately based upon the lighting cost studies. Transmission, ND, CTC, LGC,  
3 PPP, RS, DWR-BC, DWR Credit and commodity rates are set first and then distribution is  
4 calculated using the lighting cost studies to derive the correct total rate. Because these  
5 services are unmetered, the total rate must be derived separately, through the addition of  
6 distribution. The distribution rates are therefore derived separately in SDG&E’s Lighting  
7 Model based upon the number of lamps in service and lighting cost studies for the  
8 distribution component. The Lighting Model then pulls in the rates for transmission, ND,  
9 CTC, LGC, PPP, RS, DWR-BC, DWR Credit and commodity from SDG&E’s Consolidated  
10 Model and combines them with the distribution rates that were derived from the lighting  
11 cost studies in the Lighting Model in order to present the total current and proposed rates for  
12 each unmetered lamp. As such, both models are needed in order to derive the total rates.  
13 The rates in the Lighting Model are then used to create the rate revenues, which also are  
14 presented in the Lighting Model.

15 As part of a related data request,<sup>70</sup> CALSLA requested that SDG&E update its  
16 Lighting Model to match the sales that were presented in the Consolidated Model. In order  
17 to accommodate this request, SDG&E had to adjust the number of lamps by a fictitious  
18 scalar factor, since the distribution rates are derived off of the number of lamps and lighting  
19 cost studies. The net impact of this change was that 26 rates increased by \$0.01 in Year 1,  
20 35 rates increased by \$0.01 in Year 2, and 32 rates increased by \$0.01 in Year 3.

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<sup>70</sup> CALSLA DR-05.

1           **C.     Dimmable Street Light Rate Design and Costs**

2           On June 3, 2016, SDG&E submitted Supplemental Prepared Direct Testimony of  
3 Christopher Swartz (Chapter 10) providing rate design proposals for two street light rate  
4 options (1) a Dimmable Street light rate option and an (2) Ancillary Device rate option that  
5 would be available for customers with customer-owned street lights. The Dimmable Street  
6 light rate option proposal consisted of the following components:<sup>71</sup>

- 7           • A monthly per lamp charge for the recovery of all distribution costs that is  
8           equivalent to the specific lamp’s current monthly per lamp Distribution  
9           charge (\$/Lamp/Month) to better reflect how these costs are incurred;
- 10          • An energy rate for the recovery of all other rate components: Transmission,  
11          PPP, ND, CTC, LGC, RS, DWR-BC, DWR Credit and Commodity (\$/kWh)  
12          in order to provide a rate structure that meets the needs of the Dimmable  
13          Street light rate option;
- 14          • A one-time upfront per participant charge and a monthly per lamp fee for the  
15          recovery of start-up implementation costs to mitigate shifting these costs to  
16          non-participating customers; and
- 17          • A monthly ongoing maintenance charge for the recovery of ongoing costs  
18          related to the rate option to mitigate shifting of these costs to non-  
19          participating customers.

20          The Ancillary Device rate option proposal consisted of the following components:<sup>72</sup>

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<sup>71</sup> SDG&E Supplemental Direct Testimony of Christopher Swartz (Chapter 10), pg. CS-S-5.  
<sup>72</sup> SDG&E Supplemental Direct Testimony of Christopher Swartz (Chapter 10), pgs. CS-S-7, CS-S-8.

- 1 • A cost-based MSF for the recovery of customer-related distribution costs  
2 associated with 0-2 kW demand based on SDG&E’s Schedule Unmetered  
3 (“UM”), which excludes metering costs and generally serves smaller  
4 customers to better reflect how these costs are incurred;
- 5 • TOU energy rates for the recovery of commodity costs equal to the TOU per  
6 kWh commodity rates for Schedule TOU-A to better reflect how these costs  
7 are incurred;
- 8 • A flat energy rate (\$/kWh) for the recovery of demand-related distribution  
9 costs and all other rate components consistent with Schedule TOU-A (for  
10 Transmission, PPP, ND, CTC, LGC, RS, DWR-BC and the DWR Credit) to  
11 better reflect how these costs are incurred;
- 12 • A one-time upfront per participant charge and monthly per lamp fee for the  
13 recovery of start-up implementation costs to mitigate shifting these costs to  
14 non-participating customers; and
- 15 • A monthly ongoing maintenance charge for the recovery of ongoing costs  
16 related to the rate option to mitigate shifting these costs to non-participating  
17 customers.

18 1. Implementations Costs

19 My supplemental direct testimony (Chapter 10), dated June 3, 2016, identified one-  
20 time upfront implementation costs of \$4.1M for SDG&E’s proposed dimmable and ancillary  
21 device rate options. In their testimony, CSD and CALSLA raised issues regarding  
22 SDG&E’s estimated implementation costs of \$4.1M. In the Direct Testimony of CSD  
23 witness William Monsen, CSD states that “the Commission should require SDG&E to fully

1 justify its start-up costs for the dimmable street light tariff. SDG&E has not met its burden  
2 of proof regarding these charges.”<sup>73</sup> CALSLA witness Lechowicz states that: “CALSLA  
3 does not understand SDG&E’s difficulty in developing a dimmable street light billing  
4 system. SDG&E has installed smart meters for all other customer classes and is able to  
5 charge customers based on time of use pricing. SDG&E has the software and information  
6 technology in place to accomplish this.”<sup>74</sup> CALSLA goes on to provide a reduced estimated  
7 implementation cost proposal of \$2.3M summarized in witness Lechowicz’s Table 11<sup>75</sup>  
8 based upon its analysis of what it believes SDG&E’s costs will be.

9 SDG&E does not agree with CSD or CALSLA. There are two categories of costs  
10 that are incurred as part of any significant change to a system, implementation costs and  
11 ongoing maintenance costs. Implementation costs are typically one-time, upfront costs that  
12 are meant to capture the initial system upgrades required to meet the new requirements. For  
13 SDG&E billing systems, these costs are typically related to the initial hardware costs (e.g.,  
14 servers, new platforms, etc.) and the labor costs associated with making the initial changes  
15 to SDG&E’s billing system software. The primary goal behind any upfront implementation  
16 is to automate processes where it is cost-effective, while at the same time doing so in a way  
17 that is both accurate and that minimizes downstream impacts, such as inaccurate billing.  
18 Ongoing maintenance costs are typically costs related to supporting changes to a system  
19 once the system has gone “live” and is up and running. For SDG&E, these costs are usually  
20 related to the ongoing IT support costs needed to troubleshoot issues that arise with the  
21 changes that were made and costs related to any additional labor within SDG&E required to

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<sup>73</sup> CSD Direct Testimony of William Monsen, pg.27, lines 28-30.

<sup>74</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 26, lines 26-28.

<sup>75</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 30.

1 complete incremental tasks that were created as part of the implementation of the dimmable  
2 and ancillary device rate options.

3         As an example, under this specific proposal, SDG&E would need to build and  
4 maintain a process for resolving issues such as meter accuracy discrepancies between the  
5 non-utility owned third-party meters. For the initial implementation costs, in order to ensure  
6 accurate billing, SDG&E will be developing system validations that check the accuracy of  
7 the inventory data coming from the meters. This will compare the current usage coming in  
8 from the meters with the historical usage that previously came in from the meters. Based  
9 upon predetermined parameters, the system will check for any discrepancies or data that  
10 seems significantly inconsistent (e.g., 100% higher than last month, etc.). When identified,  
11 this will generate a work item for an analyst to review in SDG&E's Billing Department.  
12 The labor costs associated with the analyst reviewing this work item would be considered  
13 the ongoing maintenance costs. The tasks of this analyst would include researching this  
14 work item and working towards a resolution, which could include either accepting that the  
15 data is correct and billing the service, choosing to estimate the data or contacting the  
16 associated city to coordinate a field visit to test the meter for accuracy. In this example, both  
17 implementation costs and ongoing maintenance costs are required to identify and resolve  
18 this potential accuracy issue with the meter. It is important to note that implementation  
19 costs can play a big role in what ends up as ongoing maintenance costs, as components that  
20 are not effectively or thoroughly addressed in the implementation stage can lead to issues  
21 that have to be addressed as part of the ongoing maintenance. When this occurs, the  
22 incremental ongoing maintenance costs can then lead to higher costs than what would have  
23 occurred if the issue had been addressed in the initial implementation. As such, by not

1 thoroughly building out required changes, there could be significant issues with the accuracy  
2 and timeliness of the bills being generated for the customer that could ultimately lead to  
3 higher ongoing support costs in the long run.

4                   2.       Required Changes to SDG&E Systems

5                   For the new Dimmable Street light rate and Ancillary Device rate options, the one-  
6 time upfront implementation costs of \$4.1M reflect the true costs of these changes to  
7 SDG&E's billing system. As part of their justification for the reduced implementation costs,  
8 CALSLA incorrectly assumes that SDG&E's billing system can be reconfigured with "slight  
9 modifications" to accommodate the non-utility owned third-party meters based upon  
10 SDG&E's current utility-owned metering processes; thus, CALSLA drastically understates  
11 the costs that are required for the implementation. As discussed in detail below, CALSLA's  
12 assumptions are unsupported in their testimony and their related proposal should be rejected.

13                   While SDG&E implemented systems to support interval data metering and billing  
14 for its Smart Meters, SDG&E has not yet built out processes to allow for: (1) systems  
15 integration with the Cities/Vendor's meters and/or databases; (2) inventory management to  
16 ensure the meter numbers and identifiers are in alignment between the third-party systems  
17 and SDG&E's systems; (3) the implementation of non-utility owned third-party metering  
18 and interval data validating, editing and estimation ("VEE") processes to identify and assess  
19 gaps or missing data for specific meters; and (4) bill calculations and presentment set-up.  
20 Making changes and introducing processes to support these four areas is the only way to  
21 ensure that the Cities being served under these two new rates structures are billed in an  
22 accurate manner. Taking shortcuts will not produce an accurate product and ultimately  
23 could lead to higher costs for rework and ongoing maintenance.

1 SDG&E does not currently have a data platform for integrating with the Cities and  
2 their vendors to allow for the transfer of information, such as each meter's rate and interval  
3 billing data. As part of the discussions during the dimmable streetlighting collaborative  
4 workshops that began on February 19<sup>th</sup>, the Cities indicated that they were working with  
5 several different vendors regarding the metering technology. This was further clarified in a  
6 data request response from CALSLA on July 28<sup>th</sup>, in which CALSLA identified that they  
7 are aware of six different third-party vendors that are working with the Cities.<sup>76</sup> Within  
8 system design, it is critical to understand the different points of integration and the various  
9 technologies that will need to be integrated. Having the potential for at least six different  
10 vendors with different products, specifications and various levels of data quality requires a  
11 flexible system design that can account for any differences in how and when the data is  
12 received. Without having a flexible design, potential errors or significant rework could  
13 occur when new vendors come online. SDG&E's proposal incorporates the need for this  
14 flexible integration platform so that it can accommodate what is needed and avoid additional  
15 significant upgrades in the future.

16 Another key piece of SDG&E's proposal is the upgrade to SDG&E's inventory  
17 management system to ensure the non-utility owned third-party meters that are installed by  
18 the vendors in the field match the meters that are in SDG&E's system. In order to  
19 accurately bill for the service that is being provided, it is imperative that the Cities  
20 communicate any and all changes in service to SDG&E. Ultimately, as these lights are  
21 owned by the customers, it is the participating Cities' responsibility to let SDG&E know of  
22 any changes to any of their services. This includes new metering devices that were installed,

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<sup>76</sup> SDG&E-CALSLA DR-01, Q1.

1 or changes to existing devices and the loads that they are serving. As an example of a  
2 potential issue, assume that one of the Cities installs a meter for an ancillary device, but does  
3 not communicate this information to SDG&E. Although this meter will be sending its usage  
4 data, SDG&E will not have a corresponding meter identified in its inventory to know what  
5 rate to bill the metered usage. In order to address this type of issue and work towards  
6 resolution, SDG&E will be upgrading its inventory management system. This upgrade will  
7 identify potential errors between SDG&E's inventory and the meter information that is  
8 coming from the non-utility owned third-party meters to generate a work item for an analyst  
9 in SDG&E to research. Once the potential error is identified, the analyst will work with the  
10 appropriate City to resolve any discrepancies and any potential corrective billing.  
11 Depending upon the complexity, this may require field visits to verify what has been  
12 installed.

13           One of the most critical upgrades to SDG&E's billing system will be the  
14 implementation of non-utility owned third-party metering and interval data VEE processes  
15 to identify and assess gaps or missing data for specific meters. Based upon SDG&E's  
16 experience with interval data, this type of validation is crucial to ensuring that customers are  
17 billed both accurately and in a timely manner. While SDG&E plans to leverage similar  
18 VEE processes that it has for its Smart Meters, upgrades are still required to SDG&E's  
19 system in order to allow it to identify potential issues in the quality of the interval data that  
20 is coming from the non-utility owned third-party meters. As discussed in the previous  
21 example above, one such validation would be a comparison between the meter's registered  
22 current usage and what it has registered historically. Additional examples of validations that  
23 SDG&E plans to include are: (1) interval data spike checks to ensure that any unusual



1 spikes in energy are reviewed, (2) meter clock checks to ensure that the clock time in the  
2 meter matches what the clock time is in the system so that usage is assigned to the correct  
3 time period, (3) non-communicating meter checks where data has not yet been sent to  
4 SDG&E's billing system at the time of billing and (4) potential metering issues where the  
5 meter is not recording usage despite having a functioning dimmable street light or ancillary  
6 device. The intent behind these data validations and others that SDG&E will be building is  
7 to quickly identify and resolve potential errors. In addition to the data validations, SDG&E  
8 also will be including system changes to allow for the editing (adjusting) of erroneous  
9 interval data that comes in from the non-utility owned third-party meters. In the case where  
10 an accuracy issue is identified with the meter, SDG&E will need the ability to adjust the  
11 interval data to better reflect what was actually used in order to generate an accurate bill.  
12 Finally, SDG&E also will be upgrading its system to allow for configurable interval data  
13 estimation when it is needed to resolve any issues with non-communicating meters or  
14 missing interval data that is identified within the data validation process.

15         In order to accommodate the new proposed streetlighting rates, SDG&E will need to  
16 make significant updates to its billing system for data aggregation, rate configuration, bill  
17 calculation and bill presentment. Due to the volume of expected non-utility owned third-  
18 party meters, SDG&E plans to aggregate metered usage for services that are on the same  
19 rate and billed to the same customer. For instance, if a City has 200 75-watt LED dimmable  
20 street lights, it would not make sense to display each one's individual usage and related  
21 charges as a separate line item on the bill, as the bill would end up being over 20 pages long.  
22 Instead, SDG&E will aggregate all of the usage for the same light or ancillary device for  
23 each customer into one total line item for each light or ancillary device type on the

1 customer's bill. This bill display is similar to how unmetered street lights are displayed  
2 today. However, as the charges will be metered and can vary based upon usage, in order to  
3 implement this approach, SDG&E needs to make significant changes to its billing system to  
4 account for the new data aggregation. To support this process, SDG&E also will need to  
5 build the new Dimmable Street light and Ancillary Device rate structures into its billing  
6 system so that the charges can apply correctly for each aggregated light type and ancillary  
7 device type.

### 8 3. Information Technology ("IT") Software Development

9 In comparing the costs proposed by SDG&E with those proposed by CALSLA, one  
10 of the key differences is the number of hours associated with the IT development and testing  
11 of the software. It is important to compare the number of hours instead of the number of  
12 resources as the resources may not be fully allocated to the entire project and may just  
13 support one or two pieces of the required changes. In order to implement the two new rate  
14 options, SDG&E estimated that it would take 31,185 hours to develop and thoroughly test  
15 the required software.<sup>77</sup> The estimate is based upon previous implementation experience  
16 and the subject matter expertise of SDG&E's IT development and testing teams. As part of  
17 CALSLA witness Alison Lechowicz's testimony, CALSLA provides a comparison of  
18 SDG&E's proposed implementation costs with CALSLA's proposed costs, under which  
19 CALSLA proposes to lower the number of hours to 21,431.<sup>78</sup>

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<sup>77</sup> See SDG&E Workpaper, Dimmable Street Lights - Estimate - Workpapers- Swartz (Chapter 10) v2.

<sup>78</sup> See Appendix F, CALSLA Direct Testimony of Alison Lechowicz.

1 To justify the reduction in hours, CALSLA first states that the use of ITRON  
2 software makes the inclusion of six SDG&E front end application developers redundant.<sup>79</sup>  
3 CALSLA uses this argument to reduce the estimated associated hours by 4,540. CALSLA  
4 bases this argument on a statement found on ITRON's website, advertising the product.  
5 SDG&E is very familiar with ITRON's Meter Data Management ("MDM") product, as this  
6 product handles the data collection and VEE processes for the majority of SDG&E's smart  
7 meters. While the ITRON MDM product has some "off the shelf" functionality, to say that  
8 changes are not required to implement the two new proposed rates is not factually accurate  
9 based upon SDG&E's experience with the product. In order to implement the two new  
10 rates, changes will be required to ensure that the front end is configured correctly and the  
11 VEE processes, as mentioned above, are designed in a way that aligns with the data  
12 validation requirements for ensuring that the interval data coming from the non-utility  
13 owned third-party meters is accurate and any potential issues are identified and resolved  
14 prior to billing. By accepting CALSLA's approach and not fully developing this component  
15 of the software, significant metering and interval data issues may not be identified and  
16 resolved, which could lead to inaccurate billing and large subsequent IT system rework  
17 costs.

18 As part of CALSLA's proposal, CALSLA proposes to remove 1,172 hours  
19 associated with IT billing software development. CALSLA states that for IT billing  
20 changes, "the majority of these staff members are not needed as SDG&E will use  
21 preexisting software (CISCO) for dimmable street light billing."<sup>80</sup> This also is an incorrect  
22 assumption. As stated in detail above, SDG&E will have significant changes to its billing

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<sup>79</sup> CALSLA Direct Testimony of Alison Lechowicz, pgs. 27, lines 25-26.

<sup>80</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 28, lines 8-10.

1 system to accommodate the two new rates, including changes for data aggregation, rate  
2 configuration, bill calculation and bill presentment. In order to ensure overall accuracy and  
3 avoid significant billing issues, the hours and corresponding costs are required.

4 On page 28 of CALSLA witness Alison Lechowicz’s testimony, CALSLA argues  
5 that 960 hours are not needed to support changes to SDG&E’s service order processing.<sup>81</sup>  
6 CALSLA confuses the issue as the 960 hours are not actually for Service Order work. At  
7 SDG&E, the IT team that works on Service Orders also works on Customer System  
8 integration, such as web services (SO/CI team). The Customer System integration hours are  
9 required to support the inventory management processes and online messaging related to the  
10 Dimmable Street lights and Ancillary Devices.<sup>82</sup> To eliminate these hours would cause  
11 issues both with inventory management and the overall integration of the data between the  
12 systems.

13 CALSLA also proposes to significantly reduce – by 3,082 hours - the amount of  
14 quality assurance testing and project management associated with the implementation of the  
15 two new rates. CALSLA witness Lechowicz states, “As little software engineering is  
16 needed, the QA staff and project management should be significantly reduced.”<sup>83</sup> The basis  
17 for this comment is inaccurate for the same reasons mentioned above. CALSLA attempts to  
18 understate the amount of hours and associated costs required for quality assurance testing  
19 and project management by stating that “little software engineering” is required when in fact  
20 significant changes related to systems integrations, inventory management, VEE processing  
21 and bill calculations and presentment are required. The scope of these changes will require

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<sup>81</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 28, lines 16-21.

<sup>82</sup> See “Basis of Estimation” tab, Cells B4 to B30, SDG&E Workpaper, Dimmable Street Lights - Estimate - Workpapers- Swartz (Chapter 10)\_v2.

<sup>83</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 28, lines 20-21.

1 significant time be spent on quality assurance and project management to ensure a  
2 successful and accurate implementation. In addition, by removing the hours associated with  
3 quality assurance testing, CALSLA is proposing to limit the testing for all of the IT software  
4 development changes required for the two new rate options to 640 hours. Limiting the  
5 testing of a large effort like this is a substantial risk and would almost certainly create  
6 accuracy issues with the billing. Quality assurance testing ensures that processes are coded  
7 and developed correctly prior to the actual implementation of any changes to systems.  
8 Quality assurance testimony is a key component to ensuring overall accuracy of processes  
9 and bill calculations. To take a shortcut and not thoroughly test an implementation is a  
10 recipe for errors and likely would lead to increased ongoing maintenance costs to resolve  
11 these errors.

#### 12 4. Labor Loader Costs

13 CALSLA proposes to reduce the associated 97% labor loader that is part of  
14 SDG&E's cost estimate for implementing the two new rate options. Specifically,  
15 "CALSLA finds the labor loader to be excessive. CALSLA conducted an informal survey  
16 and found that labor loaders range from 30% to 50% for public agencies. CALSLA  
17 recommends that SDG&E's labor loader be reduced to about 60%."<sup>84</sup> SDG&E's labor  
18 loader utilized for its cost estimate is consistent with the labor loader used for all IT projects,  
19 as proposed in SDG&E's GRC Phase 1 proceeding. As such, SDG&E recommends that the  
20 Commission reject CALSLA's labor loader cost recommendation.

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<sup>84</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 29, lines 9-11.

1                   5.       IT Hardware Costs and Allowance for Funds Used During  
2   Construction (“AFUDC”) Costs

3                   As part of the implementation of the two new rate options, SDG&E did a thorough  
4 review of the available hardware architectures for supporting this process. This hardware is  
5 required to facilitate core processing, including both the interval data transfer between the  
6 non-utility owned third-party meters and SDG&E’s billing system and the VEE processes.  
7 SDG&E’s review included looking at using an “in-house” hardware approach whereby  
8 SDG&E would purchase and store six new servers on site. An alternative option that was  
9 explored was using a third party “cloud” service for the hardware needs. In reviewing the  
10 two alternatives, it was found that the “in-house” approach of bringing in the servers was  
11 more cost effective in the long run and would be easier to get up and running. In their  
12 Direct Testimony, CALSLA argues that these servers are not needed because “the servers  
13 are made redundant by data storage on the cloud.”<sup>85</sup> CALSLA bases their argument on a  
14 line taken from SDG&E’s Dimmable Streetlight Workpaper that stated “New System will  
15 maintain core processing in the Cloud.”<sup>86</sup> This line in the workpaper was erroneously not  
16 updated to reflect SDG&E’s selected process of using six “in-house” servers for the  
17 hardware needs. As mentioned above, using a “cloud” based architecture would increase the  
18 overall costs for this implementation, so SDG&E has elected to use the “in-house” approach.

19                   CALSLA goes on to recommend that the allowance for funds used during  
20 construction (“AFUDC”) expense related to this implementation be eliminated.<sup>87</sup> AFUDC  
21 is the company’s net cost for borrowed funds used for construction purposes plus a rate on

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<sup>85</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 29, line 17.

<sup>86</sup> See “Basis of Estimation” tab, Cells B4 to B30, SDG&E Workpaper, Dimmable Street Lights - Estimate - Workpapers- Swartz (Chapter 10)\_v2.

<sup>87</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 30, lines 1-5.

1 other funds, such as equity. In general, AFUDC is applied monthly during construction  
2 work-in-progress to projects that will result in plant assets. CALSLA's justification is that  
3 this upgrade will not result in an asset. CALSLA's argument is incorrect as changes to  
4 SDG&E's billing system, such as the implementation of two new rate options, are  
5 considered IT assets and therefore it is reasonable to apply AFUDC to the overall  
6 implementation costs.

7 Based upon this discussion, SDG&E recommends that the Commission reject  
8 CALSLA's cost proposal.

9 6. Implementation Cost Recovery

10 As part of my Supplemental Direct Testimony (Chapter 10), SDG&E proposed that:  
11 "the initial implementation costs be tracked in a balancing account to be off-set with (1) a  
12 one-time upfront fee of \$8,000 per participant and (2) a monthly per-meter fee of \$0.10. In  
13 order to support the Dimmable Street light rate and Ancillary Device rate options, SDG&E  
14 requests authority to open a new Memorandum Account ("MA") to track program revenues  
15 and costs. This two-way interest-bearing MA is needed to record revenues collected from  
16 participants and related incremental implementation program costs. Costs may include  
17 enhancements to SDG&E's systems related to the implementation of the new Dimmable  
18 Street light rate and Ancillary Device rate options. SDG&E proposes to recover costs  
19 through participating customers only in order not to impact non-participating customers.  
20 The one-time upfront fee of \$8,000 would be the same amount regardless of the number of  
21 street lights and ancillary devices that would be served under the two new rate options.

1 Since this approach would result in an undercollection, SDG&E proposes to address the  
2 remaining balance in a future rate proceeding.<sup>88</sup>

3 Witness Lechowicz states in her testimony, that “CALSLA agrees with the concept  
4 of an upfront buy-in cost plus an ongoing implementation fee to be recorded in a balancing  
5 account. CALSLA agrees to work with SDG&E in future general rate cases to evaluate  
6 street lighting billing expenses and rate design.”<sup>89</sup>

7 CALSLA goes on to propose that SDG&E should offer rebates for dimmable  
8 lighting controls and that the rebates should be included in the balancing account mentioned  
9 above to be used to offset the implementation costs. In order to create a rebate, future  
10 evaluation of dimmable controls would be required to determine the cost effectiveness and  
11 value proposition. SDG&E agrees that this recommendation merits further discussion in a  
12 future proceeding.

13 7. Ongoing Maintenance Costs

14 CALSLA argues that it does not understand the differences between SDG&E’s  
15 implementation costs and ongoing maintenance costs and rejects SDG&E’s ongoing  
16 maintenance fee proposal. CALSLA goes on to state that “it appears that SDG&E proposes  
17 to double charge for billing costs that are identified as both implementation costs and  
18 ongoing maintenance costs.”<sup>90</sup>

19 SDG&E strongly disagrees with CALSLA’s statement, which is not accurate. Once  
20 the changes to SDG&E’s billing system have been implemented, there still will be costs  
21 associated with maintaining the changes that were made and new business processes that

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<sup>88</sup> SDG&E Supplemental Direct Testimony of Christopher Swartz (Chapter 10), pg. CS-S-11.

<sup>89</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 30, lines 14-16.

<sup>90</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 31, lines 19-20.



1 were introduced. These costs reflect the ongoing maintenance for supporting the two new  
2 rate options. When it comes to the ongoing maintenance for these new rate options, there  
3 are two categories of costs that will be required: (1) ongoing IT support costs needed to  
4 troubleshoot issues that arise with the changes that were made and (2) costs related to any  
5 additional labor within SDG&E required to complete incremental tasks that were created as  
6 part of the implementation. Both of these costs will be important in ensuring the overall  
7 accuracy and timeliness of the billing for the new rate options.

8 Ongoing IT support costs are needed any time significant changes are made to any  
9 system, including SDG&E's billing system. Technical issues can arise such as errors caused  
10 by unexpected data or enhancements that may be needed to improve the original processing  
11 once the system is up and running. These issues can be as simple as changing a few lines of  
12 common business-oriented language ("COBOL") code, upgrading a table in SDG&E's  
13 database or updating a server that is responsible for the transition of interval data, all of  
14 which may only take a few hours to resolve. The issues also can be very complex, such as  
15 redesigning system integrations to improve processing or updating file structures to better  
16 handle new third-party data, which can take several months to resolve. Regardless of the  
17 issues, these support costs are needed to ensure that the systems remain running at a high  
18 level and are updated with any changes to the processing for these two new rate options.

19 The other category of ongoing maintenance costs related to this implementation will  
20 be the costs related to additional labor within SDG&E's Billing Department and SDG&E's  
21 Advanced Metering Operations Department. As there are incremental tasks with the two  
22 new rate options, incremental resources will be required. In the example provided above,  
23 there were labor costs associated with an analyst who was needed to review the work item

1 that was generated by the system regarding a potential error with the accuracy of the meter.  
2 This analyst was needed to research the error behind the work item and work towards a  
3 resolution. Without this analyst, a meter accuracy issue could continue to persist, leading to  
4 incorrect customer bills.

5 These analysts will be critical and, as discussed in SDG&E’s Supplemental Direct  
6 Testimony (Chapter 10), will be needed to: (1) address and resolve any identified  
7 discrepancies with the meter inventory between the Cities and SDG&E; (2) handle the  
8 incremental exception processing for missing, inaccurate or delayed interval data related to  
9 the data received from the third-party non-utility meters; and (3) troubleshoot the  
10 incremental billing issues related to delayed or estimated bills, such as corrective billing to  
11 adjust for any incorrect third-party metering data or late-metering data that was not received  
12 prior to the monthly billing of the lamps or ancillary devices.<sup>91</sup> Without these resources to  
13 work and resolve issues with meter inventory, meter accuracy, interval data accuracy and/or  
14 billing, this process potentially could have significant billing accuracy and timeliness issues.

15 8. Ongoing Maintenance Cost Recovery

16 As part of my Supplemental Direct Testimony (Chapter 10), “SDG&E proposes a  
17 balancing account to track the ongoing maintenance costs to be offset by an initial monthly  
18 maintenance fee of \$0.45 per meter per month.”<sup>92</sup> In order to support the Dimmable Street  
19 light rate and Ancillary Device rate options, SDG&E requests authority to open a second  
20 MA to track program revenues and costs related to the ongoing maintenance. This two-way  
21 interest-bearing MA is needed to record revenues collected from participants and related  
22 incremental ongoing maintenance program costs. Costs may include (1) ongoing IT support

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<sup>91</sup> SDG&E Supplemental Direct Testimony of Christopher Swartz (Chapter 10), pg. CS-S-11.

<sup>92</sup> SDG&E Supplemental Direct Testimony of Christopher Swartz (Chapter 10), pg. CS-S-12.

1 costs needed to troubleshoot issues that arise with the changes that were made and (2) costs  
2 related to any additional labor within SDG&E required to complete incremental tasks that  
3 were created as part of the implementation. SDG&E proposes to recover costs through  
4 participating customers only in order not to impact non-participating customers. Under this  
5 mechanism, if the estimated costs associated with the ongoing maintenance end up being  
6 lower than expected, SDG&E would re-examine this issue in a future rate proceeding. In  
7 addition, should the costs end up being higher due to unexpected issues with the non-utility  
8 owned third-party meters, or if the implementation costs are reduced and subsequently there  
9 is an increase in the ongoing maintenance costs, SDG&E also would re-examine this in a  
10 future rate proceeding.

11 9. Inventory Management Process

12 CALSLA argues that the information being collected by the dimmable control  
13 modules can be leveraged by SDG&E to supplement street light inventory. CALSLA then  
14 states that SDG&E “should estimate and include customer service cost savings for improved  
15 street light inventory and mapping.”<sup>93</sup> As these are customer-owned street lights, SDG&E  
16 will continue to depend upon the Cities to provide an accurate inventory of both the lamps  
17 and ancillary devices to SDG&E for billing, so it is unclear how this specific information  
18 would actually lead to a cost savings. This process is similar to how the existing unmetered  
19 street light process works, whereby the customer is responsible for notifying SDG&E of any  
20 changes to the lamp types on their streetlights. In cases where inventory discrepancies are  
21 found for unmetered street lights, SDG&E works with the Cities to resolve the issue and  
22 does not foresee that this process will change as part of the new technology.

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<sup>93</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 31, lines 26-28.

1                   10.    Implementation and Ongoing Maintenance Fee Structure

2                   Under SDG&E’s proposal, implementation costs would initially be (1) a one-time  
3                   upfront fee of \$8,000 per participant and (2) a monthly per-meter fee of \$0.10 and ongoing  
4                   maintenance costs would be a monthly per meter fee of \$0.45. This same structure would  
5                   apply for all dimmable street lights, regardless of lamp type, and for all ancillary devices  
6                   taking service under the two new rate options. In the Prepared Direct Testimony of  
7                   CALSLA witness Alison Lechowicz, CALSLA proposes an alternate fee structure for the  
8                   dimmable street lights based upon lamp wattage, where lower wattage lamps would pay less  
9                   than the \$0.55 per meter that SDG&E proposed and higher wattage lamps would pay more,  
10                  up to \$1.00 per meter per month. CALSLA proposes this fee structure to help make the  
11                  program more economically feasible for a wider range of lamps.<sup>94</sup>

12                  SDG&E does not agree with CALSLA’s recommendation as the approach does not  
13                  take into account the costs that are being incurred for implementing and supporting each  
14                  service. As stated, the implementation costs are for: (1) systems integration with the  
15                  Cities’/Vendor’s meters and/or databases; (2) inventory management to ensure the meter  
16                  numbers and identifiers are in alignment between the third-party systems and SDG&E’s  
17                  systems; (3) the implementation of non-utility owned third-party metering and interval data  
18                  VEE processes to identify and assess gaps or missing data for specific meters; and (4) bill  
19                  calculations and presentment set-up and the ongoing maintenance costs for ongoing IT-  
20                  support costs needed to troubleshoot issues that arise with the changes that were made and  
21                  (5) costs related to any additional labor within SDG&E required to complete incremental  
22                  tasks that were created as part of the implementation. The costs associated with

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<sup>94</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 33.

1 implementing the billing system changes and the ongoing maintenance for the two new rates  
2 are the same regardless of the lamp wattage that is being served. From a process standpoint,  
3 non-utility owned third-party meters need to transfer interval data to SDG&E's system for  
4 validation and the generation of a customer's bill. Whether this interval data is for usage on  
5 a 52-watt LED or a 137-watt LED, the same process still needs to occur and, as such, the  
6 same costs ultimately will be incurred. Introducing a variable fee structure based upon lamp  
7 wattage will just shift implementation and ongoing maintenance costs between the  
8 customers who are taking service under the two new rate options. This fact supports  
9 SDG&E's approach of a standard cost-per meter per month, as the same costs are incurred  
10 regardless of lamp wattage.

11 11. Ancillary Devices Monthly Service Fee ("MSF")

12 SDG&E proposes a cost-based MSF for the recovery of customer-related distribution  
13 costs, excluding metering costs associated with 0-2 kW demand based on a Schedule UM  
14 customer. Consistent with its other proposals, SDG&E supports a cost-based MSF because  
15 it is important to provide accurate cost signals to customers and to mitigate cost shifts to  
16 other customers. When customer costs are recovered through energy rates instead of fixed  
17 charges, this usage creates a cost shift for other customers.

18 As part of CALSLA's testimony, "CALSLA disputes SDG&E's calculation of  
19 transformer and service costs for ancillary devices. Although ancillary devices represent  
20 new customers connecting to the electric grid, ancillary devices will tap into existing  
21 facilities currently used by street lights. Transformer size and wire size will not be upsized,  
22 nor will the number of runs or service length be increased."<sup>95</sup> SDG&E disagrees with this

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<sup>95</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 35, lines 27-30.

1 statement because the ancillary devices represent a new separately-metered service that will  
2 require SDG&E to incur the same level of distribution transformer and service costs as it  
3 would to serve a 0-2 kW Small Commercial customer.

4 CALSLA goes on to propose an ancillary service MSF that takes the average of  
5 ORA's proposed NCO street light customer access cost (\$0.35/lamp/month) and SDG&E's  
6 current MSF for Schedule UM (\$6.01) to derive a monthly fee of \$3.18.<sup>96</sup> It is unclear why  
7 CALSLA chose to take the average of the two, other than just to propose a MSF that was  
8 lower than SDG&E's proposal. SDG&E disagrees with this averaging approach because the  
9 fee charged the ancillary device should be based upon what it actually costs to provide the  
10 service to the customer. Doing anything other than this will not provide an accurate price  
11 signal and will create a cost shift that other customers will need to pay for.

## 12 **VII. OTHER RATE DESIGN REBUTTAL**

13 My rebuttal testimony responds to the following parties' testimony regarding  
14 SDG&E's other rate design proposals:

- 15 • Under/Over Collection Proposal: ORA witness Nathan Chau (Small  
16 Commercial Rate Design) and Farm Bureau witnesses Laura Norin and  
17 Brandon Charles (Agricultural Rate Design).
- 18 • Bill Impacts Data Provided to the City of San Diego: CSD witness William  
19 Monsen.

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<sup>96</sup> CALSLA Direct Testimony of Alison Lechowicz, pg. 36, lines 1-4.

1           **A.     Under/Over Collection Proposal**

2           ORA and Farm Bureau argue that SDG&E’s proposal to recover CPP revenue under-  
3 collections from all customer classes should be rejected.<sup>97</sup> ORA’s argument misinterprets  
4 SDG&E’s justification for why this is being proposed.

5           ORA incorrectly assumes that it has to do with the number of customers participating  
6 in the dynamic pricing rates.<sup>98</sup> Instead, as referenced in my direct testimony, the reason  
7 SDG&E is proposing to eliminate the under/over collections is due to the dynamic rate  
8 options now being available to all customer classes. Tracking the under/over collections by  
9 customer class is not the normal procedure for tracking cost recovery. As mentioned in my  
10 direct testimony, initially only the Residential and M/L C&I customer classes benefited from  
11 the incentives available through dynamic pricing rates and thus it seemed appropriate to  
12 retain the revenue under/over collection within the customer classes that were eligible for  
13 these dynamic pricing rates.<sup>99</sup> With the introduction of dynamic pricing rates for SDG&E’s  
14 small non-Residential customers, these rate options are no longer limited to specific classes  
15 and all classes can therefore take service under these rate options. For this reason, SDG&E  
16 proposes to eliminate the requirement to retain the revenue under/over collections associated  
17 with dynamic pricing rate incentives within the customer class eligible for the specific  
18 dynamic pricing rate. Instead, SDG&E is proposing to handle any revenue under/over  
19 collections resulting from these dynamic pricing rates/programs as any other revenue  
20 under/over collection, through SDG&E’s balancing accounts.

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<sup>97</sup> ORA Testimony, pg. 8-13, line 20-23 and pg. 8-14, line 1-6 and Farm Bureau Direct Testimony of Laura Norin and Brandon Charles, pgs. 19-21.

<sup>98</sup> SDG&E defines the dynamic pricing rates as the CPP-D rates (M/L C&I, Agricultural), SPP rates (Small Commercial, Residential and Agricultural) and PTR (Residential).

<sup>99</sup> SDG&E Direct Testimony of Christopher Swartz (Chapter 2), pgs. CS-55 and CS-56.

1 In the Direct Testimony of Nathan Chau, ORA also proposes that SDG&E track the  
2 amount of revenue under/over collection for its new cost-based rate option.<sup>100</sup> SDG&E does  
3 not support this proposal. It is unclear what additional value would be provided by having  
4 an under/overcollection just for this rate.

5 **B. Bill Impacts Data Provided to the City of San Diego**

6 As part of two data requests submitted by CSD, SDG&E provided detailed forecasts  
7 of the monthly and annual charges for every City account comparing SDG&E's current  
8 rates, SDG&E's proposed rates and the four TOU scenarios requested by parties for Years 1,  
9 2 and 3 in this proceeding. In a follow-up discussion, due to the volume of calculations,  
10 SDG&E also provided a bill calculation algorithm in Excel that would help CSD in  
11 calculating the step-by-step bill impacts for the City's accounts. Overall, this was a  
12 significant undertaking and in total, SDG&E provided over 950,000 bill impact calculations,  
13 each of which had the corresponding rates, TOU energy usage, fixed charges and demand  
14 charges to help analyze the bill impacts for the City's accounts under the different proposals.

15 In the Direct Testimony of CSD witness William Monsen, Mr. Monsen makes  
16 several statements regarding the bill impact information that was provided by SDG&E.<sup>101</sup>  
17 SDG&E does not agree that the results provided by SDG&E to CSD for the City's bill  
18 impacts were "riddled" with errors and inconsistencies, as there were only two errors, both  
19 of which were addressed promptly by SDG&E. Therefore, to imply that the information  
20 SDG&E provided was unusable in helping CSD to derive the bill impacts for their services  
21 under the different proposals is an inaccurate statement.

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<sup>100</sup> ORA Testimony, 8-16, lines 6-8.

<sup>101</sup> CSD Direct Testimony of William Monsen, pgs. 10-11.



1 **VIII. SUMMARY AND CONCLUSION**

2 In summary, my rebuttal testimony presents SDG&E’s proposed rates, updating the  
3 reference point for the then-current rates effective November 1, 2015 to current rates  
4 effective August 1, 2016, and responds to the prepared direct testimony submitted by  
5 intervening parties in San Diego Gas & Electric’s (“SDG&E”) 2016 General Rate Case  
6 (“GRC”) Phase 2 Application on rate design issues.

7 For the reasons stated in this rebuttal testimony,

- 8 1. The Commission should approve SDG&E’s Small Commercial proposal to increase  
9 the MSF for Small Commercial customers;
- 10 2. The Commission should approve SDG&E’s Small Commercial proposal to re-open  
11 with modifications Schedule A-TOU;
- 12 3. The Commission should approve SDG&E’s Small Commercial proposal for the  
13 Reduce Your Use (“RYU”) Adder;
- 14 4. The Commission should approve SDG&E’s new proposed Two-Period Rate Option  
15 for Small Commercial customers;
- 16 5. The Commission should approve SDG&E’s M/L C&I updated MSF costs associated  
17 with Substation Rates;
- 18 6. The Commission should approve SDG&E’s proposal for M/I C&I moving MSF  
19 towards cost-based levels by increasing 20% each year beginning Year 1; and  
20 moving the recovery of distribution demand charges towards 100% NCD by  
21 increasing the recovery of distribution costs through NCD by 10% each year  
22 (beginning Year 2) and reducing the recovery through on-peak demand charges;
- 23 7. The Commission should approve SDG&E’s Agricultural proposal to increase the  
24 MSF for Agricultural customers on Schedule TOU-PA;

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- 8. The Commission should approve SDG&E’s NCD proposal for Schedule TOU-PA;
  - 9. The Commission should approve SDG&E’s new proposed Two-Period Rate Option for Small Agricultural Customers;
  - 10. The Commission should approve SDG&E’s new proposed Cost-Based Rate Option for Medium and Large Agricultural Customers;
  - 11. The Commission should approve SDG&E’s proposal to eliminate On-Peak Demand Charge Options for Schedule PAT-1;
  - 12. The Commission should approve SDG&E’s proposal for closing LS-1 Class “C” and adopt CMV’s proposal for the one-time transfer fee;
  - 13. The Commission should approve SDG&E’s cost proposal for the implementation and ongoing maintenance of the new Dimmable Streetlight and Ancillary Device Rate Options; and
  - 14. The Commission should approve SDG&E’s Under/Over Collection Proposal.
- This concludes my prepared rebuttal testimony.

**ATTACHMENT A**

**PRESENT RATES**

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DR</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459
12	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190
17	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190
18	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
19		Min Bill kWhr														
1	<b>SCHEDULE DR Medical Baseline</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895
12	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08344	0.00000	0.06686	(0.00021)	0.15009
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08344	0.00000	0.06686	(0.00021)	0.15009
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.16168	0.00000	0.06686	(0.00021)	0.22833
17	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.16168	0.00000	0.06686	(0.00021)	0.22833
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00000	0.13105	(0.00021)	0.18342
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00000	0.13105	(0.00021)	0.18342
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.13105	(0.00021)	0.38666
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.13105	(0.00021)	0.38666
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00000	0.06686	(0.00021)	0.16756
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00000	0.06686	(0.00021)	0.16756
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00000	0.06686	(0.00021)	0.35397
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00000	0.06686	(0.00021)	0.35397
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.0													

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
19		Min Bill kWh															
1	<b>SCHEDULE DR FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
19		Min Bill kWh															
1	<b>SCHEDULE DM</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190	
18	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
19		Min Bill kWh															
1	<b>SCHEDULE DM Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08344	0.00000	0.06686	(0.0002		

## REBUTTAL ATTACHMENT A

### TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DM CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00000	0.13105	(0.00021)	0.18342	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00000	0.13105	(0.00021)	0.18342	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.13105	(0.00021)	0.38666	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.13105	(0.00021)	0.38666	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00000	0.06686	(0.00021)	0.16756	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00000	0.06686	(0.00021)	0.16756	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00000	0.06686	(0.00021)	0.35397	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00000	0.06686	(0.00021)	0.35397	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															
1	<b>SCHEDULE DM CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															



REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DS FERA</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205
10	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936
15	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DS FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641
10	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579
15	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
18	Unit Discount	\$/Day	0.000	(0.130)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(0.130)	0.000	0.000		(0.130)
<b>SCHEDULE DT (CLOSED)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05512	0.00539	0.13105	(0.00021)	0.19135
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459
10	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.13105	(0.00021)	0.39459
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10345	0.00539	0.06686	(0.00021)	0.17549
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190
15	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28986	0.00539	0.06686	(0.00021)	0.36190
16	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DT Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03281	0.00000	0.13105	(0.00021)	0.16365
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895
10	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11811	0.00000	0.13105	(0.00021)	0.24895
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08344	0.00000	0.06686	(0.00021)	0.15009
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08344	0.00000	0.06686	(0.00021)	0.15009
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.16168	0.00000	0.06686	(0.00021)	0.22833
15	Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.16168	0.00000	0.06686		







REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DT-RV FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.07438)	0.00000	0.05258	0.00539	0.13105	(0.00021)	0.18881	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.02605)	0.00000	0.10091	0.00539	0.06686	(0.00021)	0.17295	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06686	(0.00021)	0.35936	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWh	Min Bill kWh															
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.09669)	0.00000	0.03027	0.00000	0.13105	(0.00021)	0.16111	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04606)	0.00000	0.08090	0.00000	0.06686	(0.00021)	0.14755	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06686	(0.00021)	0.22579	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWh	Min Bill kWh															
1	<b>SCHEDULE DR-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.04944)	0.00539	0.33404	(0.00021)	0.28978	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.04944)	0.00539	0.33404	(0.00021)	0.28978	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.33404	(0.00021)	0.59758	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.33404	(0.00021)	0.59758	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.08021	0.00539	0.08234	(0.00021)	0.16773	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.08021	0.00539	0.08234	(0.00021)	0.16773	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.08234	(0.00021)	0.34588	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.08234	(0.00021)	0.34588	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07872	0.00539	0.08522	(0.00021)	0.16912	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07872	0.00539	0.08522	(0.00021)	0.16912	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.08522	(0.00021)	0.34876	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.08522	(0.00021)	0.34876	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08589	0.00539	0.07131	(0.00021)	0.16238	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08589	0.00539	0.07131	(0.00021)	0.16238	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.07131	(0.00021)	0.33485	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25836	0.00539	0.07131	(0.00021)	0.33485	
34	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
39																	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08600)	0.00000	0.33404	(0.00021)	0.24783	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08600)	0.00000	0.33404	(0.00021)	0.24783	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.08631)	0.00000	0.04319	0.00000	0.33404	(0.00021)	0.37702	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.06132	0.00000	0.33404	(0.00021)	0.37702	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.06132	0.00000	0.08234	(0.00021)	0.14345	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.06132	0.00000	0.08234	(0.00021)	0.14345	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13609	0.00000	0.08234	(0.00021)	0.21822	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13609	0.00000	0.08234	(0.00021)	0.21822	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05963	0.00000	0.08522	(0.00021)	0.14464	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05963	0.00000	0.08522	(0.00021)	0.14464	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13503	0.00000	0.08522	(0.00021)	0.22004	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13503	0.00000	0.08522	(0.00021)	0.22004	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06777	0.00000	0.07131	(0.00021)	0.13887	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06777	0.00000	0.07131	(0.00021)	0.13887	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.14016	0.00000	0.07131	(0.00021)	0.21126	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.14016	0.00000	0.07131	(0.00021)	0.21126	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
39												0.00000	0.00000	0.00000		0.00000	
1	<b>SCHEDULE DR-TOU CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.05198)	0.00000	0.33404	(0.00021)	0.28185	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.05198)	0.00000	0.33404	(0.00021)	0.28185	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.33404	(0.00021)	0.58965	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.33404	(0.00021)	0.58965	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.07767	0.00000	0.08234	(0.00021)	0.15980	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.07767	0.00000	0.08234	(0.00021)	0.15980	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.08234	(0.00021)	0.33795	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.08234	(0.00021)	0.33795	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07618	0.00000	0.08522	(0.00021)	0.16119	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07618	0.00000	0.08522	(0.00021)	0.16119	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.08522	(0.00021)	0.34083	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.08522	(0.00021)	0.34083	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08335	0.00000	0.07131	(0.00021)	0.15445	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08335	0.00000	0.07131	(0.00021)	0.15445	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.07131	(0.00021)	0.32692	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00000	0.07131	(0.00021)	0.32692	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
39												0.00000	0.00000	0.00000		0.00000	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08854)	0.00000	0.33404	(0.00021)	0.24529	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08854)	0.00000	0.33404	(0.00021)	0.24529	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.08631)	0.00000	0.04065	0.00000	0.33404	(0.00021)	0.37448	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.08631)	0.00000	0.04065	0.00000	0.33404	(0.00021)	0.37448	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.05878	0.00000	0.08234	(0.00021)	0.14091	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.05878	0.00000	0.08234	(0.00021)	0.14091	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13355	0.00000	0.08234	(0.00021)	0.21568	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13355	0.00000	0.08234	(0.00021)	0.21568	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05709	0.00000	0.08522	(0.00021)	0.14210	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05709	0.00000	0.08522	(0.00021)	0.14210	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13249	0.00000	0.08522	(0.00021)	0.21750	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13249	0.00000	0.08522	(0.00021)	0.21750	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06523	0.00000	0.07131	(0.00021)	0.13633	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06523	0.00000	0.07131	(0.00021)	0.13633	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.13762	0.00000	0.07131	(0.00021)	0.20872	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.13762	0.00000	0.07131	(0.00021)	0.20872	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
39												0.00000	0.00000	0.00000		0.00000	
1	<b>SCHEDULE DR-TOU FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.05198)	0.00539	0.33404	(0.00021)	0.28724	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.17894)	0.00000	(0.05198)	0.00539	0.33404	(0.00021)	0.28724	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.33404	(0.00021)	0.59504	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.33404	(0.00021)	0.59504	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.07767	0.00539	0.08234	(0.00021)	0.16519	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04929)	0.00000	0.07767	0.00539	0.08234	(0.00021)	0.16519	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.08234	(0.00021)	0.34334	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.08234	(0.00021)	0.34334	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07618	0.00539	0.08522	(0.00021)	0.16658	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05078)	0.00000	0.07618	0.00539	0.08522	(0.00021)	0.16658	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.08522	(0.00021)	0.34622	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.08522	(0.00021)	0.34622	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08335	0.00539	0.07131	(0.00021)	0.15984	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.04361)	0.00000	0.08335	0.00539	0.07131	(0.00021)	0.15984	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.07131	(0.00021)	0.33231	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.07131	(0.00021)	0.33231	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000		0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000		0.00000	
39												0.00000	0.00000	0.00000		0.00000	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08854)	0.00000	0.33404	(0.00021)	0.24529	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.21550)	0.00000	(0.08854)	0.00000	0.33404	(0.00021)	0.24529	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.08631)	0.00000	0.04065	0.00000	0.33404	(0.00021)	0.37448	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.08631)	0.00000	0.04065	0.00000	0.33404	(0.00021)	0.37448	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.05878	0.00000	0.08234	(0.00021)	0.14091	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06818)	0.00000	0.05878	0.00000	0.08234	(0.00021)	0.14091	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13355	0.00000	0.08234	(0.00021)	0.21568	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00659	0.00000	0.13355	0.00000	0.08234	(0.00021)	0.21568	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05709	0.00000	0.08522	(0.00021)	0.14210	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.06987)	0.00000	0.05709	0.00000	0.08522	(0.00021)	0.14210	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13249	0.00000	0.08522	(0.00021)	0.21750	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00553	0.00000	0.13249	0.00000	0.08522	(0.00021)	0.21750	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06523	0.00000	0.07131	(0.00021)	0.13633	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.05173)	0.00000	0.06523	0.00000	0.07131	(0.00021)	0.13633	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.13762	0.00000	0.07131	(0.00021)	0.20872	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.01066	0.00000	0.13762	0.00000	0.07131	(0.00021)	0.20872	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
35	Baseline Adjustment-Summer	\$/kWh										0.00000	0.00000	0.00000	0.00000	0.00000	
36	101% to 130% of BL - Summer	\$/kWh										0.00000	0.00000	0.00000	0.00000	0.00000	
37	Baseline Adjustment-Winter	\$/kWh										0.00000	0.00000	0.00000	0.00000	0.00000	
38	101% to 130% of BL - Winter	\$/kWh										0.00000	0.00000	0.00000	0.00000	0.00000	
39												0.00000	0.00000	0.00000	0.00000	0.00000	
1	<b>SCHEDULE DR-SES</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.33349	(0.00021)	0.46817	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.09639	(0.00021)	0.23107	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.07421	(0.00021)	0.20889	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.08255	(0.00021)	0.21723	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.06910	(0.00021)	0.20378	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE DR-SES Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.33349	(0.00021)	0.46278	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.09639	(0.00021)	0.22568	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.07421	(0.00021)	0.20350	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.08255	(0.00021)	0.21184	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.06910	(0.00021)	0.19839	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-SES (CARE)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12696	0.00000	0.33349	(0.00021)	0.46024	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12696	0.00000	0.09639	(0.00021)	0.22314	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12696	0.00000	0.07421	(0.00021)	0.20096	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12696	0.00000	0.08255	(0.00021)	0.20930	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12696	0.00000	0.06910	(0.00021)	0.19585	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
1	<b>SCHEDULE EV-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.32659	(0.00021)	0.46127	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.08632	(0.00021)	0.22100	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.04324	(0.00021)	0.17792	
12	On-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.08483	(0.00021)	0.21951	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.07466	(0.00021)	0.20934	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.05439	(0.00021)	0.18907	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE EV-TOU-2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.32743	(0.00021)	0.46211	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.08923	(0.00021)	0.22391	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.04321	(0.00021)	0.17789	
12	On-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.08144	(0.00021)	0.21612	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.07753	(0.00021)	0.21221	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00539	0.05437	(0.00021)	0.18905	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.32743	(0.00021)	0.45672	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.08923	(0.00021)	0.21852	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.04321	(0.00021)	0.17250	
12	On-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.07753	(0.00021)	0.20682	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.07753	(0.00021)	0.20682	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.00000	0.00000	0.12950	0.00000	0.05437	(0.00021)	0.18366	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	





REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.18342	(0.00021)	0.29878	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.09173	(0.00021)	0.20709	
12	On-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.09722	(0.00021)	0.25615	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.08321	(0.00021)	0.24214	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06378	(0.00021)	0.22271	
15	Baseline Adjustment - Summer	\$/kWh								(0.08530)	0.00000	(0.08530)				(0.08530)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.08530)	0.00000	(0.08530)				(0.08530)	
17	Baseline Adjustment - Winter	\$/kWh								(0.07824)	0.00000	(0.07824)				(0.07824)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.07824)	0.00000	(0.07824)				(0.07824)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.18342	(0.00021)	0.44442	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.13105	(0.00021)	0.39205	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12886	0.00000	0.25582	0.00539	0.09173	(0.00021)	0.35273	
12	On-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.09722	(0.00021)	0.38972	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.08321	(0.00021)	0.37271	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.28732	0.00539	0.06378	(0.00021)	0.35628	
15	Baseline Adjustment - Summer	\$/kWh								(0.20324)	0.00000	(0.20324)				(0.20324)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.20324)	0.00000	(0.20324)				(0.20324)	
17	Baseline Adjustment - Winter	\$/kWh								(0.18641)	0.00000	(0.18641)				(0.18641)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.18641)	0.00000	(0.18641)				(0.18641)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.18342	(0.00021)	0.29878	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.13105	(0.00021)	0.24641	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	(0.01139)	0.00000	0.11557	0.00000	0.09173	(0.00021)	0.20709	
12	On-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.09722	(0.00021)	0.25615	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.08321	(0.00021)	0.24214	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.03218	0.00000	0.15914	0.00000	0.06378	(0.00021)	0.22271	
15	Baseline Adjustment - Summer	\$/kWh								(0.08530)	0.00000	(0.08530)				(0.08530)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.08530)	0.00000	(0.08530)				(0.08530)	
17	Baseline Adjustment - Winter	\$/kWh								(0.07824)	0.00000	(0.07824)				(0.07824)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.07824)	0.00000	(0.07824)				(0.07824)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR-E1</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15767	0.00000	0.28717	0.00539	0.27331	(0.00021)	0.56566	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12120	0.00000	0.25070	0.00539	0.09322	(0.00021)	0.34910	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.11244	0.00000	0.24194	0.00539	0.05000	(0.00021)	0.29712	
12	On-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16221	0.00000	0.29171	0.00539	0.07618	(0.00021)	0.37307	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16038	0.00000	0.28988	0.00539	0.06999	(0.00021)	0.36205	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15858	0.00000	0.28808	0.00539	0.05791	(0.00021)	0.35117	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000</				

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR-E1 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15767	0.00000	0.28463	0.00000	0.27331	(0.00021)	0.55773	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.12120	0.00000	0.24816	0.00000	0.09322	(0.00021)	0.34117	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.11244	0.00000	0.23940	0.00000	0.05000	(0.00021)	0.28919	
12	On-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16221	0.00000	0.28917	0.00000	0.07618	(0.00021)	0.36514	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16036	0.00000	0.26734	0.00000	0.06699	(0.00021)	0.35412	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15858	0.00000	0.28564	0.00000	0.05791	(0.00021)	0.34324	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
1	<b>SCHEDULE TOU-DR-E2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15767	0.00000	0.28717	0.00539	0.27331	(0.00021)	0.56566	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.11787	0.00000	0.24737	0.00539	0.07682	(0.00021)	0.32937	
12	On-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16221	0.00000	0.29171	0.00539	0.07618	(0.00021)	0.37307	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08538	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15966	0.00000	0.28916	0.00539	0.06332	(0.00021)	0.35766	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE TOU-DR-E2 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15767	0.00000	0.28463	0.00000	0.27331	(0.00021)	0.55773	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.11787	0.00000	0.24483	0.00000	0.07682	(0.00021)	0.32144	
12	On-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.16221	0.00000	0.28917	0.00000	0.07618	(0.00021)	0.36514	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08284	0.01241	(0.00004)	0.00180	0.00039	0.00013	0.15966	0.00000	0.28662	0.00000	0.06332	(0.00021)	0.34973	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20324)	0.00000	(0.20324)	0.00000	0.00000	0.00000	(0.20324)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.18641)	0.00000	(0.18641)	0.00000	0.00000	0.00000	(0.18641)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE A</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
5	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
6	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
7	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
10	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
11	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
12	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
13	Non-Coincident Demand																
14	Secondary																
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary																
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary																
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary																
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer																
27	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.11815	(0.00021)	0.24728	
28	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.11786	(0.00021)	0.24662	
29	Winter																
30	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.06106	(0.00021)	0.19019	
31	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.06083	(0.00021)	0.18959	
1	<b>Schedule A (ELI)</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
5	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
6	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
7	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
10	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
11	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
12	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
13	Non-Coincident Demand																
14	Secondary																
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary																
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary																
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary																
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer																
27	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.06983	(0.00021)	0.19160	
28	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.06983	(0.00021)	0.19123	
29	Winter																
30	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.05101	(0.00021)	0.17278	
31	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.05101	(0.00021)	0.17241	

## REBUTTAL ATTACHMENT A

### TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
5	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
6	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
7	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
10	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
11	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
12	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.14869	(0.00021)	0.27782	
28	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.14793	(0.00021)	0.27669	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.11815	(0.00021)	0.24728	
31	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.11760	(0.00021)	0.24636	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.08197	(0.00021)	0.21110	
34	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.08167	(0.00021)	0.21043	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.08577	(0.00021)	0.21490	
37	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.08535	(0.00021)	0.21411	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.07341	(0.00021)	0.20254	
40	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.07308	(0.00021)	0.20184	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.05626	(0.00021)	0.18539	
43	Primary	\$/kWh	0.03077	0.07436	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12358	0.00539	0.05607	(0.00021)	0.18483	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A (ELI)</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
5	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
6	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
7	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00		7.00	
10	5-20 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00		12.00	
11	20-50 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
12	>50 kW	\$/Month	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00		50.00	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.06983	(0.00021)	0.19160	
28	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.06983	(0.00021)	0.19123	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.06983	(0.00021)	0.19160	
31	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.06983	(0.00021)	0.19123	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.06983	(0.00021)	0.19160	
34	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.06983	(0.00021)	0.19123	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.05101	(0.00021)	0.17278	
37	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.05101	(0.00021)	0.17241	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.05101	(0.00021)	0.17278	
40	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.05101	(0.00021)	0.17241	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12198	0.00000	0.05101	(0.00021)	0.17278	
43	Primary	\$/kWh	0.03077	0.07239	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12161	0.00000	0.05101	(0.00021)	0.17241	

# REBUTTAL ATTACHMENT A

## TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE A-TC</b>																
2	Basic Service Fee																
3	Under 5 kW	\$/Month	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00		7.00	0.00	0.00		7.00	
4	Over 5 kW	\$/Month	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00		12.00	0.00	0.00		12.00	
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
7	On Peak Demand																
8	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
10	Energy Charge																
11	Summer	\$/kWh	0.03077	0.05320	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.10242	0.00539	0.06360	(0.00021)	0.17120	
12	Winter	\$/kWh	0.03077	0.05320	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.10242	0.00539	0.06360	(0.00021)	0.17120	
1	<b>SCHEDULE A-TOU</b>																
2	Basic Service Fee																
3	0-5 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
4	5-20 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
5	20-50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
6	>50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.28707	(0.00021)	0.41620	
15	Semi-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.12549	(0.00021)	0.25462	
16	Off-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.10526	(0.00021)	0.23439	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.08090	(0.00021)	0.21003	
19	Semi-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.06903	(0.00021)	0.19816	
20	Off-Peak	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12395	0.00539	0.05267	(0.00021)	0.18180	
1	<b>SCHEDULE A-TOU (ELI)</b>																
2	Basic Service Fee																
3	0-5 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
4	5-20 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
5	20-50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
6	>50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00		19.12	0.00	0.00		19.12	
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.06983	(0.00021)	0.19160	
15	Semi-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.06983	(0.00021)	0.19160	
16	Off-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.06983	(0.00021)	0.19160	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.05101	(0.00021)	0.17278	
19	Semi-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.05101	(0.00021)	0.17278	
20	Off-Peak	\$/kWh	0.03077	0.07276	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000		0.12198	0.00000	0.05101	(0.00021)	0.17278	

# REBUTTAL ATTACHMENT A

## TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE UM</b>															
2	Basic Service Fee	\$/Month	0.00	6.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.01	0.00	0.00		6.01
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Energy Charge															
9	Summer	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.11789	(0.00021)	0.24702
10	Winter	\$/kWh	0.03077	0.07473	0.01609	(0.00004)	0.00186	0.00040	0.00014	0.00000	0.00000	0.12395	0.00539	0.06093	(0.00021)	0.19006
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>															
2	Basic Service Fee	\$/Month														
5	Maximum Demand Charge															
6	Secondary	\$/kW	12.55	16.76	0.00	0.00	0.00	0.00	0.04	0.00	0.00	29.35	0.00	0.00		29.35
7	Primary	\$/kW	12.13	15.95	0.00	0.00	0.00	0.00	0.04	0.00	0.00	28.12	0.00	0.00		28.12
11	Maximum Demand: Summer															
12	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
13	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
14	Maximum Demand: Winter															
15	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Maximum On-Peak Demand: Summer															
18	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.90		9.90
19	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.85		9.85
20	Maximum On-Peak Demand: Winter															
21	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
23	Power Factor	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
24	Energy Charge															
25	On-Peak Energy: Summer															
26	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.10532	(0.00021)	0.11798
27	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.10477	(0.00021)	0.11743
28	Semi-Peak Energy: Summer															
29	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09662	(0.00021)	0.10928
30	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09617	(0.00021)	0.10883
31	Off-Peak Energy: Summer															
32	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.07180	(0.00021)	0.08446
33	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.07154	(0.00021)	0.08420
34	On-Peak Energy: Winter															
35	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09848	(0.00021)	0.11114
36	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09800	(0.00021)	0.11066
37	Semi-Peak Energy: Winter															
38	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.08403	(0.00021)	0.09669
39	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.08366	(0.00021)	0.09632
40	Off-Peak Energy: Winter															
41	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06413	(0.00021)	0.07679
42	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06391	(0.00021)	0.07657

## REBUTTAL ATTACHMENT A

### TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AL-TOU</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	116.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.44	0.00	0.00		116.44	
5	Primary	\$/Month	0.00	31.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.40	0.00	0.00		31.40	
12	Secondary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,630.12	0.00	0.00		16,630.12	
13	Primary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,630.12	0.00	0.00		16,630.12	
14	Transmission	\$/Month	0.00	677.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.54	0.00	0.00		677.54	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	28,063.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,063.31	0.00	0.00		28,063.31	
17	Primary Substation	\$/Month	0.00	28,115.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,115.43	0.00	0.00		28,115.43	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
77																	



REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.10738	(0.00021)	0.12004	
81	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.10682	(0.00021)	0.11948	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.10738	(0.00021)	0.11571	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.10682	(0.00021)	0.11515	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.10212	(0.00021)	0.11045	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09850	(0.00021)	0.11116	
87	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09805	(0.00021)	0.11071	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09850	(0.00021)	0.10683	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09805	(0.00021)	0.10638	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09389	(0.00021)	0.10222	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.07179	(0.00021)	0.08445	
93	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.07154	(0.00021)	0.08420	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.07179	(0.00021)	0.08012	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.07154	(0.00021)	0.07987	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.06864	(0.00021)	0.07697	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09849	(0.00021)	0.11115	
99	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09801	(0.00021)	0.11067	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09849	(0.00021)	0.10682	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09801	(0.00021)	0.10634	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.09379	(0.00021)	0.10212	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.08403	(0.00021)	0.09669	
105	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.08366	(0.00021)	0.09632	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.08403	(0.00021)	0.09236	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.08366	(0.00021)	0.09199	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.08019	(0.00021)	0.08852	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.06412	(0.00021)	0.07678	
111	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.06391	(0.00021)	0.07657	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.06412	(0.00021)	0.07245	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.06391	(0.00021)	0.07224	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00539	0.06133	(0.00021)	0.06966	

## REBUTTAL ATTACHMENT A

### TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AL-TOU (ELI)</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	116.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.44	0.00	0.00		116.44	
5	Primary	\$/Month	0.00	31.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.40	0.00	0.00		31.40	
12	Secondary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,630.12	0.00	0.00		16,630.12	
13	Primary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,630.12	0.00	0.00		16,630.12	
14	Transmission	\$/Month	0.00	677.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	677.54	0.00	0.00		677.54	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	28,063.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,063.31	0.00	0.00		28,063.31	
17	Primary Substation	\$/Month	0.00	28,115.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,115.43	0.00	0.00		28,115.43	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
77																	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07061	(0.00021)	0.07628	
81	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07060	(0.00021)	0.07627	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07061	(0.00021)	0.07355	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07060	(0.00021)	0.07354	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07050	(0.00021)	0.07344	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07043	(0.00021)	0.07610	
87	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07042	(0.00021)	0.07609	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07043	(0.00021)	0.07337	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07042	(0.00021)	0.07336	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.07034	(0.00021)	0.07328	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.06854	(0.00021)	0.07421	
93	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.06854	(0.00021)	0.07421	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.06854	(0.00021)	0.07148	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.06854	(0.00021)	0.07148	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.06854	(0.00021)	0.07148	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
99	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
105	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05009	(0.00021)	0.05303	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05008	(0.00021)	0.05575	
111	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05008	(0.00021)	0.05575	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05008	(0.00021)	0.05302	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05008	(0.00021)	0.05302	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000		0.00315	0.00000	0.05008	(0.00021)	0.05302	
1	<b>SCHEDULE DG-R</b>																
2	Basic Service Fee																
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	465.74	0.00	0.00	0.00	0.00	0.00	0.00		465.74	0.00	0.00		465.74	
11	Primary	\$/Month	0.00	37.35	0.00	0.00	0.00	0.00	0.00	0.00		37.35	0.00	0.00		37.35	
12	Secondary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00		16,630.12	0.00	0.00		16,630.12	
13	Primary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00		16,630.12	0.00	0.00		16,630.12	
14	Transmission	\$/Month	0.00	677.54	0.00	0.00	0.00	0.00	0.00	0.00		677.54	0.00	0.00		677.54	
15	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00		3,000.00	0.00	0.00		3,000.00	
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00		1.23	0.00	0.00		1.23	
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17	
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00		1.22	0.00	0.00		1.22	
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00		3.13	0.00	0.00		3.13	
20	Maximum Demand																
21	Secondary	\$/kW	11.30	0.07	0.00	0.00	0.00	0.00	0.04	0.00		11.41	0.00	0.00		11.41	
22	Primary	\$/kW	10.92	0.17	0.00	0.00	0.00	0.00	0.04	0.00		11.13	0.00	0.00		11.13	
23	Secondary Substation	\$/kW	11.30	0.00	0.00	0.00	0.00	0.00	0.04	0.00		11.34	0.00	0.00		11.34	
24	Primary Substation	\$/kW	10.92	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.96	0.00	0.00		10.96	
25	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
26	Non-Coincident Demand with Off Peak Exemption																
27	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
28	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
31	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
32	Maximum On-Peak Demand: Summer																
33	Secondary	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00		2.03	0.00	0.00		2.03	
34	Primary	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.96	0.00	0.00		1.96	
35	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00		2.03	0.00	0.00		2.03	
36	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.96	0.00	0.00		1.96	
37	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	0.00		1.94	
38	Maximum On-Peak Demand: Winter																
39	Secondary	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.61	0.00	0.00		0.61	
40	Primary	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
41	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00											

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
49	Transmission	\$kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	<b>SCHEDULE DG-R (continued)</b>																
51	On-Peak Energy: Summer																
52	Secondary	\$kWh	(0.00951)	0.05013	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05482	0.00539	0.29986	(0.00021)	0.35986	
53	Primary	\$kWh	(0.00951)	0.04990	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05459	0.00539	0.29931	(0.00021)	0.35908	
54	Secondary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.29986	(0.00021)	0.31252	
55	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.29931	(0.00021)	0.31197	
56	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.29460	(0.00021)	0.30726	
57	Semi-Peak Energy: Summer																
58	Secondary	\$kWh	(0.00951)	0.05013	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05482	0.00539	0.15050	(0.00021)	0.21050	
59	Primary	\$kWh	(0.00951)	0.04990	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05459	0.00539	0.15004	(0.00021)	0.20981	
60	Secondary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.15050	(0.00021)	0.16316	
61	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.15004	(0.00021)	0.16270	
62	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.14589	(0.00021)	0.15855	
63	Off-Peak Energy: Summer																
64	Secondary	\$kWh	(0.00951)	0.05013	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05482	0.00539	0.12280	(0.00021)	0.18280	
65	Primary	\$kWh	(0.00951)	0.04990	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05459	0.00539	0.12254	(0.00021)	0.18231	
66	Secondary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.12280	(0.00021)	0.13546	
67	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.12254	(0.00021)	0.13520	
68	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.11964	(0.00021)	0.13230	
69	On-Peak Energy: Winter																
70	Secondary	\$kWh	(0.00951)	0.05013	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05482	0.00539	0.09849	(0.00021)	0.15849	
71	Primary	\$kWh	(0.00951)	0.04990	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05459	0.00539	0.09801	(0.00021)	0.15778	
72	Secondary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09849	(0.00021)	0.11115	
73	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09801	(0.00021)	0.11067	
74	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.09379	(0.00021)	0.10645	
79	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.08366	(0.00021)	0.09632	
80	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.08019	(0.00021)	0.09285	
81	Off-Peak Energy: Winter																
82	Secondary	\$kWh	(0.00951)	0.05013	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05482	0.00539	0.06412	(0.00021)	0.12412	
83	Primary	\$kWh	(0.00951)	0.04990	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.05459	0.00539	0.06391	(0.00021)	0.12368	
84	Secondary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.05412	(0.00021)	0.07678	
85	Primary Substation	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.06391	(0.00021)	0.07657	
86	Transmission	\$kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00748	0.00539	0.06133	(0.00021)	0.07399	

# REBUTTAL ATTACHMENT A

## TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AY-TOU (CLOSED)</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	116.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.44	0.00	0.00		116.44	
4	Primary	\$/Month	0.00	31.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.40	0.00	0.00		31.40	
5	Transmission	\$/Month	0.00	169.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	169.34	0.00	0.00		169.34	
6	Non-Coincident Demand																
7	Secondary	\$/kW	11.30	12.43	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.77	0.00	0.00		23.77	
8	Primary	\$/kW	10.92	12.23	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.19	0.00	0.00		23.19	
9	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.84	0.00	0.00		10.84	
10	Non-Coincident Demand with Off Peak Exemption																
11	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
14	Maximum On-Peak Demand: Summer																
15	Secondary	\$/kW	2.03	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.48	0.00	9.92		19.40	
16	Primary	\$/kW	1.96	7.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	9.87		19.17	
17	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	9.43		11.37	
18	Maximum On-Peak Demand: Winter																
19	Secondary	\$/kW	0.61	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.06	0.00	0.00		8.06	
20	Primary	\$/kW	0.59	7.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.93	0.00	0.00		7.93	
21	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
22	Power Factor																
23	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
24	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
25	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
26	On-Peak Energy: Summer																
27	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.10738	(0.00021)	0.12004	
28	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.10682	(0.00021)	0.11948	
29	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.10212	(0.00021)	0.11478	
30	Semi-Peak Energy: Summer																
31	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09850	(0.00021)	0.11116	
32	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09805	(0.00021)	0.11071	
33	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.09389	(0.00021)	0.10655	
34	Off-Peak Energy: Summer																
35	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.07179	(0.00021)	0.08445	
36	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.07154	(0.00021)	0.08420	
37	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06864	(0.00021)	0.08130	
42	Semi-Peak Energy: Winter																
43	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.08403	(0.00021)	0.09669	
44	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.08366	(0.00021)	0.09632	
45	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.08019	(0.00021)	0.09285	
46	Off-Peak Energy: Winter																
47	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06412	(0.00021)	0.07678	
48	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06391	(0.00021)	0.07657	
49	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000	0.00000	0.00748	0.00539	0.06133	(0.00021)	0.07399	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>																
51	Basic Service Fee																
52	Secondary	\$/Month	0.00	116.44	0.00	0.00	0.00	0.00	0.00	0.00		116.44	0.00	0.00		116.44	
53	Primary	\$/Month	0.00	31.40	0.00	0.00	0.00	0.00	0.00	0.00		31.40	0.00	0.00		31.40	
54	Transmission	\$/Month	0.00	169.34	0.00	0.00	0.00	0.00	0.00	0.00		169.34	0.00	0.00		169.34	
55	Non-Coincident Demand																
56	Secondary	\$/kW	11.30	12.43	0.00	0.00	0.00	0.00	0.04	0.00		23.77	0.00	0.00		23.77	
57	Primary	\$/kW	10.92	12.23	0.00	0.00	0.00	0.00	0.04	0.00		23.19	0.00	0.00		23.19	
58	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
59	Non-Coincident Demand with Off Peak Exemption																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
62	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
63	Maximum On-Peak Demand: Summer																
64	Secondary	\$/kW	2.03	7.45	0.00	0.00	0.00	0.00	0.00	0.00		9.48	0.00	9.92		19.40	
65	Primary	\$/kW	1.96	7.34	0.00	0.00	0.00	0.00	0.00	0.00		9.30	0.00	9.87		19.17	
66	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	9.43		11.37	
67	Maximum On-Peak Demand: Winter																
68	Secondary	\$/kW	0.61	7.45	0.00	0.00	0.00	0.00	0.00	0.00		8.06	0.00	0.00		8.06	
69	Primary	\$/kW	0.59	7.34	0.00	0.00	0.00	0.00	0.00	0.00		7.93	0.00	0.00		7.93	
70	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
74	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
75	On-Peak Energy: Summer																
76	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07061	(0.00021)	0.07628	
77	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07060	(0.00021)	0.07609	
78	Transmission	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07050	(0.00021)	0.07617	
79	Semi-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07043	(0.00021)	0.07610	
81	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07042	(0.00021)	0.07609	
82	Transmission	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.07034	(0.00021)	0.07601	
83	Off-Peak Energy: Summer																
84	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.06854	(0.00021)	0.07421	
85	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.06854	(0.00021)	0.07421	
86	Transmission	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.06854	(0.00021)	0.07421	
87	On-Peak Energy: Winter																
88	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
89	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
90	Transmission	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05009	(0.00021)	0.05576	
95	Off-Peak Energy: Winter																
96	Secondary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05008	(0.00021)	0.05575	
97	Primary	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05008	(0.00021)	0.05575	
98	Transmission	\$/kWh	(0.00951)	0.00119	0.01238	(0.00004)	0.00154	0.00031	0.00001	0.00000		0.00588	0.00000	0.05008	(0.00021)	0.05575	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE A6-TOU</b>																
2	Basic Service Fee	\$/Month															
3	Greater than 500 kW																
4	Primary	\$/Month	0.00	37.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.35	0.00	0.00		37.35	
5	Primary Substation	\$/Month	0.00	16,630.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16,630.12	0.00	0.00		16,630.12	
6	Transmission	\$/Month	0.00	1,206.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,206.96	0.00	0.00		1,206.96	
7	Greater than 12 MW -- Pri. Sub.	\$/Month	0.00	28,115.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,115.43	0.00	0.00		28,115.43	
8	Distance Adjustment Fee OH	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
9	Distance Adjustment Fee UG	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
10	Non-Coincident Demand																
11	Primary	\$/kW	10.92	12.34	0.00	0.00	0.57	0.00	0.04	0.00	0.00	23.87	0.00	0.00		23.87	
12	Primary Substation	\$/kW	10.92	1.04	0.00	0.00	0.57	0.00	0.04	0.00	0.00	12.57	0.00	0.00		12.57	
13	Transmission	\$/kW	10.80	1.04	0.00	0.00	0.57	0.00	0.04	0.00	0.00	12.45	0.00	0.00		12.45	
14	Non-Coincident Demand with Off Peak Exemption																
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
17	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Maximum Demand at Time of System Peak: Summer																
19	Primary	\$/kW	2.37	8.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.72	0.00	9.87		20.59	
20	Primary Substation	\$/kW	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	9.87		12.24	
21	Transmission	\$/kW	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.00	9.43		11.78	
22	Maximum Demand at Time of System Peak: Winter																
23	Primary	\$/kW	0.64	7.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.99	0.00	0.00		7.99	
24	Primary Substation	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64	
25	Transmission	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64	
26	Power Factor																
27	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
28	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
29	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
30	On-Peak Energy: Summer																
31	Primary	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.10682	(0.00021)	0.11515	
32	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.10682	(0.00021)	0.11515	
33	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.10212	(0.00021)	0.11045	
34	Semi-Peak Energy: Summer																
35	Primary	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.09805	(0.00021)	0.10638	
36	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.09805	(0.00021)	0.10638	
37	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.09389	(0.00021)	0.10222	
38	Off-Peak Energy: Summer																
39	Primary	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.07154	(0.00021)	0.07987	
40	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.07154	(0.00021)	0.07987	
41	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.06864	(0.00021)	0.07697	
42	On-Peak Energy: Winter																
44	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.09801	(0.00021)	0.10634	
48	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.08366	(0.00021)	0.09199	
50	Off-Peak Energy: Winter																
51	Primary	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.06391	(0.00021)	0.07224	
52	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.06391	(0.00021)	0.07224	
53	Transmission	\$/kWh	(0.00951)	0.00000	0.01238	(0.00004)	0.00000	0.00031	0.00001	0.00000	0.00000	0.00315	0.00539	0.06133	(0.00021)	0.06986	
1	<b>SCHEDULE S</b>																
2	Contracted Demand																
3	Secondary	\$/kW	5.61	7.41	0.00	0.00	0.00	0.00	0.02	0.00	0.00	13.04	0.00	0.00		13.04	
4	Primary	\$/kW	5.41	7.37	0.00	0.00	0.00	0.00	0.02	0.00	0.00	12.80	0.00	0.00		12.80	
5	Secondary Substation	\$/kW	5.61	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	5.63	0.00	0.00		5.63	
6	Primary Substation	\$/kW	5.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	5.43	0.00	0.00		5.43	
7	Transmission	\$/kW	5.36	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	5.38	0.00	0.00		5.38	
1	<b>SCHEDULE OL-TOU</b>																
2	Basic Service Fee																
3	0-5 kW	\$/Month															
4	5-20 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.12	0.00	0.00		19.12	
5	20-50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.12	0.00	0.00		19.12	
6	> 50 kW	\$/Month	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.12	0.00	0.00		19.12	
7	Non-Coincident Demand																
8	Non-Coincident Demand with Off Peak Exemption																
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.31925	(0.00021)	0.44964	
15	Semi-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.13956	(0.00021)	0.26995	
16	Off-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.11482	(0.00021)	0.24521	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.08825	(0.00021)	0.21864	
19	Semi-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.07530	(0.00021)	0.20569	
20	Off-Peak	\$/kWh	0.03077	0.08011	0.01238	(0.00004)	0.00154	0.00031	0.00014	0.00000	0.00000	0.12521	0.00539	0.05746	(0.00021)	0.18785	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE PA-T-1</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	65.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.93	0.00	0.00		65.93	
4	Primary	\$/Month	0.00	65.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.93	0.00	0.00		65.93	
5	Transmission	\$/Month	0.00	65.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65.93	0.00	0.00		65.93	
6	Non-Coincident Demand																
7	Secondary	\$/kW	4.83	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.85	0.00	0.00		4.85	
8	Primary	\$/kW	4.68	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.70	0.00	0.00		4.70	
9	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00		0.02	
10	Non-Coincident Demand (Excluding Off-Peak)																
11	Secondary	\$/kW	0.00	12.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.67	0.00	0.00		12.67	
12	Primary	\$/kW	0.00	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.60	0.00	0.00		12.60	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
14	Demand: On-Peak: Summer																
15	Option C																
16	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38		5.38	
17	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35		5.35	
18	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12		5.12	
19	Option D																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38		5.38	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35		5.35	
22	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12		5.12	
23	Option E																
24	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38		5.38	
25	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35		5.35	
26	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12		5.12	
27	Option F																
28	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38		5.38	
29	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.35		5.35	
30	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.12		5.12	
31	Demand: On-Peak: Winter																
32	Option C																
33	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
36	Option D																
37	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
38	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
39	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
40	Option E																
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
43	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
44	Option F																
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
47	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
48	Demand: Semi-Peak																
49	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	On-Peak Energy: Summer																
53	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.09618	(0.00021)		0.10631	
54	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.09569	(0.00021)		0.10782	
55	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.09147	(0.00021)		0.10360	
56	Semi-Peak Energy: Summer																
57	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.09097	(0.00021)		0.10310	
58	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.09054	(0.00021)		0.10267	
59	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.08670	(0.00021)		0.09883	
60	Off-Peak Energy: Summer																
61	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.06357	(0.00021)		0.07570	
62	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.06335	(0.00021)		0.07548	
66	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.08957	(0.00021)		0.10170	
67	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.08572	(0.00021)		0.09785	
68	Semi-Peak Energy: Winter																
69	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.07680	(0.00021)		0.08893	
70	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.07646	(0.00021)		0.08859	
71	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.07329	(0.00021)		0.08542	
72	Off-Peak Energy: Winter																
73	Secondary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.05861	(0.00021)		0.07074	
74	Primary	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.05841	(0.00021)		0.07054	
75	Transmission	\$/kWh	(0.00951)	0.00279	0.01238	(0.00004)	0.00101	0.00031	0.00001	0.00000	0.00695	0.00539	0.05605	(0.00021)		0.06818	



REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	SCHEDULE PA															
2	Less than 20 kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.23	0.00	0.00		18.23
5	Primary	\$/Month	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.23	0.00	0.00		18.23
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.10128	(0.00021)	0.18857
22	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.10128	(0.00021)	0.18857
23	Winter															
24	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06794	(0.00021)	0.15523
25	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06794	(0.00021)	0.15523
26	Greater than 20 kW															
27	Basic Service Fee															
28	Secondary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
29	Primary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
30	Non-Coincident Demand															
31	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
32	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
33	Non-Coincident Demand with Off Peak Exemption															
34	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
35	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
36	On Peak Demand															
40	Winter															
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
43	Energy Charge															
44	Summer															
45	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.10128	(0.00021)	0.18857
46	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.10128	(0.00021)	0.18857
47	Winter															
48	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06794	(0.00021)	0.15523
49	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06794	(0.00021)	0.15523

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-PA</b>															
2	Less than 20kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.23	0.00	0.00		18.23
5	Primary	\$/Month	0.00	18.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.23	0.00	0.00		18.23
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	On-Peak															
22	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.16944	(0.00021)	0.25673
23	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.16944	(0.00021)	0.25673
27	Off-Peak															
28	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.09340	(0.00021)	0.18069
29	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.09340	(0.00021)	0.18069
30	Winter															
31	On-Peak															
32	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06967	(0.00021)	0.15696
33	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06967	(0.00021)	0.15696
34	Semi-Peak															
35	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.05962	(0.00021)	0.14691
36	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.05962	(0.00021)	0.14691
37	Off-Peak															
38	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.04570	(0.00021)	0.13299
39	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.04570	(0.00021)	0.13299
40	Greater than or equal to 20kW															
41	Basic Service Fee															
42	Secondary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
43	Primary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
44	Non-Coincident Demand															
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
47	Non-Coincident Demand with Off Peak Exemption															
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
50	On Peak Demand															
51	Summer															
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57		3.57
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57		3.57
54	Winter															
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
57	Energy Charge															
58	Summer															
59	On-Peak															
60	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.14929	(0.00021)	0.23658
61	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.14929	(0.00021)	0.23658
62	Semi-Peak															
63	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.11680	(0.00021)	0.20409
64	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.11680	(0.00021)	0.20409
65	Off-Peak															
66	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.08237	(0.00021)	0.16966
67	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.08237	(0.00021)	0.16966
68	Winter															
69	On-Peak															
70	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.07853	(0.00021)	0.16582
71	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.07853	(0.00021)	0.16582
72	Semi-Peak															
73	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06721	(0.00021)	0.15450
74	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.06721	(0.00021)	0.15450
75	Off-Peak															
76	Secondary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.05151	(0.00021)	0.13880
77	Primary	\$/kWh	0.01089	0.05448	0.01530	(0.00004)	0.00101	0.00040	0.00007	0.00000	0.00000	0.08211	0.00539	0.05151	(0.00021)	0.13880

## REBUTTAL ATTACHMENT A

### TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**\$/LAMP CALCULATIONS BY COS REQUEST**

SUMMARY OF USAGE/LAMP																	LINE			
Hours per year																	NO.			
4,165																				
Hours per month																				
347																				
LINE NO.	Average Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)	UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)																
1			LS-1, Mercury Vapor, Class A, Reactor Ballast																	1
2	192	67	175		1.30	10.91	0.34	0.00	0.00	0.02	0.01	0.00	12.58	0.36113	4.39185	(0.01411)	17.31887	(0.00469)	2	
3			LS-1, Mercury Vapor, Class A, Regulator Ballast																	3
4	210	73	175	7000	1.42	11.19	0.37	0.00	0.00	0.02	0.01	0.00	13.01	0.39347	4.78515	(0.01537)	18.17325	(0.00511)	4	
5	460	160	400	20000	3.12	17.75	0.80	(0.01)	0.00	0.04	0.02	0.00	21.72	0.86240	10.48800	(0.03369)	33.03671	(0.01120)	5	
6			LS-1, Mercury Vapor, Class C, 1-Lamp																	6
7	460	160	400	20000	3.12	36.10	0.80	(0.01)	0.00	0.04	0.02	0.00	40.07	0.86240	10.48800	(0.03369)	51.38671	(0.01120)	7	
8			LS-1, HPSV, Class A																	8
9	101	35	70	5800	0.68	8.63	0.18	0.00	0.00	0.01	0.00	0.00	9.50	0.18865	2.29425	(0.00737)	11.97553	(0.00245)	9	
10	141	49	100	9500	0.95	9.30	0.25	0.00	0.00	0.01	0.00	0.00	10.51	0.26411	3.21195	(0.01032)	13.97574	(0.00343)	10	
11	193	67	150	16000	1.31	10.15	0.34	0.00	0.00	0.02	0.01	0.00	11.83	0.36113	4.39185	(0.01411)	16.56887	(0.00469)	11	
12	246	85	200	22000	1.67	12.06	0.43	0.00	0.00	0.02	0.01	0.00	14.19	0.45815	5.57175	(0.01790)	20.20200	(0.00595)	12	
13	313	109	250	30000	2.12	13.26	0.55	0.00	0.00	0.03	0.01	0.00	15.97	0.58751	7.14495	(0.02295)	23.67951	(0.00763)	13	
14	476	165	400	50000	3.22	15.64	0.83	(0.01)	0.00	0.04	0.02	0.00	19.74	0.88935	10.81575	(0.03474)	31.41036	(0.01155)	14	
15			LS-1, HPSV, Class B, 1-Lamp																	15
16	101	35	70	5800	0.68	11.63	0.18	0.00	0.00	0.01	0.00	0.00	12.50	0.18865	2.29425	(0.00737)	14.97553	(0.00245)	16	
17	141	49	100	9500	0.95	12.12	0.25	0.00	0.00	0.01	0.00	0.00	13.33	0.26411	3.21195	(0.01032)	16.79574	(0.00343)	17	
18	193	67	150	16000	1.31	12.88	0.34	0.00	0.00	0.02	0.01	0.00	14.56	0.36113	4.39185	(0.01411)	19.29887	(0.00469)	18	
19	246	85	200	22000	1.67	14.02	0.43	0.00	0.00	0.02	0.01	0.00	16.15	0.45815	5.57175	(0.01790)	22.16200	(0.00595)	19	
20	313	109	250	30000	2.12	15.22	0.55	0.00	0.00	0.03	0.01	0.00	17.93	0.58751	7.14495	(0.02295)	25.63951	(0.00763)	20	
21	476	165	400	50000	3.22	19.10	0.83	(0.01)	0.00	0.04	0.02	0.00	23.20	0.88935	10.81575	(0.03474)	34.87036	(0.01155)	21	
22			LS-1, HPSV, Class B, 2-Lamp																	22
23	101	35	70	5800	0.68	10.51	0.18	0.00	0.00	0.01	0.00	0.00	11.38	0.18865	2.29425	(0.00737)	13.85553	(0.00245)	23	
24	141	49	100	9500	0.95	11.09	0.25	0.00	0.00	0.01	0.00	0.00	12.30	0.26411	3.21195	(0.01032)	15.76574	(0.00343)	24	
25	193	67	150	16000	1.31	11.87	0.34	0.00	0.00	0.02	0.01	0.00	13.55	0.36113	4.39185	(0.01411)	18.28887	(0.00469)	25	
26	246	85	200	22000	1.67	12.89	0.43	0.00	0.00	0.02	0.01	0.00	15.02	0.45815	5.57175	(0.01790)	21.03200	(0.00595)	26	
27	313	109	250	30000	2.12	14.18	0.55	0.00	0.00	0.03	0.01	0.00	16.89	0.58751	7.14495	(0.02295)	24.59951	(0.00763)	27	
28	476	165	400	50000	3.22	18.10	0.83	(0.01)	0.00	0.04	0.02	0.00	22.20	0.88935	10.81575	(0.03474)	33.87036	(0.01155)	28	
29			LS-1, HPSV, Class C, 1-Lamp																	29
30	101	35	70	5800	0.68	17.73	0.18	0.00	0.00	0.01	0.00	0.00	18.60	0.18865	2.29425	(0.00737)	21.07553	(0.00245)	30	
31	141	49	100	9500	0.95	18.14	0.25	0.00	0.00	0.01	0.00	0.00	19.35	0.26411	3.21195	(0.01032)	22.81574	(0.00343)	31	
32	193	67	150	16000	1.31	18.87	0.34	0.00	0.00	0.02	0.01	0.00	20.55	0.36113	4.39185	(0.01411)	25.28887	(0.00469)	32	
33	246	85	200	22000	1.67	21.27	0.43	0.00	0.00	0.02	0.01	0.00	23.40	0.45815	5.57175	(0.01790)	29.41200	(0.00595)	33	
34	313	109	250	30000	2.12	22.31	0.55	0.00	0.00	0.03	0.01	0.00	25.02	0.58751	7.14495	(0.02295)	32.72951	(0.00763)	34	
35	476	165	400	50000	3.22	28.37	0.83	(0.01)	0.00	0.04	0.02	0.00	32.47	0.88935	10.81575	(0.03474)	44.14036	(0.01155)	35	
36			LS-1, HPSV, Class C, 2-Lamp																	36
37	101	35	70	5800	0.68	7.50	0.18	0.00	0.00	0.01	0.00	0.00	8.37	0.18865	2.29425	(0.00737)	10.84553	(0.00245)	37	
38	141	49	100	9500	0.95	8.09	0.25	0.00	0.00	0.01	0.00	0.00	9.30	0.26411	3.21195	(0.01032)	12.76574	(0.00343)	38	
39	193	67	150	16000	1.31	8.84	0.34	0.00	0.00	0.02	0.01	0.00	10.52	0.36113	4.39185	(0.01411)	15.25887	(0.00469)	39	
40	246	85	200	22000	1.67	10.85	0.43	0.00	0.00	0.02	0.01	0.00	12.98	0.45815	5.57175	(0.01790)	18.99200	(0.00595)	40	
41	313	109	250	30000	2.12	12.14	0.55	0.00	0.00	0.03	0.01	0.00	14.85	0.58751	7.14495	(0.02295)	22.55951	(0.00763)	41	
42	476	165	400	50000	3.22	13.28	0.83	(0.01)	0.00	0.04	0.02	0.00	17.38	0.88935	10.81575	(0.03474)	29.05036	(0.01155)	42	

# REBUTTAL ATTACHMENT A

## TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**\$/LAMP CALCULATIONS BY COS REQUEST**

SUMMARY OF USAGE/LAMP																		LINE	
Hours per year																		NO.	
4,165																		44	
Hours per month																		45	
347																		46	
LINE NO.	Average Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)	UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.
			WATTS (A)	LUMENS (B)															
43			LS-1, LPSV, Class A																43
44	88	31	55	8000	0.60	11.23	0.15	0.00	0.00	0.01	0.00	0.00	11.99	0.16709	2.03205	(0.00653)	14.18261	(0.00217)	44
45	145	50	90	13500	0.98	12.49	0.25	0.00	0.00	0.01	0.01	0.00	13.74	0.26950	3.27750	(0.01053)	17.27647	(0.00350)	45
46	206	71	135	22500	1.40	13.71	0.36	0.00	0.00	0.02	0.01	0.00	15.50	0.38269	4.65405	(0.01495)	20.52179	(0.00497)	46
47	235	82	180	33000	1.59	14.77	0.41	0.00	0.00	0.02	0.01	0.00	16.80	0.44198	5.37510	(0.01727)	22.59981	(0.00574)	47
48			LS-1, LPSV, Class B, 1-Lamp																48
49	88	31	55	8000	0.60	13.89	0.15	0.00	0.00	0.01	0.00	0.00	14.65	0.16709	2.03205	(0.00653)	16.84261	(0.00217)	49
50	145	50	90	13500	0.98	14.84	0.25	0.00	0.00	0.01	0.01	0.00	16.09	0.26950	3.27750	(0.01053)	19.62647	(0.00350)	50
51	206	71	135	22500	1.40	16.57	0.36	0.00	0.00	0.02	0.01	0.00	18.36	0.38269	4.65405	(0.01495)	23.38179	(0.00497)	51
52	235	82	180	33000	1.59	16.70	0.41	0.00	0.00	0.02	0.01	0.00	18.73	0.44198	5.37510	(0.01727)	24.52981	(0.00574)	52
53			LS-1, LPSV, Class B, 2-Lamp																53
54	88	31	55	8000	0.60	13.32	0.15	0.00	0.00	0.01	0.00	0.00	14.08	0.16709	2.03205	(0.00653)	16.27261	(0.00217)	54
55	145	50	90	13500	0.98	14.34	0.25	0.00	0.00	0.01	0.01	0.00	15.59	0.26950	3.27750	(0.01053)	19.12647	(0.00350)	55
56	206	71	135	22500	1.40	15.99	0.36	0.00	0.00	0.02	0.01	0.00	17.78	0.38269	4.65405	(0.01495)	22.80179	(0.00497)	56
57	235	82	180	33000	1.59	16.18	0.41	0.00	0.00	0.02	0.01	0.00	18.21	0.44198	5.37510	(0.01727)	24.00981	(0.00574)	57
58			LS-1, LPSV, Class C, 1-Lamp																58
59	88	31	55	8000	0.60	19.86	0.15	0.00	0.00	0.01	0.00	0.00	20.62	0.16709	2.03205	(0.00653)	22.81261	(0.00217)	59
60	145	50	90	13500	0.98	20.74	0.25	0.00	0.00	0.01	0.01	0.00	21.99	0.26950	3.27750	(0.01053)	25.52647	(0.00350)	60
61	206	71	135	22500	1.40	23.55	0.36	0.00	0.00	0.02	0.01	0.00	25.34	0.38269	4.65405	(0.01495)	30.36179	(0.00497)	61
62	235	82	180	33000	1.59	24.69	0.41	0.00	0.00	0.02	0.01	0.00	26.72	0.44198	5.37510	(0.01727)	32.51981	(0.00574)	62
63			LS-1, LPSV, Class C, 2-Lamp																63
64	88	31	55	8000	0.60	11.22	0.15	0.00	0.00	0.01	0.00	0.00	11.98	0.16709	2.03205	(0.00653)	14.17261	(0.00217)	64
65	145	50	90	13500	0.98	13.58	0.25	0.00	0.00	0.01	0.01	0.00	14.83	0.26950	3.27750	(0.01053)	18.36647	(0.00350)	65
66	206	71	135	22500	1.40	14.14	0.36	0.00	0.00	0.02	0.01	0.00	15.93	0.38269	4.65405	(0.01495)	20.95179	(0.00497)	66
67	235	82	180	33000	1.59	14.47	0.41	0.00	0.00	0.02	0.01	0.00	16.50	0.44198	5.37510	(0.01727)	22.29981	(0.00574)	67
68			LS-1, Metal Halide, Class A																68
69	132	46	100	8500	0.89	7.97	0.23	0.00	0.00	0.01	0.00	0.00	9.10	0.24794	3.01530	(0.00969)	12.35355	(0.00322)	69
70	207	72	175	12000	1.40	9.14	0.36	0.00	0.00	0.02	0.01	0.00	10.93	0.38808	4.71960	(0.01516)	16.02252	(0.00504)	70
71	288	100	250	18000	1.95	10.50	0.50	0.00	0.00	0.03	0.01	0.00	12.99	0.53900	6.55500	(0.02106)	20.06294	(0.00700)	71
72	444	154	400	32000	3.01	13.49	0.78	(0.01)	0.00	0.04	0.02	0.00	17.33	0.83006	10.09470	(0.03243)	28.22233	(0.01078)	72
73			LS-1, Metal Halide, Class B																73
74	132	46	100	8500	0.89	8.59	0.23	0.00	0.00	0.01	0.00	0.00	9.72	0.24794	3.01530	(0.00969)	12.97355	(0.00322)	74
75	207	72	175	12000	1.40	9.76	0.36	0.00	0.00	0.02	0.01	0.00	11.55	0.38808	4.71960	(0.01516)	16.64252	(0.00504)	75
76	288	100	250	18000	1.95	11.11	0.50	0.00	0.00	0.03	0.01	0.00	13.60	0.53900	6.55500	(0.02106)	20.67294	(0.00700)	76
77	444	154	400	32000	3.01	14.10	0.78	(0.01)	0.00	0.04	0.02	0.00	17.94	0.83006	10.09470	(0.03243)	28.83233	(0.01078)	77
78			LS-1, Metal Halide, Class C																78
79	132	46	100	8500	0.89	20.11	0.23	0.00	0.00	0.01	0.00	0.00	21.24	0.24794	3.01530	(0.00969)	24.49355	(0.00322)	79
80	207	72	175	12000	1.40	21.28	0.36	0.00	0.00	0.02	0.01	0.00	23.07	0.38808	4.71960	(0.01516)	28.16252	(0.00504)	80
81	288	100	250	18000	1.95	22.64	0.50	0.00	0.00	0.03	0.01	0.00	25.13	0.53900	6.55500	(0.02106)	32.20294	(0.00700)	81
82	444	154	400	32000	3.01	25.63	0.78	(0.01)	0.00	0.04	0.02	0.00	29.47	0.83006	10.09470	(0.03243)	40.36233	(0.01078)	82
83			LS-1, Facilities and Rates, Class A																83
84			Non-standard Wood Pole																84
85			30-foot			5.26							5.26				5.26		85
86			35-foot			5.74							5.74				5.74		86
87																			87
88			LS-2, Mercury Vapor, Rate A, Regulator Ballast																88
89	210	73	175	7000	1.42	3.27	0.37	0.00	0.00	0.02	0.01	0.00	5.09	0.39347	4.78515	(0.01537)	10.25325	(0.00511)	89
90	292	101	250	10000	1.98	4.55	0.51	0.00	0.00	0.03	0.01	0.00	7.08	0.54439	6.62055	(0.02127)	14.22367	(0.00707)	90
91	460	160	400	20000	3.12	7.17	0.80	(0.01)	0.00	0.04	0.02	0.00	11.14	0.86240	10.48800	(0.03369)	22.45671	(0.01120)	91
92	780	271	700	35000	5.28	12.15	1.36	(0.01)	0.00	0.07	0.03	0.00	18.88	1.46069	17.76405	(0.05706)	38.04768	(0.01897)	92
93	1,102	382	1000	55000	7.46	17.17	1.93	(0.02)	0.00	0.10	0.04	0.00	26.68	2.05898	25.04010	(0.08043)	53.69865	(0.02674)	93
94			LS-2, Mercury Vapor, Rate A, Reactor Ballast																94
95	192	67	175	7000	1.30	2.99	0.34	0.00	0.00	0.02	0.01	0.00	4.66	0.36113	4.39185	(0.01411)	9.39887	(0.00469)	95

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

\$/LAMP CALCULATIONS BY COS REQUEST

SUMMARY OF USAGE/LAMP																			LINE
Hours per year																			NO.
4,165																			
Hours per month																			
347																			
LINE NO.	Average Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)	UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.
			WATTS (A)	LUMENS (B)															
96			LS-2, Mercury Vapor, Rate A, Series Service																96
97	207	72	175	7000	1.40	4.12	0.36	0.00	0.00	0.02	0.01	0.00	5.91	0.38808	4.71960	(0.01516)	11.00252	(0.00504)	97
98	250	87	250	10000	1.69	4.97	0.44	0.00	0.00	0.02	0.01	0.00	7.13	0.46893	5.70285	(0.01832)	13.28346	(0.00609)	98
99	445	154	400	20000	3.01	8.85	0.78	(0.01)	0.00	0.04	0.02	0.00	12.69	0.83006	10.09470	(0.03243)	23.58233	(0.01078)	99
100	780	271	700	35000	5.28	15.51	1.36	(0.01)	0.00	0.07	0.03	0.00	22.24	1.46069	17.76405	(0.05706)	41.40768	(0.01897)	100
101			LS-2, Mercury Vapor, Rate B, Regulator Ballast																101
102	210	73	175	7000	1.42	4.79	0.37	0.00	0.00	0.02	0.01	0.00	6.61	0.39347	4.78515	(0.01537)	11.77325	(0.00511)	102
103	292	101	250	10000	1.98	6.07	0.51	0.00	0.00	0.03	0.01	0.00	8.60	0.54439	6.62055	(0.02127)	15.74367	(0.00707)	103
104	460	160	400	20000	3.12	8.68	0.80	(0.01)	0.00	0.04	0.02	0.00	12.65	0.86240	10.48800	(0.03369)	23.96671	(0.01120)	104
105			LS-2, Mercury Vapor, Rate B, Series Service																105
106	207	72	175	7000	1.40	5.63	0.36	0.00	0.00	0.02	0.01	0.00	7.42	0.38808	4.71960	(0.01516)	12.51252	(0.00504)	106
107			LS-2, HPSV, Rate A, Energy, Regulator Ballast																107
108	58	20	50	4000	0.39	0.90	0.10	0.00	0.00	0.01	0.00	0.00	1.40	0.10780	1.31100	(0.00421)	2.81459	(0.00140)	108
109	101	35	70	5800	0.68	1.57	0.18	0.00	0.00	0.01	0.00	0.00	2.44	0.18865	2.29425	(0.00737)	4.91553	(0.00245)	109
110	141	49	100	9500	0.95	2.20	0.25	0.00	0.00	0.01	0.00	0.00	3.41	0.26411	3.21195	(0.01032)	6.87574	(0.00343)	110
111	193	67	150	16000	1.31	3.01	0.34	0.00	0.00	0.02	0.01	0.00	4.69	0.36113	4.39185	(0.01411)	9.42887	(0.00469)	111
112	246	85	200	22000	1.67	3.83	0.43	0.00	0.00	0.02	0.01	0.00	5.96	0.45815	5.57175	(0.01790)	11.97200	(0.00595)	112
113	313	109	250	30000	2.12	4.88	0.55	0.00	0.00	0.03	0.01	0.00	7.59	0.58751	7.14495	(0.02295)	15.29951	(0.00763)	113
114	383	133	310	37000	2.59	5.97	0.67	(0.01)	0.00	0.03	0.01	0.00	9.26	0.71687	8.71815	(0.02800)	18.66702	(0.00931)	114
115	476	165	400	50000	3.22	7.42	0.83	(0.01)	0.00	0.04	0.02	0.00	11.52	0.88935	10.81575	(0.03474)	23.19036	(0.01155)	115
116	1,102	382	1000	140000	7.46	17.17	1.93	(0.02)	0.00	0.10	0.04	0.00	26.68	2.05898	25.04010	(0.08043)	53.69865	(0.02674)	116
117			LS-2, HPSV, Rate A, Energy, Reactor Ballast																117
118	50	17	50	4000	0.34	0.78	0.09	0.00	0.00	0.00	0.00	0.00	1.21	0.09163	1.11435	(0.00358)	2.41240	(0.00119)	118
119	83	29	70	5800	0.56	1.29	0.15	0.00	0.00	0.01	0.00	0.00	2.01	0.15631	1.90095	(0.00611)	4.06115	(0.00203)	119
120	117	41	100	9500	0.79	1.82	0.20	0.00	0.00	0.01	0.00	0.00	2.82	0.22099	2.68755	(0.00863)	5.71991	(0.00287)	120
121	171	59	150	16000	1.16	2.66	0.30	0.00	0.00	0.02	0.01	0.00	4.15	0.31801	3.86745	(0.01242)	8.32304	(0.00413)	121
122			LS-2, HPSV, Rate A, Series Service																122
123	64	22	50	4000	0.43	1.27	0.11	0.00	0.00	0.01	0.00	0.00	1.82	0.11858	1.44210	(0.00463)	3.37605	(0.00154)	123
124	108	37	70	5800	0.73	2.15	0.19	0.00	0.00	0.01	0.00	0.00	3.08	0.19943	2.42535	(0.00779)	5.69699	(0.00259)	124
125	121	42	100	9500	0.82	2.41	0.21	0.00	0.00	0.01	0.00	0.00	3.45	0.22638	2.75310	(0.00884)	6.42064	(0.00294)	125
126	174	60	150	16000	1.18	3.46	0.30	0.00	0.00	0.02	0.01	0.00	4.97	0.32340	3.93300	(0.01263)	9.21377	(0.00420)	126
127	233	81	200	22000	1.58	4.63	0.41	0.00	0.00	0.02	0.01	0.00	6.65	0.43659	5.30955	(0.01706)	12.37908	(0.00567)	127
128	313	109	250	30,000	2.12	6.22	0.55	0.00	0.00	0.03	0.01	0.00	8.93	0.58751	7.14495	(0.02295)	16.63951	(0.00763)	128
129			LS-2, HPSV, Rate B, Regulator Ballast																129
130	58	20	50	4000	0.39	2.42	0.10	0.00	0.00	0.01	0.00	0.00	2.92	0.10780	1.31100	(0.00421)	4.33459	(0.00140)	130
131	101	35	70	5800	0.68	3.09	0.18	0.00	0.00	0.01	0.00	0.00	3.96	0.18865	2.29425	(0.00737)	6.43553	(0.00245)	131
132	141	49	100	9500	0.95	3.71	0.25	0.00	0.00	0.01	0.00	0.00	4.92	0.26411	3.21195	(0.01032)	8.38574	(0.00343)	132
133	193	67	150	16000	1.31	4.52	0.34	0.00	0.00	0.02	0.01	0.00	6.20	0.36113	4.39185	(0.01411)	10.93887	(0.00469)	133
134	246	85	200	22000	1.67	5.35	0.43	0.00	0.00	0.02	0.01	0.00	7.48	0.45815	5.57175	(0.01790)	13.49200	(0.00595)	134
135	313	109	250	30000	2.12	6.39	0.55	0.00	0.00	0.03	0.01	0.00	9.10	0.58751	7.14495	(0.02295)	16.80951	(0.00763)	135
136	383	133	310	37000	2.59	7.48	0.67	(0.01)	0.00	0.03	0.01	0.00	10.77	0.71687	8.71815	(0.02800)	20.17702	(0.00931)	136
137	476	165	400	50000	3.22	8.93	0.83	(0.01)	0.00	0.04	0.02	0.00	13.03	0.88935	10.81575	(0.03474)	24.70036	(0.01155)	137
138	1,102	382	1000	140000	7.46	18.69	1.93	(0.02)	0.00	0.10	0.04	0.00	28.20	2.05898	25.04010	(0.08043)	55.21865	(0.02674)	138
139			LS-2, HPSV, Rate B, Reactor Ballast																139
140	50	17	50	4000	0.34	2.30	0.09	0.00	0.00	0.00	0.00	0.00	2.73	0.09163	1.11435	(0.00358)	3.93240	(0.00119)	140
141	83	29	70	5800	0.56	2.81	0.15	0.00	0.00	0.01	0.00	0.00	3.53	0.15631	1.90095	(0.00611)	5.58115	(0.00203)	141
142	117	41	100	9500	0.79	3.34	0.20	0.00	0.00	0.01	0.00	0.00	4.34	0.22099	2.68755	(0.00863)	7.23991	(0.00287)	142
143	171	59	150	16000	1.16	4.18	0.30	0.00	0.00	0.02	0.01	0.00	5.67	0.31801	3.86745	(0.01242)	9.84304	(0.00413)	143
144			LS-2, HPSV, Rate B, Series Service																144
145	64	22	50	4000	0.43	2.79	0.11	0.00	0.00	0.01	0.00	0.00	3.34	0.11858	1.44210	(0.00463)	4.89605	(0.00154)	145
146	108	37	70	5800	0.73	3.67	0.19	0.00	0.00	0.01	0.00	0.00	4.60	0.19943	2.42535	(0.00779)	7.21699	(0.00259)	146
147	121	42	100	9500	0.82	3.92	0.21	0.00	0.00	0.01	0.00	0.00	4.96	0.22638	2.75310	(0.00884)	7.93064	(0.00294)	147
148	174	60	150	16000	1.18	4.98	0.30	0.00	0.00	0.02	0.01	0.00	6.49	0.32340	3.93300	(0.01263)	10.73377	(0.00420)	148
149	233	81	200	22000	1.58	6.15	0.41	0.00	0.00	0.02	0.01	0.00	8.17	0.43659	5.30955	(0.01706)	13.89908	(0.00567)	149
150	313	109	250	30,000	2.12	7.74	0.55	0.00	0.00	0.03	0.01	0.00	10.45	0.58751	7.14495	(0.02295)	18.15951	(0.00763)	150

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

\$/LAMP CALCULATIONS BY COS REQUEST

SUMMARY OF USAGE/LAMP																			LINE NO.
Hours per year																			
4,165																			
Hours per month																			
347																			
LINE NO.	Average Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL			TOTAL RATE (\$/Lamp) (O)	UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)									UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	ECC RATE (\$/Lamp) (M)				DWR CREDIT (\$/Lamp) (N)
151			LS-2, LPSV, Rate A															151	
152	67	23	35	4800	0.45	1.04	0.12	0.00	0.00	0.01	0.00	0.00	1.62	0.12397	1.50765	(0.00484)	3.24678	(0.00161)	152
153	88	31	55	8000	0.60	1.37	0.15	0.00	0.00	0.01	0.00	0.00	2.13	0.16709	2.03205	(0.00653)	4.32261	(0.00217)	153
154	145	50	90	13500	0.98	2.26	0.25	0.00	0.00	0.01	0.01	0.00	3.51	0.26950	3.27750	(0.01053)	7.04647	(0.00350)	154
155	206	71	135	22500	1.40	3.21	0.36	0.00	0.00	0.02	0.01	0.00	5.00	0.38269	4.65405	(0.01495)	10.02179	(0.00497)	155
156	235	82	180	33000	1.59	3.66	0.41	0.00	0.00	0.02	0.01	0.00	5.69	0.44198	5.37510	(0.01727)	11.48981	(0.00574)	156
157			LS-2, LPSV, Rate A, Series Service															157	
158	50	17	35	4800	0.34	0.99	0.09	0.00	0.00	0.00	0.00	0.00	1.42	0.09163	1.11435	(0.00358)	2.62240	(0.00119)	158
159	72	25	55	8000	0.49	1.43	0.13	0.00	0.00	0.01	0.00	0.00	2.06	0.13475	1.63875	(0.00526)	3.82824	(0.00175)	159
160	130	45	90	13500	0.88	2.59	0.23	0.00	0.00	0.01	0.00	0.00	3.71	0.24255	2.94975	(0.00948)	6.89282	(0.00315)	160
161	185	64	135	22500	1.25	3.68	0.32	0.00	0.00	0.02	0.01	0.00	5.28	0.34496	4.19520	(0.01348)	9.80668	(0.00448)	161
162	219	76	180	33000	1.48	4.36	0.38	0.00	0.00	0.02	0.01	0.00	6.25	0.40964	4.98180	(0.01600)	11.62544	(0.00532)	162
163			LS-2, Incandescent Lamps, Rate A, Energy Only															163	
164	73	25	1,000		0.49	1.14	0.13	0.00	0.00	0.01	0.00	0.00	1.77	0.13475	1.63875	(0.00526)	3.53824	(0.00175)	164
165	162	56	2,500		1.10	2.52	0.28	0.00	0.00	0.01	0.01	0.00	3.92	0.30184	3.67080	(0.01179)	7.88085	(0.00392)	165
166	295	102	4,000		2.00	4.60	0.52	0.00	0.00	0.03	0.01	0.00	7.16	0.54978	6.68610	(0.02148)	14.37440	(0.00714)	166
167	405	141	6,000		2.74	6.31	0.71	(0.01)	0.00	0.04	0.01	0.00	9.80	0.75999	9.24255	(0.02969)	19.77285	(0.00987)	167
168	608	211	10,000		4.12	9.47	1.06	(0.01)	0.00	0.05	0.02	0.00	14.71	1.13729	13.83105	(0.04443)	29.63391	(0.01477)	168
169			LS-2, Incandescent Lamps, Rate B															169	
170	405	141	6,000		2.74	7.83	0.71	(0.01)	0.00	0.04	0.01	0.00	11.32	0.75999	9.24255	(0.02969)	21.29285	(0.00987)	170
171			LS-2, Metal Halide, Rate A															171	
171	68	24	50	2100	0.46	1.06	0.12	0.00	0.00	0.01	0.00	0.00	1.65	0.12936	1.57320	(0.00505)	3.34751	(0.00168)	171
172	132	46	100	8500	0.89	2.06	0.23	0.00	0.00	0.01	0.00	0.00	3.19	0.24794	3.01530	(0.00969)	6.44355	(0.00322)	172
173	207	72	175	12000	1.40	3.22	0.36	0.00	0.00	0.02	0.01	0.00	5.01	0.38808	4.71960	(0.01516)	10.10252	(0.00504)	173
174	288	100	250	18000	1.95	4.49	0.50	0.00	0.00	0.03	0.01	0.00	6.98	0.53900	6.55500	(0.02106)	14.05294	(0.00700)	174
175	444	154	400	32000	3.01	6.92	0.78	(0.01)	0.00	0.04	0.02	0.00	10.76	0.83006	10.09470	(0.03243)	21.65233	(0.01078)	175
176			LS-2, Metal Halide, Rate B															176	
176	68	24	50	2100	0.46	2.58	0.12	0.00	0.00	0.01	0.00	0.00	3.17	0.12936	1.57320	(0.00505)	4.86751	(0.00168)	176
177	132	46	100	8500	0.89	3.57	0.23	0.00	0.00	0.01	0.00	0.00	4.70	0.24794	3.01530	(0.00969)	7.95355	(0.00322)	177
178	207	72	175	12000	1.40	4.74	0.36	0.00	0.00	0.02	0.01	0.00	6.53	0.38808	4.71960	(0.01516)	11.62252	(0.00504)	178
179	288	100	250	18000	1.95	6.00	0.50	0.00	0.00	0.03	0.01	0.00	8.49	0.53900	6.55500	(0.02106)	15.56294	(0.00700)	179
180	444	154	400	32000	3.01	8.44	0.78	(0.01)	0.00	0.04	0.02	0.00	12.28	0.83006	10.09470	(0.03243)	23.17233	(0.01078)	180
181			LS-2, Induction, Rate A, Five-Lamp															181	
182	275	95	55	3500	1.86	4.28	0.48	0.00	0.00	0.02	0.01	0.00	6.65	0.51205	6.22725	(0.02000)	13.36930	(0.00665)	182
183	435	151	87	6000	2.95	6.78	0.76	(0.01)	0.00	0.04	0.02	0.00	10.54	0.81389	9.89805	(0.03179)	21.22015	(0.01057)	183
184			LS-2, Induction, Rate A, Single-Lamp															184	
185	40	14	40		0.27	0.62	0.07	0.00	0.00	0.00	0.00	0.00	0.96	0.07546	0.91770	(0.00295)	1.95021	(0.00098)	185
186	50	17	50		0.34	0.78	0.09	0.00	0.00	0.00	0.00	0.00	1.21	0.09163	1.11435	(0.00358)	2.41240	(0.00119)	186
187	55	19	55		0.37	0.86	0.10	0.00	0.00	0.00	0.00	0.00	1.33	0.10241	1.24545	(0.00400)	2.67386	(0.00133)	187
188	70	24	70		0.47	1.09	0.12	0.00	0.00	0.01	0.00	0.00	1.69	0.12936	1.57320	(0.00505)	3.38751	(0.00168)	188
189	80	28	80		0.54	1.25	0.14	0.00	0.00	0.01	0.00	0.00	1.94	0.15092	1.83540	(0.00590)	3.92042	(0.00196)	189
190	85	30	85		0.58	1.32	0.15	0.00	0.00	0.01	0.00	0.00	2.06	0.16170	1.96650	(0.00632)	4.18188	(0.00210)	190
191	100	35	100		0.68	1.56	0.17	0.00	0.00	0.01	0.00	0.00	2.42	0.18865	2.29425	(0.00737)	4.89553	(0.00245)	191
192	150	52	150		1.02	2.34	0.26	0.00	0.00	0.01	0.01	0.00	3.64	0.28028	3.40860	(0.01095)	7.31793	(0.00364)	192
193	165	57	165		1.12	2.57	0.29	0.00	0.00	0.01	0.01	0.00	4.00	0.30723	3.73635	(0.01200)	8.03158	(0.00399)	193
194	200	69	200		1.35	3.12	0.35	0.00	0.00	0.02	0.01	0.00	4.85	0.37191	4.52295	(0.01453)	9.73033	(0.00483)	194
195	250	87	250		1.69	3.89	0.44	0.00	0.00	0.02	0.01	0.00	6.05	0.46893	5.70285	(0.01832)	12.20346	(0.00609)	195
196	300	104	300		2.03	4.67	0.52	0.00	0.00	0.03	0.01	0.00	7.26	0.56056	6.81720	(0.02190)	14.61586	(0.00728)	196
197	400	139	400		2.71	6.23	0.70	(0.01)	0.00	0.04	0.01	0.00	9.68	0.74921	9.11145	(0.02927)	19.51139	(0.00973)	197
198			LS-2, Non-standard Lamp															198	
199			Energy Charge (\$/kWh/lamp		0.01951	0.04871	0.00504	(0.00004)	0.00000	0.00026	0.00010	0.00000	0.07358	0.00539	0.06555	(0.00021)	0.14431	(0.00007)	199
200																		200	

REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**\$/LAMP CALCULATIONS BY COS REQUEST**

SUMMARY OF USAGE/LAMP																	LINE NO.		
Hours per year																			
4,165																			
Hours per month																			
347																			
LINE NO.	Average Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL			TOTAL RATE (\$/Lamp) (O)	UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)									UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)				DWR CREDIT (\$/Lamp) (N)
201			LS-3 (CLOSED)															201	
202				Energy Charge (\$/kWh)	0.01951	0.05110	0.00504	(0.00004)	0.00000	0.00026	0.00010	0.00000	0.07597	0.00539	0.06555	(0.00021)	0.14670	(0.00007)	202
203				Minimum Charge (\$/month)		7.58							7.58				7.58		203
204																			204
205			OL-1, HPSV, Rate A, Street Light Luminaire																205
206	141	49	100	9500	0.95	10.57	0.25	0.00	0.00	0.01	0.00	0.00	11.78	0.26411	3.21195	(0.01032)	15.24574	(0.00343)	206
207	193	67	150	16000	1.31	11.42	0.34	0.00	0.00	0.02	0.01	0.00	13.10	0.36113	4.39185	(0.01411)	17.83887	(0.00469)	207
208	313	109	250	30000	2.12	14.71	0.55	0.00	0.00	0.03	0.01	0.00	17.42	0.58751	7.14495	(0.02295)	25.12951	(0.00763)	208
209	476	165	400	50000	3.22	17.06	0.83	(0.01)	0.00	0.04	0.02	0.00	21.16	0.88935	10.81575	(0.03474)	32.83036	(0.01155)	209
210	1,102	382	1000	140000	7.46	28.07	1.93	(0.02)	0.00	0.10	0.04	0.00	37.58	2.05898	25.04010	(0.08043)	64.59865	(0.02674)	210
211			OL-1, HPSV, Rate B, Directional Luminaire																211
212	313	109	250	30000	2.12	15.51	0.55	0.00	0.00	0.03	0.01	0.00	18.22	0.58751	7.14495	(0.02295)	25.92951	(0.00763)	212
213	476	165	400	50000	3.22	18.23	0.83	(0.01)	0.00	0.04	0.02	0.00	22.33	0.88935	10.81575	(0.03474)	34.00036	(0.01155)	213
214	1,102	382	1000	140000	7.46	30.12	1.93	(0.02)	0.00	0.10	0.04	0.00	39.63	2.05898	25.04010	(0.08043)	66.64865	(0.02674)	214
215			OL-1, LPSV, Rate A, Street Light Luminaire																215
216	88	31	55	8000	0.60	13.00	0.15	0.00	0.00	0.01	0.00	0.00	13.76	0.16709	2.03205	(0.00653)	15.95261	(0.00217)	216
217	145	50	90	13000	0.98	14.34	0.25	0.00	0.00	0.01	0.01	0.00	15.59	0.26950	3.27750	(0.01053)	19.12647	(0.00350)	217
218	206	71	135	22500	1.40	16.36	0.36	0.00	0.00	0.02	0.01	0.00	18.15	0.38269	4.65405	(0.01495)	23.17179	(0.00497)	218
219	235	82	180	33000	1.59	16.07	0.41	0.00	0.00	0.02	0.01	0.00	18.10	0.44198	5.37510	(0.01727)	23.89981	(0.00574)	219
220			OL-1, Pole																220
221				30 foot wood pole		8.04							8.04				8.04		221
222				35 foot wood pole		8.78							8.78				8.78		222
223																			223
224			OL-2																224
225				Energy Charge (\$/kwh)	0.01951	0.09902	0.00504	(0.00004)	0.00000	0.00026	0.00010	0.00000	0.12389	0.00539	0.08478	(0.00021)	0.21385	(0.00007)	225
226				Basic Service Fee (\$/month)		11.47							11.47				11.47		226
227																			227
228			DWL, Facilities Charges																228
229				\$ of Utility Investment		0.0120							0.0120				0.0120		229
230			DWL, Energy and Lamp Maintenance Charge																230
231	59	20		50 Watt HPSV	0.40	2.44	0.10	0.00	0.00	0.01	0.00	0.00	2.95	0.10780	1.31100	(0.00421)	4.36459	(0.00140)	231
232				DWL, Minimum Charge		61.33							61.33				61.33		232

# REBUTTAL ATTACHMENT A

## TOTAL PRESENT RATES 8-1-2016 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

\$/LAMP CALCULATIONS BY COS REQUEST

SUMMARY OF USAGE OF LAMP																					
Hours per year 4,165																					
Hours per month																					
LINE NO.	347			DESCRIPTION		TRANSMISSION	DISTRIBUTION	PPP	NUCLEAR	ONGOING	CTC	LGC	RS	TRAC	TOTAL UDC	DWR-BC	ECCC	DWR	TOTAL	UTILITY SERVICE	LINE NO.
	Average Energy Use Watts/Lamp	Mid-Point Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	WATTS (A)	LUMENS (B)	RATE (\$/Lamp) (C)	RATE (\$/Lamp) (D)	RATE (\$/Lamp) (E)	DECOMMISSION RATE (\$/Lamp) (F)	RATE (\$/Lamp) (G)	RATE (\$/Lamp) (H)	RATE (\$/Lamp) (I)	RATE (\$/Lamp) (J)	RATE (\$/Lamp) (K)	RATE (\$/Lamp) (L)	RATE (\$/Lamp) (M)	CREDIT (\$/Lamp) (N)	RATE (\$/Lamp) (O)	CREDIT (\$/Lamp) (P)		
1				LS-2, Non-Standard Lamp																	1
2				Energy Charge (\$/kWh/lamp/month)																	2
3						0.01951	0.04871	0.00504	(0.00004)	0.00000	0.00026	0.00010	0.00000	0.07358	0.00539	0.06555	(0.00021)	0.14431	(0.00007)	3	
4				LS-2, LED, Rate A, Total Lamp Watts																	4
5	0-5	2.5	1	2.5		0.02	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.00539	0.06555	(0.00021)	0.15	(0.00007)	5	
6	5.01-10	7.5	3	7.5		0.06	0.15	0.02	0.00	0.00	0.00	0.00	0.00	0.23	0.01617	0.19665	(0.00063)	0.44	(0.00021)	6	
7	10.01-15	12.5	4	12.5		0.08	0.19	0.02	0.00	0.00	0.00	0.00	0.00	0.29	0.02156	0.26220	(0.00084)	0.57	(0.00028)	7	
8	15.01-20	17.5	6	17.5		0.12	0.29	0.03	0.00	0.00	0.00	0.00	0.00	0.44	0.03234	0.39330	(0.00126)	0.86	(0.00042)	8	
9	20.01-25	22.5	8	22.5		0.16	0.39	0.04	0.00	0.00	0.00	0.00	0.00	0.59	0.04312	0.52440	(0.00168)	1.16	(0.00056)	9	
10	25.01-30	27.5	10	27.5		0.20	0.49	0.05	0.00	0.00	0.00	0.00	0.00	0.74	0.05390	0.65550	(0.00211)	1.45	(0.00070)	10	
11	30.01-35	32.5	11	32.5		0.21	0.54	0.06	0.00	0.00	0.00	0.00	0.00	0.81	0.05929	0.72105	(0.00232)	1.59	(0.00077)	11	
12	35.01-40	37.5	13	37.5		0.25	0.63	0.07	0.00	0.00	0.00	0.00	0.00	0.95	0.07007	0.85215	(0.00274)	1.87	(0.00091)	12	
13	40.01-45	42.5	15	42.5		0.29	0.73	0.08	0.00	0.00	0.00	0.00	0.00	1.10	0.08085	0.98325	(0.00316)	2.16	(0.00105)	13	
14	45.01-50	47.5	16	47.5		0.31	0.78	0.08	0.00	0.00	0.00	0.00	0.00	1.17	0.08624	1.04880	(0.00337)	2.30	(0.00112)	14	
15	50.01-55	52.5	18	52.5		0.35	0.88	0.09	0.00	0.00	0.00	0.00	0.00	1.32	0.09702	1.17990	(0.00379)	2.59	(0.00126)	15	
16	55.01-60	57.5	20	57.5		0.39	0.97	0.10	0.00	0.00	0.01	0.00	0.00	1.47	0.10780	1.31100	(0.00421)	2.88	(0.00140)	16	
17	60.01-65	62.5	22	62.5		0.43	1.07	0.11	0.00	0.00	0.01	0.00	0.00	1.62	0.11858	1.44210	(0.00463)	3.18	(0.00154)	17	
18	65.01-70	67.5	23	67.5		0.45	1.12	0.12	0.00	0.00	0.01	0.00	0.00	1.70	0.12397	1.50765	(0.00484)	3.33	(0.00161)	18	
19	70.01-75	72.5	25	72.5		0.49	1.22	0.13	0.00	0.00	0.01	0.00	0.00	1.85	0.13475	1.63875	(0.00526)	3.62	(0.00175)	19	
20	75.01-80	77.5	27	77.5		0.53	1.32	0.14	0.00	0.00	0.01	0.00	0.00	2.00	0.14553	1.76985	(0.00569)	3.91	(0.00189)	20	
21	80.01-85	82.5	29	82.5		0.57	1.41	0.15	0.00	0.00	0.01	0.00	0.00	2.14	0.15631	1.90095	(0.00611)	4.19	(0.00203)	21	
22	85.01-90	87.5	30	87.5		0.59	1.46	0.15	0.00	0.00	0.01	0.00	0.00	2.21	0.16170	1.96650	(0.00632)	4.33	(0.00210)	22	
23	90.01-95	92.5	32	92.5		0.62	1.56	0.16	0.00	0.00	0.01	0.00	0.00	2.35	0.17248	2.09760	(0.00674)	4.61	(0.00224)	23	
24	95.01-100	97.5	34	97.5		0.66	1.66	0.17	0.00	0.00	0.01	0.00	0.00	2.50	0.18326	2.22870	(0.00716)	4.90	(0.00238)	24	
25	100.01-105	102.5	36	102.5		0.70	1.75	0.18	0.00	0.00	0.01	0.00	0.00	2.64	0.19404	2.35980	(0.00758)	5.19	(0.00252)	25	
26	105.01-110	107.5	37	107.5		0.72	1.80	0.19	0.00	0.00	0.01	0.00	0.00	2.72	0.19943	2.42535	(0.00779)	5.34	(0.00259)	26	
27	110.01-115	112.5	39	112.5		0.76	1.90	0.20	0.00	0.00	0.01	0.00	0.00	2.87	0.21021	2.55645	(0.00821)	5.63	(0.00273)	27	
28	115.01-120	117.5	41	117.5		0.80	2.00	0.21	0.00	0.00	0.01	0.00	0.00	3.02	0.22099	2.68755	(0.00863)	5.92	(0.00287)	28	
29	120.01-125	122.5	43	122.5		0.84	2.09	0.22	0.00	0.00	0.01	0.00	0.00	3.16	0.23177	2.81865	(0.00905)	6.20	(0.00301)	29	
30	125.01-130	127.5	44	127.5		0.86	2.14	0.22	0.00	0.00	0.01	0.00	0.00	3.23	0.23716	2.88420	(0.00926)	6.34	(0.00308)	30	
31	130.01-135	132.5	46	132.5		0.90	2.24	0.23	0.00	0.00	0.01	0.00	0.00	3.38	0.24794	3.01530	(0.00969)	6.63	(0.00322)	31	
32	135.01-140	137.5	48	137.5		0.94	2.34	0.24	0.00	0.00	0.01	0.00	0.00	3.53	0.25872	3.14640	(0.01011)	6.93	(0.00336)	32	
33	140.01-145	142.5	49	142.5		0.96	2.39	0.25	0.00	0.00	0.01	0.00	0.00	3.61	0.26411	3.21195	(0.01032)	7.08	(0.00343)	33	
34	145.01-150	147.5	51	147.5		1.00	2.48	0.26	0.00	0.00	0.01	0.01	0.00	3.76	0.27489	3.34305	(0.01074)	7.37	(0.00357)	34	
35	150.01-155	152.5	53	152.5		1.03	2.58	0.27	0.00	0.00	0.01	0.01	0.00	3.90	0.28567	3.47415	(0.01116)	7.65	(0.00371)	35	
36	155.01-160	157.5	55	157.5		1.07	2.68	0.28	0.00	0.00	0.01	0.01	0.00	4.05	0.29645	3.60525	(0.01158)	7.94	(0.00385)	36	
37	160.01-165	162.5	56	162.5		1.09	2.73	0.28	0.00	0.00	0.01	0.01	0.00	4.12	0.30184	3.67080	(0.01179)	8.08	(0.00392)	37	
38	165.01-170	167.5	58	167.5		1.13	2.83	0.29	0.00	0.00	0.02	0.01	0.00	4.28	0.31262	3.80190	(0.01221)	8.38	(0.00406)	38	
39	170.01-175	172.5	60	172.5		1.17	2.92	0.30	0.00	0.00	0.02	0.01	0.00	4.42	0.32340	3.93300	(0.01263)	8.66	(0.00420)	39	
40	175.01-180	177.5	62	177.5		1.21	3.02	0.31	0.00	0.00	0.02	0.01	0.00	4.57	0.33418	4.06410	(0.01305)	8.96	(0.00434)	40	
41	180.01-185	182.5	63	182.5		1.23	3.07	0.32	0.00	0.00	0.02	0.01	0.00	4.65	0.33957	4.12965	(0.01327)	9.11	(0.00441)	41	
42	185.01-190	187.5	65	187.5		1.27	3.17	0.33	0.00	0.00	0.02	0.01	0.00	4.80	0.35035	4.26075	(0.01369)	9.40	(0.00455)	42	
43	190.01-195	192.5	67	192.5		1.31	3.26	0.34	0.00	0.00	0.02	0.01	0.00	4.94	0.36113	4.39185	(0.01411)	9.68	(0.00469)	43	
44	195.01-200	197.5	69	197.5		1.35	3.36	0.35	0.00	0.00	0.02	0.01	0.00	5.09	0.37191	4.52295	(0.01453)	9.97	(0.00483)	44	
45	200.01-205	202.5	70	202.5		1.37	3.41	0.35	0.00	0.00	0.02	0.01	0.00	5.16	0.37730	4.58850	(0.01474)	10.11	(0.00490)	45	
46	205.01-210	207.5	72	207.5		1.40	3.51	0.36	0.00	0.00	0.02	0.01	0.00	5.30	0.38808	4.71960	(0.01516)	10.39	(0.00504)	46	
47	210.01-215	212.5	74	212.5		1.44	3.60	0.37	0.00	0.00	0.02	0.01	0.00	5.44	0.39886	4.85070	(0.01558)	10.67	(0.00518)	47	
48	215.01-220	217.5	75	217.5		1.46	3.65	0.38	0.00	0.00	0.02	0.01	0.00	5.52	0.40425	4.91625	(0.01579)	10.82	(0.00525)	48	
49	220.01-225	222.5	77	222.5		1.50	3.75	0.39	0.00	0.00	0.02	0.01	0.00	5.67	0.41503	5.04735	(0.01621)	11.12	(0.00539)	49	
50	225.01-230	227.5	79	227.5		1.54	3.85	0.40	0.00	0.00	0.02	0.01	0.00	5.82	0.42581	5.17845	(0.01663)	11.41	(0.00553)	50	
51	230.01-235	232.5	81	232.5		1.58	3.95	0.41	0.00	0.00	0.02	0.01	0.00	5.97	0.43659	5.30955	(0.01706)	11.70	(0.00567)	51	
52	235.01-240	237.5	82	237.5		1.60	3.99	0.41	0.00	0.00	0.02	0.01	0.00	6.03	0.44198	5.37510	(0.01727)	11.83	(0.00574)	52	
53	240.01-245	242.5	84	242.5		1.64	4.09	0.42	0.00	0.00	0.02	0.01	0.00	6.18	0.45276	5.50620	(0.01769)	12.12	(0.00588)	53	
54	245.01-250	247.5	86	247.5		1.68	4.19	0.43	0.00	0.00	0.02	0.01	0.00	6.33							



REBUTTAL ATTACHMENT A

TOTAL PRESENT RATES 8-1-2016  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

\$/LAMP CALCULATIONS BY COS REQUEST

SUMMARY OF USAGE OF LAMP																				
Hours per year 4,165																				
Hours per month																				
347																				
LINE NO.	Average Energy Use Watts/Lamp	Mid-Point Energy Use Watts/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANSMISSION RATE (\$/Lamp)	DISTRIBUTION RATE (\$/Lamp)	PPP RATE (\$/Lamp)	NUCLEAR DECOMMISSION RATE (\$/Lamp)	ONGOING CTC RATE (\$/Lamp)	LGC RATE (\$/Lamp)	RS RATE (\$/Lamp)	TRAC RATE (\$/Lamp)	TOTAL UDC RATE (\$/Lamp)	DWR-BC RATE (\$/Lamp)	ECCC RATE (\$/Lamp)	DWR CREDIT (\$/Lamp)	TOTAL RATE (\$/Lamp)	UTILITY SERVICE CREDIT (OY) (\$/Lamp)	LINE NO.
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	
58	265.01-270	267.5	93	267.5		1.81	4.53	0.47	0.00	0.00	0.02	0.01	0.00	6.84	0.50127	6.09615	(0.01958)	13.42	(0.00651)	58
59	270.01-275	272.5	95	272.5		1.85	4.63	0.48	0.00	0.00	0.02	0.01	0.00	6.99	0.51205	6.22725	(0.02000)	13.71	(0.00665)	59
60	275.01-280	277.5	96	277.5		1.87	4.68	0.48	0.00	0.00	0.02	0.01	0.00	7.06	0.51744	6.29280	(0.02021)	13.85	(0.00672)	60
61	280.01-285	282.5	98	282.5		1.91	4.77	0.49	0.00	0.00	0.03	0.01	0.00	7.21	0.52822	6.42390	(0.02063)	14.14	(0.00686)	61
62	285.01-290	287.5	100	287.5		1.95	4.87	0.50	0.00	0.00	0.03	0.01	0.00	7.36	0.53900	6.55500	(0.02106)	14.43	(0.00700)	62
63	290.01-295	292.5	102	292.5		1.99	4.97	0.51	0.00	0.00	0.03	0.01	0.00	7.51	0.54978	6.68610	(0.02148)	14.72	(0.00714)	63
64	295.01-300	297.5	103	297.5		2.01	5.02	0.52	0.00	0.00	0.03	0.01	0.00	7.59	0.55517	6.75165	(0.02169)	14.88	(0.00721)	64
65	300.01-305	302.5	105	302.5		2.05	5.11	0.53	0.00	0.00	0.03	0.01	0.00	7.73	0.56595	6.88275	(0.02211)	15.16	(0.00735)	65
66	305.01-310	307.5	107	307.5		2.09	5.21	0.54	0.00	0.00	0.03	0.01	0.00	7.88	0.57673	7.01385	(0.02253)	15.45	(0.00749)	66
67	310.01-315	312.5	108	312.5		2.11	5.26	0.54	0.00	0.00	0.03	0.01	0.00	7.95	0.58212	7.07940	(0.02274)	15.59	(0.00756)	67
68	315.01-320	317.5	110	317.5		2.15	5.36	0.55	0.00	0.00	0.03	0.01	0.00	8.10	0.59290	7.21050	(0.02316)	15.88	(0.00770)	68
69	320.01-325	322.5	112	322.5		2.19	5.46	0.56	0.00	0.00	0.03	0.01	0.00	8.25	0.60368	7.34160	(0.02358)	16.17	(0.00784)	69
70	325.01-330	327.5	114	327.5		2.22	5.55	0.57	0.00	0.00	0.03	0.01	0.00	8.38	0.61446	7.47270	(0.02400)	16.44	(0.00798)	70
71	330.01-335	332.5	115	332.5		2.24	5.60	0.58	0.00	0.00	0.03	0.01	0.00	8.46	0.61985	7.53825	(0.02421)	16.59	(0.00805)	71
72	335.01-340	337.5	117	337.5		2.28	5.70	0.59	0.00	0.00	0.03	0.01	0.00	8.61	0.63063	7.66935	(0.02464)	16.89	(0.00819)	72
73	340.01-345	342.5	119	342.5		2.32	5.80	0.60	0.00	0.00	0.03	0.01	0.00	8.76	0.64141	7.80045	(0.02506)	17.18	(0.00833)	73
74	345.01-350	347.5	121	347.5		2.36	5.89	0.61	0.00	0.00	0.03	0.01	0.00	8.90	0.65219	7.93155	(0.02548)	17.46	(0.00847)	74
75	350.01-355	352.5	122	352.5		2.38	5.94	0.61	0.00	0.00	0.03	0.01	0.00	8.97	0.65758	7.99710	(0.02569)	17.60	(0.00854)	75
76	355.01-360	357.5	124	357.5		2.42	6.04	0.62	0.00	0.00	0.03	0.01	0.00	9.12	0.66836	8.12820	(0.02611)	17.89	(0.00868)	76
77	360.01-365	362.5	126	362.5		2.46	6.14	0.64	(0.01)	0.00	0.03	0.01	0.00	9.27	0.67914	8.25930	(0.02653)	18.18	(0.00882)	77
78	365.01-370	367.5	128	367.5		2.50	6.23	0.65	(0.01)	0.00	0.03	0.01	0.00	9.41	0.68992	8.39040	(0.02695)	18.46	(0.00896)	78
79	370.01-375	372.5	129	372.5		2.52	6.28	0.65	(0.01)	0.00	0.03	0.01	0.00	9.48	0.69531	8.45595	(0.02716)	18.60	(0.00903)	79
80	375.01-380	377.5	131	377.5		2.56	6.38	0.66	(0.01)	0.00	0.03	0.01	0.00	9.63	0.70609	8.58705	(0.02758)	18.90	(0.00917)	80
81	380.01-385	382.5	133	382.5		2.59	6.48	0.67	(0.01)	0.00	0.03	0.01	0.00	9.77	0.71687	8.71815	(0.02800)	19.18	(0.00931)	81
82	385.01-390	387.5	134	387.5		2.61	6.53	0.68	(0.01)	0.00	0.03	0.01	0.00	9.85	0.72226	8.78370	(0.02821)	19.33	(0.00938)	82
83	390.01-395	392.5	136	392.5		2.65	6.62	0.69	(0.01)	0.00	0.04	0.01	0.00	10.00	0.73304	8.91480	(0.02864)	19.62	(0.00952)	83
84	395.01-400	397.5	138	397.5		2.69	6.72	0.70	(0.01)	0.00	0.04	0.01	0.00	10.15	0.74382	9.04590	(0.02906)	19.91	(0.00966)	84

**ATTACHMENT B**

**PROPOSED RATES FOR YEAR 1**

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DR</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
18	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
19		Min Bill kWh														
1	<b>SCHEDULE DR Medical Baseline</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573	(0.00021)	0.24617
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573	(0.00021)	0.24617
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWh														
1	<b>SCHEDULE DR - LI (CARE)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWh														
1	<b>SCHEDULE DR - LI (CARE and Medical Baseline)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374
17	Above 400% of Baseline	\$/kWh	0.02943	0.0895												



REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DM CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWh	Min Bill kWh															
1	<b>SCHEDULE DM CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWh	Min Bill kWh															

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DS (CLOSED)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
16	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
17	Minimum Bill	Min Bill \$/kWh														
<b>SCHEDULE DS Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573	(0.00021)	0.24617
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573	(0.00021)	0.24617
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Minimum Bill	Min Bill \$/kWh														
<b>SCHEDULE DS (CARE)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00000	0.16027	(0.00021)	0.21601
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.16027	(0.00021)	0.45378
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00000	0.06573	(0.00021)	0.18138
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00000	0.06573	(0.00021)	0.38236
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Minimum Bill	Min Bill \$/kWh														
<b>SCHEDULE DS (CARE and Medical Baseline)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164				

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DS FERA</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00539	0.16027	(0.00021)	0.22140
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00539	0.16027	(0.00021)	0.22140
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.16027	(0.00021)	0.45917
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.16027	(0.00021)	0.45917
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00539	0.06573	(0.00021)	0.18677
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00539	0.06573	(0.00021)	0.18677
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.06573	(0.00021)	0.38775
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.06573	(0.00021)	0.38775
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWh	Min Bill kWh														
<b>SCHEDULE DS FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06573	(0.00021)	0.24374
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWh	Min Bill kWh														
18	Unit Discount	\$/Day	0.000	(0.130)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(0.130)	0.000	0.000		(0.130)
<b>SCHEDULE DT (CLOSED)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08053)	0.00000	0.05838	0.00539	0.16027	(0.00021)	0.22383
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.16027	(0.00021)	0.46160
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02062)	0.00000	0.11829	0.00539	0.06573	(0.00021)	0.18920
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18036	0.00000	0.31927	0.00539	0.06573	(0.00021)	0.39018
16	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
17	Min Bill kWh	Min Bill kWh														
<b>SCHEDULE DT Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
8	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10754)	0.00000	0.03137	0.00000	0.16027	(0.00021)	0.19143
9	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
10	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.00775)	0.00000	0.13116	0.00000	0.16027	(0.00021)	0.29122
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
13	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04262)	0.00000	0.09629	0.00000	0.06573	(0.00021)	0.16181
14	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573	(0.00021)	0.24617
15	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.04174	0.00000	0.18065	0.00000	0.06573</		







## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DT-RV FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00539	0.16027	(0.00021)	0.22140	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08296)	0.00000	0.05595	0.00539	0.16027	(0.00021)	0.22140	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.16027	(0.00021)	0.45917	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.16027	(0.00021)	0.45917	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00539	0.06573	(0.00021)	0.18677	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02305)	0.00000	0.11586	0.00539	0.06573	(0.00021)	0.18677	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.06573	(0.00021)	0.38775	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.06573	(0.00021)	0.38775	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWhr	Min Bill kWhr															
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.10997)	0.00000	0.02894	0.00000	0.16027	(0.00021)	0.18900	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879	
12	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04505)	0.00000	0.09386	0.00000	0.06573	(0.00021)	0.15938	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17822	0.00000	0.34398	0.00539	0.06573	(0.00021)	0.24374	
17	Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17822	0.00000	0.34398	0.00539	0.06573	(0.00021)	0.24374	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWhr	Min Bill kWhr															
1	<b>SCHEDULE DR-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17515)	0.00000	(0.03624)	0.00539	0.34398	(0.00021)	0.31292	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17515)	0.00000	(0.03624)	0.00539	0.34398	(0.00021)	0.31292	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.34398	(0.00021)	0.64531	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.34398	(0.00021)	0.64531	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05478)	0.00000	0.08413	0.00539	0.11028	(0.00021)	0.19959	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05478)	0.00000	0.08413	0.00539	0.11028	(0.00021)	0.19959	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.11028	(0.00021)	0.41161	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.11028	(0.00021)	0.41161	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02695)	0.00000	0.11196	0.00539	0.05625	(0.00021)	0.17339	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02695)	0.00000	0.11196	0.00539	0.05625	(0.00021)	0.17339	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.05625	(0.00021)	0.35758	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.05625	(0.00021)	0.35758	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03654)	0.00000	0.10237	0.00539	0.07487	(0.00021)	0.18242	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03654)	0.00000	0.10237	0.00539	0.07487	(0.00021)	0.18242	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.07487	(0.00021)	0.37620	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.07487	(0.00021)	0.37620	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03195)	0.00000	0.10696	0.00539	0.05696	(0.00021)	0.17810	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03195)	0.00000	0.10696	0.00539	0.05696	(0.00021)	0.17810	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.05696	(0.00021)	0.36729	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15724	0.00000	0.29615	0.00539	0.05696	(0.00021)	0.36729	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02719)	0.00000	0.11172	0.00539	0.05673	(0.00021)	0.17363	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)</											

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07156)	0.00000	(0.07615)	0.00000	0.34398	(0.00021)	0.26762	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07156)	0.00000	(0.07615)	0.00000	0.34398	(0.00021)	0.26762	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07555)	0.00000	0.06336	0.00000	0.34398	(0.00021)	0.40713	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07555)	0.00000	0.06336	0.00000	0.34398	(0.00021)	0.40713	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07288)	0.00000	0.06063	0.00000	0.11028	(0.00021)	0.17070	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07288)	0.00000	0.06063	0.00000	0.11028	(0.00021)	0.17070	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.01070	0.00000	0.14961	0.00000	0.11028	(0.00021)	0.25968	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.01070	0.00000	0.14961	0.00000	0.11028	(0.00021)	0.25968	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04666)	0.00000	0.09225	0.00000	0.05625	(0.00021)	0.14829	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04666)	0.00000	0.09225	0.00000	0.05625	(0.00021)	0.14829	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03065	0.00000	0.16956	0.00000	0.05625	(0.00021)	0.22560	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03065	0.00000	0.16956	0.00000	0.05625	(0.00021)	0.22560	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05756)	0.00000	0.08135	0.00000	0.07487	(0.00021)	0.15601	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05756)	0.00000	0.08135	0.00000	0.07487	(0.00021)	0.15601	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02377	0.00000	0.16268	0.00000	0.07487	(0.00021)	0.23734	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02377	0.00000	0.16268	0.00000	0.07487	(0.00021)	0.23734	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05234)	0.00000	0.08657	0.00000	0.06596	(0.00021)	0.15232	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05234)	0.00000	0.08657	0.00000	0.06596	(0.00021)	0.15232	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02706	0.00000	0.16597	0.00000	0.06596	(0.00021)	0.23172	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02706	0.00000	0.16597	0.00000	0.06596	(0.00021)	0.23172	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04694)	0.00000	0.09197	0.00000	0.05673	(0.00021)	0.14849	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04694)	0.00000	0.09197	0.00000	0.05673	(0.00021)	0.14849	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03047	0.00000	0.16938	0.00000	0.05673	(0.00021)	0.22590	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03047	0.00000	0.16938	0.00000	0.05673	(0.00021)	0.22590	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-TOU CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17758)	0.00000	(0.03867)	0.00000	0.34398	(0.00021)	0.30510	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17758)	0.00000	(0.03867)	0.00000	0.34398	(0.00021)	0.30510	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.34398	(0.00021)	0.63749	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.34398	(0.00021)	0.63749	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05721)	0.00000	0.08170	0.00000	0.11028	(0.00021)	0.19177	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05721)	0.00000	0.08170	0.00000	0.11028	(0.00021)	0.19177	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.11028	(0.00021)	0.40379	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.11028	(0.00021)	0.40379	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02938)	0.00000	0.10953	0.00000	0.05625	(0.00021)	0.16557	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02938)	0.00000	0.10953	0.00000	0.05625	(0.00021)	0.16557	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.05625	(0.00021)	0.34976	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.05625	(0.00021)	0.34976	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03897)	0.00000	0.09994	0.00000	0.07487	(0.00021)	0.17460	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03897)	0.00000	0.09994	0.00000	0.07487	(0.00021)	0.17460	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.07487	(0.00021)	0.36838	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00000	0.07487	(0.00021)	0.36838	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03438)	0.00000	0.10453	0.00000	0.06			

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07149)	0.00000	(0.07858)	0.00000	0.34398	(0.00021)	0.26519	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07149)	0.00000	(0.07858)	0.00000	0.34398	(0.00021)	0.26519	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07798)	0.00000	0.06093	0.00000	0.34398	(0.00021)	0.40470	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07798)	0.00000	0.06093	0.00000	0.34398	(0.00021)	0.40470	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04909)	0.00000	0.05820	0.00000	0.11028	(0.00021)	0.16827	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08071)	0.00000	0.05820	0.00000	0.11028	(0.00021)	0.16827	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00827	0.00000	0.14718	0.00000	0.11028	(0.00021)	0.25725	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00827	0.00000	0.14718	0.00000	0.11028	(0.00021)	0.25725	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04909)	0.00000	0.08982	0.00000	0.05625	(0.00021)	0.14586	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04909)	0.00000	0.08982	0.00000	0.05625	(0.00021)	0.14586	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02822	0.00000	0.16713	0.00000	0.05625	(0.00021)	0.22317	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02822	0.00000	0.16713	0.00000	0.05625	(0.00021)	0.22317	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05999)	0.00000	0.07892	0.00000	0.07487	(0.00021)	0.15358	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05999)	0.00000	0.07892	0.00000	0.07487	(0.00021)	0.15358	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02134	0.00000	0.16025	0.00000	0.07487	(0.00021)	0.23491	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02134	0.00000	0.16025	0.00000	0.07487	(0.00021)	0.23491	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05477)	0.00000	0.08414	0.00000	0.06596	(0.00021)	0.14989	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05477)	0.00000	0.08414	0.00000	0.06596	(0.00021)	0.14989	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03354	0.00000	0.16354	0.00000	0.06596	(0.00021)	0.22929	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02463	0.00000	0.16354	0.00000	0.06596	(0.00021)	0.22929	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04937)	0.00000	0.08954	0.00000	0.05673	(0.00021)	0.14606	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04937)	0.00000	0.08954	0.00000	0.05673	(0.00021)	0.14606	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02804	0.00000	0.16695	0.00000	0.05673	(0.00021)	0.22347	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02804	0.00000	0.16695	0.00000	0.05673	(0.00021)	0.22347	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.164	0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-TOU FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17758)	0.00000	(0.03867)	0.00539	0.34398	(0.00021)	0.31049	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.17758)	0.00000	(0.03867)	0.00539	0.34398	(0.00021)	0.31049	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.34398	(0.00021)	0.64288	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.34398	(0.00021)	0.64288	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05721)	0.00000	0.08170	0.00539	0.11028	(0.00021)	0.19716	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05721)	0.00000	0.08170	0.00539	0.11028	(0.00021)	0.19716	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.11028	(0.00021)	0.40918	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.11028	(0.00021)	0.40918	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02938)	0.00000	0.10953	0.00539	0.05625	(0.00021)	0.17096	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.02938)	0.00000	0.10953	0.00539	0.05625	(0.00021)	0.17096	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.05625	(0.00021)	0.35515	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.05625	(0.00021)	0.35515	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03897)	0.00000	0.09994	0.00539	0.07487	(0.00021)	0.17999	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03897)	0.00000	0.09994	0.00539	0.07487	(0.00021)	0.17999	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.07487	(0.00021)	0.37377	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.07487	(0.00021)	0.37377	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.03438)	0.00000	0.10453	0.00539				

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Summer Energy															
7	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07149)	0.00000	(0.07858)	0.00000	0.34398	(0.00021)	0.26519
8	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07149)	0.00000	(0.07858)	0.00000	0.34398	(0.00021)	0.26519
9	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07798)	0.00000	0.06093	0.00000	0.34398	(0.00021)	0.40470
10	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.07798)	0.00000	0.06093	0.00000	0.34398	(0.00021)	0.40470
11	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08071)	0.00000	0.05820	0.00000	0.11028	(0.00021)	0.16827
12	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.08071)	0.00000	0.05820	0.00000	0.11028	(0.00021)	0.16827
13	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00827	0.00000	0.14718	0.00000	0.11028	(0.00021)	0.25725
14	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00827	0.00000	0.14718	0.00000	0.11028	(0.00021)	0.25725
15	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04909)	0.00000	0.08982	0.00000	0.05625	(0.00021)	0.14586
16	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04909)	0.00000	0.08982	0.00000	0.05625	(0.00021)	0.14586
17	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02822	0.00000	0.16713	0.00000	0.05625	(0.00021)	0.22317
18	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02822	0.00000	0.16713	0.00000	0.05625	(0.00021)	0.22317
19	Winter Energy															
20	On-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05999)	0.00000	0.07892	0.00000	0.07487	(0.00021)	0.15358
21	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05999)	0.00000	0.07892	0.00000	0.07487	(0.00021)	0.15358
22	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02134	0.00000	0.16025	0.00000	0.07487	(0.00021)	0.23491
23	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02134	0.00000	0.16025	0.00000	0.07487	(0.00021)	0.23491
24	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05477)	0.00000	0.08414	0.00000	0.06596	(0.00021)	0.14989
25	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.05477)	0.00000	0.08414	0.00000	0.06596	(0.00021)	0.14989
26	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02463	0.00000	0.16354	0.00000	0.06596	(0.00021)	0.22929
27	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02463	0.00000	0.16354	0.00000	0.06596	(0.00021)	0.22929
28	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04937)	0.00000	0.08954	0.00000	0.05673	(0.00021)	0.14606
29	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.04937)	0.00000	0.08954	0.00000	0.05673	(0.00021)	0.14606
30	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02804	0.00000	0.16695	0.00000	0.05673	(0.00021)	0.22347
31	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.02804	0.00000	0.16695	0.00000	0.05673	(0.00021)	0.22347
32	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.164	0.164
33	Baseline Adjustment-Summer	\$/kWh														
34	101% to 130% of BL - Summer	\$/kWh														
35	Baseline Adjustment-Winter	\$/kWh														
36	101% to 130% of BL - Winter	\$/kWh														
37																
38																
39																
<b>SCHEDULE DR-SES</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Energy Charge															
7	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.34397	(0.00021)	0.48906
8	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.11032	(0.00021)	0.25441
9	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05625	(0.00021)	0.20034
10	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.07484	(0.00021)	0.21893
11	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.06600	(0.00021)	0.21009
12	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05673	(0.00021)	0.20082
13	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.329	0.329
14																
15																
<b>SCHEDULE DR-SES Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Energy Charge															
7	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.34397	(0.00021)	0.48267
8	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.11032	(0.00021)	0.24802
9	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.05625	(0.00021)	0.19495
10	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.07484	(0.00021)	0.21354
11	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.06600	(0.00021)	0.20470
12	Off-Peak: Winter	\$/kWh	0.02943	0.08955												

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-SES (CARE)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.34397	(0.00021)	0.48267	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.11032	(0.00021)	0.24902	
11	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.05625	(0.00021)	0.19495	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.07484	(0.00021)	0.21354	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.06600	(0.00021)	0.20470	
14	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.05673	(0.00021)	0.19543	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE EV-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.34397	(0.00021)	0.48806	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.11031	(0.00021)	0.25440	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05624	(0.00021)	0.20033	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.07487	(0.00021)	0.21896	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.06600	(0.00021)	0.21009	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05672	(0.00021)	0.20081	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.34397	(0.00021)	0.48806	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.11031	(0.00021)	0.25440	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05624	(0.00021)	0.20033	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.07487	(0.00021)	0.21896	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.06600	(0.00021)	0.21009	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00539	0.05672	(0.00021)	0.20081	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.34397	(0.00021)	0.48267	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.11031	(0.00021)	0.24901	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.05624	(0.00021)	0.19494	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.07487	(0.00021)	0.21357	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.06600	(0.00021)	0.20470	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.00000	0.00000	0.13891	0.00000	0.05672	(0.00021)	0.19542	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	





## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	On Peak Demand															
5	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Energy Charge															
8	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.21403	(0.00021)	0.34255
9	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.10704	(0.00021)	0.23556
11	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17822	0.00000	0.17822	0.00000	0.07443	(0.00021)	0.25244
12	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06560	(0.00021)	0.24361
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.05640	(0.00021)	0.23441
14	Baseline Adjustment - Summer	\$/kWh								(0.09979)	0.00000	(0.09979)				(0.09979)
15	101% to 130% of Baseline - Summer	\$/kWh								(0.09979)	0.00000	(0.09979)				(0.09979)
16	Baseline Adjustment - Winter	\$/kWh								(0.08436)	0.00000	(0.08436)				(0.08436)
17	101% to 130% of Baseline - Winter	\$/kWh								(0.08436)	0.00000	(0.08436)				(0.08436)
18	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
<b>SCHEDULE TOU-DR FERA</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	On Peak Demand															
5	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Energy Charge															
8	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.21403	(0.00021)	0.51293
9	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.16027	(0.00021)	0.45917
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15481	0.00000	0.29372	0.00539	0.10704	(0.00021)	0.40594
11	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.07443	(0.00021)	0.39645
12	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.06560	(0.00021)	0.38762
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17793	0.00000	0.31684	0.00539	0.05640	(0.00021)	0.37942
14	Baseline Adjustment - Summer	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)
15	101% to 130% of Baseline - Summer	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)
16	Baseline Adjustment - Winter	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)
17	101% to 130% of Baseline - Winter	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)
18	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	On Peak Demand															
5	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Energy Charge															
8	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.21403	(0.00021)	0.34255
9	Semi-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.16027	(0.00021)	0.28879
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	(0.01018)	0.00000	0.12873	0.00000	0.10704	(0.00021)	0.23556
11	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17822	0.00000	0.17822	0.00000	0.07443	(0.00021)	0.25244
12	Semi-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.06560	(0.00021)	0.24361
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.03931	0.00000	0.17822	0.00000	0.05640	(0.00021)	0.23441
14	Baseline Adjustment - Summer	\$/kWh								(0.09979)	0.00000	(0.09979)				(0.09979)
15	101% to 130% of Baseline - Summer	\$/kWh								(0.09979)	0.00000	(0.09979)				(0.09979)
16	Baseline Adjustment - Winter	\$/kWh								(0.08436)	0.00000	(0.08436)				(0.08436)
17	101% to 130% of Baseline - Winter	\$/kWh								(0.08436)	0.00000	(0.08436)				(0.08436)
18	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
<b>SCHEDULE TOU-DR-E1</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	On Peak Demand															
5	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Energy Charge															
8	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17313	0.00000	0.31204	0.00539	0.34416	(0.00021)	0.66138
9	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15369	0.00000	0.29260	0.00539	0.11039	(0.00021)	0.40817
10	Semi-Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.14701	0.00000	0.28592	0.00539	0.05629	(0.00021)	0.34739
11	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18326	0.00000	0.32217	0.00539	0.07487	(0.00021)	0.40222
12	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18026	0.00000	0.31917	0.00539	0.06599	(0.00021)	0.39034
13	Semi-Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17779	0.00000	0.31670	0.00539	0.05673	(0.00021)	0.37861
14	Summer Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)
15	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh														



## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR-E1 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17313	0.00000	0.31204	0.00000	0.34416	(0.00021)	0.65599	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15369	0.00000	0.29260	0.00000	0.11039	(0.00021)	0.40278	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.14701	0.00000	0.28592	0.00000	0.05629	(0.00021)	0.34200	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18326	0.00000	0.32217	0.00000	0.07487	(0.00021)	0.39683	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.19026	0.00000	0.31917	0.00000	0.06599	(0.00021)	0.38495	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17719	0.00000	0.31670	0.00000	0.05673	(0.00021)	0.37322	
15	Summer Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
17	Winter Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
1	<b>SCHEDULE TOU-DR-E2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17313	0.00000	0.31204	0.00539	0.34416	(0.00021)	0.66138	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15116	0.00000	0.29007	0.00539	0.08989	(0.00021)	0.38514	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18326	0.00000	0.32217	0.00539	0.07487	(0.00021)	0.40222	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17926	0.00000	0.31817	0.00539	0.06227	(0.00021)	0.38562	
15	Summer Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
17	Winter Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE TOU-DR-E2 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17313	0.00000	0.31204	0.00000	0.34416	(0.00021)	0.65599	
10	Off-Peak: Summer	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.15116	0.00000	0.29007	0.00000	0.08989	(0.00021)	0.37975	
12	On-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.18326	0.00000	0.32217	0.00000	0.07487	(0.00021)	0.39683	
13	Off-Peak: Winter	\$/kWh	0.02943	0.08955	0.01763	(0.00004)	0.00177	0.00044	0.00013	0.17926	0.00000	0.31817	0.00000	0.06227	(0.00021)	0.38023	
15	Summer Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.23777)	0.00000	(0.23777)				(0.23777)	
17	Winter Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh								(0.20098)	0.00000	(0.20098)				(0.20098)	
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
5	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
6	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
7	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
8	Primary															
9	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
10	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
11	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
12	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer															
27	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.12158	(0.00021)	0.24592
28	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.12106	(0.00021)	0.24504
29	Winter															
30	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.06041	(0.00021)	0.18475
31	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.06017	(0.00021)	0.18415
1	<b>Schedule A (ELI)</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
5	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
6	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
7	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
8	Primary															
9	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
10	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
11	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
12	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer															
27	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.07948	(0.00021)	0.19642
28	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.07948	(0.00021)	0.19606
29	Winter															
30	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.04480	(0.00021)	0.16174
31	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.04480	(0.00021)	0.16138

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-A</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
5	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
6	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
7	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
8	Primary															
9	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
10	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
11	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
12	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer On-Peak															
27	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.15942	(0.00021)	0.28376
28	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.15865	(0.00021)	0.28263
29	Summer Semi-Peak															
30	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.12158	(0.00021)	0.24592
31	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.12100	(0.00021)	0.24498
32	Summer Off-Peak															
33	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.08808	(0.00021)	0.21242
34	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.08765	(0.00021)	0.21163
35	Winter On-Peak															
36	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.06881	(0.00021)	0.19315
37	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.06849	(0.00021)	0.19247
38	Winter Semi-Peak															
39	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.06064	(0.00021)	0.18498
40	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.06039	(0.00021)	0.18437
41	Winter Off-Peak															
42	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.05211	(0.00021)	0.17845
43	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.05196	(0.00021)	0.17594

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-A (ELI)</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
5	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
6	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
7	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
8	Primary															
9	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
10	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
11	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
12	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer On-Peak															
27	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.07948	(0.00021)	0.19642
28	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.07948	(0.00021)	0.19606
29	Summer Semi-Peak															
30	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.07948	(0.00021)	0.19642
31	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.07948	(0.00021)	0.19606
32	Summer Off-Peak															
33	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.07948	(0.00021)	0.19642
34	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.07948	(0.00021)	0.19606
35	Winter On-Peak															
36	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.04480	(0.00021)	0.16174
37	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.04480	(0.00021)	0.16138
38	Winter Semi-Peak															
39	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.04480	(0.00021)	0.16174
40	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.04480	(0.00021)	0.16138
41	Winter Off-Peak															
42	Secondary	\$/kWh	0.03077	0.07032	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11715	0.00000	0.04480	(0.00021)	0.16174
43	Primary	\$/kWh	0.03077	0.06996	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11679	0.00000	0.04480	(0.00021)	0.16138

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.87	0.00	0.00		58.87	
5	5-20 kW	\$/Month	0.00	156.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.16	0.00	0.00		156.16	
6	20-50 kW	\$/Month	0.00	371.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371.14	0.00	0.00		371.14	
7	>50 kW	\$/Month	0.00	957.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957.17	0.00	0.00		957.17	
8	Primary																
9	0-5 kW	\$/Month	0.00	121.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.88	0.00	0.00		121.88	
10	5-20 kW	\$/Month	0.00	182.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	182.64	0.00	0.00		182.64	
11	20-50 kW	\$/Month	0.00	309.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	309.05	0.00	0.00		309.05	
12	>50 kW	\$/Month	0.00	941.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941.09	0.00	0.00		941.09	
13	Non-Coincident Demand																
14	Secondary																
15	Primary																
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.25532	(0.00021)	0.31017	
28	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.25409	(0.00021)	0.30894	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.09607	(0.00021)	0.15092	
31	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.09561	(0.00021)	0.15046	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.05173	(0.00021)	0.10658	
34	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.05148	(0.00021)	0.10633	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.06881	(0.00021)	0.12366	
37	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.06849	(0.00021)	0.12334	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.06064	(0.00021)	0.11549	
40	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.06039	(0.00021)	0.11524	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.05211	(0.00021)	0.10896	
43	Primary	\$/kWh	0.03077	0.00083	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.04967	0.00539	0.05196	(0.00021)	0.10681	

**REBUTTAL ATTACHMENT B**

**ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
5	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
6	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
7	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
8	Primary															
9	0-5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
10	5-20 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
11	20-50 kW	\$/Month	0.00	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00		26.67
12	>50 kW	\$/Month	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00		66.67
13	Non-Coincident Demand															
14	Secondary															
15	Primary															
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer On-Peak															
27	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.15942	(0.00021)	0.28376
28	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.15865	(0.00021)	0.28263
32	Summer Off-Peak															
33	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.11048	(0.00021)	0.23482
34	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.10995	(0.00021)	0.23393
35	Winter On-Peak															
36	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.06881	(0.00021)	0.19315
37	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.06849	(0.00021)	0.19247
41	Winter Off-Peak															
42	Secondary	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11916	0.00539	0.05762	(0.00021)	0.18196
43	Primary	\$/kWh	0.03077	0.06996	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.11880	0.00539	0.05734	(0.00021)	0.18132
1	<b>SCHEDULE A-TC</b>															
2	Basic Service Fee															
3	Under 5 kW	\$/Month	0.00	9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.33	0.00	0.00		9.33
4	Over 5 kW	\$/Month	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00		16.00
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	On Peak Demand															
8	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
10	Energy Charge															
11	Summer	\$/kWh	0.03077	0.03652	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.08536	0.00539	0.06137	(0.00021)	0.15191
12	Winter	\$/kWh	0.03077	0.03652	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000	0.00000	0.08536	0.00539	0.06137	(0.00021)	0.15191

**REBUTTAL ATTACHMENT B**

**ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE A-TOU</b>																
2	Basic Service Fee																
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
7	Non-Coincident Demand	\$/kW	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	0.00	0.00		1.48	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.25453	(0.00021)	0.33793	
15	Semi-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.09651	(0.00021)	0.17991	
16	Off-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.05201	(0.00021)	0.13541	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.06910	(0.00021)	0.15250	
19	Semi-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.06090	(0.00021)	0.14430	
20	Off-Peak	\$/kWh	0.03077	0.02938	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07822	0.00539	0.05234	(0.00021)	0.13574	
1	<b>SCHEDULE A-TOU (ELI)</b>																
2	Basic Service Fee																
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101.56	0.00	0.00		101.56	
7	Non-Coincident Demand	\$/kW	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.48	0.00	0.00		1.48	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.07948	(0.00021)	0.15548	
15	Semi-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.07948	(0.00021)	0.15548	
16	Off-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.07948	(0.00021)	0.15548	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.04480	(0.00021)	0.12080	
19	Semi-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.04480	(0.00021)	0.12080	
20	Off-Peak	\$/kWh	0.03077	0.02938	0.01376	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.07621	0.00000	0.04480	(0.00021)	0.12080	
1	<b>SCHEDULE UM</b>																
2	Basic Service Fee	\$/Month	0.00	8.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.02	0.00	0.00		8.02	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	Summer	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.11916	0.00539	0.12132	(0.00021)	0.24566	
10	Winter	\$/kWh	0.03077	0.07032	0.01577	(0.00004)	0.00185	0.00035	0.00014	0.00000		0.11916	0.00539	0.06028	(0.00021)	0.18462	

**REBUTTAL ATTACHMENT B**

**ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	139.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.73	0.00	0.00		139.73	
4	Primary	\$/Month	0.00	37.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.68	0.00	0.00		37.68	
5	Maximum Demand Charge																
6	Secondary	\$/KW	12.55	18.87	0.00	0.00	0.00	0.00	0.04	0.00	0.00	31.46	0.00	0.00		31.46	
7	Primary	\$/KW	12.13	18.76	0.00	0.00	0.00	0.00	0.04	0.00	0.00	30.93	0.00	0.00		30.93	
11	Maximum Demand: Summer																
12	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
13	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
14	Maximum Demand: Winter																
15	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
17	Maximum On-Peak Demand: Summer																
18	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.79		8.79	
19	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.75		8.75	
20	Maximum On-Peak Demand: Winter																
21	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Energy Charge																
25	On-Peak Energy: Summer																
26	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.10874	(0.00021)	0.12150	
27	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.10822	(0.00021)	0.12098	
28	Semi-Peak Energy: Summer																
29	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.09029	(0.00021)	0.10305	
30	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.08987	(0.00021)	0.10263	
31	Off-Peak Energy: Summer																
32	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.07379	(0.00021)	0.08655	
33	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.07356	(0.00021)	0.08632	
34	On-Peak Energy: Winter																
35	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.09821	(0.00021)	0.11097	
36	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.09776	(0.00021)	0.11052	
37	Semi-Peak Energy: Winter																
38	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.08657	(0.00021)	0.09933	
39	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.08621	(0.00021)	0.09897	
40	Off-Peak Energy: Winter																
41	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.07442	(0.00021)	0.08718	
42	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00000	0.00758	0.00539	0.07420	(0.00021)	0.08696	





## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.11080	(0.00021)	0.12356	
81	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.11027	(0.00021)	0.12303	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.11080	(0.00021)	0.11903	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.11027	(0.00021)	0.11850	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.10554	(0.00021)	0.11377	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09218	(0.00021)	0.10494	
87	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09175	(0.00021)	0.10451	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09218	(0.00021)	0.10041	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09175	(0.00021)	0.09998	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08785	(0.00021)	0.09608	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07379	(0.00021)	0.08655	
93	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07356	(0.00021)	0.08632	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07379	(0.00021)	0.08202	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07356	(0.00021)	0.08179	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07060	(0.00021)	0.07883	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09822	(0.00021)	0.11098	
99	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09777	(0.00021)	0.11053	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09822	(0.00021)	0.10645	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09777	(0.00021)	0.10600	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09365	(0.00021)	0.10188	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08657	(0.00021)	0.09933	
105	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08621	(0.00021)	0.09897	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08657	(0.00021)	0.09480	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08621	(0.00021)	0.09444	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08267	(0.00021)	0.09090	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07442	(0.00021)	0.08718	
111	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07420	(0.00021)	0.08696	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07442	(0.00021)	0.08265	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07420	(0.00021)	0.08243	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07121	(0.00021)	0.07944	

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AL-TOU (ELI)</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	139.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.73	0.00	0.00		139.73	
5	Primary	\$/Month	0.00	37.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.68	0.00	0.00		37.68	
6	Secondary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14	
7	Primary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14	
8	Transmission	\$/Month	0.00	203.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.21	0.00	0.00		203.21	
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	558.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	558.89	0.00	0.00		558.89	
11	Primary	\$/Month	0.00	44.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.83	0.00	0.00		44.83	
12	Secondary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14	
13	Primary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14	
14	Transmission	\$/Month	0.00	813.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	813.05	0.00	0.00		813.05	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	33,675.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,675.97	0.00	0.00		33,675.97	
17	Primary Substation	\$/Month	0.00	33,738.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,738.52	0.00	0.00		33,738.52	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
24	Secondary	\$/kW	11.30	12.27	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.61	0.00	0.00		23.61	
25	Primary	\$/kW	10.92	12.21	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.17	0.00	0.00		23.17	
26	Secondary Substation	\$/kW	11.30	0.29	0.17	0.00	0.00	0.61	0.04	0.00	0.00	12.41	0.00	0.00		12.41	
27	Primary Substation	\$/kW	10.92	0.29	0.17	0.00	0.00	0.61	0.04	0.00	0.00	12.03	0.00	0.00		12.03	
28	Transmission	\$/kW	10.80	0.29	0.17	0.00	0.00	0.61	0.04	0.00	0.00	11.91	0.00	0.00		11.91	
29	Non-Coincident Demand with Off Peak Exemption																
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Maximum On-Peak Demand: Summer																
36	Secondary	\$/kW	2.03	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.00	8.98		18.95	
37	Primary	\$/kW	1.96	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.86	0.00	8.94		18.80	
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	8.98		11.01	
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	8.94		10.90	
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	8.56		10.50	
41	Maximum On-Peak Demand: Winter																
42	Secondary	\$/kW	0.61	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00		7.41	
43	Primary	\$/kW	0.59	6.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.36	0.00	0.00		7.36	
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61	
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
47	Semi-Peak Demand: Summer																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
77																	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08780	(0.00021)	0.09352	
81	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08779	(0.00021)	0.09351	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08780	(0.00021)	0.09364	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08779	(0.00021)	0.09363	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08769	(0.00021)	0.09053	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08762	(0.00021)	0.09334	
87	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08761	(0.00021)	0.09333	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08762	(0.00021)	0.09046	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08761	(0.00021)	0.09045	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08753	(0.00021)	0.09037	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08573	(0.00021)	0.09145	
93	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.08573	(0.00021)	0.09145	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08573	(0.00021)	0.08857	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08573	(0.00021)	0.08857	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08573	(0.00021)	0.08857	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04832	(0.00021)	0.05404	
99	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04832	(0.00021)	0.05404	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04832	(0.00021)	0.05404	
105	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04832	(0.00021)	0.05404	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04832	(0.00021)	0.05116	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04831	(0.00021)	0.05403	
111	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00593	0.00000	0.04831	(0.00021)	0.05403	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04831	(0.00021)	0.05115	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04831	(0.00021)	0.05115	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04831	(0.00021)	0.05115	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE ML C&amp;I Cost Based Option</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	310.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.34	0.00	0.00		310.34	
5	Primary	\$/Month	0.00	150.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.50	0.00	0.00		150.50	
6	Secondary Substation	\$/Month	0.00	68,388.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,388.96	0.00	0.00		68,388.96	
7	Primary Substation	\$/Month	0.00	68,229.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,229.13	0.00	0.00		68,229.13	
8	Transmission	\$/Month	0.00	1,005.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,005.92	0.00	0.00		1,005.92	
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	744.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	744.64	0.00	0.00		744.64	
11	Primary	\$/Month	0.00	174.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.24	0.00	0.00		174.24	
12	Secondary Substation	\$/Month	0.00	68,823.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,823.26	0.00	0.00		68,823.26	
13	Primary Substation	\$/Month	0.00	68,252.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,252.86	0.00	0.00		68,252.86	
14	Transmission	\$/Month	0.00	1,962.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,962.73	0.00	0.00		1,962.73	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	70,041.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70,041.35	0.00	0.00		70,041.35	
17	Primary Substation	\$/Month	0.00	68,341.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,341.30	0.00	0.00		68,341.30	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
24	Secondary	\$/kW	11.30	16.81	0.00	0.00	0.00	0.00	0.04	0.00	0.00	28.15	0.00	0.00		28.15	
25	Primary	\$/kW	10.92	16.72	0.00	0.00	0.00	0.00	0.04	0.00	0.00	27.68	0.00	0.00		27.68	
26	Secondary Substation	\$/kW	11.30	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	13.02	0.00	0.00		13.02	
27	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.64	0.00	0.00		12.64	
28	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.52	0.00	0.00		12.52	
29	Non-Coincident Demand with Off Peak Exemption																
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Maximum On-Peak Demand: Summer																
36	Secondary	\$/kW	2.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.09	0.00	15.36		17.45	
37	Primary	\$/kW	1.96	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.00	15.29		17.31	
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	15.36		17.39	
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	15.29		17.25	
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	14.63		16.57	
41	Maximum On-Peak Demand: Winter																
42	Secondary	\$/kW	0.61	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00		0.66	
43	Primary	\$/kW	0.59	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64	
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61	
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
47	Semi-Peak Demand: Summer																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
77																	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09660	(0.00021)	0.10936	
81	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09613	(0.00021)	0.10889	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09660	(0.00021)	0.10483	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09613	(0.00021)	0.10436	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09201	(0.00021)	0.10024	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08038	(0.00021)	0.09314	
87	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08001	(0.00021)	0.09277	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08038	(0.00021)	0.08861	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08001	(0.00021)	0.08824	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07661	(0.00021)	0.08484	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06415	(0.00021)	0.07691	
93	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06395	(0.00021)	0.07671	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06415	(0.00021)	0.07238	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06395	(0.00021)	0.07218	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06138	(0.00021)	0.06961	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08539	(0.00021)	0.09815	
99	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08500	(0.00021)	0.09776	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08539	(0.00021)	0.09362	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08500	(0.00021)	0.09323	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08142	(0.00021)	0.08965	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07527	(0.00021)	0.08803	
105	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07495	(0.00021)	0.08771	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07527	(0.00021)	0.08350	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07495	(0.00021)	0.08318	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07187	(0.00021)	0.08010	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06470	(0.00021)	0.07746	
111	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06451	(0.00021)	0.07727	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06470	(0.00021)	0.07283	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06451	(0.00021)	0.07274	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06191	(0.00021)	0.07014	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DG-R</b>															
2	Basic Service Fee															
3	Less than or equal to 500 kW															
4	Secondary	\$/Month	0.00	139.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.73	0.00	0.00		139.73
5	Primary	\$/Month	0.00	37.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.68	0.00	0.00		37.68
6	Secondary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14
7	Primary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14
8	Transmission	\$/Month	0.00	203.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.21	0.00	0.00		203.21
9	Greater than 500 kW															
10	Secondary	\$/Month	0.00	558.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	558.89	0.00	0.00		558.89
11	Primary	\$/Month	0.00	44.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.83	0.00	0.00		44.83
12	Secondary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14
13	Primary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14
14	Transmission	\$/Month	0.00	813.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	813.05	0.00	0.00		813.05
15	Transmission Multiple Bus		0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
20	Maximum Demand															
21	Secondary	\$/kW	11.30	0.47	0.00	0.00	0.00	0.00	0.04	0.00	0.00	11.81	0.00	0.00		11.81
22	Primary	\$/kW	10.92	0.63	0.00	0.00	0.00	0.00	0.04	0.00	0.00	11.59	0.00	0.00		11.59
23	Secondary Substation	\$/kW	11.30	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	11.34	0.00	0.00		11.34
24	Primary Substation	\$/kW	10.92	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.96	0.00	0.00		10.96
25	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.84	0.00	0.00		10.84
26	Non-Coincident Demand with Off Peak Exemption															
27	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
28	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
31	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
32	Maximum On-Peak Demand: Summer															
33	Secondary	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
34	Primary	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
35	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
36	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
37	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00		1.94
38	Maximum On-Peak Demand: Winter															
39	Secondary	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
40	Primary	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
41	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
42	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
43	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
44	Power Factor															
45	Secondary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
46	Primary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
47	Secondary Substation	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
48	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
49	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE DG-R (continued)</b>																
51	On-Peak Energy: Summer																
52	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.29384	(0.00021)	0.36532	
53	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.29341	(0.00021)	0.36378	
54	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.29384	(0.00021)	0.30660	
55	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.29341	(0.00021)	0.30617	
56	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.28960	(0.00021)	0.30236	
57	Semi-Peak Energy: Summer																
58	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.15334	(0.00021)	0.22482	
59	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.15285	(0.00021)	0.22322	
60	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.15334	(0.00021)	0.16810	
61	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.15285	(0.00021)	0.16561	
62	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.14832	(0.00021)	0.16108	
63	Off-Peak Energy: Summer																
64	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.10457	(0.00021)	0.17605	
65	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.10439	(0.00021)	0.17476	
66	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.10457	(0.00021)	0.11733	
67	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.10439	(0.00021)	0.11715	
68	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.10202	(0.00021)	0.11478	
69	On-Peak Energy: Winter																
70	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.07869	(0.00021)	0.15017	
71	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.07833	(0.00021)	0.14870	
72	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07869	(0.00021)	0.09145	
73	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07833	(0.00021)	0.09109	
74	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07503	(0.00021)	0.08779	
75	Semi-Peak Energy: Winter																
76	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.06936	(0.00021)	0.14084	
77	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.06907	(0.00021)	0.13944	
78	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06936	(0.00021)	0.08212	
79	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06907	(0.00021)	0.08183	
80	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.06622	(0.00021)	0.07898	
81	Off-Peak Energy: Winter																
82	Secondary	\$/kWh	(0.00951)	0.05948	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06630	0.00539	0.05962	(0.00021)	0.13110	
83	Primary	\$/kWh	(0.00951)	0.05837	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.06519	0.00539	0.05944	(0.00021)	0.12881	
84	Secondary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.05962	(0.00021)	0.07238	
85	Primary Substation	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.05944	(0.00021)	0.07220	
86	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.05705	(0.00021)	0.06981	



**REBUTTAL ATTACHMENT B**

**ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AY-TOU (CLOSED)</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	139.73	0.00	0.00	0.00	0.00	0.00	0.00		139.73	0.00	0.00		139.73	
4	Primary	\$/Month	0.00	37.68	0.00	0.00	0.00	0.00	0.00	0.00		37.68	0.00	0.00		37.68	
5	Transmission	\$/Month	0.00	203.21	0.00	0.00	0.00	0.00	0.00	0.00		203.21	0.00	0.00		203.21	
6	Non-Coincident Demand																
7	Secondary	\$/kW	11.30	12.28	0.00	0.00	0.00	0.00	0.04	0.00		23.62	0.00	0.00		23.62	
8	Primary	\$/kW	10.92	12.21	0.00	0.00	0.00	0.00	0.04	0.00		23.17	0.00	0.00		23.17	
9	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
10	Non-Coincident Demand with Off Peak Exemption																
11	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
14	Maximum On-Peak Demand: Summer																
15	Secondary	\$/kW	2.03	7.94	0.00	0.00	0.00	0.00	0.00	0.00		9.97	0.00	8.98		18.95	
16	Primary	\$/kW	1.96	7.90	0.00	0.00	0.00	0.00	0.00	0.00		9.86	0.00	8.94		18.80	
17	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	8.56		10.50	
18	Maximum On-Peak Demand: Winter																
19	Secondary	\$/kW	0.61	6.81	0.00	0.00	0.00	0.00	0.00	0.00		7.42	0.00	0.00		7.42	
20	Primary	\$/kW	0.59	6.77	0.00	0.00	0.00	0.00	0.00	0.00		7.36	0.00	0.00		7.36	
21	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
22	Power Factor																
23	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
24	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
25	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
26	On-Peak Energy: Summer																
27	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.11080	(0.00021)	0.12356	
28	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.11027	(0.00021)	0.12303	
29	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.10554	(0.00021)	0.11830	
30	Semi-Peak Energy: Summer																
31	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09218	(0.00021)	0.10494	
32	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09175	(0.00021)	0.10451	
33	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08785	(0.00021)	0.10061	
34	Off-Peak Energy: Summer																
35	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07379	(0.00021)	0.08655	
36	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07356	(0.00021)	0.08632	
37	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07060	(0.00021)	0.08336	
38	On-Peak Energy: Winter																
39	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09822	(0.00021)	0.11098	
40	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09777	(0.00021)	0.11053	
41	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.09365	(0.00021)	0.10641	
42	Semi-Peak Energy: Winter																
43	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08657	(0.00021)	0.09933	
44	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08621	(0.00021)	0.09897	
45	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.08267	(0.00021)	0.09543	
46	Off-Peak Energy: Winter																
47	Secondary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07442	(0.00021)	0.08718	
48	Primary	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07200	(0.00021)	0.08696	
49	Transmission	\$/kWh	(0.00951)	0.00076	0.01438	(0.00004)	0.00165	0.00033	0.00001	0.00000		0.00758	0.00539	0.07121	(0.00021)	0.08397	

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>																
51	Basic Service Fee																
52	Secondary	\$/Month	0.00	139.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.73	0.00	0.00		139.73	
53	Primary	\$/Month	0.00	37.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.68	0.00	0.00		37.68	
54	Transmission	\$/Month	0.00	203.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	203.21	0.00	0.00		203.21	
55	Non-Coincident Demand																
56	Secondary	\$/kW	11.30	12.28	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.62	0.00	0.00		23.62	
57	Primary	\$/kW	10.92	12.21	0.00	0.00	0.00	0.00	0.04	0.00	0.00	23.17	0.00	0.00		23.17	
58	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.84	0.00	0.00		10.84	
59	Non-Coincident Demand with Off Peak Exemption																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Maximum On-Peak Demand: Summer																
64	Secondary	\$/kW	2.03	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.00	8.98		18.95	
65	Primary	\$/kW	1.96	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.86	0.00	8.94		18.80	
66	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	8.56		10.50	
67	Maximum On-Peak Demand: Winter																
68	Secondary	\$/kW	0.61	6.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.42	0.00	0.00		7.42	
69	Primary	\$/kW	0.59	6.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.36	0.00	0.00		7.36	
70	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
75	On-Peak Energy: Summer																
76	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.00780	(0.00021)		0.09352	
77	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08779	(0.00021)		0.09351	
78	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08769	(0.00021)		0.09341	
79	Semi-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08762	(0.00021)		0.09334	
81	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08761	(0.00021)		0.09333	
82	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08753	(0.00021)		0.09325	
83	Off-Peak Energy: Summer																
84	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08573	(0.00021)		0.09145	
85	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08573	(0.00021)		0.09145	
86	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.08573	(0.00021)		0.09145	
87	On-Peak Energy: Winter																
88	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
89	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
90	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
91	Semi-Peak Energy: Winter																
92	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
93	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
94	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04832	(0.00021)		0.05404	
95	Off-Peak Energy: Winter																
96	Secondary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04831	(0.00021)		0.05403	
97	Primary	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04831	(0.00021)		0.05403	
98	Transmission	\$/kWh	(0.00951)	0.00076	0.01273	(0.00004)	0.00165	0.00033	0.00001	0.00000	0.00593	0.00000	0.04831	(0.00021)		0.05403	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A6-TOU</b>															
2	Basic Service Fee	\$/Month														
3	Greater than 500 kW											44.83	0.00	0.00		44.83
4	Primary	\$/Month	0.00	44.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.83	0.00	0.00		44.83
5	Primary Substation	\$/Month	0.00	19,956.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,956.14	0.00	0.00		19,956.14
6	Transmission	\$/Month	0.00	1,448.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,448.35	0.00	0.00		1,448.35
7	Greater than 12 MW - Pri. Sub.	\$/Month	0.00	33,738.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,738.52	0.00	0.00		33,738.52
8	Distance Adjustment Fee OH	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
9	Distance Adjustment Fee UG	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
10	Non-Coincident Demand															
11	Primary	\$/KW	10.92	12.50	0.78	0.00	0.61	0.00	0.04	0.00	0.00	24.85	0.00	0.00		24.85
12	Primary Substation	\$/KW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.64	0.00	0.00		12.64
13	Transmission	\$/KW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.52	0.00	0.00		12.52
14	Non-Coincident Demand with Off Peak Exemption															
15	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary Substation	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Transmission	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Maximum Demand at Time of System Peak: Summer															
19	Primary	\$/KW	2.37	7.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.29	0.00	8.94		19.22
20	Primary Substation	\$/KW	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	8.94		11.31
21	Transmission	\$/KW	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.00	8.56		10.91
22	Maximum Demand at Time of System Peak: Winter															
23	Primary	\$/KW	0.64	6.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.41	0.00	0.00		7.41
24	Primary Substation	\$/KW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
25	Transmission	\$/KW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
26	Power Factor															
27	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
28	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
29	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	On-Peak Energy: Summer															
31	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.11027	(0.00021)	0.11850
32	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.11027	(0.00021)	0.11850
33	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.10554	(0.00021)	0.11377
34	Semi-Peak Energy: Summer															
35	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09175	(0.00021)	0.09998
36	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09175	(0.00021)	0.09998
37	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08785	(0.00021)	0.09608
38	Off-Peak Energy: Summer															
39	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07356	(0.00021)	0.08179
40	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07356	(0.00021)	0.08179
41	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07060	(0.00021)	0.07883
42	On-Peak Energy: Winter															
43	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09777	(0.00021)	0.10600
44	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09777	(0.00021)	0.10600
45	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09365	(0.00021)	0.10188
46	Semi-Peak Energy: Winter															
47	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08621	(0.00021)	0.09444
48	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08621	(0.00021)	0.09444
49	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08267	(0.00021)	0.09090
50	Off-Peak Energy: Winter															
51	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07420	(0.00021)	0.08243
52	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07420	(0.00021)	0.08243
53	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07121	(0.00021)	0.07944

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE S</b>																
2	Contracted Demand																
3	Secondary	\$/kW	5.61	8.42	0.00	0.00	0.00	0.00	0.02	0.00		14.05	0.00	0.00		14.05	
4	Primary	\$/kW	5.41	8.37	0.00	0.00	0.00	0.00	0.02	0.00		13.80	0.00	0.00		13.80	
5	Secondary Substation	\$/kW	5.61	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.63	0.00	0.00		5.63	
6	Primary Substation	\$/kW	5.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.43	0.00	0.00		5.43	
7	Transmission	\$/kW	5.36	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.38	0.00	0.00		5.38	
1	<b>SCHEDULE OL-TOU</b>																
2	Basic Service Fee	\$/Month															
3	0-5 kW	\$/Month	0.00	22.94	0.00	0.00	0.00	0.00	0.00	0.00		22.94	0.00	0.00		22.94	
4	5-20 kW	\$/Month	0.00	22.94	0.00	0.00	0.00	0.00	0.00	0.00		22.94	0.00	0.00		22.94	
5	20-50 kW	\$/Month	0.00	22.94	0.00	0.00	0.00	0.00	0.00	0.00		22.94	0.00	0.00		22.94	
6	> 50 kW	\$/Month	0.00	22.94	0.00	0.00	0.00	0.00	0.00	0.00		22.94	0.00	0.00		22.94	
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.29428	(0.00021)	0.40240	
15	Semi-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.10763	(0.00021)	0.21575	
16	Off-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.05908	(0.00021)	0.16720	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.07864	(0.00021)	0.18676	
19	Semi-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.06932	(0.00021)	0.17744	
20	Off-Peak	\$/kWh	0.03077	0.05571	0.01438	(0.00004)	0.00165	0.00033	0.00014	0.00000		0.10294	0.00539	0.05959	(0.00021)	0.16771	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE PA-T-1</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	79.11	0.00	0.00	0.00	0.00	0.00	0.00		79.11	0.00	0.00		79.11	
4	Primary	\$/Month	0.00	79.11	0.00	0.00	0.00	0.00	0.00	0.00		79.11	0.00	0.00		79.11	
5	Transmission	\$/Month	0.00	79.11	0.00	0.00	0.00	0.00	0.00	0.00		79.11	0.00	0.00		79.11	
6	Non-Coincident Demand																
7	Secondary	\$/kW	4.83	0.00	0.00	0.00	0.00	0.00	0.02	0.00		4.85	0.00	0.00		4.85	
8	Primary	\$/kW	4.68	0.00	0.00	0.00	0.00	0.00	0.02	0.00		4.70	0.00	0.00		4.70	
9	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00		0.02	0.00	0.00		0.02	
10	Non-Coincident Demand (Excluding Off-Peak)																
11	Secondary	\$/kW	0.00	10.87	0.00	0.00	0.00	0.00	0.00	0.00		10.87	0.00	0.00		10.87	
12	Primary	\$/kW	0.00	10.82	0.00	0.00	0.00	0.00	0.00	0.00		10.82	0.00	0.00		10.82	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
14	Demand: On-Peak: Summer																
15	Option C																
16	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.86		4.86	
17	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.84		4.84	
18	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.63		4.63	
19	Option D																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.86		4.86	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.84		4.84	
22	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.63		4.63	
23	Option E																
24	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.86		4.86	
25	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.84		4.84	
26	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.63		4.63	
27	Option F																
28	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.86		4.86	
29	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.84		4.84	
30	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	4.63		4.63	
31	Demand: On-Peak: Winter																
32	Option C																
33	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
34	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
35	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
36	Option D																
37	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
38	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
39	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
40	Option E																
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
43	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
44	Option F																
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
47	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
48	Demand: Semi-Peak																
49	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
50	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
51	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
52	On-Peak Energy: Summer																
53	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.10077	(0.00021)	0.11263	
54	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.10028	(0.00021)	0.11214	
55	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.99599	(0.00021)	0.10785	
56	Semi-Peak Energy: Summer																
57	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.08365	(0.00021)	0.09551	
58	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.08327	(0.00021)	0.09513	
59	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.07972	(0.00021)	0.09158	
60	Off-Peak Energy: Summer																
61	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.06842	(0.00021)	0.08028	
62	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.06821	(0.00021)	0.08007	
63	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.65447	(0.00021)	0.07733	
64	On-Peak Energy: Winter																
65	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.09108	(0.00021)	0.10294	
66	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.09067	(0.00021)	0.10253	
67	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.08685	(0.00021)	0.09871	
68	Semi-Peak Energy: Winter																
69	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.08028	(0.00021)	0.09214	
70	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.07995	(0.00021)	0.09181	
71	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.07666	(0.00021)	0.08852	
72	Off-Peak Energy: Winter																
73	Secondary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.06901	(0.00021)	0.08087	
74	Primary	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.06881	(0.00021)	0.08067	
75	Transmission	\$/kWh	(0.00951)	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00001	0.00000		0.00668	0.00539	0.06604	(0.00021)	0.07790	

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE PA</b>															
2	Less than 20 kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00		21.87	0.00	0.00		21.87
5	Primary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00		21.87	0.00	0.00		21.87
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.11105	(0.00021)	0.19802
22	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.11075	(0.00021)	0.19744
23	Winter															
24	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.06511	(0.00021)	0.15208
25	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.06487	(0.00021)	0.15156
26	Greater than 20 kW															
27	Basic Service Fee															
28	Secondary	\$/Month	0.00	26.24	0.00	0.00	0.00	0.00	0.00	0.00		26.24	0.00	0.00		26.24
29	Primary	\$/Month	0.00	26.24	0.00	0.00	0.00	0.00	0.00	0.00		26.24	0.00	0.00		26.24
30	Non-Coincident Demand															
31	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
32	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
33	Non-Coincident Demand with Off Peak Exemption															
34	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
35	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
36	On Peak Demand															
37	Summer															
38	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
39	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
40	Winter															
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
43	Energy Charge															
44	Summer															
45	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.11105	(0.00021)	0.19802
46	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.11075	(0.00021)	0.19744
47	Winter															
48	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.06511	(0.00021)	0.15208
49	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.06487	(0.00021)	0.15156

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	EECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-PA</b>															
2	Less than 20kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00		21.87	0.00	0.00		21.87
5	Primary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00		21.87	0.00	0.00		21.87
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	On-Peak															
22	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.16382	(0.00021)	0.25079
23	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.16303	(0.00021)	0.24972
24	Semi-Peak															
25	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.11105	(0.00021)	0.19902
26	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.11051	(0.00021)	0.19720
27	Off-Peak															
28	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.09051	(0.00021)	0.17748
29	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.09007	(0.00021)	0.17676
30	Winter															
31	On-Peak															
32	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.06887	(0.00021)	0.15584
33	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.06855	(0.00021)	0.15524
34	Semi-Peak															
35	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.06070	(0.00021)	0.14767
36	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.06045	(0.00021)	0.14714
37	Off-Peak															
38	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.05218	(0.00021)	0.13915
39	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.05203	(0.00021)	0.13872
40	Greater than or equal to 20kW															
41	Basic Service Fee															
42	Secondary	\$/Month	0.00	26.24	0.00	0.00	0.00	0.00	0.00	0.00		26.24	0.00	0.00		26.24
43	Primary	\$/Month	0.00	26.24	0.00	0.00	0.00	0.00	0.00	0.00		26.24	0.00	0.00		26.24
44	Non-Coincident Demand															
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
47	Non-Coincident Demand with Off Peak Exemption															
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
50	On Peak Demand															
51	Summer															
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	1.93		1.93
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	1.92		1.92
54	Winter															
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
57	Energy Charge															
58	Summer															
59	On-Peak															
60	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.13191	(0.00021)	0.21888
61	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.13128	(0.00021)	0.21797
62	Semi-Peak															
63	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.10953	(0.00021)	0.19850
64	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.10900	(0.00021)	0.19569
65	Off-Peak															
66	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.08959	(0.00021)	0.17656
67	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.08916	(0.00021)	0.17585
68	Winter															
69	On-Peak															
70	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.07539	(0.00021)	0.16236
71	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.07502	(0.00021)	0.16171
72	Semi-Peak															
73	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.06645	(0.00021)	0.15342
74	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.06613	(0.00021)	0.15282
75	Off-Peak															
76	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08179	0.00539	0.05712	(0.00021)	0.14409
77	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.08151	0.00539	0.05685	(0.00021)	0.14354

## REBUTTAL ATTACHMENT B

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION	UNITS	TRANSMISSION RATE	DISTRIBUTION RATE	PPP RATE	NUCLEAR DECOMMISSION RATE	CTC RATE	LGC RATE	RS RATE	TRAC RATE	GHG RATE	TOTAL UDC RATE	DWR BOND RATE	ECC RATE	DWR Credit	TOTAL RATE
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>															
2	<i>Less than 20kW</i>															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
5	Primary	\$/Month	0.00	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.87	0.00	0.00		21.87
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	On-Peak															
22	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08179	0.00539	0.16382	(0.00021)	0.25079
23	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08151	0.00539	0.16303	(0.00021)	0.24972
27	Off-Peak															
28	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08179	0.00539	0.10273	(0.00021)	0.18970
29	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08151	0.00539	0.10223	(0.00021)	0.18892
30	Winter															
31	On-Peak															
32	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08179	0.00539	0.06887	(0.00021)	0.15584
33	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08151	0.00539	0.06855	(0.00021)	0.15524
37	Off-Peak															
38	Secondary	\$/kWh	0.01089	0.05551	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08179	0.00539	0.05722	(0.00021)	0.14419
39	Primary	\$/kWh	0.01089	0.05523	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.08151	0.00539	0.05695	(0.00021)	0.14364
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>															
40	<i>Greater than or equal to 20kW</i>															
41	Basic Service Fee															
42	Secondary	\$/Month	0.00	287.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287.15	0.00	0.00		287.15
43	Primary	\$/Month	0.00	144.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.07	0.00	0.00		144.07
44	Non-Coincident Demand															
45	Secondary	\$/kW	0.00	7.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.72	0.00	0.00		7.72
46	Primary	\$/kW	0.00	7.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.00	0.00		7.68
47	Non-Coincident Demand with Off Peak Exemption															
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
50	On Peak Demand															
51	Summer															
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.71		8.71
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67		8.67
54	Winter															
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
57	Energy Charge															
58	Summer															
59	On-Peak															
60	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.10083	(0.00021)	0.13315
61	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.10035	(0.00021)	0.13267
62	Semi-Peak															
63	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.08372	(0.00021)	0.11604
64	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.08332	(0.00021)	0.11564
65	Off-Peak															
66	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.06850	(0.00021)	0.10082
67	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.06817	(0.00021)	0.10049
68	Winter															
69	On-Peak															
70	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.07539	(0.00021)	0.10771
71	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.07502	(0.00021)	0.10734
72	Semi-Peak															
73	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.06845	(0.00021)	0.09877
74	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.06613	(0.00021)	0.09845
75	Off-Peak															
76	Secondary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.05712	(0.00021)	0.08944
77	Primary	\$/kWh	0.01089	0.00086	0.01402	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.02714	0.00539	0.05685	(0.00021)	0.08917



REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
1			LS-1, Mercury Vapor, Class A, Reactor Ballast																1
2	0.192		67	175 7000	1.31	10.69	0.28	0.00	0.01	0.02	0.01	0.00	12.32	0.36113	5.34794	(0.01411)	18.01496	(0.00469)	2
3			LS-1, Mercury Vapor, Class A, Regulator Ballast																3
4	0.210		73	175 7000	1.42	10.82	0.30	0.00	0.01	0.02	0.01	0.00	12.58	0.39347	5.82686	(0.01537)	18.78496	(0.00511)	4
5	0.460		160	400 20000	3.12	15.79	0.67	(0.01)	0.02	0.05	0.02	0.00	19.66	0.86240	12.77120	(0.03369)	33.25991	(0.01120)	5
6			LS-1, HPSV, Class A, Reactor Ballast																6
7	0.083		29	70 5800	0.57	9.84	0.12	0.00	0.00	0.01	0.00	0.00	10.54	0.15631	2.31478	(0.00611)	13.00498	(0.00203)	7
8	0.117		41	100 9500	0.80	10.28	0.17	0.00	0.00	0.01	0.00	0.00	11.26	0.22099	3.27262	(0.00863)	14.74498	(0.00287)	8
9	0.171		59	150 16000	1.15	10.66	0.25	0.00	0.01	0.02	0.01	0.00	12.10	0.31801	4.70938	(0.01242)	17.11497	(0.00413)	9
10			LS-1, HPSV, Class A, Regulator Ballast																10
11	0.246		85	200 22000	1.66	12.02	0.35	0.00	0.01	0.03	0.01	0.00	14.08	0.45815	6.78470	(0.01790)	21.30495	(0.00595)	11
12	0.313		109	250 30000	2.13	13.14	0.45	0.00	0.01	0.03	0.01	0.00	15.77	0.58751	8.70038	(0.02295)	25.03494	(0.00763)	12
13	0.476		165	400 50000	3.22	14.06	0.69	(0.01)	0.02	0.05	0.02	0.00	18.05	0.88935	13.17030	(0.03474)	32.07491	(0.01155)	13
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast																14
15	0.083		29	70 5800	0.57	9.98	0.12	0.00	0.00	0.01	0.00	0.00	10.68	0.15631	2.31478	(0.00611)	13.14498	(0.00203)	15
16	0.117		41	100 9500	0.80	10.48	0.17	0.00	0.00	0.01	0.00	0.00	11.46	0.22099	3.27262	(0.00863)	14.94498	(0.00287)	16
17	0.171		59	150 16000	1.15	10.73	0.25	0.00	0.01	0.02	0.01	0.00	12.17	0.31801	4.70938	(0.01242)	17.18497	(0.00413)	17
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast																18
19	0.246		85	200 22000	1.66	12.06	0.35	0.00	0.01	0.03	0.01	0.00	14.12	0.45815	6.78470	(0.01790)	21.34495	(0.00595)	19
20	0.313		109	250 30000	2.13	13.19	0.45	0.00	0.01	0.03	0.01	0.00	15.82	0.58751	8.70038	(0.02295)	25.08494	(0.00763)	20
21	0.476		165	400 50000	3.22	13.99	0.69	(0.01)	0.02	0.05	0.02	0.00	17.98	0.88935	13.17030	(0.03474)	32.00491	(0.01155)	21
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast																22
23	0.083		29	70 5800	0.57	8.83	0.12	0.00	0.00	0.01	0.00	0.00	9.53	0.15631	2.31478	(0.00611)	11.99498	(0.00203)	23
24	0.117		41	100 9500	0.80	9.30	0.17	0.00	0.00	0.01	0.00	0.00	10.28	0.22099	3.27262	(0.00863)	13.76498	(0.00287)	24
25	0.171		59	150 16000	1.15	9.65	0.25	0.00	0.01	0.02	0.01	0.00	11.09	0.31801	4.70938	(0.01242)	16.10497	(0.00413)	25
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast																26
27	0.246		85	200 22000	1.66	11.01	0.35	0.00	0.01	0.03	0.01	0.00	13.07	0.45815	6.78470	(0.01790)	20.29495	(0.00595)	27
28	0.313		109	250 30000	2.13	12.22	0.45	0.00	0.01	0.03	0.01	0.00	14.85	0.58751	8.70038	(0.02295)	24.11494	(0.00763)	28
29	0.476		165	400 50000	3.22	13.05	0.69	(0.01)	0.02	0.05	0.02	0.00	17.04	0.88935	13.17030	(0.03474)	31.06491	(0.01155)	29
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast																30
31	0.083		29	70 5800	0.57	14.67	0.12	0.00	0.00	0.01	0.00	0.00	15.37	0.15631	2.31478	(0.00611)	17.83498	(0.00203)	31
32	0.117		41	100 9500	0.80	15.00	0.17	0.00	0.00	0.01	0.00	0.00	15.98	0.22099	3.27262	(0.00863)	19.46498	(0.00287)	32
33	0.171		59	150 16000	1.15	15.26	0.25	0.00	0.01	0.02	0.01	0.00	16.70	0.31801	4.70938	(0.01242)	21.71497	(0.00413)	33
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast																34
35	0.246		85	200 22000	1.66	17.60	0.35	0.00	0.01	0.03	0.01	0.00	19.66	0.45815	6.78470	(0.01790)	26.88495	(0.00595)	35
36	0.313		109	250 30000	2.13	18.13	0.45	0.00	0.01	0.03	0.01	0.00	20.76	0.58751	8.70038	(0.02295)	30.02494	(0.00763)	36
37	0.476		165	400 50000	3.22	21.04	0.69	(0.01)	0.02	0.05	0.02	0.00	25.03	0.88935	13.17030	(0.03474)	39.05491	(0.01155)	37
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast																38
39	0.083		29	70 5800	0.57	9.70	0.12	0.00	0.00	0.01	0.00	0.00	10.40	0.15631	2.31478	(0.00611)	12.86498	(0.00203)	39
40	0.117		41	100 9500	0.80	9.97	0.17	0.00	0.00	0.01	0.00	0.00	10.95	0.22099	3.27262	(0.00863)	14.43498	(0.00287)	40
41	0.171		59	150 16000	1.15	10.63	0.25	0.00	0.01	0.02	0.01	0.00	12.07	0.31801	4.70938	(0.01242)	17.08497	(0.00413)	41
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast																42
43	0.246		85	200 22000	1.66	11.38	0.35	0.00	0.01	0.03	0.01	0.00	13.44	0.45815	6.78470	(0.01790)	20.66495	(0.00595)	43
44	0.313		109	250 30000	2.13	13.17	0.45	0.00	0.01	0.03	0.01	0.00	15.80	0.58751	8.70038	(0.02295)	25.06494	(0.00763)	44
45	0.476		165	400 50000	3.22	13.49	0.69	(0.01)	0.02	0.05	0.02	0.00	17.48	0.88935	13.17030	(0.03474)	31.50491	(0.01155)	45

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	TOTAL					UTIL SERV CREDIT (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)									UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)			
46			LS-1, LPSV, Class A																	46
47	0.088	31	55	8000	0.60	13.88	0.13	0.00	0.00	0.01	0.00	0.00	14.62	0.16709	2.47442	(0.00653)	17.25498	(0.00217)		47
48	0.145	50	90	13500	0.98	15.29	0.21	0.00	0.01	0.01	0.01	0.00	16.51	0.26950	3.99100	(0.01053)	20.75997	(0.00350)		48
49	0.206	71	135	22500	1.39	16.21	0.30	0.00	0.01	0.02	0.01	0.00	17.94	0.38269	5.66722	(0.01495)	23.97496	(0.00497)		49
50	0.235	82	180	33000	1.60	18.36	0.34	0.00	0.01	0.02	0.01	0.00	20.34	0.44198	6.54524	(0.01727)	27.30995	(0.00574)		50
51			LS-1, LPSV, Class B, 1-Lamp																	51
52	0.088	31	55	8000	0.60	14.05	0.13	0.00	0.00	0.01	0.00	0.00	14.79	0.16709	2.47442	(0.00653)	17.42498	(0.00217)		52
53	0.145	50	90	13500	0.98	15.46	0.21	0.00	0.01	0.01	0.01	0.00	16.68	0.26950	3.99100	(0.01053)	20.92997	(0.00350)		53
54	0.206	71	135	22500	1.39	16.34	0.30	0.00	0.01	0.02	0.01	0.00	18.07	0.38269	5.66722	(0.01495)	24.10496	(0.00497)		54
55	0.235	82	180	33000	1.60	18.49	0.34	0.00	0.01	0.02	0.01	0.00	20.47	0.44198	6.54524	(0.01727)	27.43995	(0.00574)		55
56			LS-1, LPSV, Class B, 2-Lamp																	56
57	0.088	31	55	8000	0.60	13.41	0.13	0.00	0.00	0.01	0.00	0.00	14.15	0.16709	2.47442	(0.00653)	16.78498	(0.00217)		57
58	0.145	50	90	13500	0.98	14.82	0.21	0.00	0.01	0.01	0.01	0.00	16.04	0.26950	3.99100	(0.01053)	20.28997	(0.00350)		58
59	0.206	71	135	22500	1.39	15.94	0.30	0.00	0.01	0.02	0.01	0.00	17.67	0.38269	5.66722	(0.01495)	23.70496	(0.00497)		59
60	0.235	82	180	33000	1.60	18.08	0.34	0.00	0.01	0.02	0.01	0.00	20.06	0.44198	6.54524	(0.01727)	27.02995	(0.00574)		60
61			LS-1, LPSV, Class C, 1-Lamp																	61
62	0.088	31	55	8000	0.60	17.13	0.13	0.00	0.00	0.01	0.00	0.00	17.87	0.16709	2.47442	(0.00653)	20.50498	(0.00217)		62
63	0.145	50	90	13500	0.98	17.88	0.21	0.00	0.01	0.01	0.01	0.00	19.10	0.26950	3.99100	(0.01053)	23.34997	(0.00350)		63
64	0.206	71	135	22500	1.39	20.04	0.30	0.00	0.01	0.02	0.01	0.00	21.77	0.38269	5.66722	(0.01495)	27.80496	(0.00497)		64
65	0.235	82	180	33000	1.60	20.76	0.34	0.00	0.01	0.02	0.01	0.00	22.74	0.44198	6.54524	(0.01727)	29.70995	(0.00574)		65
66			LS-1, LPSV, Class C, 2-Lamp																	66
67	0.088	31	55	8000	0.60	13.51	0.13	0.00	0.00	0.01	0.00	0.00	14.25	0.16709	2.47442	(0.00653)	16.88498	(0.00217)		67
68	0.145	50	90	13500	0.98	14.95	0.21	0.00	0.01	0.01	0.01	0.00	16.17	0.26950	3.99100	(0.01053)	20.41997	(0.00350)		68
69	0.206	71	135	22500	1.39	16.27	0.30	0.00	0.01	0.02	0.01	0.00	18.00	0.38269	5.66722	(0.01495)	24.03496	(0.00497)		69
70	0.235	82	180	33000	1.60	18.15	0.34	0.00	0.01	0.02	0.01	0.00	20.13	0.44198	6.54524	(0.01727)	27.09995	(0.00574)		70
71			LS-1, Metal Halide, Class A																	71
72	0.132	46	100	8500	0.90	8.24	0.19	0.00	0.01	0.01	0.00	0.00	9.35	0.24794	3.67172	(0.00969)	13.25997	(0.00322)		72
73	0.207	72	175	12000	1.40	8.79	0.30	0.00	0.01	0.02	0.01	0.00	10.53	0.38808	5.74704	(0.01516)	16.64996	(0.00504)		73
74	0.288	100	250	18000	1.95	9.48	0.42	0.00	0.01	0.03	0.01	0.00	11.90	0.53900	7.98200	(0.02106)	20.39994	(0.00700)		74
75	0.444	154	400	32000	3.00	11.19	0.64	(0.01)	0.02	0.05	0.02	0.00	14.91	0.83006	12.29228	(0.03243)	27.99991	(0.01078)		75
76			LS-1, Metal Halide, Class B																	76
77	0.132	46	100	8500	0.90	8.69	0.19	0.00	0.01	0.01	0.00	0.00	9.80	0.24794	3.67172	(0.00969)	13.70997	(0.00322)		77
78	0.207	72	175	12000	1.40	9.24	0.30	0.00	0.01	0.02	0.01	0.00	10.98	0.38808	5.74704	(0.01516)	17.09996	(0.00504)		78
79	0.288	100	250	18000	1.95	9.93	0.42	0.00	0.01	0.03	0.01	0.00	12.35	0.53900	7.98200	(0.02106)	20.84994	(0.00700)		79
80	0.444	154	400	32000	3.00	11.65	0.64	(0.01)	0.02	0.05	0.02	0.00	15.37	0.83006	12.29228	(0.03243)	28.45991	(0.01078)		80
81			LS-1, Metal Halide, Class C																	81
82	0.132	46	100	8500	0.90	20.47	0.19	0.00	0.01	0.01	0.00	0.00	21.58	0.24794	3.67172	(0.00969)	25.48997	(0.00322)		82
83	0.207	72	175	12000	1.40	21.02	0.30	0.00	0.01	0.02	0.01	0.00	22.76	0.38808	5.74704	(0.01516)	28.87996	(0.00504)		83
84	0.288	100	250	18000	1.95	21.71	0.42	0.00	0.01	0.03	0.01	0.00	24.13	0.53900	7.98200	(0.02106)	32.62994	(0.00700)		84
85	0.444	154	400	32000	3.00	23.43	0.64	(0.01)	0.02	0.05	0.02	0.00	27.15	0.83006	12.29228	(0.03243)	40.23991	(0.01078)		85
86			LS-1 Pole in Non-Standard Position																	86
87			30-foot			8.26							8.26					8.26		87
88			35-foot			8.63							8.63					8.63		88
89			LS-2, Mercury Vapor, Rate A, Regulator Ballast																	89
90	0.210	73	175	7000	1.42	2.91	0.30	0.00	0.01	0.02	0.01	0.00	4.67	0.39347	5.82686	(0.01537)	10.87496	(0.00511)		90
91	0.292	101	250	10000	1.97	3.52	0.42	0.00	0.01	0.03	0.01	0.00	5.96	0.54439	8.06182	(0.02127)	14.54494	(0.00707)		91
92	0.460	160	400	20000	3.12	4.76	0.67	(0.01)	0.02	0.05	0.02	0.00	8.63	0.86240	12.77120	(0.03369)	22.22991	(0.01120)		92
93	0.780	271	700	35000	5.29	7.12	1.13	(0.01)	0.03	0.08	0.03	0.00	13.67	1.46069	21.63122	(0.05706)	36.70485	(0.01897)		93
94	1.102	382	1000	55000	7.45	9.50	1.59	(0.02)	0.04	0.11	0.04	0.00	18.71	2.05898	30.49124	(0.08043)	51.17979	(0.02674)		94

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
95			LS-2, Mercury Vapor, Rate A, Reactor Ballast																95
96	0.192	67	175	7000	1.31	2.78	0.28	0.00	0.01	0.02	0.01	0.00	4.41	0.36113	5.34794	(0.01411)	10.10496	(0.00469)	96
97			LS-2, Mercury Vapor, Rate A, Series Service																97
98	0.207	72	175	7000	1.40	2.84	0.30	0.00	0.01	0.02	0.01	0.00	4.58	0.38808	5.74704	(0.01516)	10.69996	(0.00504)	98
99	0.250	87	250	10000	1.70	3.16	0.36	0.00	0.01	0.03	0.01	0.00	5.27	0.46893	6.94434	(0.01832)	12.66495	(0.00609)	99
100	0.445	154	400	20000	3.00	4.60	0.64	(0.01)	0.02	0.05	0.02	0.00	8.32	0.83006	12.29228	(0.03243)	21.40991	(0.01078)	100
101	0.780	271	700	35000	5.29	7.08	1.13	(0.01)	0.03	0.08	0.03	0.00	13.63	1.46069	21.63122	(0.05706)	36.66485	(0.01897)	101
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast																102
103	0.210	73	175	7000	1.42	4.40	0.30	0.00	0.01	0.02	0.01	0.00	6.16	0.39347	5.82686	(0.01537)	12.36496	(0.00511)	103
104	0.292	101	250	10000	1.97	5.01	0.42	0.00	0.01	0.03	0.01	0.00	7.45	0.54439	8.06182	(0.02127)	16.03494	(0.00707)	104
105	0.460	160	400	20000	3.12	6.25	0.67	(0.01)	0.02	0.05	0.02	0.00	10.12	0.86240	12.77120	(0.03369)	23.71991	(0.01120)	105
106			LS-2, Mercury Vapor, Rate B, Series Service																106
107	0.207	72	175	7000	1.40	4.33	0.30	0.00	0.01	0.02	0.01	0.00	6.07	0.38808	5.74704	(0.01516)	12.18996		107
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast																108
109	0.058	20	50	4000	0.39	1.79	0.08	0.00	0.00	0.01	0.00	0.00	2.27	0.10780	1.59640	(0.00421)	3.96999	(0.00140)	109
110	0.101	35	70	5800	0.68	2.11	0.15	0.00	0.00	0.01	0.00	0.00	2.95	0.18865	2.79370	(0.00737)	5.92498	(0.00245)	110
111	0.141	49	100	9500	0.96	2.40	0.20	0.00	0.01	0.01	0.00	0.00	3.58	0.26411	3.91118	(0.01032)	7.74497	(0.00343)	111
112	0.193	67	150	16000	1.31	2.79	0.28	0.00	0.01	0.02	0.01	0.00	4.42	0.36113	5.34794	(0.01411)	10.11496	(0.00469)	112
113	0.246	85	200	22000	1.66	3.18	0.35	0.00	0.01	0.03	0.01	0.00	5.24	0.45815	6.78470	(0.01790)	12.46495	(0.00595)	113
114	0.313	109	250	30000	2.13	3.67	0.45	0.00	0.01	0.03	0.01	0.00	6.30	0.58751	8.70038	(0.02295)	15.56494	(0.00763)	114
115	0.383	133	310	37000	2.59	4.19	0.55	(0.01)	0.02	0.04	0.01	0.00	7.39	0.71687	10.61606	(0.02800)	18.69493	(0.00931)	115
116	0.476	165	400	50000	3.22	4.88	0.69	(0.01)	0.02	0.05	0.02	0.00	8.87	0.88935	13.17030	(0.03474)	22.89491	(0.01155)	116
117	1.102	382	1000	140000	7.45	9.50	1.59	(0.02)	0.04	0.11	0.04	0.00	18.71	2.05898	30.49124	(0.08043)	51.17979	(0.02674)	117
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast																118
119	0.050	17	50	4000	0.33	1.73	0.07	0.00	0.00	0.01	0.00	0.00	2.14	0.09163	1.35694	(0.00358)	3.58499	(0.00119)	119
120	0.083	29	70	5800	0.57	1.97	0.12	0.00	0.00	0.01	0.00	0.00	2.67	0.15631	2.31478	(0.00611)	5.13498	(0.00203)	120
121	0.117	41	100	9500	0.80	2.23	0.17	0.00	0.00	0.01	0.00	0.00	3.21	0.22099	3.27262	(0.00863)	6.69498	(0.00287)	121
122	0.171	59	150	16000	1.15	2.62	0.25	0.00	0.01	0.02	0.01	0.00	4.06	0.31801	4.70938	(0.01242)	9.07497	(0.00413)	122
123			LS-2, HPSV, Rate A, Series Service																123
124	0.064	22	50	4000	0.43	2.63	0.09	0.00	0.00	0.01	0.00	0.00	3.16	0.11858	1.75604	(0.00463)	5.02999	(0.00154)	124
125	0.108	37	70	5800	0.72	2.95	0.15	0.00	0.00	0.01	0.00	0.00	3.83	0.19943	2.95334	(0.00779)	6.97498	(0.00259)	125
126	0.121	42	100	9500	0.82	3.05	0.18	0.00	0.00	0.01	0.00	0.00	4.06	0.22638	3.35244	(0.00884)	7.62998	(0.00294)	126
127	0.174	60	150	16000	1.17	3.44	0.25	0.00	0.01	0.02	0.01	0.00	4.90	0.32340	4.78920	(0.01263)	9.99997	(0.00420)	127
128	0.233	81	200	22000	1.58	3.88	0.34	0.00	0.01	0.02	0.01	0.00	5.84	0.43659	6.46542	(0.01706)	12.72495	(0.00567)	128
129	0.313	109	250	30,000	2.13	4.47	0.45	0.00	0.01	0.03	0.01	0.00	7.10	0.58751	8.70038	(0.02295)	16.36494	(0.00763)	129
130			LS-2, HPSV, Rate B, Regulator Ballast																130
131	0.058	20	50	4000	0.39	3.28	0.08	0.00	0.00	0.01	0.00	0.00	3.76	0.10780	1.59640	(0.00421)	5.45999	(0.00140)	131
132	0.101	35	70	5800	0.68	3.60	0.15	0.00	0.00	0.01	0.00	0.00	4.44	0.18865	2.79370	(0.00737)	7.41498	(0.00245)	132
133	0.141	49	100	9500	0.96	3.89	0.20	0.00	0.01	0.01	0.00	0.00	5.07	0.26411	3.91118	(0.01032)	9.23497	(0.00343)	133
134	0.193	67	150	16000	1.31	4.28	0.28	0.00	0.01	0.02	0.01	0.00	5.91	0.36113	5.34794	(0.01411)	11.60496	(0.00469)	134
135	0.246	85	200	22000	1.66	4.67	0.35	0.00	0.01	0.03	0.01	0.00	6.73	0.45815	6.78470	(0.01790)	13.95495	(0.00595)	135
136	0.313	109	250	30000	2.13	5.16	0.45	0.00	0.01	0.03	0.01	0.00	7.79	0.58751	8.70038	(0.02295)	17.05494	(0.00763)	136
137	0.383	133	310	37000	2.59	5.68	0.55	(0.01)	0.02	0.04	0.01	0.00	8.88	0.71687	10.61606	(0.02800)	20.18493	(0.00931)	137
138	0.476	165	400	50000	3.22	6.37	0.69	(0.01)	0.02	0.05	0.02	0.00	10.36	0.88935	13.17030	(0.03474)	24.38491	(0.01155)	138
139	1.102	382	1000	140000	7.45	10.99	1.59	(0.02)	0.04	0.11	0.04	0.00	20.20	2.05898	30.49124	(0.08043)	52.66979	(0.02674)	139

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.		
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)	
140			LS-2, HPSV, Rate B, Reactor Ballast																140	
141	0.050	17	50	4000	0.33	3.22	0.07	0.00	0.00	0.01	0.00	0.00	0.00	3.63	0.09163	1.35694	(0.00358)	5.07499	(0.00119)	141
142	0.083	29	70	5800	0.57	3.46	0.12	0.00	0.00	0.01	0.00	0.00	0.00	4.16	0.15631	2.31478	(0.00611)	6.62498	(0.00203)	142
143	0.117	41	100	9500	0.80	3.71	0.17	0.00	0.00	0.01	0.00	0.00	0.00	4.69	0.22099	3.27262	(0.00863)	8.17498	(0.00287)	143
144	0.171	59	150	16000	1.15	4.11	0.25	0.00	0.01	0.02	0.01	0.00	0.00	5.55	0.31801	4.70938	(0.01242)	10.56497	(0.00413)	144
145			LS-2, HPSV, Rate B, Series Service																	145
146	0.064	22	50	4000	0.43	4.12	0.09	0.00	0.00	0.01	0.00	0.00	0.00	4.65	0.11858	1.75604	(0.00463)	6.51999	(0.00154)	146
147	0.108	37	70	5800	0.72	4.44	0.15	0.00	0.00	0.01	0.00	0.00	0.00	5.32	0.19943	2.95334	(0.00779)	8.46498	(0.00259)	147
148	0.121	42	100	9500	0.82	4.54	0.18	0.00	0.00	0.01	0.00	0.00	0.00	5.55	0.22638	3.35244	(0.00884)	9.11998	(0.00294)	148
149	0.174	60	150	16000	1.17	4.93	0.25	0.00	0.01	0.02	0.01	0.00	0.00	6.39	0.32340	4.78920	(0.01263)	11.48997	(0.00420)	149
150	0.233	81	200	22000	1.58	5.36	0.34	0.00	0.01	0.02	0.01	0.00	0.00	7.32	0.43659	6.46542	(0.01706)	14.20495	(0.00567)	150
151	0.313	109	250	30,000	2.13	5.96	0.45	0.00	0.01	0.03	0.01	0.00	0.00	8.59	0.58751	8.70038	(0.02295)	17.85494	(0.00763)	151
152			LS-2, LPSV, Rate A																	152
153	0.067	23	35	4800	0.45	1.86	0.10	0.00	0.00	0.01	0.00	0.00	0.00	2.42	0.12397	1.83586	(0.00484)	4.37499	(0.00161)	153
154	0.088	31	55	8000	0.60	2.01	0.13	0.00	0.00	0.01	0.00	0.00	0.00	2.75	0.16709	2.47442	(0.00653)	5.38498	(0.00217)	154
155	0.145	50	90	13500	0.98	2.43	0.21	0.00	0.01	0.01	0.01	0.00	0.00	3.65	0.26950	3.99100	(0.01053)	7.89997	(0.00350)	155
156	0.206	71	135	22500	1.39	2.88	0.30	0.00	0.01	0.02	0.01	0.00	0.00	4.61	0.38269	5.66722	(0.01495)	10.64496	(0.00497)	156
157	0.235	82	180	33000	1.60	3.10	0.34	0.00	0.01	0.02	0.01	0.00	0.00	5.08	0.44198	6.54524	(0.01727)	12.04995	(0.00574)	157
158			LS-2, LPSV, Rate A, Series Service																	158
159	0.050	17	35	4800	0.33	2.52	0.07	0.00	0.00	0.01	0.00	0.00	0.00	2.93	0.09163	1.35694	(0.00358)	4.37499	(0.00119)	159
160	0.072	25	55	8000	0.49	2.69	0.10	0.00	0.00	0.01	0.00	0.00	0.00	3.29	0.13475	1.99550	(0.00526)	5.41499	(0.00175)	160
161	0.130	45	90	13500	0.88	3.12	0.19	0.00	0.01	0.01	0.00	0.00	0.00	4.21	0.24255	3.59190	(0.00948)	8.03497	(0.00315)	161
162	0.185	64	135	22500	1.25	3.52	0.27	0.00	0.01	0.02	0.01	0.00	0.00	5.08	0.34496	5.10848	(0.01348)	10.51996	(0.00448)	162
163	0.219	76	180	33000	1.48	3.77	0.32	0.00	0.01	0.02	0.01	0.00	0.00	5.61	0.40964	6.06632	(0.01600)	12.06996	(0.00532)	163
164			LS-2, Incandescent Lamps, Rate A, Energy Only																	164
165	0.073	25	1,000		0.49	1.90	0.10	0.00	0.00	0.01	0.00	0.00	0.00	2.50	0.13475	1.99550	(0.00526)	4.62499	(0.00175)	165
166	0.162	56	2,500		1.09	2.56	0.23	0.00	0.01	0.02	0.01	0.00	0.00	3.92	0.30184	4.46992	(0.01179)	8.67997	(0.00392)	166
167	0.295	102	4,000		1.99	3.54	0.43	0.00	0.01	0.03	0.01	0.00	0.00	6.01	0.54978	8.14164	(0.02148)	14.67994	(0.00714)	167
168	0.405	141	6,000		2.75	4.35	0.59	(0.01)	0.02	0.04	0.01	0.00	0.00	7.75	0.75999	11.25462	(0.02969)	19.73492	(0.00987)	168
169	0.608	211	10,000		4.12	5.85	0.88	(0.01)	0.02	0.06	0.02	0.00	0.00	10.94	1.13729	16.84202	(0.04443)	28.87488	(0.01477)	169
170			LS-2, Incandescent Lamps, Rate B																	170
171	0.405	141	6,000		2.75	5.84	0.59	(0.01)	0.02	0.04	0.01	0.00	0.00	9.24	0.75999	11.25462	(0.02969)	21.22492	(0.00987)	171
172			LS-2, Metal Halide, Rate A																	172
173	0.068	24	50	2100	0.47	1.86	0.10	0.00	0.00	0.01	0.00	0.00	0.00	2.44	0.12936	1.91568	(0.00505)	4.47999	(0.00168)	173
174	0.132	46	100	8500	0.90	2.34	0.19	0.00	0.01	0.01	0.00	0.00	0.00	3.45	0.24794	3.67172	(0.00969)	7.35997	(0.00322)	174
175	0.207	72	175	12000	1.40	2.89	0.30	0.00	0.01	0.02	0.01	0.00	0.00	4.63	0.38808	5.74704	(0.01516)	10.74996	(0.00504)	175
176	0.288	100	250	18000	1.95	3.49	0.42	0.00	0.01	0.03	0.01	0.00	0.00	5.91	0.53900	7.98200	(0.02106)	14.40994	(0.00700)	176
177	0.444	154	400	32000	3.00	4.64	0.64	(0.01)	0.02	0.05	0.02	0.00	0.00	8.36	0.83006	12.29228	(0.03243)	21.44991	(0.01078)	177
178			LS-2, Metal Halide, Rate B																	178
179	0.068	24	50	2100	0.47	3.35	0.10	0.00	0.00	0.01	0.00	0.00	0.00	3.93	0.12936	1.91568	(0.00505)	5.96999	(0.00168)	179
180	0.132	46	100	8500	0.90	3.82	0.19	0.00	0.01	0.01	0.00	0.00	0.00	4.93	0.24794	3.67172	(0.00969)	8.83997	(0.00322)	180
181	0.207	72	175	12000	1.40	4.38	0.30	0.00	0.01	0.02	0.01	0.00	0.00	6.12	0.38808	5.74704	(0.01516)	12.23996	(0.00504)	181
182	0.288	100	250	18000	1.95	4.98	0.42	0.00	0.01	0.03	0.01	0.00	0.00	7.40	0.53900	7.98200	(0.02106)	15.89994	(0.00700)	182
183	0.444	154	400	32000	3.00	6.13	0.64	(0.01)	0.02	0.05	0.02	0.00	0.00	9.85	0.83006	12.29228	(0.03243)	22.93991	(0.01078)	183
184			LS-2, Induction, Rate A, Five-Lamp																	184
185	0.275	95	55	3500	1.85	3.39	0.40	0.00	0.01	0.03	0.01	0.00	0.00	5.69	0.51205	7.58290	(0.02000)	13.76495	(0.00665)	185
186	0.435	151	87	6000	2.95	4.58	0.63	(0.01)	0.02	0.05	0.02	0.00	0.00	8.24	0.81389	12.05282	(0.03179)	21.07492	(0.01057)	186

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use		DESCRIPTION		TRANS RATE	DIST RATE	PPP RATE	ND RATE	ONGOING				TOTAL				UTIL SERV CREDIT (OY)	LINE NO.	
	kW/Lamp	kWh/Lamp/Mo	WATTS (A)	LUMENS (B)	(\$/Lamp)	(\$/Lamp)	(\$/Lamp)	(\$/Lamp)	CTC RATE	LGC RATE	RS RATE	TRAC RATE	UDC RATE	DWR-BC RATE	EECC RATE	DWR CREDIT			TOTAL RATE
					(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)			(O)
187			LS-2, Induction, Rate A, Single-Lamp															187	
188	0.040	14	40		0.27	1.66	0.06	0.00	0.00	0.00	0.00	0.00	1.99	0.07546	1.11748	(0.00295)	3.17999	(0.00098)	188
189	0.050	17	50		0.33	1.73	0.07	0.00	0.00	0.01	0.00	0.00	2.14	0.09163	1.35694	(0.00358)	3.58499	(0.00119)	189
190	0.055	19	55		0.37	1.77	0.08	0.00	0.00	0.01	0.00	0.00	2.23	0.10241	1.51658	(0.00400)	3.84499	(0.00133)	190
191	0.070	24	70		0.47	1.88	0.10	0.00	0.00	0.01	0.00	0.00	2.46	0.12936	1.91568	(0.00505)	4.49999	(0.00168)	191
192	0.080	28	80		0.55	1.95	0.12	0.00	0.00	0.01	0.00	0.00	2.63	0.15092	2.23496	(0.00590)	5.00998	(0.00196)	192
193	0.085	30	85		0.59	1.99	0.13	0.00	0.00	0.01	0.00	0.00	2.72	0.16170	2.39460	(0.00632)	5.26998	(0.00210)	193
194	0.100	35	100		0.68	2.10	0.15	0.00	0.00	0.01	0.00	0.00	2.94	0.18865	2.79370	(0.00737)	5.91498	(0.00245)	194
195	0.150	52	150		1.01	2.47	0.22	0.00	0.01	0.02	0.01	0.00	3.74	0.28028	4.15064	(0.01095)	8.15997	(0.00364)	195
196	0.165	57	165		1.11	2.58	0.24	0.00	0.01	0.02	0.01	0.00	3.97	0.30723	4.54974	(0.01200)	8.81497	(0.00399)	196
197	0.200	69	200		1.35	2.84	0.29	0.00	0.01	0.02	0.01	0.00	4.52	0.37191	5.50758	(0.01453)	10.38496	(0.00483)	197
198	0.250	87	250		1.70	3.21	0.36	0.00	0.01	0.03	0.01	0.00	5.32	0.46893	6.94434	(0.01832)	12.71495	(0.00609)	198
199	0.300	104	300		2.03	3.58	0.43	0.00	0.01	0.03	0.01	0.00	6.09	0.56056	8.30128	(0.02190)	14.92994	(0.00728)	199
200	0.400	139	400		2.71	4.32	0.58	(0.01)	0.02	0.04	0.01	0.00	7.67	0.74921	11.09498	(0.02927)	19.48492	(0.00973)	200
201			LS-2, LED, Rate A, Energy, 1-Lamp																
202	0.0025	1	2.5		0.02	1.38	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00539	0.07982	(0.00021)	1.48500	(0.00007)	202
203	0.0075	3	7.5		0.06	1.42	0.01	0.00	0.00	0.00	0.00	0.00	1.49	0.01617	0.23946	(0.00063)	1.74500	(0.00021)	203
204	0.0125	4	12.5		0.08	1.45	0.02	0.00	0.00	0.00	0.00	0.00	1.55	0.02156	0.31928	(0.00084)	1.89000	(0.00028)	204
205	0.0175	6	17.5		0.12	1.49	0.03	0.00	0.00	0.00	0.00	0.00	1.64	0.03234	0.47892	(0.00126)	2.15000	(0.00042)	205
206	0.0225	8	22.5		0.16	1.53	0.03	0.00	0.00	0.00	0.00	0.00	1.72	0.04312	0.63856	(0.00168)	2.40000	(0.00056)	206
207	0.0275	10	27.5		0.20	1.56	0.04	0.00	0.00	0.00	0.00	0.00	1.80	0.05390	0.79820	(0.00211)	2.64999	(0.00070)	207
208	0.0325	11	32.5		0.21	1.60	0.05	0.00	0.00	0.00	0.00	0.00	1.86	0.05929	0.87802	(0.00232)	2.79499	(0.00077)	208
209	0.0375	13	37.5		0.25	1.64	0.05	0.00	0.00	0.00	0.00	0.00	1.94	0.07007	1.03766	(0.00274)	3.04499	(0.00091)	209
210	0.0425	15	42.5		0.29	1.68	0.06	0.00	0.00	0.00	0.00	0.00	2.03	0.08085	1.19730	(0.00316)	3.30499	(0.00105)	210
211	0.0475	16	47.5		0.31	1.71	0.07	0.00	0.00	0.00	0.00	0.00	2.09	0.08624	1.27712	(0.00337)	3.44999	(0.00112)	211
212	0.0525	18	52.5		0.35	1.75	0.08	0.00	0.00	0.01	0.00	0.00	2.19	0.09702	1.43676	(0.00379)	3.71999	(0.00126)	212
213	0.0575	20	57.5		0.39	1.79	0.08	0.00	0.00	0.01	0.00	0.00	2.27	0.10780	1.59640	(0.00421)	3.96999	(0.00140)	213
214	0.0625	22	62.5		0.43	1.82	0.09	0.00	0.00	0.01	0.00	0.00	2.35	0.11858	1.75604	(0.00463)	4.21999	(0.00154)	214
215	0.0675	23	67.5		0.45	1.86	0.10	0.00	0.00	0.01	0.00	0.00	2.42	0.12397	1.83586	(0.00484)	4.37499	(0.00161)	215
216	0.0725	25	72.5		0.49	1.90	0.10	0.00	0.00	0.01	0.00	0.00	2.50	0.13475	1.99550	(0.00526)	4.62499	(0.00175)	216
217	0.0775	27	77.5		0.53	1.93	0.11	0.00	0.00	0.01	0.00	0.00	2.58	0.14553	2.15514	(0.00569)	4.87498	(0.00189)	217
218	0.0825	29	82.5		0.57	1.97	0.12	0.00	0.00	0.01	0.00	0.00	2.67	0.15631	2.31478	(0.00611)	5.13498	(0.00203)	218
219	0.0875	30	87.5		0.59	2.01	0.13	0.00	0.00	0.01	0.00	0.00	2.74	0.16170	2.39460	(0.00632)	5.28998	(0.00210)	219
220	0.0925	32	92.5		0.62	2.04	0.13	0.00	0.00	0.01	0.00	0.00	2.80	0.17248	2.55424	(0.00674)	5.51998	(0.00224)	220
221	0.0975	34	97.5		0.66	2.08	0.14	0.00	0.00	0.01	0.00	0.00	2.89	0.18326	2.71388	(0.00716)	5.77998	(0.00238)	221
222	0.1025	36	102.5		0.70	2.12	0.15	0.00	0.00	0.01	0.00	0.00	2.98	0.19404	2.87352	(0.00758)	6.03998	(0.00252)	222
223	0.1075	37	107.5		0.72	2.16	0.15	0.00	0.00	0.01	0.00	0.00	3.04	0.19943	2.95334	(0.00779)	6.18498	(0.00259)	223
224	0.1125	39	112.5		0.76	2.19	0.16	0.00	0.00	0.01	0.00	0.00	3.12	0.21021	3.11298	(0.00821)	6.43498	(0.00273)	224
225	0.1175	41	117.5		0.80	2.23	0.17	0.00	0.00	0.01	0.00	0.00	3.21	0.22099	3.27262	(0.00863)	6.69498	(0.00287)	225
226	0.1225	43	122.5		0.84	2.27	0.18	0.00	0.01	0.01	0.00	0.00	3.31	0.23177	3.43226	(0.00905)	6.96498	(0.00301)	226
227	0.1275	44	127.5		0.86	2.30	0.18	0.00	0.01	0.01	0.00	0.00	3.36	0.23716	3.51208	(0.00926)	7.09998	(0.00308)	227
228	0.1325	46	132.5		0.90	2.34	0.19	0.00	0.01	0.01	0.00	0.00	3.45	0.24794	3.67172	(0.00969)	7.35997	(0.00322)	228
229	0.1375	48	137.5		0.94	2.38	0.20	0.00	0.01	0.01	0.00	0.00	3.54	0.25872	3.83136	(0.01011)	7.61997	(0.00336)	229
230	0.1425	49	142.5		0.96	2.41	0.20	0.00	0.01	0.01	0.00	0.00	3.59	0.26411	3.91118	(0.01032)	7.75497	(0.00343)	230
231	0.1475	51	147.5		1.00	2.45	0.21	0.00	0.01	0.02	0.01	0.00	3.70	0.27489	4.07082	(0.01074)	8.03497	(0.00357)	231
232	0.1525	53	152.5		1.03	2.49	0.22	0.00	0.01	0.02	0.01	0.00	3.78	0.28567	4.23046	(0.01116)	8.28497	(0.00371)	232
233	0.1575	55	157.5		1.07	2.53	0.23	0.00	0.01	0.02	0.01	0.00	3.87	0.29645	4.39010	(0.01158)	8.54497	(0.00385)	233
234	0.1625	56	162.5		1.09	2.56	0.23	0.00	0.01	0.02	0.01	0.00	3.92	0.30184	4.46992	(0.01179)	8.67997	(0.00392)	234
235	0.1675	58	167.5		1.13	2.60	0.24	0.00	0.01	0.02	0.01	0.00	4.01	0.31262	4.62956	(0.01221)	8.93997	(0.00406)	235

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
236	0.1725	60	172.5		1.17	2.64	0.25	0.00	0.01	0.02	0.01	0.00	4.10	0.32340	4.78920	(0.01263)	9.19997	(0.00420)	236
237	0.1775	62	177.5		1.21	2.67	0.26	0.00	0.01	0.02	0.01	0.00	4.18	0.33418	4.94884	(0.01305)	9.44997	(0.00434)	237
238	0.1825	63	182.5		1.23	2.71	0.26	0.00	0.01	0.02	0.01	0.00	4.24	0.33957	5.02866	(0.01327)	9.59496	(0.00441)	238
239	0.1875	65	187.5		1.27	2.75	0.27	0.00	0.01	0.02	0.01	0.00	4.33	0.35035	5.18830	(0.01369)	9.85496	(0.00455)	239
240	0.1925	67	192.5		1.31	2.78	0.28	0.00	0.01	0.02	0.01	0.00	4.41	0.36113	5.34794	(0.01411)	10.10496	(0.00469)	240
241	0.1975	69	197.5		1.35	2.82	0.29	0.00	0.01	0.02	0.01	0.00	4.50	0.37191	5.50758	(0.01453)	10.36496	(0.00483)	241
242	0.2025	70	202.5		1.37	2.86	0.29	0.00	0.01	0.02	0.01	0.00	4.56	0.37730	5.58740	(0.01474)	10.50996	(0.00490)	242
243	0.2075	72	207.5		1.40	2.89	0.30	0.00	0.01	0.02	0.01	0.00	4.63	0.38808	5.74704	(0.01516)	10.74996	(0.00504)	243
244	0.2125	74	212.5		1.44	2.93	0.31	0.00	0.01	0.02	0.01	0.00	4.72	0.39886	5.90668	(0.01558)	11.00996	(0.00518)	244
245	0.2175	75	217.5		1.46	2.97	0.31	0.00	0.01	0.02	0.01	0.00	4.78	0.40425	5.98650	(0.01579)	11.15496	(0.00525)	245
246	0.2225	77	222.5		1.50	3.01	0.32	0.00	0.01	0.02	0.01	0.00	4.87	0.41503	6.14614	(0.01621)	11.41496	(0.00539)	246
247	0.2275	79	227.5		1.54	3.04	0.33	0.00	0.01	0.02	0.01	0.00	4.95	0.42581	6.30578	(0.01663)	11.66496	(0.00553)	247
248	0.2325	81	232.5		1.58	3.08	0.34	0.00	0.01	0.02	0.01	0.00	5.04	0.43659	6.46542	(0.01706)	11.92495	(0.00567)	248
249	0.2375	82	237.5		1.60	3.12	0.34	0.00	0.01	0.02	0.01	0.00	5.10	0.44198	6.54524	(0.01727)	12.06995	(0.00574)	249
250	0.2425	84	242.5		1.64	3.15	0.35	0.00	0.01	0.03	0.01	0.00	5.19	0.45276	6.70488	(0.01769)	12.32995	(0.00588)	250
251	0.2475	86	247.5		1.68	3.19	0.36	0.00	0.01	0.03	0.01	0.00	5.28	0.46354	6.86452	(0.01811)	12.58995	(0.00602)	251
252	0.2525	88	252.5		1.72	3.23	0.37	0.00	0.01	0.03	0.01	0.00	5.37	0.47432	7.02416	(0.01853)	12.84995	(0.00616)	252
253	0.2575	89	257.5		1.74	3.26	0.37	0.00	0.01	0.03	0.01	0.00	5.42	0.47971	7.10398	(0.01874)	12.98495	(0.00623)	253
254	0.2625	91	262.5		1.78	3.30	0.38	0.00	0.01	0.03	0.01	0.00	5.51	0.49049	7.26362	(0.01916)	13.24495	(0.00637)	254
255	0.2675	93	267.5		1.81	3.34	0.39	0.00	0.01	0.03	0.01	0.00	5.59	0.50127	7.42326	(0.01958)	13.49495	(0.00651)	255
256	0.2725	95	272.5		1.85	3.37	0.40	0.00	0.01	0.03	0.01	0.00	5.67	0.51205	7.58290	(0.02000)	13.74495	(0.00665)	256
257	0.2775	96	277.5		1.87	3.41	0.40	0.00	0.01	0.03	0.01	0.00	5.73	0.51744	7.66272	(0.02021)	13.88995	(0.00672)	257
258	0.2825	98	282.5		1.91	3.45	0.41	0.00	0.01	0.03	0.01	0.00	5.82	0.52822	7.82236	(0.02063)	14.14995	(0.00686)	258
259	0.2875	100	287.5		1.95	3.49	0.42	0.00	0.01	0.03	0.01	0.00	5.91	0.53900	7.98200	(0.02106)	14.40994	(0.00700)	259
260	0.2925	102	292.5		1.99	3.52	0.43	0.00	0.01	0.03	0.01	0.00	5.99	0.54978	8.14164	(0.02148)	14.65994	(0.00714)	260
261	0.2975	103	297.5		2.01	3.56	0.43	0.00	0.01	0.03	0.01	0.00	6.05	0.55517	8.22146	(0.02169)	14.80494	(0.00721)	261
262	0.3025	105	302.5		2.05	3.60	0.44	0.00	0.01	0.03	0.01	0.00	6.14	0.56595	8.38110	(0.02211)	15.06494	(0.00735)	262
263	0.3075	107	307.5		2.09	3.63	0.45	0.00	0.01	0.03	0.01	0.00	6.22	0.57673	8.54074	(0.02253)	15.31494	(0.00749)	263
264	0.3125	108	312.5		2.11	3.67	0.45	0.00	0.01	0.03	0.01	0.00	6.28	0.58212	8.62056	(0.02274)	15.45994	(0.00756)	264
265	0.3175	110	317.5		2.15	3.71	0.46	0.00	0.01	0.03	0.01	0.00	6.37	0.59290	8.78020	(0.02316)	15.71994	(0.00770)	265
266	0.3225	112	322.5		2.19	3.74	0.47	0.00	0.01	0.03	0.01	0.00	6.45	0.60368	8.93984	(0.02358)	15.96994	(0.00784)	266
267	0.3275	114	327.5		2.22	3.78	0.48	0.00	0.01	0.03	0.01	0.00	6.53	0.61446	9.09948	(0.02400)	16.21994	(0.00798)	267
268	0.3325	115	332.5		2.24	3.82	0.48	0.00	0.01	0.03	0.01	0.00	6.59	0.61985	9.17930	(0.02421)	16.36494	(0.00805)	268
269	0.3375	117	337.5		2.28	3.85	0.49	0.00	0.01	0.04	0.01	0.00	6.68	0.63063	9.33894	(0.02464)	16.62493	(0.00819)	269
270	0.3425	119	342.5		2.32	3.89	0.50	0.00	0.01	0.04	0.01	0.00	6.77	0.64141	9.49858	(0.02506)	16.88493	(0.00833)	270
271	0.3475	121	347.5		2.36	3.93	0.50	0.00	0.01	0.04	0.01	0.00	6.85	0.65219	9.65822	(0.02548)	17.13493	(0.00847)	271
272	0.3525	122	352.5		2.38	3.97	0.51	0.00	0.01	0.04	0.01	0.00	6.92	0.65758	9.73804	(0.02569)	17.28993	(0.00854)	272
273	0.3575	124	357.5		2.42	4.00	0.52	0.00	0.01	0.04	0.01	0.00	7.00	0.66836	9.89768	(0.02611)	17.53993	(0.00868)	273
274	0.3625	126	362.5		2.46	4.04	0.53	(0.01)	0.01	0.04	0.01	0.00	7.08	0.67914	10.05732	(0.02653)	17.78993	(0.00882)	274
275	0.3675	128	367.5		2.50	4.08	0.53	(0.01)	0.01	0.04	0.01	0.00	7.16	0.68992	10.21696	(0.02695)	18.03993	(0.00896)	275
276	0.3725	129	372.5		2.52	4.11	0.54	(0.01)	0.02	0.04	0.01	0.00	7.23	0.69531	10.29678	(0.02716)	18.19493	(0.00903)	276
277	0.3775	131	377.5		2.56	4.15	0.55	(0.01)	0.02	0.04	0.01	0.00	7.32	0.70609	10.45642	(0.02758)	18.45493	(0.00917)	277
278	0.3825	133	382.5		2.59	4.19	0.55	(0.01)	0.02	0.04	0.01	0.00	7.39	0.71687	10.61606	(0.02800)	18.69493	(0.00931)	278
279	0.3875	134	387.5		2.61	4.22	0.56	(0.01)	0.02	0.04	0.01	0.00	7.45	0.72226	10.69588	(0.02821)	18.83993	(0.00938)	279
280	0.3925	136	392.5		2.65	4.26	0.57	(0.01)	0.02	0.04	0.01	0.00	7.54	0.73304	10.85552	(0.02864)	19.09992	(0.00952)	280
281	0.3975	138	397.5		2.69	4.30	0.58	(0.01)	0.02	0.04	0.01	0.00	7.63	0.74382	11.01516	(0.02906)	19.35992	(0.00966)	281
282																			282

REBUTTAL ATTACHMENT B

ILLUSTRATIVE PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
283			LS-3 (CLOSED)															283	
284				Energy Charge (\$/kWh)	0.01951	0.05668	0.00417	(0.00004)	0.00012	0.00030	0.00010	0.00000	0.08084	0.00539	0.07982	(0.00021)	0.16584	(0.00007)	284
285				Minimum Charge (\$/month)		9.10							9.10			9.10		285	
286																		286	
287			OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast															287	
288	0.117	41	100	9500	0.80	12.27	0.17	0.00	0.00	0.01	0.00	0.00	13.25	0.22099	3.27262	(0.00863)	16.73498	(0.00287)	288
289	0.171	59	150	16000	1.15	12.65	0.25	0.00	0.01	0.02	0.01	0.00	14.09	0.31801	4.70938	(0.01242)	19.10497	(0.00413)	289
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast															290	
291	0.313	109	250	30000	2.13	15.56	0.45	0.00	0.01	0.03	0.01	0.00	18.19	0.58751	8.70038	(0.02295)	27.45494	(0.00763)	291
292	0.476	165	400	50000	3.22	16.40	0.69	(0.01)	0.02	0.05	0.02	0.00	20.39	0.88935	13.17030	(0.03474)	34.41491	(0.01155)	292
293	1.102	382	1000	140000	7.45	21.35	1.59	(0.02)	0.04	0.11	0.04	0.00	30.56	2.05898	30.49124	(0.08043)	63.02979	(0.02674)	293
294			OL-1, HPSV, Rate B, Directional Luminaire															294	
295	0.313	109	250	30000	2.13	16.72	0.45	0.00	0.01	0.03	0.01	0.00	19.35	0.58751	8.70038	(0.02295)	28.61494	(0.00763)	295
296	0.476	165	400	50000	3.22	18.19	0.69	(0.01)	0.02	0.05	0.02	0.00	22.18	0.88935	13.17030	(0.03474)	36.20491	(0.01155)	296
297	1.102	382	1000	140000	7.45	25.64	1.59	(0.02)	0.04	0.11	0.04	0.00	34.85	2.05898	30.49124	(0.08043)	67.31979	(0.02674)	297
298			OL-1, LPSV, Rate A, Street Light Luminaire															298	
299	0.088	31	55	8000	0.60	17.03	0.13	0.00	0.00	0.01	0.00	0.00	17.77	0.16709	2.47442	(0.00653)	20.40498	(0.00217)	299
300	0.145	50	90	13000	0.98	18.74	0.21	0.00	0.01	0.01	0.01	0.00	19.96	0.26950	3.99100	(0.01053)	24.20997	(0.00350)	300
301	0.206	71	135	22500	1.39	19.80	0.30	0.00	0.01	0.02	0.01	0.00	21.53	0.38269	5.66722	(0.01495)	27.56496	(0.00497)	301
302	0.235	82	180	33000	1.60	22.54	0.34	0.00	0.01	0.02	0.01	0.00	24.52	0.44198	6.54524	(0.01727)	31.48995	(0.00574)	302
303			OL-1 Pole in Non-Standard Position															303	
304				30-foot		13.91							13.91				13.91		304
305				35-foot		14.54							14.54				14.54		305
306			OL-2															306	
307				Energy Charge (\$/kwh)	0.01951	0.11239	0.00417	(0.00004)	0.00012	0.00030	0.00010	0.00000	0.13655	0.00539	0.07974	(0.00021)	0.22147	(0.00007)	307
308				Basic Service Fee (\$/month)		13.76							13.76				13.76		308
309																		309	
310			DWL, Facilities Charges															310	
311				\$ of Utility Investment		0.0115							0.0115					311	
312			DWL, Energy and Lamp Maintenance Charge															312	
313	0.059	20	50	Watt HPSV	0.39	3.29	0.08	0.00	0.00	0.01	0.00	0.00	3.77	0.10780	1.59640	(0.00421)	5.46999	(0.00140)	313
314				DWL, Minimum Charge		59.58							59.58				59.58		314

**ATTACHMENT C**

**ILLUSTRATIVE BILL IMPACTS FOR YEAR 1**



Attachment C represents bill impacts based on the illustrative rates presented in Attachment B and applied to historic usage associated with SDG&E's residential, commercial, and agricultural customers. The illustrative bill impacts are based on the historic usage identified below and assume no change in usage or demand. The bill impact tables displayed in this workbook hold constant the 2016 Residential Rate Reform design as approved in D.15-07-001 and implemented in Advice Letter 2861-E-A for all three years with the exception of the baseline allowance transition glidepath which includes anticipated changes for the same three-year period.

#### Commercial

- Year over year changes comparing present and Rebuttal Year 1
- Commercial tab depicts customers per impact range. Tables are differentiated by rate schedule.
- Schedule **ALTOU**
  - SDG&E's standard rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ALTOUDGR**
  - SDG&E's optional distributed generation rate schedule for Medium/Large Commercial & Industrial customers. Service under this Schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this Schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **TOU-A**
  - SDG&E's standard rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **A6TOU**
  - SDG&E's optional rate schedule available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period. The applicable commodity schedule for customers taking service on this Schedule is ECCC-CPD, unless the customer has notified its right to opt-out to the Utility. For opt-out provisions, refer to schedule ECCC-CPD-D.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ATOU**
  - SDG&E's optional rate schedule available to customers receiving general service including lighting, appliances, heating, and power, or any combination thereof, including common use and not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ATC**
  - Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **OLTOU**
  - Outdoor Lighting applicable to metered outdoor sports and recreation area lighting load, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's maximum monthly demand; and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **AD**
  - SDG&E's optional rate schedule applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance.
  - Bill impacts include Secondary customers only.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **AYTOU**
  - SDG&E's optional rate schedule available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Small Commercial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Small Commercial Two-Period Rate**
  - SDG&E's optional two-period rate schedule for Small Commercial customers, based on Schedule TOU-A. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Medium/Large Commercial & Industrial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impact comparisons compare Schedule ALTOU as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

#### Residential

- Year over year changes comparing present and Rebuttal Year 1
- Residential tabs depict bill impacts per customer usage level. Tables are differentiated by climate zone (Inland, Coastal, Mountain, Desert), season (Summer, Winter, Annual), and service type (Basic, All-Electric)
- Schedule **DR**
  - SDG&E's standard rate schedule applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **DR-LI**
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

### Agricultural

- o Year over year changes comparing present and Rebuttal Year 1
- o Agricultural tab depicts customers per impact range. Tables are differentiated by rate schedule.

#### o Schedule PA-T-1

- o SDG&E's optional rate schedule available to agricultural and water pumping customers whose Maximum Monthly Demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kWhrs and are also classified by the above NAICS Codes.
- o Bill impacts are based upon historical data ranging from June 2015 - May 2016

#### o Schedule TOU-PA

- o SDG&E's standard rate schedule available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
- o Bill impacts are based upon historical data ranging from June 2015 - May 2016

#### o Schedule Large Agricultural Cost-Based Rate

- o SDG&E's optional cost-based rate schedule available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
- o This optional rate is only available to Large Agricultural customers (>20kW demand).
- o Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
- o Bill impacts are based upon historical data ranging from June 2015 - May 2016

#### o Schedule Small Agricultural Two-Period Rate

- o SDG&E's optional two-period rate schedule, based on Schedule TOU-PA, available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
- o This optional rate is only available to Small Agricultural customers (<20kW demand).
- o Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
- o Bill impacts are based upon historical data ranging from June 2015 - May 2016

### Streetlighting

- o Year over year changes comparing present and Rebuttal Year 1
- o Streetlighting impacts are based on the most recent customer data (2015)

#### o Schedule LS-1

- o Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.

#### o Schedule LS-2

- o Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.

#### o Schedule OL-1

- o Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.

#### o Schedule LS-3

- o Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.

#### o Schedule OL-2

- o SDG&E's optional rate schedule applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule ALTOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	178	0.81%	0.81%	26,923	\$ 8,612.65	\$ 7,537.40	\$ (1,075.26)	-12.5%	1
2	-10.0% to -8%	168	0.77%	1.58%	23,965	\$ 7,453.33	\$ 6,792.43	\$ (660.91)	-8.9%	2
3	-8.0% to -6%	248	1.13%	2.71%	25,633	\$ 7,708.34	\$ 7,172.20	\$ (536.14)	-7.0%	3
4	-6.0% to -4%	289	1.32%	4.03%	32,174	\$ 8,815.25	\$ 8,364.85	\$ (450.40)	-5.1%	4
5	-4.0% to -2%	426	1.94%	5.97%	24,433	\$ 6,486.14	\$ 6,295.44	\$ (190.70)	-2.9%	5
6	-2.0% to 0%	978	4.46%	10.44%	34,816	\$ 6,621.08	\$ 6,569.76	\$ (51.32)	-0.8%	6
7	0.0% to 2%	3,467	15.82%	26.26%	56,867	\$ 7,665.65	\$ 7,751.41	\$ 85.76	1.1%	7
8	2.0% to 4%	7,254	33.11%	59.36%	49,654	\$ 9,015.15	\$ 9,295.24	\$ 280.09	3.1%	8
9	4.0% to 6%	5,063	23.11%	82.47%	24,361	\$ 4,377.00	\$ 4,581.30	\$ 204.31	4.7%	9
10	6.0% to 8%	2,087	9.52%	92.00%	11,956	\$ 2,376.12	\$ 2,539.19	\$ 163.07	6.9%	10
11	8.0% to 10%	750	3.42%	95.42%	8,676	\$ 1,860.18	\$ 2,022.95	\$ 162.77	8.8%	11
12	>10.0%	1,004	4.58%	100.00%	7,287	\$ 2,075.61	\$ 2,398.61	\$ 323.00	15.6%	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,980</b>	<b>\$ 6,346.04</b>	<b>\$ 6,503.64</b>	<b>\$ 157.59</b>	<b>2.5%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule ALTOUDGR (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	2	0.66%	0.66%	7,656	\$ 2,886.71	\$ 2,522.61	\$ (364.10)	-12.6%	1
2	-10.0% to -8%	2	0.66%	1.32%	20,264	\$ 5,886.91	\$ 5,402.43	\$ (484.48)	-8.2%	2
3	-8.0% to -6%	12	3.96%	5.28%	25,804	\$ 7,444.95	\$ 6,923.06	\$ (521.89)	-7.0%	3
4	-6.0% to -4%	16	5.28%	10.56%	29,822	\$ 8,123.93	\$ 7,724.55	\$ (399.38)	-4.9%	4
5	-4.0% to -2%	22	7.26%	17.82%	29,163	\$ 7,959.40	\$ 7,693.36	\$ (266.05)	-3.3%	5
6	-2.0% to 0%	18	5.94%	23.76%	21,565	\$ 5,594.11	\$ 5,540.95	\$ (53.15)	-1.0%	6
7	0.0% to 2%	17	5.61%	29.37%	29,652	\$ 7,247.47	\$ 7,298.62	\$ 51.15	0.7%	7
8	2.0% to 4%	18	5.94%	35.31%	26,086	\$ 6,640.92	\$ 6,836.68	\$ 195.76	2.9%	8
9	4.0% to 6%	14	4.62%	39.93%	39,854	\$ 9,349.32	\$ 9,778.60	\$ 429.28	4.6%	9
10	6.0% to 8%	12	3.96%	43.89%	9,762	\$ 2,670.25	\$ 2,858.00	\$ 187.74	7.0%	10
11	8.0% to 10%	19	6.27%	50.17%	32,133	\$ 8,311.34	\$ 9,027.22	\$ 715.88	8.6%	11
12	>10.0%	151	49.83%	100.00%	6,864	\$ 2,031.67	\$ 2,757.48	\$ 725.81	35.7%	12
	<b>Total</b>	<b>303</b>	<b>100.00%</b>	<b>100.00%</b>	<b>17,056</b>	<b>\$ 4,564.50</b>	<b>\$ 4,943.04</b>	<b>\$ 378.53</b>	<b>8.3%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule TOU-A (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	16	0.01%	0.01%	724	\$ 192.13	\$ 169.06	\$ (23.07)	-12.0%	1
2	-10.0% to -8%	54	0.05%	0.06%	5,714	\$ 1,321.91	\$ 1,209.68	\$ (112.23)	-8.5%	2
3	-8.0% to -6%	1,312	1.10%	1.15%	2,705	\$ 635.69	\$ 593.73	\$ (41.96)	-6.6%	3
4	-6.0% to -4%	11,920	9.95%	11.11%	2,195	\$ 506.42	\$ 482.28	\$ (24.14)	-4.8%	4
5	-4.0% to -2%	30,003	25.05%	36.15%	2,218	\$ 500.96	\$ 486.67	\$ (14.29)	-2.9%	5
6	-2.0% to 0%	29,778	24.86%	61.01%	4,467	\$ 987.36	\$ 973.28	\$ (14.08)	-1.4%	6
7	0.0% to 2%	15,724	13.13%	74.14%	714	\$ 161.33	\$ 162.47	\$ 1.14	0.7%	7
8	2.0% to 4%	7,024	5.86%	80.01%	337	\$ 81.46	\$ 83.74	\$ 2.29	2.8%	8
9	4.0% to 6%	3,926	3.28%	83.28%	207	\$ 53.16	\$ 55.74	\$ 2.58	4.9%	9
10	6.0% to 8%	2,685	2.24%	85.53%	137	\$ 37.63	\$ 40.23	\$ 2.60	6.9%	10
11	8.0% to 10%	1,938	1.62%	87.14%	94	\$ 28.07	\$ 30.69	\$ 2.62	9.3%	11
12	10.0% to 12%	1,432	1.20%	88.34%	69	\$ 22.56	\$ 25.14	\$ 2.58	11.4%	12
13	12.0% to 14%	1,155	0.96%	89.30%	49	\$ 18.16	\$ 21.10	\$ 2.94	13.0%	13
14	14.0% to 16%	1,045	0.87%	90.18%	40	\$ 15.91	\$ 18.52	\$ 2.60	15.0%	14
15	16.0% to 18%	959	0.80%	90.98%	25	\$ 12.59	\$ 15.31	\$ 2.72	17.0%	15
16	18.0% to 20%	831	0.69%	91.67%	20	\$ 11.43	\$ 14.10	\$ 2.67	19.0%	16
17	>20%	9,978	8.33%	100.00%	5	\$ 8.24	\$ 11.01	\$ 2.77	30.8%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 459.37</b>	<b>\$ 450.20</b>	<b>\$ (9.17)</b>	<b>-2.0%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule A6TOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	0	0.00%	0.00%	-	-	-	-	-	5
6	-2.0% to 0%	0	0.00%	0.00%	-	-	-	-	-	6
7	0.0% to 2%	10	33.33%	33.33%	799,394	\$ 53,792.60	\$ 54,258.73	\$ 466.13	0.9%	7
8	2.0% to 4%	16	53.33%	86.67%	4,083,690	\$ 509,023.86	\$ 527,535.90	\$ 18,512.04	3.6%	8
9	4.0% to 6%	3	10.00%	96.67%	4,926,882	\$ 648,861.20	\$ 682,603.11	\$ 33,741.91	5.2%	9
10	6.0% to 8%	0	0.00%	96.67%	-	-	-	-	-	10
11	8.0% to 10%	1	3.33%	100.00%	291	\$ 3,147.29	\$ 3,401.87	\$ 254.58	8.1%	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	-	12
	<b>Total</b>	<b>30</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,937,131</b>	<b>\$ 354,401.29</b>	<b>\$ 367,812.43</b>	<b>\$ 13,411.14</b>	<b>3.8%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule ATOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	116	72.50%	72.50%	6,089	\$ 1,501.21	\$ 1,168.26	\$ (332.94)	-22.2%	1
2	-10.0% to -8%	9	5.63%	78.13%	2,442	\$ 588.02	\$ 536.12	\$ (51.90)	-8.8%	2
3	-8.0% to -6%	7	4.38%	82.50%	2,440	\$ 594.20	\$ 551.09	\$ (43.11)	-7.3%	3
4	-6.0% to -4%	6	3.75%	86.25%	2,049	\$ 507.15	\$ 480.91	\$ (26.24)	-5.2%	4
5	-4.0% to -2%	3	1.88%	88.13%	2,046	\$ 472.04	\$ 458.70	\$ (13.34)	-2.8%	5
6	-2.0% to 0%	2	1.25%	89.38%	1,884	\$ 449.15	\$ 442.99	\$ (6.15)	-1.4%	6
7	0.0% to 2%	3	1.88%	91.25%	2,133	\$ 502.79	\$ 506.91	\$ 4.12	0.8%	7
8	2.0% to 4%	3	1.88%	93.13%	1,552	\$ 372.94	\$ 383.40	\$ 10.46	2.8%	8
9	4.0% to 6%	0	0.00%	93.13%	-	-	-	-	0.0%	9
10	6.0% to 8%	0	0.00%	93.13%	-	-	-	-	0.0%	10
11	8.0% to 10%	2	1.25%	94.38%	916	\$ 247.10	\$ 269.34	\$ 22.24	9.0%	11
12	10.0% to 12%	0	0.00%	94.38%	-	-	-	-	0.0%	12
13	12.0% to 14%	1	0.63%	95.00%	2,277	\$ 512.64	\$ 582.96	\$ 70.32	13.7%	13
14	14.0% to 16%	1	0.63%	95.63%	1,283	\$ 312.85	\$ 359.98	\$ 47.13	15.1%	14
15	16.0% to 18%	1	0.63%	96.25%	2,266	\$ 530.91	\$ 619.64	\$ 88.73	16.7%	15
16	18.0% to 20%	0	0.00%	96.25%	-	-	-	-	0.0%	16
17	>20%	6	3.75%	100.00%	1,144	\$ 257.01	\$ 352.73	\$ 95.72	37.2%	17
	<b>Total</b>	<b>160</b>	<b>100.00%</b>	<b>100.00%</b>	<b>4,957</b>	<b>\$ 1,218.55</b>	<b>\$ 976.48</b>	<b>\$ (242.07)</b>	<b>-19.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule ATC (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	1,045	15.01%	15.01%	2,016	\$ 348.79	\$ 312.45	\$ (36.35)	-10.4%	1
2	-10.0% to -8%	1,783	25.61%	40.63%	787	\$ 140.18	\$ 127.36	\$ (12.82)	-9.1%	2
3	-8.0% to -6%	1,838	26.40%	67.03%	379	\$ 71.17	\$ 66.18	\$ (4.98)	-7.0%	3
4	-6.0% to -4%	1,425	20.47%	87.50%	257	\$ 50.53	\$ 47.89	\$ (2.63)	-5.2%	4
5	-4.0% to -2%	330	4.74%	92.24%	186	\$ 38.54	\$ 37.27	\$ (1.26)	-3.3%	5
6	-2.0% to 0%	56	0.80%	93.05%	141	\$ 30.82	\$ 30.44	\$ (0.39)	-1.2%	6
7	0.0% to 2%	29	0.42%	93.46%	110	\$ 25.69	\$ 25.89	\$ 0.20	0.8%	7
8	2.0% to 4%	25	0.36%	93.82%	88	\$ 21.86	\$ 22.49	\$ 0.64	2.9%	8
9	4.0% to 6%	18	0.26%	94.08%	73	\$ 19.41	\$ 20.34	\$ 0.93	4.8%	9
10	6.0% to 8%	23	0.33%	94.41%	59	\$ 16.99	\$ 18.18	\$ 1.19	7.0%	10
11	8.0% to 10%	47	0.68%	95.09%	51	\$ 15.64	\$ 16.98	\$ 1.35	8.6%	11
12	>10.0%	342	4.91%	100.00%	15	\$ 9.54	\$ 11.58	\$ 2.04	21.4%	12
	<b>Total</b>	<b>6,961</b>	<b>100.00%</b>	<b>100.00%</b>	<b>669</b>	<b>\$ 120.34</b>	<b>\$ 109.80</b>	<b>\$ (10.54)</b>	<b>-8.8%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule OLTOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	4	4.49%	4.49%	3,146	\$ 803.22	\$ 698.15	\$ (105.07)	-13.1%	1
2	-10.0% to -8%	4	4.49%	8.99%	2,874	\$ 695.81	\$ 633.85	\$ (61.97)	-8.9%	2
3	-8.0% to -6%	8	8.99%	17.98%	6,671	\$ 1,573.60	\$ 1,469.29	\$ (104.31)	-6.6%	3
4	-6.0% to -4%	16	17.98%	35.96%	5,913	\$ 1,410.91	\$ 1,343.13	\$ (67.78)	-4.8%	4
5	-4.0% to -2%	13	14.61%	50.56%	4,294	\$ 1,026.78	\$ 995.16	\$ (31.62)	-3.1%	5
6	-2.0% to 0%	10	11.24%	61.80%	5,196	\$ 1,218.18	\$ 1,204.85	\$ (13.34)	-1.1%	6
7	0.0% to 2%	7	7.87%	69.66%	7,052	\$ 1,662.66	\$ 1,670.87	\$ 8.22	0.5%	7
8	2.0% to 4%	13	14.61%	84.27%	5,769	\$ 1,375.90	\$ 1,416.50	\$ 40.60	3.0%	8
9	4.0% to 6%	7	7.87%	92.13%	3,443	\$ 842.08	\$ 883.27	\$ 41.19	4.9%	9
10	6.0% to 8%	6	6.74%	98.88%	5,155	\$ 1,223.56	\$ 1,305.35	\$ 81.79	6.7%	10
11	8.0% to 10%	0	0.00%	-	-	-	-	-	0.0%	11
12	>10.0%	1	1.12%	100.00%	3,035	\$ 766.25	\$ 900.22	\$ 133.97	17.5%	12
	<b>Total</b>	<b>89</b>	<b>100.00%</b>	<b>100.00%</b>	<b>5,194</b>	<b>\$ 1,238.39</b>	<b>\$ 1,220.04</b>	<b>\$ (18.35)</b>	<b>-1.5%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule AD (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	4	2.08%	2.08%	13,086	\$ 4,930.72	\$ 4,785.05	\$ (145.67)	-3.0%	5
6	-2.0% to 0%	7	3.65%	5.73%	21,720	\$ 6,218.75	\$ 6,186.29	\$ (32.46)	-0.5%	6
7	0.0% to 2%	7	3.65%	9.38%	31,717	\$ 8,665.49	\$ 8,749.50	\$ 84.01	1.0%	7
8	2.0% to 4%	31	16.15%	25.52%	21,845	\$ 5,395.17	\$ 5,549.72	\$ 154.55	2.9%	8
9	4.0% to 6%	55	28.65%	54.17%	16,636	\$ 3,704.94	\$ 3,887.59	\$ 182.65	4.9%	9
10	6.0% to 8%	52	27.08%	81.25%	12,179	\$ 2,956.54	\$ 3,157.57	\$ 201.03	6.8%	10
11	8.0% to 10%	21	10.94%	92.19%	9,233	\$ 2,193.73	\$ 2,387.24	\$ 193.51	8.8%	11
12	>10.0%	15	7.81%	100.00%	4,828	\$ 2,037.81	\$ 2,300.95	\$ 263.13	12.9%	12
	<b>Total</b>	<b>192</b>	<b>100.00%</b>	<b>100.00%</b>	<b>15,199</b>	<b>\$ 3,777.66</b>	<b>\$ 3,949.94</b>	<b>\$ 172.29</b>	<b>4.6%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule AYTOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	35	7.09%	7.09%	20,974	\$ 7,227.03	\$ 6,332.08	\$ (894.96)	-12.4%	1
2	-10.0% to -8%	25	5.06%	12.15%	18,016	\$ 5,943.48	\$ 5,402.79	\$ (540.68)	-9.1%	2
3	-8.0% to -6%	31	6.28%	18.42%	19,886	\$ 5,894.66	\$ 5,490.89	\$ (403.77)	-6.8%	3
4	-6.0% to -4%	32	6.48%	24.90%	15,799	\$ 4,352.33	\$ 4,131.49	\$ (220.84)	-5.1%	4
5	-4.0% to -2%	58	11.74%	36.64%	19,588	\$ 5,061.20	\$ 4,912.49	\$ (148.70)	-2.9%	5
6	-2.0% to 0%	126	25.51%	62.15%	23,872	\$ 5,547.33	\$ 5,493.19	\$ (54.13)	-1.0%	6
7	0.0% to 2%	117	23.68%	85.83%	20,067	\$ 4,209.01	\$ 4,246.61	\$ 37.61	0.9%	7
8	2.0% to 4%	37	7.49%	93.32%	16,967	\$ 3,349.98	\$ 3,438.45	\$ 88.47	2.6%	8
9	4.0% to 6%	15	3.04%	96.36%	20,443	\$ 4,503.28	\$ 4,708.92	\$ 205.64	4.6%	9
10	6.0% to 8%	6	1.21%	97.57%	3,852	\$ 1,973.87	\$ 2,106.96	\$ 133.10	6.7%	10
11	8.0% to 10%	7	1.42%	98.99%	4,162	\$ 1,706.56	\$ 1,866.43	\$ 159.87	9.4%	11
12	>10.0%	5	1.01%	100.00%	12,686	\$ 3,191.35	\$ 3,546.81	\$ 355.46	11.1%	12
	<b>Total</b>	<b>494</b>	<b>100.00%</b>	<b>100.00%</b>	<b>19,936</b>	<b>\$ 4,938.77</b>	<b>\$ 4,806.35</b>	<b>\$ (132.42)</b>	<b>-2.7%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule Small Commercial Cost-Based Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	15,179	12.67%	12.67%	9,793	\$ 2,154.25	\$ 1,586.87	\$ (567.38)	-26.3%	1
2	-10.0% to -8%	2,878	2.40%	15.08%	2,907	\$ 650.04	\$ 591.51	\$ (58.52)	-9.0%	2
3	-8.0% to -6%	2,814	2.35%	17.42%	2,722	\$ 610.36	\$ 567.52	\$ (42.84)	-7.0%	3
4	-6.0% to -4%	2,771	2.31%	19.74%	2,468	\$ 555.40	\$ 527.54	\$ (27.85)	-5.0%	4
5	-4.0% to -2%	2,727	2.28%	22.01%	2,324	\$ 524.57	\$ 508.81	\$ (15.76)	-3.0%	5
6	-2.0% to 0%	2,680	2.24%	24.25%	2,125	\$ 480.61	\$ 475.66	\$ (4.95)	-1.0%	6
7	0.0% to 2%	2,610	2.18%	26.43%	1,935	\$ 436.37	\$ 440.59	\$ 4.22	1.0%	7
8	2.0% to 4%	2,476	2.07%	28.50%	1,816	\$ 414.39	\$ 426.81	\$ 12.42	3.0%	8
9	4.0% to 6%	2,385	1.99%	30.49%	1,710	\$ 390.89	\$ 410.38	\$ 19.49	5.0%	9
10	6.0% to 8%	2,263	1.89%	32.38%	1,513	\$ 346.87	\$ 371.05	\$ 24.18	7.0%	10
11	8.0% to 10%	2,239	1.87%	34.25%	1,438	\$ 330.12	\$ 359.82	\$ 29.70	9.0%	11
12	10.0% to 12%	2,064	1.72%	35.97%	1,368	\$ 315.09	\$ 349.60	\$ 34.51	11.0%	12
13	12.0% to 14%	2,104	1.76%	37.73%	1,265	\$ 292.32	\$ 330.29	\$ 37.97	13.0%	13
14	14.0% to 16%	1,966	1.64%	39.37%	1,256	\$ 290.65	\$ 334.20	\$ 43.55	15.0%	14
15	16.0% to 18%	1,958	1.63%	41.00%	1,148	\$ 265.96	\$ 311.16	\$ 45.20	17.0%	15
16	18.0% to 20%	1,926	1.61%	42.61%	1,069	\$ 248.62	\$ 295.81	\$ 47.19	19.0%	16
17	>20%	68,740	57.39%	100.00%	418	\$ 102.39	\$ 174.62	\$ 72.23	70.5%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 459.52</b>	<b>\$ 430.77</b>	<b>\$ (28.75)</b>	<b>-6.3%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule Small Commercial Two-Period Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	70	0.06%	0.06%	2,386	\$ 580.53	\$ 517.28	\$ (63.25)	-10.9%	1
2	-10.0% to -8%	755	0.63%	0.69%	2,771	\$ 655.44	\$ 598.02	\$ (57.42)	-8.8%	2
3	-8.0% to -6%	4,933	4.12%	4.81%	2,016	\$ 473.73	\$ 441.66	\$ (32.07)	-6.8%	3
4	-6.0% to -4%	14,809	12.36%	17.17%	1,839	\$ 424.71	\$ 403.92	\$ (20.79)	-4.9%	4
5	-4.0% to -2%	23,815	19.88%	37.05%	2,098	\$ 475.71	\$ 462.12	\$ (13.59)	-2.9%	5
6	-2.0% to 0%	25,233	21.07%	58.12%	5,272	\$ 1,164.57	\$ 1,150.63	\$ (13.95)	-1.2%	6
7	0.0% to 2%	14,531	12.13%	70.25%	933	\$ 207.82	\$ 209.77	\$ 1.94	0.9%	7
8	2.0% to 4%	9,837	8.21%	78.46%	662	\$ 146.92	\$ 150.88	\$ 3.95	2.7%	8
9	4.0% to 6%	4,777	3.99%	82.45%	272	\$ 66.19	\$ 69.39	\$ 3.20	4.8%	9
10	6.0% to 8%	3,001	2.51%	84.96%	158	\$ 41.89	\$ 44.79	\$ 2.89	6.9%	10
11	8.0% to 10%	2,165	1.81%	86.76%	113	\$ 32.08	\$ 35.02	\$ 2.94	9.2%	11
12	10.0% to 12%	1,576	1.32%	88.08%	78	\$ 24.53	\$ 27.30	\$ 2.77	11.3%	12
13	12.0% to 14%	1,265	1.06%	89.14%	48	\$ 17.86	\$ 20.72	\$ 2.86	13.0%	13
14	14.0% to 16%	1,074	0.90%	90.03%	43	\$ 16.61	\$ 19.26	\$ 2.65	15.0%	14
15	16.0% to 18%	983	0.82%	90.85%	33	\$ 14.33	\$ 17.07	\$ 2.74	17.0%	15
16	18.0% to 20%	883	0.74%	91.59%	30	\$ 13.63	\$ 16.32	\$ 2.69	19.0%	16
17	>20%	10,073	8.41%	100.00%	5	\$ 8.17	\$ 11.11	\$ 2.94	31.2%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 459.52</b>	<b>\$ 450.78</b>	<b>\$ (8.74)</b>	<b>-1.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule Medium/Large Commercial & Industrial Cost-Based Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	3	0.01%	0.01%	676,358	\$ 164,841.60	\$ 140,819.88	\$ (24,021.71)	-14.6%	1
2	-10.0% to -8%	21	0.10%	0.11%	50,910	\$ 16,073.41	\$ 14,689.69	\$ (1,383.72)	-8.6%	2
3	-8.0% to -6%	105	0.48%	0.59%	70,556	\$ 18,683.28	\$ 17,398.74	\$ (1,284.54)	-6.9%	3
4	-6.0% to -4%	251	1.15%	1.73%	77,687	\$ 18,393.89	\$ 17,515.86	\$ (878.03)	-4.8%	4
5	-4.0% to -2%	1,630	7.44%	9.17%	187,299	\$ 32,814.73	\$ 31,878.08	\$ (936.65)	-2.9%	5
6	-2.0% to 0%	2,249	10.26%	19.44%	69,797	\$ 12,460.01	\$ 12,323.82	\$ (136.20)	-1.1%	6
7	0.0% to 2%	2,591	11.82%	31.26%	58,286	\$ 6,235.41	\$ 6,291.06	\$ 55.65	0.9%	7
8	2.0% to 4%	2,499	11.40%	42.67%	19,767	\$ 4,079.27	\$ 4,197.91	\$ 118.63	2.9%	8
9	4.0% to 6%	1,984	9.05%	51.72%	13,350	\$ 2,886.68	\$ 3,030.09	\$ 143.41	5.0%	9
10	6.0% to 8%	2,078	9.48%	61.20%	10,278	\$ 2,258.19	\$ 2,415.48	\$ 157.30	7.0%	10
11	8.0% to 10%	1,681	7.67%	68.88%	8,383	\$ 1,908.70	\$ 2,079.02	\$ 170.32	8.9%	11
12	>10.0%	6,820	31.12%	100.00%	4,948	\$ 1,500.25	\$ 1,785.54	\$ 285.29	19.0%	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,979</b>	<b>\$ 6,349.54</b>	<b>\$ 6,394.94</b>	<b>\$ 45.39</b>	<b>0.7%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY AGRICULTURAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule PAT-1 (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	1	0.21%	0.21%	1,254	\$ 1,605.65	\$ 1,420.09	\$ (185.57)	-11.6%	1
2	-10.0% to -8%	7	1.44%	1.64%	4,143	\$ 5,905.45	\$ 5,360.95	\$ (544.50)	-9.2%	2
3	-8.0% to -6%	15	3.08%	4.72%	5,447	\$ 2,003.30	\$ 1,867.21	\$ (136.09)	-6.8%	3
4	-6.0% to -4%	34	6.98%	11.70%	16,231	\$ 3,919.34	\$ 3,730.38	\$ (188.96)	-4.8%	4
5	-4.0% to -2%	60	12.32%	24.02%	31,236	\$ 6,369.37	\$ 6,178.12	\$ (191.26)	-3.0%	5
6	-2.0% to 0%	117	24.02%	48.05%	42,184	\$ 6,958.59	\$ 6,888.82	\$ (69.78)	-1.0%	6
7	0.0% to 2%	127	26.08%	74.13%	53,769	\$ 7,388.18	\$ 7,457.70	\$ 69.52	0.9%	7
8	2.0% to 4%	58	11.91%	86.04%	21,584	\$ 2,846.16	\$ 2,924.90	\$ 78.74	2.8%	8
9	4.0% to 6%	27	5.54%	91.58%	18,689	\$ 2,660.95	\$ 2,793.64	\$ 132.68	5.0%	9
10	6.0% to 8%	10	2.05%	93.63%	5,832	\$ 813.58	\$ 869.71	\$ 56.13	6.9%	10
11	8.0% to 10%	8	1.64%	95.28%	12,694	\$ 1,744.76	\$ 1,897.88	\$ 153.12	8.8%	11
12	>10.0%	23	4.72%	100.00%	10,472	\$ 1,276.21	\$ 1,424.82	\$ 148.61	11.6%	12
	<b>Total</b>	<b>487</b>	<b>100.00%</b>	<b>100.00%</b>	<b>33,798</b>	<b>\$ 5,398.84</b>	<b>\$ 5,378.48</b>	<b>\$ (20.37)</b>	<b>-0.4%</b>	

**TYPICAL MONTHLY AGRICULTURAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule TOU-PA (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	73	2.10%	2.10%	2,834	\$ 657.27	\$ 559.97	\$ (97.30)	-14.8%	1
2	-10.0% to -8%	38	1.09%	3.19%	3,310	\$ 701.31	\$ 639.72	\$ (61.59)	-8.8%	2
3	-8.0% to -6%	91	2.62%	5.81%	4,573	\$ 919.12	\$ 854.87	\$ (64.26)	-7.0%	3
4	-6.0% to -4%	179	5.15%	10.96%	5,149	\$ 993.03	\$ 944.75	\$ (48.28)	-4.9%	4
5	-4.0% to -2%	357	10.27%	21.23%	5,621	\$ 1,047.45	\$ 1,016.43	\$ (31.02)	-3.0%	5
6	-2.0% to 0%	467	13.43%	34.66%	4,255	\$ 769.37	\$ 761.16	\$ (8.21)	-1.1%	6
7	0.0% to 2%	380	10.93%	45.59%	1,586	\$ 296.03	\$ 298.37	\$ 2.34	0.8%	7
8	2.0% to 4%	277	7.97%	53.55%	1,035	\$ 196.39	\$ 202.27	\$ 5.88	3.0%	8
9	4.0% to 6%	245	7.05%	60.60%	696	\$ 136.46	\$ 143.27	\$ 6.80	5.0%	9
10	6.0% to 8%	179	5.15%	65.75%	721	\$ 141.65	\$ 151.88	\$ 10.23	7.2%	10
11	8.0% to 10%	134	3.85%	69.60%	251	\$ 60.96	\$ 68.10	\$ 7.13	9.0%	11
12	>10.0%	1,057	30.40%	100.00%	406	\$ 58.10	\$ 92.55	\$ 34.46	59.3%	12
	<b>Total</b>	<b>3,477</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,104</b>	<b>\$ 392.44</b>	<b>\$ 393.75</b>	<b>\$ 1.31</b>	<b>0.3%</b>	

**TYPICAL MONTHLY AGRICULTURAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule Agricultural Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	72	11.06%	11.06%	22,362	\$ 4,032.85	\$ 3,352.86	\$ (679.98)	-16.9%	1
2	-10.0% to -8%	12	1.84%	12.90%	15,807	\$ 2,874.47	\$ 2,610.10	\$ (264.37)	-9.2%	2
3	-8.0% to -6%	23	3.53%	16.44%	13,584	\$ 2,479.02	\$ 2,305.06	\$ (173.96)	-7.0%	3
4	-6.0% to -4%	16	2.46%	18.89%	16,425	\$ 2,920.59	\$ 2,783.34	\$ (137.25)	-4.7%	4
5	-4.0% to -2%	16	2.46%	21.35%	15,912	\$ 2,947.09	\$ 2,849.06	\$ (98.03)	-3.3%	5
6	-2.0% to 0%	15	2.30%	23.66%	11,036	\$ 2,062.74	\$ 2,048.69	\$ (14.04)	-0.7%	6
7	0.0% to 2%	17	2.61%	26.27%	15,550	\$ 2,854.39	\$ 2,879.67	\$ 25.28	0.9%	7
8	2.0% to 4%	7	1.08%	27.34%	11,523	\$ 2,119.68	\$ 2,184.00	\$ 64.31	3.0%	8
9	4.0% to 6%	9	1.38%	28.73%	8,574	\$ 1,574.76	\$ 1,653.25	\$ 78.48	5.0%	9
10	6.0% to 8%	9	1.38%	30.11%	8,377	\$ 1,587.77	\$ 1,699.60	\$ 111.83	7.0%	10
11	8.0% to 10%	11	1.69%	31.80%	12,576	\$ 2,362.25	\$ 2,570.94	\$ 208.69	8.8%	11
12	>10.0%	444	68.20%	100.00%	4,530	\$ 817.54	\$ 1,361.64	\$ 544.10	66.6%	12
	<b>Total</b>	<b>651</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8,360</b>	<b>\$ 1,516.89</b>	<b>\$ 1,803.16</b>	<b>\$ 286.27</b>	<b>18.9%</b>	

**TYPICAL MONTHLY AGRICULTURAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule Agricultural Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	0	\$ -	\$ -	\$ -	-	1
2	-10.0% to -8%	23	0.81%	0.81%	1,119	\$ 241.79	\$ 219.76	\$ (22.04)	-9.1%	2
3	-8.0% to -6%	45	1.59%	2.41%	1,431	\$ 292.85	\$ 272.57	\$ (20.28)	-6.9%	3
4	-6.0% to -4%	105	3.72%	6.12%	1,733	\$ 342.28	\$ 325.13	\$ (17.15)	-5.0%	4
5	-4.0% to -2%	217	7.68%	13.80%	1,779	\$ 341.37	\$ 331.56	\$ (9.81)	-2.9%	5
6	-2.0% to 0%	337	11.92%	25.73%	1,644	\$ 308.27	\$ 304.87	\$ (3.40)	-1.1%	6
7	0.0% to 2%	345	12.21%	37.93%	849	\$ 166.96	\$ 168.45	\$ 1.49	0.9%	7
8	2.0% to 4%	267	9.45%	47.38%	569	\$ 116.54	\$ 119.92	\$ 3.37	2.9%	8
9	4.0% to 6%	225	7.96%	55.34%	345	\$ 77.13	\$ 80.94	\$ 3.81	4.9%	9
10	6.0% to 8%	170	6.02%	61.36%	240	\$ 58.84	\$ 62.91	\$ 4.07	6.9%	10
11	8.0% to 10%	138	4.88%	66.24%	171	\$ 46.83	\$ 51.04	\$ 4.20	9.0%	11
12	>10.0%	954	33.76%	100.00%	2	\$ 17.46	\$ 27.32	\$ 9.86	56.5%	12
	<b>Total</b>	<b>2,826</b>	<b>100.00%</b>	<b>100.00%</b>	<b>637</b>	<b>\$ 131.58</b>	<b>\$ 133.86</b>	<b>\$ 2.28</b>	<b>1.7%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DR (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	65,540	6.8%	6.8%	\$ 13.91	\$ 15.21	\$ 1.30	9.35%	1
2	Between 101 and 200 kWh	125,527	13.0%	19.9%	\$ 27.50	\$ 30.85	\$ 3.35	12.18%	2
3	Between 201 and 300 kWh	169,485	17.6%	37.5%	\$ 45.73	\$ 51.28	\$ 5.55	12.14%	3
4	Between 301 and 400 kWh	162,744	16.9%	54.4%	\$ 68.52	\$ 76.90	\$ 8.38	12.23%	4
5	Between 401 and 500 kWh	131,517	13.7%	68.1%	\$ 97.91	\$ 109.96	\$ 12.05	12.31%	5
6	Between 501 and 600 kWh	95,400	9.9%	78.0%	\$ 132.06	\$ 148.31	\$ 16.25	12.31%	6
7	Between 601 and 700 kWh	65,480	6.8%	84.8%	\$ 168.11	\$ 188.70	\$ 20.59	12.25%	7
8	Between 701 and 800 kWh	44,318	4.6%	89.4%	\$ 205.02	\$ 229.97	\$ 24.95	12.17%	8
9	Between 801 and 900 kWh	30,120	3.1%	92.5%	\$ 242.00	\$ 271.30	\$ 29.30	12.11%	9
10	Between 901 and 1000 kWh	20,192	2.1%	94.6%	\$ 279.31	\$ 312.94	\$ 33.63	12.04%	10
11	Between 1001 and 1100 kWh	13,620	1.4%	96.0%	\$ 316.78	\$ 354.66	\$ 37.88	11.96%	11
12	Between 1101 and 1200 kWh	9,453	1.0%	97.0%	\$ 354.43	\$ 396.66	\$ 42.23	11.91%	12
13	Between 1201 and 1300 kWh	6,567	0.7%	97.7%	\$ 392.01	\$ 438.55	\$ 46.54	11.87%	13
14	Between 1301 and 1400 kWh	4,729	0.5%	98.2%	\$ 429.51	\$ 480.41	\$ 50.90	11.85%	14
15	Between 1401 and 1500 kWh	3,409	0.4%	98.5%	\$ 467.29	\$ 522.38	\$ 55.09	11.79%	15
16	Between 1501 and 2000 kWh	8,172	0.8%	99.4%	\$ 565.66	\$ 632.35	\$ 66.69	11.79%	16
17	Between 2001 and 2500 kWh	2,834	0.3%	99.7%	\$ 759.55	\$ 848.81	\$ 89.26	11.75%	17
18	Between 2501 and 3000 kWh	1,310	0.1%	99.8%	\$ 953.65	\$ 1,065.07	\$ 111.42	11.68%	18
19	> 3000 kWh	1,762	0.2%	100.0%	\$ 1,650.34	\$ 1,841.55	\$ 191.21	11.59%	19
	Total	962,179	100.0%	100.0%	\$ 110.75	\$ 124.15	\$ 13.40	12.10%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DR (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	83,549	8.7%	8.7%	\$ 12.91	\$ 15.06	\$ 2.15	16.65%	1
2	Between 101 and 200 kWh	143,537	14.9%	23.6%	\$ 25.58	\$ 28.46	\$ 2.88	11.26%	2
3	Between 201 and 300 kWh	185,038	19.2%	42.8%	\$ 42.20	\$ 46.33	\$ 4.13	9.79%	3
4	Between 301 and 400 kWh	169,427	17.6%	60.4%	\$ 61.81	\$ 67.66	\$ 5.85	9.46%	4
5	Between 401 and 500 kWh	126,430	13.1%	73.6%	\$ 89.49	\$ 97.45	\$ 7.96	8.89%	5
6	Between 501 and 600 kWh	84,982	8.8%	82.4%	\$ 122.63	\$ 133.21	\$ 10.58	8.63%	6
7	Between 601 and 700 kWh	55,048	5.7%	88.1%	\$ 156.84	\$ 169.97	\$ 13.13	8.37%	7
8	Between 701 and 800 kWh	35,659	3.7%	91.8%	\$ 191.40	\$ 207.14	\$ 15.74	8.22%	8
9	Between 801 and 900 kWh	23,007	2.4%	94.2%	\$ 225.94	\$ 244.36	\$ 18.42	8.15%	9
10	Between 901 and 1000 kWh	15,264	1.6%	95.8%	\$ 260.72	\$ 282.26	\$ 21.54	8.26%	10
11	Between 1001 and 1100 kWh	10,473	1.1%	96.9%	\$ 295.79	\$ 319.62	\$ 23.83	8.06%	11
12	Between 1101 and 1200 kWh	7,195	0.7%	97.7%	\$ 330.74	\$ 357.61	\$ 26.87	8.12%	12
13	Between 1201 and 1300 kWh	5,016	0.5%	98.2%	\$ 365.84	\$ 395.13	\$ 29.29	8.01%	13
14	Between 1301 and 1400 kWh	3,606	0.4%	98.6%	\$ 400.74	\$ 433.44	\$ 32.70	8.16%	14
15	Between 1401 and 1500 kWh	2,643	0.3%	98.8%	\$ 437.11	\$ 472.70	\$ 35.59	8.14%	15
16	Between 1501 and 2000 kWh	6,442	0.7%	99.5%	\$ 530.16	\$ 573.28	\$ 43.12	8.13%	16
17	Between 2001 and 2500 kWh	2,308	0.2%	99.7%	\$ 719.84	\$ 778.23	\$ 58.39	8.11%	17
18	Between 2501 and 3000 kWh	1,068	0.1%	99.8%	\$ 903.18	\$ 973.16	\$ 69.98	7.75%	18
19	> 3000 kWh	1,487	0.2%	100.0%	\$ 1,607.06	\$ 1,721.37	\$ 114.31	7.11%	19
	Total	962,179	100.0%	100.0%	\$ 91.20	\$ 97.65	\$ 6.45	7.07%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DR (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	83,012	8.6%	8.6%	\$ 12.35	\$ 12.93	\$ 0.58	4.70%	1
2	Between 101 and 200 kWh	113,184	11.8%	20.4%	\$ 27.84	\$ 32.18	\$ 4.34	15.59%	2
3	Between 201 and 300 kWh	144,925	15.1%	35.5%	\$ 46.39	\$ 53.85	\$ 7.46	16.08%	3
4	Between 301 and 400 kWh	140,537	14.6%	50.1%	\$ 69.32	\$ 80.22	\$ 10.90	15.72%	4
5	Between 401 and 500 kWh	119,833	12.5%	62.5%	\$ 100.58	\$ 116.87	\$ 16.29	16.20%	5
6	Between 501 and 600 kWh	93,969	9.8%	72.3%	\$ 136.83	\$ 159.59	\$ 22.76	16.63%	6
7	Between 601 and 700 kWh	70,713	7.3%	79.6%	\$ 174.62	\$ 203.97	\$ 29.35	16.81%	7
8	Between 701 and 800 kWh	52,016	5.4%	85.0%	\$ 212.77	\$ 248.99	\$ 36.22	17.02%	8
9	Between 801 and 900 kWh	37,840	3.9%	89.0%	\$ 251.63	\$ 294.23	\$ 42.60	16.93%	9
10	Between 901 and 1000 kWh	27,403	2.8%	91.8%	\$ 290.61	\$ 340.11	\$ 49.50	17.03%	10
11	Between 1001 and 1100 kWh	19,952	2.1%	93.9%	\$ 329.61	\$ 385.83	\$ 56.22	17.06%	11
12	Between 1101 and 1200 kWh	14,239	1.5%	95.4%	\$ 369.04	\$ 431.77	\$ 62.73	17.00%	12
13	Between 1201 and 1300 kWh	10,294	1.1%	96.4%	\$ 408.19	\$ 478.05	\$ 69.86	17.11%	13
14	Between 1301 and 1400 kWh	7,435	0.8%	97.2%	\$ 448.01	\$ 523.58	\$ 75.57	16.87%	14
15	Between 1401 and 1500 kWh	5,353	0.6%	97.8%	\$ 487.26	\$ 570.25	\$ 82.99	17.03%	15
16	Between 1501 and 2000 kWh	12,875	1.3%	99.1%	\$ 587.05	\$ 686.18	\$ 99.13	16.89%	16
17	Between 2001 and 2500 kWh	4,261	0.4%	99.5%	\$ 791.04	\$ 923.36	\$ 132.32	16.73%	17
18	Between 2501 and 3000 kWh	1,857	0.2%	99.7%	\$ 991.62	\$ 1,157.48	\$ 165.86	16.73%	18
19	> 3000 kWh	2,481	0.3%	100.0%	\$ 1,682.85	\$ 1,960.39	\$ 277.54	16.49%	19
	Total	962,179	100.0%	100.0%	\$ 130.30	\$ 161.24	\$ 30.94	23.75%	



REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	34,123	7.5%	7.5%	\$ 12.71	\$ 13.86	\$ 1.15	9.05%	1
2	Between 101 and 200 kWh	64,492	14.1%	21.6%	\$ 26.82	\$ 30.09	\$ 3.27	12.19%	2
3	Between 201 and 300 kWh	80,557	17.6%	39.2%	\$ 45.54	\$ 51.03	\$ 5.49	12.06%	3
4	Between 301 and 400 kWh	76,773	16.8%	56.0%	\$ 68.96	\$ 77.30	\$ 8.34	12.09%	4
5	Between 401 and 500 kWh	61,170	13.4%	69.4%	\$ 100.33	\$ 112.47	\$ 12.14	12.10%	5
6	Between 501 and 600 kWh	43,485	9.5%	78.9%	\$ 136.30	\$ 152.77	\$ 16.47	12.08%	6
7	Between 601 and 700 kWh	29,306	6.4%	85.3%	\$ 173.68	\$ 194.60	\$ 20.92	12.05%	7
8	Between 701 and 800 kWh	19,567	4.3%	89.6%	\$ 211.48	\$ 236.92	\$ 25.44	12.03%	8
9	Between 801 and 900 kWh	13,255	2.9%	92.5%	\$ 249.30	\$ 279.25	\$ 29.95	12.01%	9
10	Between 901 and 1000 kWh	8,909	1.9%	94.4%	\$ 287.49	\$ 322.00	\$ 34.51	12.00%	10
11	Between 1001 and 1100 kWh	6,176	1.4%	95.8%	\$ 325.53	\$ 364.50	\$ 38.97	11.97%	11
12	Between 1101 and 1200 kWh	4,395	1.0%	96.7%	\$ 363.59	\$ 407.04	\$ 43.45	11.95%	12
13	Between 1201 and 1300 kWh	3,042	0.7%	97.4%	\$ 401.80	\$ 449.86	\$ 48.06	11.96%	13
14	Between 1301 and 1400 kWh	2,252	0.5%	97.9%	\$ 439.75	\$ 492.35	\$ 52.60	11.96%	14
15	Between 1401 and 1500 kWh	1,662	0.4%	98.3%	\$ 478.20	\$ 535.15	\$ 56.95	11.91%	15
16	Between 1501 and 2000 kWh	4,310	0.9%	99.2%	\$ 577.20	\$ 645.95	\$ 68.75	11.91%	16
17	Between 2001 and 2500 kWh	1,663	0.4%	99.6%	\$ 769.68	\$ 860.93	\$ 91.25	11.86%	17
18	Between 2501 and 3000 kWh	810	0.2%	99.8%	\$ 961.72	\$ 1,074.91	\$ 113.19	11.77%	18
19	> 3000 kWh	1,123	0.2%	100.0%	\$ 1,662.70	\$ 1,855.91	\$ 193.21	11.62%	19
	Total	457,070	100.0%	100.0%	\$ 112.27	\$ 125.73	\$ 13.46	11.99%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	41,188	9.0%	9.0%	\$ 12.03	\$ 13.89	\$ 1.86	15.46%	1
2	Between 101 and 200 kWh	70,839	15.5%	24.5%	\$ 25.09	\$ 27.86	\$ 2.77	11.04%	2
3	Between 201 and 300 kWh	85,242	18.6%	43.2%	\$ 42.26	\$ 46.39	\$ 4.13	9.77%	3
4	Between 301 and 400 kWh	79,263	17.3%	60.5%	\$ 62.81	\$ 68.78	\$ 5.97	9.50%	4
5	Between 401 and 500 kWh	59,576	13.0%	73.5%	\$ 92.80	\$ 100.97	\$ 8.17	8.80%	5
6	Between 501 and 600 kWh	40,249	8.8%	82.3%	\$ 127.96	\$ 138.75	\$ 10.79	8.43%	6
7	Between 601 and 700 kWh	26,087	5.7%	88.0%	\$ 163.71	\$ 177.23	\$ 13.52	8.26%	7
8	Between 701 and 800 kWh	16,712	3.7%	91.7%	\$ 199.85	\$ 216.07	\$ 16.22	8.12%	8
9	Between 801 and 900 kWh	10,866	2.4%	94.1%	\$ 235.78	\$ 255.02	\$ 19.24	8.16%	9
10	Between 901 and 1000 kWh	7,160	1.6%	95.6%	\$ 272.27	\$ 294.00	\$ 21.73	7.98%	10
11	Between 1001 and 1100 kWh	4,971	1.1%	96.7%	\$ 308.21	\$ 332.85	\$ 24.64	7.99%	11
12	Between 1101 and 1200 kWh	3,377	0.7%	97.5%	\$ 344.64	\$ 372.55	\$ 27.91	8.10%	12
13	Between 1201 and 1300 kWh	2,406	0.5%	98.0%	\$ 380.27	\$ 411.22	\$ 30.95	8.14%	13
14	Between 1301 and 1400 kWh	1,730	0.4%	98.4%	\$ 416.55	\$ 450.78	\$ 34.23	8.22%	14
15	Between 1401 and 1500 kWh	1,315	0.3%	98.7%	\$ 453.56	\$ 489.31	\$ 35.75	7.88%	15
16	Between 1501 and 2000 kWh	3,303	0.7%	99.4%	\$ 546.39	\$ 589.83	\$ 43.44	7.95%	16
17	Between 2001 and 2500 kWh	1,269	0.3%	99.7%	\$ 734.18	\$ 792.61	\$ 58.43	7.96%	17
18	Between 2501 and 3000 kWh	616	0.1%	99.8%	\$ 914.94	\$ 984.48	\$ 69.54	7.60%	18
19	> 3000 kWh	901	0.2%	100.0%	\$ 1,645.21	\$ 1,755.96	\$ 110.77	6.73%	19
	Total	457,070	100.0%	100.0%	\$ 94.88	\$ 101.61	\$ 6.73	7.09%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	42,092	9.2%	9.2%	\$ 11.89	\$ 12.50	\$ 0.61	5.13%	1
2	Between 101 and 200 kWh	58,654	12.8%	22.0%	\$ 27.46	\$ 31.89	\$ 4.43	16.13%	2
3	Between 201 and 300 kWh	71,836	15.7%	37.8%	\$ 46.23	\$ 53.72	\$ 7.49	16.20%	3
4	Between 301 and 400 kWh	68,531	15.0%	52.8%	\$ 69.73	\$ 80.81	\$ 11.08	15.89%	4
5	Between 401 and 500 kWh	56,572	12.4%	65.1%	\$ 103.42	\$ 120.43	\$ 17.01	16.45%	5
6	Between 501 and 600 kWh	42,828	9.4%	74.5%	\$ 141.35	\$ 165.14	\$ 23.79	16.83%	6
7	Between 601 and 700 kWh	30,974	6.8%	81.3%	\$ 180.22	\$ 210.70	\$ 30.48	16.91%	7
8	Between 701 and 800 kWh	22,282	4.9%	86.2%	\$ 219.21	\$ 256.71	\$ 37.50	17.11%	8
9	Between 801 and 900 kWh	15,936	3.5%	89.6%	\$ 258.74	\$ 302.50	\$ 43.76	16.91%	9
10	Between 901 and 1000 kWh	11,418	2.5%	92.1%	\$ 298.10	\$ 348.69	\$ 50.59	16.97%	10
11	Between 1001 and 1100 kWh	8,300	1.8%	94.0%	\$ 337.29	\$ 394.80	\$ 57.51	17.05%	11
12	Between 1101 and 1200 kWh	5,966	1.3%	95.3%	\$ 376.76	\$ 440.86	\$ 64.10	17.01%	12
13	Between 1201 and 1300 kWh	4,475	1.0%	96.2%	\$ 416.42	\$ 487.41	\$ 70.99	17.05%	13
14	Between 1301 and 1400 kWh	3,270	0.7%	97.0%	\$ 455.89	\$ 533.32	\$ 77.43	16.98%	14
15	Between 1401 and 1500 kWh	2,464	0.5%	97.5%	\$ 495.65	\$ 579.81	\$ 84.16	16.98%	15
16	Between 1501 and 2000 kWh	6,307	1.4%	98.9%	\$ 595.81	\$ 696.83	\$ 101.02	16.96%	16
17	Between 2001 and 2500 kWh	2,438	0.5%	99.4%	\$ 799.32	\$ 932.94	\$ 133.62	16.72%	17
18	Between 2501 and 3000 kWh	1,115	0.2%	99.6%	\$ 999.11	\$ 1,163.87	\$ 164.76	16.49%	18
19	> 3000 kWh	1,612	0.4%	100.0%	\$ 1,682.14	\$ 1,963.50	\$ 281.36	16.73%	19
	Total	457,070	100.0%	100.0%	\$ 129.66	\$ 159.51	\$ 29.85	23.02%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,159	3.8%	3.8%	\$ 12.61	\$ 13.91	\$ 1.30	10.31%	1
2	Between 101 and 200 kWh	24,634	22.2%	26.0%	\$ 26.29	\$ 29.51	\$ 3.22	12.25%	2
3	Between 201 and 300 kWh	31,494	28.4%	54.4%	\$ 44.08	\$ 49.39	\$ 5.31	12.05%	3
4	Between 301 and 400 kWh	21,991	19.9%	74.3%	\$ 66.71	\$ 74.72	\$ 8.01	12.01%	4
5	Between 401 and 500 kWh	12,910	11.7%	85.9%	\$ 93.90	\$ 104.76	\$ 10.86	11.57%	5
6	Between 501 and 600 kWh	6,739	6.1%	92.0%	\$ 123.80	\$ 137.31	\$ 13.51	10.91%	6
7	Between 601 and 700 kWh	3,490	3.2%	95.2%	\$ 156.78	\$ 173.23	\$ 16.45	10.49%	7
8	Between 701 and 800 kWh	1,894	1.7%	96.9%	\$ 191.39	\$ 211.06	\$ 19.67	10.28%	8
9	Between 801 and 900 kWh	1,073	1.0%	97.9%	\$ 227.72	\$ 251.26	\$ 23.54	10.34%	9
10	Between 901 and 1000 kWh	654	0.6%	98.5%	\$ 265.47	\$ 293.20	\$ 27.73	10.45%	10
11	Between 1001 and 1100 kWh	399	0.4%	98.8%	\$ 302.81	\$ 334.20	\$ 31.39	10.37%	11
12	Between 1101 and 1200 kWh	252	0.2%	99.0%	\$ 339.42	\$ 375.10	\$ 35.68	10.51%	12
13	Between 1201 and 1300 kWh	232	0.2%	99.2%	\$ 379.18	\$ 419.45	\$ 40.27	10.62%	13
14	Between 1301 and 1400 kWh	145	0.1%	99.4%	\$ 417.43	\$ 462.02	\$ 44.59	10.68%	14
15	Between 1401 and 1500 kWh	114	0.1%	99.5%	\$ 453.43	\$ 501.82	\$ 48.39	10.67%	15
16	Between 1501 and 2000 kWh	289	0.3%	99.7%	\$ 551.31	\$ 611.38	\$ 60.07	10.90%	16
17	Between 2001 and 2500 kWh	115	0.1%	99.8%	\$ 746.62	\$ 829.70	\$ 83.08	11.13%	17
18	Between 2501 and 3000 kWh	58	0.1%	99.9%	\$ 939.06	\$ 1,044.13	\$ 105.07	11.19%	18
19	> 3000 kWh	110	0.1%	100.0%	\$ 1,525.65	\$ 1,695.18	\$ 169.53	11.11%	19
	Total	110,752	100.0%	100.0%	\$ 70.46	\$ 78.51	\$ 8.05	11.42%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	5,825	5.3%	5.3%	\$ 11.41	\$ 13.12	\$ 1.71	14.99%	1
2	Between 101 and 200 kWh	27,838	25.1%	30.4%	\$ 24.56	\$ 27.25	\$ 2.69	10.95%	2
3	Between 201 and 300 kWh	31,536	28.5%	58.9%	\$ 40.71	\$ 44.53	\$ 3.82	9.38%	3
4	Between 301 and 400 kWh	19,981	18.0%	76.9%	\$ 58.07	\$ 63.40	\$ 5.33	9.18%	4
5	Between 401 and 500 kWh	10,809	9.8%	86.7%	\$ 77.06	\$ 84.00	\$ 6.94	9.01%	5
6	Between 501 and 600 kWh	5,879	5.3%	92.0%	\$ 99.48	\$ 108.37	\$ 8.89	8.94%	6
7	Between 601 and 700 kWh	3,190	2.9%	94.9%	\$ 127.75	\$ 138.87	\$ 11.12	8.70%	7
8	Between 701 and 800 kWh	1,927	1.7%	96.6%	\$ 160.63	\$ 173.89	\$ 13.26	8.25%	8
9	Between 801 and 900 kWh	1,132	1.0%	97.6%	\$ 195.54	\$ 211.93	\$ 16.39	8.38%	9
10	Between 901 and 1000 kWh	699	0.6%	98.3%	\$ 230.91	\$ 249.89	\$ 18.98	8.22%	10
11	Between 1001 and 1100 kWh	463	0.4%	98.7%	\$ 267.01	\$ 289.32	\$ 22.31	8.36%	11
12	Between 1101 and 1200 kWh	317	0.3%	99.0%	\$ 303.60	\$ 328.17	\$ 24.57	8.09%	12
13	Between 1201 and 1300 kWh	258	0.2%	99.2%	\$ 339.47	\$ 365.72	\$ 26.25	7.73%	13
14	Between 1301 and 1400 kWh	149	0.1%	99.3%	\$ 376.22	\$ 405.08	\$ 28.86	7.67%	14
15	Between 1401 and 1500 kWh	129	0.1%	99.4%	\$ 409.75	\$ 446.53	\$ 36.78	8.98%	15
16	Between 1501 and 2000 kWh	333	0.3%	99.7%	\$ 504.49	\$ 547.01	\$ 42.52	8.43%	16
17	Between 2001 and 2500 kWh	120	0.1%	99.8%	\$ 684.40	\$ 743.47	\$ 59.07	8.63%	17
18	Between 2501 and 3000 kWh	75	0.1%	99.9%	\$ 867.42	\$ 942.10	\$ 74.68	8.61%	18
19	> 3000 kWh	92	0.1%	100.0%	\$ 1,576.69	\$ 1,653.13	\$ 76.44	4.85%	19
	Total	110,752	100.0%	100.0%	\$ 59.49	\$ 63.50	\$ 4.01	6.74%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,280	5.7%	5.7%	\$ 12.19	\$ 13.46	\$ 1.27	10.42%	1
2	Between 101 and 200 kWh	24,377	22.0%	27.7%	\$ 27.09	\$ 31.48	\$ 4.39	16.21%	2
3	Between 201 and 300 kWh	27,637	25.0%	52.6%	\$ 45.51	\$ 52.90	\$ 7.39	16.24%	3
4	Between 301 and 400 kWh	20,146	18.2%	70.8%	\$ 70.21	\$ 81.21	\$ 11.00	15.67%	4
5	Between 401 and 500 kWh	13,018	11.8%	82.6%	\$ 103.73	\$ 120.67	\$ 16.94	16.33%	5
6	Between 501 and 600 kWh	7,792	7.0%	89.6%	\$ 141.42	\$ 165.10	\$ 23.68	16.74%	6
7	Between 601 and 700 kWh	4,477	4.0%	93.7%	\$ 180.13	\$ 210.32	\$ 30.19	16.76%	7
8	Between 701 and 800 kWh	2,501	2.3%	95.9%	\$ 219.04	\$ 256.16	\$ 37.12	16.95%	8
9	Between 801 and 900 kWh	1,491	1.3%	97.3%	\$ 258.76	\$ 301.37	\$ 42.61	16.47%	9
10	Between 901 and 1000 kWh	894	0.8%	98.1%	\$ 297.48	\$ 348.06	\$ 50.58	17.00%	10
11	Between 1001 and 1100 kWh	550	0.5%	98.6%	\$ 337.14	\$ 394.44	\$ 57.30	17.00%	11
12	Between 1101 and 1200 kWh	380	0.3%	98.9%	\$ 377.10	\$ 441.19	\$ 64.09	17.00%	12
13	Between 1201 and 1300 kWh	248	0.2%	99.1%	\$ 416.16	\$ 488.03	\$ 71.87	17.27%	13
14	Between 1301 and 1400 kWh	162	0.1%	99.3%	\$ 456.64	\$ 532.92	\$ 76.28	16.70%	14
15	Between 1401 and 1500 kWh	127	0.1%	99.4%	\$ 495.88	\$ 580.34	\$ 84.46	17.03%	15
16	Between 1501 and 2000 kWh	343	0.3%	99.7%	\$ 597.94	\$ 701.09	\$ 103.15	17.25%	16
17	Between 2001 and 2500 kWh	137	0.1%	99.8%	\$ 794.60	\$ 932.84	\$ 138.24	17.40%	17
18	Between 2501 and 3000 kWh	65	0.1%	99.9%	\$ 998.47	\$ 1,168.09	\$ 169.62	16.99%	18
19	> 3000 kWh	127	0.1%	100.0%	\$ 1,601.96	\$ 1,904.21	\$ 302.25	18.87%	19
	Total	110,752	100.0%	100.0%	\$ 81.43	\$ 99.54	\$ 18.11	22.24%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	22,821	7.4%	7.4%	\$ 15.64	\$ 17.15	\$ 1.51	9.65%	1
2	Between 101 and 200 kWh	25,963	8.4%	15.9%	\$ 30.10	\$ 33.79	\$ 3.69	12.26%	2
3	Between 201 and 300 kWh	40,400	13.1%	29.0%	\$ 47.77	\$ 53.66	\$ 5.89	12.33%	3
4	Between 301 and 400 kWh	48,526	15.8%	44.8%	\$ 69.46	\$ 78.16	\$ 8.70	12.53%	4
5	Between 401 and 500 kWh	46,294	15.1%	59.8%	\$ 97.61	\$ 110.13	\$ 12.52	12.83%	5
6	Between 501 and 600 kWh	37,388	12.2%	72.0%	\$ 131.65	\$ 148.66	\$ 17.01	12.92%	6
7	Between 601 and 700 kWh	27,327	8.9%	80.9%	\$ 167.80	\$ 189.39	\$ 21.59	12.87%	7
8	Between 701 and 800 kWh	19,036	6.2%	87.1%	\$ 205.03	\$ 231.15	\$ 26.12	12.74%	8
9	Between 801 and 900 kWh	12,868	4.2%	91.3%	\$ 242.58	\$ 273.19	\$ 30.61	12.62%	9
10	Between 901 and 1000 kWh	8,491	2.8%	94.0%	\$ 280.07	\$ 315.09	\$ 35.02	12.50%	10
11	Between 1001 and 1100 kWh	5,468	1.8%	95.8%	\$ 318.07	\$ 357.49	\$ 39.42	12.39%	11
12	Between 1101 and 1200 kWh	3,674	1.2%	97.0%	\$ 355.60	\$ 399.39	\$ 43.79	12.31%	12
13	Between 1201 and 1300 kWh	2,406	0.8%	97.8%	\$ 394.21	\$ 442.65	\$ 48.44	12.29%	13
14	Between 1301 and 1400 kWh	1,672	0.5%	98.3%	\$ 430.75	\$ 483.36	\$ 52.61	12.21%	14
15	Between 1401 and 1500 kWh	1,136	0.4%	98.7%	\$ 469.23	\$ 526.30	\$ 57.07	12.16%	15
16	Between 1501 and 2000 kWh	2,539	0.8%	99.5%	\$ 563.98	\$ 631.90	\$ 67.92	12.04%	16
17	Between 2001 and 2500 kWh	783	0.3%	99.8%	\$ 755.31	\$ 844.85	\$ 89.54	11.85%	17
18	Between 2501 and 3000 kWh	330	0.1%	99.9%	\$ 951.90	\$ 1,063.64	\$ 111.74	11.74%	18
19	> 3000 kWh	398	0.1%	100.0%	\$ 1,684.09	\$ 1,881.52	\$ 197.43	11.72%	19
	Total	307,520	100.0%	100.0%	\$ 123.97	\$ 139.54	\$ 15.57	12.56%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	30,868	10.0%	10.0%	\$ 14.27	\$ 16.83	\$ 2.56	17.94%	1
2	Between 101 and 200 kWh	31,317	10.2%	20.2%	\$ 27.51	\$ 30.76	\$ 3.25	11.81%	2
3	Between 201 and 300 kWh	50,144	16.3%	36.5%	\$ 43.28	\$ 47.66	\$ 4.38	10.12%	3
4	Between 301 and 400 kWh	56,117	18.2%	54.8%	\$ 62.45	\$ 68.39	\$ 5.94	9.51%	4
5	Between 401 and 500 kWh	46,318	15.1%	69.8%	\$ 90.61	\$ 98.66	\$ 8.05	8.88%	5
6	Between 501 and 600 kWh	32,390	10.5%	80.4%	\$ 125.10	\$ 135.73	\$ 10.63	8.50%	6
7	Between 601 and 700 kWh	21,151	6.9%	87.2%	\$ 160.15	\$ 173.58	\$ 13.43	8.39%	7
8	Between 701 and 800 kWh	13,502	4.4%	91.6%	\$ 195.90	\$ 211.90	\$ 16.00	8.17%	8
9	Between 801 and 900 kWh	8,340	2.7%	94.4%	\$ 231.42	\$ 250.49	\$ 19.07	8.24%	9
10	Between 901 and 1000 kWh	5,345	1.7%	96.1%	\$ 267.39	\$ 289.09	\$ 21.70	8.12%	10
11	Between 1001 and 1100 kWh	3,533	1.1%	97.2%	\$ 303.09	\$ 327.70	\$ 24.61	8.12%	11
12	Between 1101 and 1200 kWh	2,328	0.8%	98.0%	\$ 339.50	\$ 366.16	\$ 26.66	7.85%	12
13	Between 1201 and 1300 kWh	1,504	0.5%	98.5%	\$ 375.50	\$ 405.34	\$ 29.84	7.95%	13
14	Between 1301 and 1400 kWh	1,051	0.3%	98.8%	\$ 410.46	\$ 444.73	\$ 34.27	8.35%	14
15	Between 1401 and 1500 kWh	712	0.2%	99.1%	\$ 446.68	\$ 482.70	\$ 36.02	8.06%	15
16	Between 1501 and 2000 kWh	1,704	0.6%	99.6%	\$ 539.28	\$ 581.78	\$ 42.50	7.88%	16
17	Between 2001 and 2500 kWh	584	0.2%	99.8%	\$ 729.82	\$ 785.44	\$ 55.62	7.62%	17
18	Between 2501 and 3000 kWh	257	0.1%	99.9%	\$ 911.36	\$ 982.01	\$ 70.65	7.75%	18
19	> 3000 kWh	355	0.1%	100.0%	\$ 1,594.12	\$ 1,725.67	\$ 131.55	8.25%	19
	Total	307,520	100.0%	100.0%	\$ 97.35	\$ 104.56	\$ 7.21	7.41%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	28,139	9.2%	9.2%	\$ 13.00	\$ 13.40	\$ 0.40	3.08%	1
2	Between 101 and 200 kWh	20,738	6.7%	15.9%	\$ 29.68	\$ 33.70	\$ 4.02	13.54%	2
3	Between 201 and 300 kWh	31,396	10.2%	26.1%	\$ 47.64	\$ 55.06	\$ 7.42	15.58%	3
4	Between 301 and 400 kWh	37,999	12.4%	38.5%	\$ 68.79	\$ 79.32	\$ 10.53	15.31%	4
5	Between 401 and 500 kWh	39,042	12.7%	51.2%	\$ 97.08	\$ 112.36	\$ 15.28	15.74%	5
6	Between 501 and 600 kWh	35,052	11.4%	62.6%	\$ 132.40	\$ 153.93	\$ 21.53	16.26%	6
7	Between 601 and 700 kWh	29,203	9.5%	72.1%	\$ 170.23	\$ 198.46	\$ 28.23	16.58%	7
8	Between 701 and 800 kWh	22,781	7.4%	79.5%	\$ 208.41	\$ 243.60	\$ 35.19	16.88%	8
9	Between 801 and 900 kWh	17,218	5.6%	85.1%	\$ 247.17	\$ 289.07	\$ 41.90	16.95%	9
10	Between 901 and 1000 kWh	12,735	4.1%	89.2%	\$ 286.24	\$ 334.94	\$ 48.70	17.01%	10
11	Between 1001 and 1100 kWh	9,287	3.0%	92.2%	\$ 325.42	\$ 380.81	\$ 55.39	17.02%	11
12	Between 1101 and 1200 kWh	6,575	2.1%	94.4%	\$ 364.81	\$ 426.96	\$ 62.15	17.04%	12
13	Between 1201 and 1300 kWh	4,533	1.5%	95.8%	\$ 403.50	\$ 473.04	\$ 69.54	17.23%	13
14	Between 1301 and 1400 kWh	3,255	1.1%	96.9%	\$ 443.56	\$ 518.19	\$ 74.63	16.83%	14
15	Between 1401 and 1500 kWh	2,189	0.7%	97.6%	\$ 482.46	\$ 565.20	\$ 82.74	17.15%	15
16	Between 1501 and 2000 kWh	4,916	1.6%	99.2%	\$ 580.10	\$ 677.88	\$ 97.78	16.86%	16
17	Between 2001 and 2500 kWh	1,362	0.4%	99.6%	\$ 780.97	\$ 913.51	\$ 132.54	16.97%	17
18	Between 2501 and 3000 kWh	519	0.2%	99.8%	\$ 980.94	\$ 1,147.60	\$ 166.66	16.99%	18
19	> 3000 kWh	581	0.2%	100.0%	\$ 1,709.68	\$ 1,981.69	\$ 272.01	15.91%	19
	Total	307,520	100.0%	100.0%	\$ 150.59	\$ 188.52	\$ 37.93	25.19%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,516	3.4%	3.4%	\$ 17.31	\$ 18.83	\$ 1.52	8.78%	1
2	Between 101 and 200 kWh	9,191	12.6%	16.0%	\$ 27.98	\$ 31.35	\$ 3.37	12.04%	2
3	Between 201 and 300 kWh	15,831	21.7%	37.7%	\$ 44.73	\$ 50.19	\$ 5.46	12.21%	3
4	Between 301 and 400 kWh	14,188	19.4%	57.2%	\$ 65.81	\$ 73.87	\$ 8.06	12.25%	4
5	Between 401 and 500 kWh	9,833	13.5%	70.6%	\$ 90.85	\$ 101.91	\$ 11.06	12.17%	5
6	Between 501 and 600 kWh	6,414	8.8%	79.4%	\$ 118.70	\$ 132.52	\$ 13.82	11.64%	6
7	Between 601 and 700 kWh	4,102	5.6%	85.1%	\$ 148.92	\$ 165.18	\$ 16.26	10.92%	7
8	Between 701 and 800 kWh	2,806	3.8%	88.9%	\$ 182.04	\$ 201.04	\$ 19.00	10.44%	8
9	Between 801 and 900 kWh	2,111	2.9%	91.8%	\$ 215.97	\$ 238.20	\$ 22.23	10.29%	9
10	Between 901 and 1000 kWh	1,523	2.1%	93.9%	\$ 252.74	\$ 278.85	\$ 26.11	10.33%	10
11	Between 1001 and 1100 kWh	1,074	1.5%	95.3%	\$ 289.49	\$ 319.46	\$ 29.97	10.35%	11
12	Between 1101 and 1200 kWh	812	1.1%	96.5%	\$ 326.30	\$ 360.31	\$ 34.01	10.42%	12
13	Between 1201 and 1300 kWh	641	0.9%	97.3%	\$ 363.70	\$ 401.69	\$ 37.99	10.45%	13
14	Between 1301 and 1400 kWh	490	0.7%	98.0%	\$ 402.28	\$ 444.60	\$ 42.32	10.52%	14
15	Between 1401 and 1500 kWh	355	0.5%	98.5%	\$ 438.42	\$ 484.63	\$ 46.21	10.54%	15
16	Between 1501 and 2000 kWh	733	1.0%	99.5%	\$ 534.23	\$ 591.41	\$ 57.18	10.70%	16
17	Between 2001 and 2500 kWh	199	0.3%	99.8%	\$ 722.83	\$ 801.70	\$ 78.87	10.91%	17
18	Between 2501 and 3000 kWh	80	0.1%	99.9%	\$ 919.74	\$ 1,021.34	\$ 101.60	11.05%	18
19	> 3000 kWh	87	0.1%	100.0%	\$ 1,478.55	\$ 1,644.66	\$ 166.11	11.23%	19
	Total	72,986	100.0%	100.0%	\$ 102.20	\$ 113.73	\$ 11.53	11.28%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,372	4.6%	4.6%	\$ 14.64	\$ 17.48	\$ 2.84	19.40%	1
2	Between 101 and 200 kWh	12,330	16.9%	21.5%	\$ 25.69	\$ 28.59	\$ 2.90	11.29%	2
3	Between 201 and 300 kWh	16,917	23.2%	44.7%	\$ 41.41	\$ 45.35	\$ 3.94	9.51%	3
4	Between 301 and 400 kWh	12,726	17.4%	62.1%	\$ 58.74	\$ 64.13	\$ 5.39	9.18%	4
5	Between 401 and 500 kWh	8,260	11.3%	73.4%	\$ 77.13	\$ 83.96	\$ 6.83	8.86%	5
6	Between 501 and 600 kWh	5,134	7.0%	80.3%	\$ 97.09	\$ 106.13	\$ 9.04	9.31%	6
7	Between 601 and 700 kWh	3,497	4.8%	85.3%	\$ 121.08	\$ 131.74	\$ 10.66	8.80%	7
8	Between 701 and 800 kWh	2,612	3.6%	88.8%	\$ 149.78	\$ 162.88	\$ 13.10	8.75%	8
9	Between 801 and 900 kWh	1,970	2.7%	91.5%	\$ 182.04	\$ 197.97	\$ 15.93	8.75%	9
10	Between 901 and 1000 kWh	1,506	2.1%	93.6%	\$ 216.62	\$ 234.56	\$ 17.94	8.28%	10
11	Between 1001 and 1100 kWh	1,087	1.5%	95.1%	\$ 251.63	\$ 272.31	\$ 20.68	8.22%	11
12	Between 1101 and 1200 kWh	865	1.2%	96.3%	\$ 288.56	\$ 310.95	\$ 22.39	7.76%	12
13	Between 1201 and 1300 kWh	616	0.8%	97.1%	\$ 323.18	\$ 349.17	\$ 25.99	8.04%	13
14	Between 1301 and 1400 kWh	508	0.7%	97.8%	\$ 359.60	\$ 388.13	\$ 28.53	7.93%	14
15	Between 1401 and 1500 kWh	350	0.5%	98.3%	\$ 395.51	\$ 427.38	\$ 31.87	8.06%	15
16	Between 1501 and 2000 kWh	818	1.1%	99.4%	\$ 484.55	\$ 524.30	\$ 39.75	8.20%	16
17	Between 2001 and 2500 kWh	236	0.3%	99.8%	\$ 671.49	\$ 723.57	\$ 52.08	7.76%	17
18	Between 2501 and 3000 kWh	86	0.1%	99.9%	\$ 847.67	\$ 912.13	\$ 64.46	7.60%	18
19	> 3000 kWh	96	0.1%	100.0%	\$ 1,342.14	\$ 1,457.36	\$ 115.22	8.58%	19
	Total	72,986	100.0%	100.0%	\$ 85.62	\$ 90.74	\$ 5.12	5.98%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,311	5.9%	5.9%	\$ 13.50	\$ 14.16	\$ 0.66	4.89%	1
2	Between 101 and 200 kWh	8,155	11.2%	17.1%	\$ 28.26	\$ 32.76	\$ 4.50	15.92%	2
3	Between 201 and 300 kWh	12,960	17.8%	34.8%	\$ 46.04	\$ 53.74	\$ 7.70	16.72%	3
4	Between 301 and 400 kWh	12,744	17.5%	52.3%	\$ 67.56	\$ 78.27	\$ 10.71	15.85%	4
5	Between 401 and 500 kWh	10,065	13.8%	66.1%	\$ 95.67	\$ 110.68	\$ 15.01	15.69%	5
6	Between 501 and 600 kWh	7,166	9.8%	75.9%	\$ 130.65	\$ 151.95	\$ 21.30	16.30%	6
7	Between 601 and 700 kWh	4,890	6.7%	82.6%	\$ 167.95	\$ 196.03	\$ 28.08	16.72%	7
8	Between 701 and 800 kWh	3,457	4.7%	87.3%	\$ 206.49	\$ 242.01	\$ 35.52	17.20%	8
9	Between 801 and 900 kWh	2,360	3.2%	90.6%	\$ 245.70	\$ 287.16	\$ 41.46	16.87%	9
10	Between 901 and 1000 kWh	1,684	2.3%	92.9%	\$ 285.68	\$ 333.54	\$ 47.86	16.75%	10
11	Between 1001 and 1100 kWh	1,293	1.8%	94.7%	\$ 324.13	\$ 379.53	\$ 55.40	17.09%	11
12	Between 1101 and 1200 kWh	957	1.3%	96.0%	\$ 363.24	\$ 424.86	\$ 61.62	16.96%	12
13	Between 1201 and 1300 kWh	731	1.0%	97.0%	\$ 402.41	\$ 471.10	\$ 68.69	17.07%	13
14	Between 1301 and 1400 kWh	519	0.7%	97.7%	\$ 442.97	\$ 517.54	\$ 74.57	16.83%	14
15	Between 1401 and 1500 kWh	388	0.5%	98.2%	\$ 479.70	\$ 561.50	\$ 81.80	17.05%	15
16	Between 1501 and 2000 kWh	878	1.2%	99.4%	\$ 580.52	\$ 679.73	\$ 99.21	17.09%	16
17	Between 2001 and 2500 kWh	213	0.3%	99.7%	\$ 781.57	\$ 914.36	\$ 132.79	16.99%	17
18	Between 2501 and 3000 kWh	104	0.1%	99.8%	\$ 981.81	\$ 1,155.11	\$ 173.30	17.65%	18
19	> 3000 kWh	111	0.2%	100.0%	\$ 1,554.70	\$ 1,805.20	\$ 250.50	16.11%	19
	Total	72,986	100.0%	100.0%	\$ 118.78	\$ 145.91	\$ 27.13	22.84%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,289	16.2%	16.2%	\$ 12.60	\$ 13.64	\$ 1.04	8.25%	1
2	Between 101 and 200 kWh	681	8.6%	24.8%	\$ 28.96	\$ 32.44	\$ 3.48	12.02%	2
3	Between 201 and 300 kWh	685	8.6%	33.5%	\$ 47.87	\$ 53.53	\$ 5.66	11.82%	3
4	Between 301 and 400 kWh	723	9.1%	42.6%	\$ 67.46	\$ 75.50	\$ 8.04	11.92%	4
5	Between 401 and 500 kWh	808	10.2%	52.8%	\$ 88.58	\$ 99.25	\$ 10.67	12.05%	5
6	Between 501 and 600 kWh	841	10.6%	63.4%	\$ 115.37	\$ 129.54	\$ 14.17	12.28%	6
7	Between 601 and 700 kWh	758	9.6%	72.9%	\$ 146.36	\$ 164.42	\$ 18.06	12.34%	7
8	Between 701 and 800 kWh	594	7.5%	80.4%	\$ 179.99	\$ 202.09	\$ 22.10	12.28%	8
9	Between 801 and 900 kWh	418	5.3%	85.7%	\$ 215.74	\$ 242.06	\$ 26.32	12.20%	9
10	Between 901 and 1000 kWh	301	3.8%	89.5%	\$ 250.15	\$ 280.34	\$ 30.19	12.07%	10
11	Between 1001 and 1100 kWh	234	2.9%	92.4%	\$ 287.72	\$ 322.14	\$ 34.42	11.96%	11
12	Between 1101 and 1200 kWh	154	1.9%	94.4%	\$ 323.49	\$ 362.42	\$ 38.93	12.03%	12
13	Between 1201 and 1300 kWh	111	1.4%	95.8%	\$ 359.08	\$ 400.45	\$ 41.37	11.52%	13
14	Between 1301 and 1400 kWh	67	0.8%	96.6%	\$ 397.47	\$ 445.03	\$ 47.56	11.97%	14
15	Between 1401 and 1500 kWh	64	0.8%	97.4%	\$ 434.17	\$ 483.81	\$ 49.64	11.43%	15
16	Between 1501 and 2000 kWh	135	1.7%	99.1%	\$ 536.29	\$ 598.64	\$ 62.35	11.63%	16
17	Between 2001 and 2500 kWh	33	0.4%	99.5%	\$ 711.91	\$ 793.37	\$ 81.46	11.44%	17
18	Between 2501 and 3000 kWh	17	0.2%	99.7%	\$ 892.91	\$ 992.96	\$ 100.07	11.21%	18
19	> 3000 kWh	21	0.3%	100.0%	\$ 1,756.68	\$ 1,954.56	\$ 197.88	11.26%	19
	Total	7,934	100.0%	100.0%	\$ 129.67	\$ 145.15	\$ 15.48	11.94%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,545	19.5%	19.5%	\$ 11.52	\$ 13.29	\$ 1.77	15.36%	1
2	Between 101 and 200 kWh	672	8.5%	27.9%	\$ 27.78	\$ 30.80	\$ 3.02	10.87%	2
3	Between 201 and 300 kWh	658	8.3%	36.2%	\$ 44.55	\$ 48.82	\$ 4.27	9.58%	3
4	Between 301 and 400 kWh	837	10.5%	46.8%	\$ 61.36	\$ 67.53	\$ 6.18	10.07%	4
5	Between 401 and 500 kWh	933	11.8%	58.5%	\$ 80.75	\$ 87.70	\$ 6.95	8.61%	5
6	Between 501 and 600 kWh	805	10.1%	68.7%	\$ 105.60	\$ 114.93	\$ 9.33	8.84%	6
7	Between 601 and 700 kWh	683	8.6%	77.3%	\$ 135.78	\$ 147.20	\$ 11.42	8.41%	7
8	Between 701 and 800 kWh	496	6.3%	83.6%	\$ 169.49	\$ 183.55	\$ 14.06	8.30%	8
9	Between 801 and 900 kWh	345	4.3%	87.9%	\$ 203.43	\$ 218.77	\$ 15.34	7.54%	9
10	Between 901 and 1000 kWh	259	3.3%	91.2%	\$ 234.57	\$ 255.20	\$ 20.63	8.79%	10
11	Between 1001 and 1100 kWh	168	2.1%	93.3%	\$ 270.06	\$ 289.66	\$ 19.60	7.26%	11
12	Between 1101 and 1200 kWh	116	1.5%	94.7%	\$ 298.76	\$ 324.98	\$ 26.22	8.78%	12
13	Between 1201 and 1300 kWh	110	1.4%	96.1%	\$ 332.94	\$ 358.87	\$ 25.93	7.79%	13
14	Between 1301 and 1400 kWh	55	0.7%	96.8%	\$ 380.74	\$ 405.44	\$ 24.70	6.49%	14
15	Between 1401 and 1500 kWh	58	0.7%	97.6%	\$ 398.87	\$ 439.32	\$ 40.45	10.14%	15
16	Between 1501 and 2000 kWh	111	1.4%	99.0%	\$ 490.88	\$ 533.24	\$ 42.36	8.63%	16
17	Between 2001 and 2500 kWh	43	0.5%	99.5%	\$ 669.83	\$ 726.18	\$ 56.35	8.41%	17
18	Between 2501 and 3000 kWh	17	0.2%	99.7%	\$ 878.12	\$ 914.66	\$ 36.54	4.16%	18
19	> 3000 kWh	23	0.3%	100.0%	\$ 1,571.04	\$ 1,634.97	\$ 63.93	4.07%	19
	Total	7,934	100.0%	200.0%	\$ 110.95	\$ 118.49	\$ 7.54	6.80%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,367	17.2%	17.2%	\$ 10.94	\$ 11.08	\$ 0.14	1.28%	1
2	Between 101 and 200 kWh	690	8.7%	25.9%	\$ 27.44	\$ 31.31	\$ 3.87	14.10%	2
3	Between 201 and 300 kWh	620	7.8%	33.7%	\$ 46.92	\$ 54.16	\$ 7.24	15.43%	3
4	Between 301 and 400 kWh	652	8.2%	42.0%	\$ 66.69	\$ 76.94	\$ 10.25	15.37%	4
5	Between 401 and 500 kWh	663	8.4%	50.3%	\$ 87.73	\$ 101.28	\$ 13.55	15.45%	5
6	Between 501 and 600 kWh	651	8.2%	58.5%	\$ 113.36	\$ 131.23	\$ 17.87	15.76%	6
7	Between 601 and 700 kWh	712	9.0%	67.5%	\$ 147.88	\$ 171.11	\$ 23.23	15.71%	7
8	Between 701 and 800 kWh	578	7.3%	74.8%	\$ 182.46	\$ 213.20	\$ 30.74	16.85%	8
9	Between 801 and 900 kWh	472	5.9%	80.7%	\$ 221.52	\$ 258.53	\$ 37.01	16.71%	9
10	Between 901 and 1000 kWh	359	4.5%	85.3%	\$ 260.18	\$ 303.75	\$ 43.57	16.75%	10
11	Between 1001 and 1100 kWh	293	3.7%	88.9%	\$ 298.39	\$ 350.14	\$ 51.75	17.34%	11
12	Between 1101 and 1200 kWh	187	2.4%	91.3%	\$ 336.31	\$ 394.08	\$ 57.77	17.18%	12
13	Between 1201 and 1300 kWh	164	2.1%	93.4%	\$ 376.64	\$ 442.07	\$ 65.43	17.37%	13
14	Between 1301 and 1400 kWh	135	1.7%	95.1%	\$ 414.03	\$ 485.76	\$ 71.73	17.32%	14
15	Between 1401 and 1500 kWh	82	1.0%	96.1%	\$ 455.26	\$ 528.66	\$ 73.40	16.12%	15
16	Between 1501 and 2000 kWh	207	2.6%	98.7%	\$ 555.83	\$ 649.63	\$ 93.80	16.88%	16
17	Between 2001 and 2500 kWh	50	0.6%	99.3%	\$ 762.43	\$ 879.21	\$ 116.78	15.32%	17
18	Between 2501 and 3000 kWh	28	0.4%	99.7%	\$ 955.95	\$ 1,125.30	\$ 169.35	17.72%	18
19	> 3000 kWh	24	0.3%	100.0%	\$ 1,873.44	\$ 2,145.81	\$ 272.37	14.54%	19
	Total	7,934	100.0%	100.0%	\$ 148.39	\$ 182.49	\$ 34.10	22.98%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	323	8.8%	8.8%	\$ 13.96	\$ 15.05	\$ 1.09	7.81%	1
2	Between 101 and 200 kWh	233	6.4%	15.2%	\$ 28.35	\$ 31.65	\$ 3.30	11.64%	2
3	Between 201 and 300 kWh	231	6.3%	21.5%	\$ 46.28	\$ 51.48	\$ 5.20	11.24%	3
4	Between 301 and 400 kWh	267	7.3%	28.7%	\$ 64.96	\$ 72.09	\$ 7.13	10.98%	4
5	Between 401 and 500 kWh	281	7.7%	36.4%	\$ 82.55	\$ 91.79	\$ 9.24	11.19%	5
6	Between 501 and 600 kWh	345	9.4%	45.8%	\$ 102.56	\$ 113.92	\$ 11.36	11.08%	6
7	Between 601 and 700 kWh	349	9.5%	55.3%	\$ 123.19	\$ 136.99	\$ 13.80	11.20%	7
8	Between 701 and 800 kWh	322	8.8%	64.1%	\$ 148.00	\$ 164.07	\$ 16.07	10.86%	8
9	Between 801 and 900 kWh	296	8.1%	72.2%	\$ 177.60	\$ 196.73	\$ 19.13	10.77%	9
10	Between 901 and 1000 kWh	250	6.8%	79.0%	\$ 206.58	\$ 227.94	\$ 21.36	10.34%	10
11	Between 1001 and 1100 kWh	211	5.8%	84.7%	\$ 237.87	\$ 261.07	\$ 23.20	9.75%	11
12	Between 1101 and 1200 kWh	136	3.7%	88.4%	\$ 270.47	\$ 297.33	\$ 26.86	9.93%	12
13	Between 1201 and 1300 kWh	102	2.8%	91.2%	\$ 307.04	\$ 337.52	\$ 30.48	9.93%	13
14	Between 1301 and 1400 kWh	81	2.2%	93.4%	\$ 343.88	\$ 377.82	\$ 33.94	9.87%	14
15	Between 1401 and 1500 kWh	61	1.7%	95.1%	\$ 376.10	\$ 414.25	\$ 38.15	10.14%	15
16	Between 1501 and 2000 kWh	125	3.4%	98.5%	\$ 467.56	\$ 514.69	\$ 47.13	10.08%	16
17	Between 2001 and 2500 kWh	26	0.7%	99.2%	\$ 664.71	\$ 734.04	\$ 69.33	10.43%	17
18	Between 2501 and 3000 kWh	10	0.3%	99.5%	\$ 863.22	\$ 957.52	\$ 94.30	10.92%	18
19	> 3000 kWh	19	0.5%	100.0%	\$ 1,275.27	\$ 1,413.34	\$ 138.07	10.83%	19
	Total	3,668	100.0%	100.0%	\$ 155.47	\$ 171.77	\$ 16.30	10.48%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	372	10.1%	10.1%	\$ 12.96	\$ 14.58	\$ 1.62	12.50%	1
2	Between 101 and 200 kWh	211	5.8%	15.9%	\$ 26.77	\$ 29.21	\$ 2.44	9.11%	2
3	Between 201 and 300 kWh	210	5.7%	21.6%	\$ 44.63	\$ 47.54	\$ 2.91	6.52%	3
4	Between 301 and 400 kWh	236	6.4%	28.1%	\$ 59.95	\$ 66.11	\$ 6.16	10.28%	4
5	Between 401 and 500 kWh	295	8.0%	36.1%	\$ 78.28	\$ 85.71	\$ 7.43	9.49%	5
6	Between 501 and 600 kWh	332	9.1%	45.1%	\$ 94.52	\$ 102.98	\$ 8.46	8.95%	6
7	Between 601 and 700 kWh	304	8.3%	53.4%	\$ 112.04	\$ 122.37	\$ 10.33	9.22%	7
8	Between 701 and 800 kWh	317	8.6%	62.1%	\$ 130.58	\$ 142.56	\$ 11.98	9.17%	8
9	Between 801 and 900 kWh	271	7.4%	69.5%	\$ 152.03	\$ 164.00	\$ 11.97	7.87%	9
10	Between 901 and 1000 kWh	250	6.8%	76.3%	\$ 172.66	\$ 186.27	\$ 13.61	7.88%	10
11	Between 1001 and 1100 kWh	200	5.5%	81.7%	\$ 199.15	\$ 216.73	\$ 17.58	8.83%	11
12	Between 1101 and 1200 kWh	167	4.6%	86.3%	\$ 227.97	\$ 246.21	\$ 18.24	8.00%	12
13	Between 1201 and 1300 kWh	109	3.0%	89.3%	\$ 255.75	\$ 277.00	\$ 21.25	8.31%	13
14	Between 1301 and 1400 kWh	101	2.8%	92.0%	\$ 291.00	\$ 313.42	\$ 22.42	7.70%	14
15	Between 1401 and 1500 kWh	70	1.9%	93.9%	\$ 324.99	\$ 349.06	\$ 24.07	7.41%	15
16	Between 1501 and 2000 kWh	148	4.0%	98.0%	\$ 409.65	\$ 443.32	\$ 33.67	8.22%	16
17	Between 2001 and 2500 kWh	43	1.2%	99.1%	\$ 580.54	\$ 642.94	\$ 62.40	10.75%	17
18	Between 2501 and 3000 kWh	15	0.4%	99.5%	\$ 812.58	\$ 859.60	\$ 47.02	5.79%	18
19	> 3000 kWh	17	0.5%	100.0%	\$ 1,258.55	\$ 1,315.24	\$ 56.69	4.50%	19
	Total	3,668	100.0%	100.0%	\$ 143.23	\$ 150.46	\$ 7.23	5.05%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	404	11.0%	11.0%	\$ 11.31	\$ 11.69	\$ 0.38	3.36%	1
2	Between 101 and 200 kWh	248	6.8%	17.8%	\$ 27.04	\$ 30.48	\$ 3.44	12.72%	2
3	Between 201 and 300 kWh	248	6.8%	24.5%	\$ 46.90	\$ 54.75	\$ 7.85	16.74%	3
4	Between 301 and 400 kWh	271	7.4%	31.9%	\$ 66.30	\$ 76.49	\$ 10.19	15.37%	4
5	Between 401 and 500 kWh	309	8.4%	40.3%	\$ 84.41	\$ 98.13	\$ 13.72	16.25%	5
6	Between 501 and 600 kWh	335	9.1%	49.5%	\$ 105.79	\$ 122.01	\$ 16.22	15.33%	6
7	Between 601 and 700 kWh	319	8.7%	58.2%	\$ 132.79	\$ 152.44	\$ 19.65	14.80%	7
8	Between 701 and 800 kWh	300	8.2%	66.4%	\$ 162.09	\$ 189.59	\$ 27.50	16.97%	8
9	Between 801 and 900 kWh	262	7.1%	73.5%	\$ 197.80	\$ 232.89	\$ 35.09	17.74%	9
10	Between 901 and 1000 kWh	234	6.4%	79.9%	\$ 235.53	\$ 277.80	\$ 42.27	17.95%	10
11	Between 1001 and 1100 kWh	172	4.7%	84.6%	\$ 273.56	\$ 318.16	\$ 44.60	16.30%	11
12	Between 1101 and 1200 kWh	128	3.5%	88.1%	\$ 314.43	\$ 368.08	\$ 53.65	17.06%	12
13	Between 1201 and 1300 kWh	104	2.8%	90.9%	\$ 351.53	\$ 412.26	\$ 60.73	17.28%	13
14	Between 1301 and 1400 kWh	65	1.8%	92.7%	\$ 390.84	\$ 455.02	\$ 64.18	16.42%	14
15	Between 1401 and 1500 kWh	67	1.8%	94.5%	\$ 431.55	\$ 504.86	\$ 73.31	16.99%	15
16	Between 1501 and 2000 kWh	143	3.9%	98.4%	\$ 530.34	\$ 620.01	\$ 89.67	16.91%	16
17	Between 2001 and 2500 kWh	28	0.8%	99.2%	\$ 741.24	\$ 855.94	\$ 114.70	15.47%	17
18	Between 2501 and 3000 kWh	12	0.3%	99.5%	\$ 930.02	\$ 1,105.59	\$ 175.57	18.88%	18
19	> 3000 kWh	19	0.5%	100.0%	\$ 1,521.43	\$ 1,791.34	\$ 269.91	17.74%	19
	Total	3,668	100.0%	100.0%	\$ 167.71	\$ 201.59	\$ 33.88	20.20%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	186	17.1%	17.1%	\$ 14.15	\$ 15.49	\$ 1.34	9.47%	1
2	Between 101 and 200 kWh	194	17.9%	35.0%	\$ 27.77	\$ 31.00	\$ 3.23	11.63%	2
3	Between 201 and 300 kWh	128	11.8%	46.8%	\$ 46.26	\$ 51.90	\$ 5.64	12.19%	3
4	Between 301 and 400 kWh	127	11.7%	58.5%	\$ 72.00	\$ 81.11	\$ 9.11	12.65%	4
5	Between 401 and 500 kWh	110	10.1%	68.7%	\$ 95.02	\$ 107.87	\$ 12.85	13.52%	5
6	Between 501 and 600 kWh	86	7.9%	76.6%	\$ 121.22	\$ 137.56	\$ 16.34	13.48%	6
7	Between 601 and 700 kWh	57	5.3%	81.8%	\$ 148.98	\$ 169.24	\$ 20.26	13.60%	7
8	Between 701 and 800 kWh	43	4.0%	85.8%	\$ 181.01	\$ 206.16	\$ 25.15	13.89%	8
9	Between 801 and 900 kWh	36	3.3%	89.1%	\$ 226.08	\$ 258.58	\$ 32.50	14.38%	9
10	Between 901 and 1000 kWh	29	2.7%	91.8%	\$ 251.71	\$ 286.51	\$ 34.80	13.83%	10
11	Between 1001 and 1100 kWh	20	1.8%	93.6%	\$ 295.64	\$ 336.34	\$ 40.70	13.77%	11
12	Between 1101 and 1200 kWh	12	1.1%	94.7%	\$ 321.49	\$ 366.63	\$ 45.14	14.04%	12
13	Between 1201 and 1300 kWh	15	1.4%	96.1%	\$ 361.10	\$ 412.32	\$ 51.22	14.18%	13
14	Between 1301 and 1400 kWh	9	0.8%	97.0%	\$ 412.51	\$ 468.97	\$ 56.46	13.69%	14
15	Between 1401 and 1500 kWh	6	0.6%	97.5%	\$ 445.13	\$ 501.20	\$ 56.07	12.60%	15
16	Between 1501 and 2000 kWh	12	1.1%	98.6%	\$ 532.43	\$ 602.10	\$ 69.67	13.09%	16
17	Between 2001 and 2500 kWh	9	0.8%	99.4%	\$ 746.13	\$ 838.51	\$ 92.38	12.38%	17
18	Between 2501 and 3000 kWh	2	0.2%	99.6%	\$ 904.02	\$ 1,024.45	\$ 120.43	13.32%	18
19	> 3000 kWh	4	0.4%	100.0%	\$ 3,212.29	\$ 3,580.71	\$ 368.42	11.47%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 115.21</b>	<b>\$ 130.27</b>	<b>\$ 15.06</b>	<b>13.07%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	230	21.2%	21.2%	\$ 10.96	\$ 12.89	\$ 1.93	17.61%	1
2	Between 101 and 200 kWh	188	17.3%	38.5%	\$ 24.93	\$ 28.73	\$ 3.80	15.24%	2
3	Between 201 and 300 kWh	171	15.8%	54.3%	\$ 41.89	\$ 46.51	\$ 4.62	11.03%	3
4	Between 301 and 400 kWh	129	11.9%	66.2%	\$ 62.82	\$ 68.92	\$ 6.10	9.71%	4
5	Between 401 and 500 kWh	108	10.0%	76.1%	\$ 87.03	\$ 96.73	\$ 9.70	11.15%	5
6	Between 501 and 600 kWh	80	7.4%	83.5%	\$ 114.57	\$ 125.22	\$ 10.65	9.30%	6
7	Between 601 and 700 kWh	56	5.2%	88.7%	\$ 148.17	\$ 163.68	\$ 15.51	10.47%	7
8	Between 701 and 800 kWh	28	2.6%	91.2%	\$ 183.86	\$ 198.47	\$ 14.61	7.95%	8
9	Between 801 and 900 kWh	25	2.3%	93.5%	\$ 214.63	\$ 236.70	\$ 22.07	10.28%	9
10	Between 901 and 1000 kWh	14	1.3%	94.8%	\$ 246.52	\$ 272.09	\$ 25.57	10.37%	10
11	Between 1001 and 1100 kWh	19	1.8%	96.6%	\$ 283.07	\$ 307.72	\$ 24.65	8.71%	11
12	Between 1101 and 1200 kWh	6	0.6%	97.1%	\$ 313.50	\$ 343.28	\$ 29.78	9.50%	12
13	Between 1201 and 1300 kWh	6	0.6%	97.7%	\$ 353.51	\$ 396.01	\$ 42.50	12.02%	13
14	Between 1301 and 1400 kWh	4	0.4%	98.1%	\$ 442.28	\$ 441.38	\$ (0.90)	-0.20%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.1%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	11	1.0%	99.1%	\$ 540.04	\$ 585.97	\$ 45.93	8.50%	16
17	Between 2001 and 2500 kWh	6	0.6%	99.6%	\$ 768.68	\$ 806.34	\$ 37.66	4.90%	17
18	Between 2501 and 3000 kWh	1	0.1%	99.7%	\$ 908.21	\$ 913.50	\$ 5.29	0.58%	18
19	> 3000 kWh	3	0.3%	100.0%	\$ 3,340.87	\$ 3,755.73	\$ 414.86	12.42%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 88.42</b>	<b>\$ 95.64</b>	<b>\$ 7.22</b>	<b>8.17%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	253	23.3%	23.3%	\$ 11.71	\$ 11.81	\$ 0.10	0.85%	1
2	Between 101 and 200 kWh	155	14.3%	37.6%	\$ 27.63	\$ 30.89	\$ 3.26	11.80%	2
3	Between 201 and 300 kWh	100	9.2%	46.8%	\$ 48.13	\$ 54.06	\$ 5.93	12.32%	3
4	Between 301 and 400 kWh	76	7.0%	53.8%	\$ 65.97	\$ 77.88	\$ 11.91	18.05%	4
5	Between 401 and 500 kWh	74	6.8%	60.6%	\$ 88.85	\$ 102.01	\$ 13.16	14.81%	5
6	Between 501 and 600 kWh	70	6.5%	67.1%	\$ 115.51	\$ 131.20	\$ 15.69	13.58%	6
7	Between 601 and 700 kWh	69	6.4%	73.5%	\$ 142.46	\$ 162.92	\$ 20.46	14.36%	7
8	Between 701 and 800 kWh	57	5.3%	78.7%	\$ 176.51	\$ 205.64	\$ 29.13	16.50%	8
9	Between 801 and 900 kWh	56	5.2%	83.9%	\$ 212.27	\$ 245.98	\$ 33.71	15.88%	9
10	Between 901 and 1000 kWh	28	2.6%	86.5%	\$ 255.18	\$ 291.48	\$ 36.30	14.23%	10
11	Between 1001 and 1100 kWh	25	2.3%	88.8%	\$ 289.32	\$ 335.73	\$ 46.41	16.04%	11
12	Between 1101 and 1200 kWh	16	1.5%	90.2%	\$ 327.01	\$ 381.76	\$ 54.75	16.74%	12
13	Between 1201 and 1300 kWh	18	1.7%	91.9%	\$ 366.04	\$ 423.11	\$ 57.07	15.59%	13
14	Between 1301 and 1400 kWh	13	1.2%	93.1%	\$ 400.98	\$ 471.32	\$ 70.34	17.54%	14
15	Between 1401 and 1500 kWh	14	1.3%	94.4%	\$ 438.11	\$ 510.99	\$ 72.88	16.64%	15
16	Between 1501 and 2000 kWh	38	3.5%	97.9%	\$ 547.40	\$ 642.40	\$ 95.00	17.35%	16
17	Between 2001 and 2500 kWh	14	1.3%	99.2%	\$ 729.24	\$ 851.80	\$ 122.56	16.81%	17
18	Between 2501 and 3000 kWh	5	0.5%	99.6%	\$ 1,009.78	\$ 1,079.50	\$ 69.72	6.90%	18
19	> 3000 kWh	4	0.4%	100.0%	\$ 4,240.67	\$ 3,166.68	\$ (1,073.99)	-25.33%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 142.01</b>	<b>\$ 178.76</b>	<b>\$ 36.75</b>	<b>25.88%</b>	



REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	123	10.6%	10.6%	\$ 14.70	\$ 16.01	\$ 1.31	8.91%	1
2	Between 101 and 200 kWh	139	11.9%	22.5%	\$ 27.17	\$ 30.41	\$ 3.24	11.92%	2
3	Between 201 and 300 kWh	159	13.7%	36.2%	\$ 44.87	\$ 50.07	\$ 5.20	11.59%	3
4	Between 301 and 400 kWh	149	12.8%	49.0%	\$ 67.46	\$ 75.65	\$ 8.19	12.14%	4
5	Between 401 and 500 kWh	111	9.5%	58.5%	\$ 84.67	\$ 94.68	\$ 10.01	11.82%	5
6	Between 501 and 600 kWh	102	8.8%	67.3%	\$ 107.27	\$ 120.19	\$ 12.92	12.04%	6
7	Between 601 and 700 kWh	91	7.8%	75.1%	\$ 131.62	\$ 147.65	\$ 16.03	12.18%	7
8	Between 701 and 800 kWh	56	4.8%	79.9%	\$ 165.56	\$ 186.50	\$ 20.94	12.65%	8
9	Between 801 and 900 kWh	63	5.4%	85.3%	\$ 189.41	\$ 213.16	\$ 23.75	12.54%	9
10	Between 901 and 1000 kWh	35	3.0%	88.3%	\$ 222.95	\$ 250.78	\$ 27.83	12.48%	10
11	Between 1001 and 1100 kWh	38	3.3%	91.6%	\$ 254.77	\$ 286.23	\$ 31.46	12.35%	11
12	Between 1101 and 1200 kWh	18	1.5%	93.1%	\$ 279.62	\$ 315.04	\$ 35.42	12.67%	12
13	Between 1201 and 1300 kWh	18	1.5%	94.7%	\$ 326.71	\$ 366.77	\$ 40.06	12.26%	13
14	Between 1301 and 1400 kWh	13	1.1%	95.8%	\$ 367.07	\$ 415.62	\$ 48.55	13.23%	14
15	Between 1401 and 1500 kWh	11	0.9%	96.7%	\$ 403.80	\$ 453.65	\$ 49.85	12.35%	15
16	Between 1501 and 2000 kWh	29	2.5%	99.2%	\$ 507.99	\$ 570.53	\$ 62.54	12.31%	16
17	Between 2001 and 2500 kWh	6	0.5%	99.7%	\$ 665.59	\$ 753.43	\$ 87.84	13.20%	17
18	Between 2501 and 3000 kWh	3	0.3%	100.0%	\$ 831.36	\$ 930.30	\$ 98.94	11.90%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 116.08</b>	<b>\$ 130.31</b>	<b>\$ 14.23</b>	<b>12.26%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	149	12.8%	12.8%	\$ 12.43	\$ 14.93	\$ 2.50	20.11%	1
2	Between 101 and 200 kWh	142	12.2%	25.0%	\$ 25.37	\$ 28.97	\$ 3.60	14.19%	2
3	Between 201 and 300 kWh	160	13.7%	38.7%	\$ 41.92	\$ 46.17	\$ 4.25	10.14%	3
4	Between 301 and 400 kWh	138	11.9%	50.6%	\$ 58.72	\$ 64.60	\$ 5.88	10.01%	4
5	Between 401 and 500 kWh	131	11.3%	61.9%	\$ 77.71	\$ 86.70	\$ 8.99	11.57%	5
6	Between 501 and 600 kWh	113	9.7%	71.6%	\$ 95.29	\$ 104.89	\$ 9.60	10.07%	6
7	Between 601 and 700 kWh	80	6.9%	78.4%	\$ 118.36	\$ 127.39	\$ 9.03	7.63%	7
8	Between 701 and 800 kWh	65	5.6%	84.0%	\$ 138.78	\$ 151.91	\$ 13.13	9.46%	8
9	Between 801 and 900 kWh	58	5.0%	89.0%	\$ 165.09	\$ 179.58	\$ 14.49	8.78%	9
10	Between 901 and 1000 kWh	31	2.7%	91.7%	\$ 194.68	\$ 214.63	\$ 19.95	10.25%	10
11	Between 1001 and 1100 kWh	32	2.7%	94.4%	\$ 225.17	\$ 241.70	\$ 16.53	7.34%	11
12	Between 1101 and 1200 kWh	19	1.6%	96.0%	\$ 261.82	\$ 283.99	\$ 22.17	8.47%	12
13	Between 1201 and 1300 kWh	7	0.6%	96.6%	\$ 297.13	\$ 322.12	\$ 24.99	8.41%	13
14	Between 1301 and 1400 kWh	12	1.0%	97.7%	\$ 330.63	\$ 368.26	\$ 37.63	11.38%	14
15	Between 1401 and 1500 kWh	5	0.4%	98.1%	\$ 373.79	\$ 402.20	\$ 28.41	7.60%	15
16	Between 1501 and 2000 kWh	14	1.2%	99.3%	\$ 442.90	\$ 489.15	\$ 46.25	10.44%	16
17	Between 2001 and 2500 kWh	7	0.6%	99.9%	\$ 647.76	\$ 671.46	\$ 23.70	3.66%	17
18	Between 2501 and 3000 kWh	1	0.1%	100.0%	\$ 792.18	\$ 855.31	\$ 63.13	7.97%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 91.87</b>	<b>\$ 97.39</b>	<b>\$ 5.52</b>	<b>6.01%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	166	14.3%	14.3%	\$ 11.42	\$ 12.43	\$ 1.01	8.84%	1
2	Between 101 and 200 kWh	167	14.3%	28.6%	\$ 27.23	\$ 30.58	\$ 3.35	12.30%	2
3	Between 201 and 300 kWh	128	11.0%	39.6%	\$ 46.18	\$ 52.83	\$ 6.65	14.40%	3
4	Between 301 and 400 kWh	118	10.1%	49.7%	\$ 66.17	\$ 77.85	\$ 11.68	17.65%	4
5	Between 401 and 500 kWh	90	7.7%	57.5%	\$ 87.57	\$ 100.57	\$ 13.00	14.85%	5
6	Between 501 and 600 kWh	75	6.4%	63.9%	\$ 108.21	\$ 125.96	\$ 17.77	16.42%	6
7	Between 601 and 700 kWh	69	5.9%	69.8%	\$ 133.09	\$ 153.56	\$ 20.47	15.38%	7
8	Between 701 and 800 kWh	60	5.2%	75.0%	\$ 159.41	\$ 188.41	\$ 29.00	18.19%	8
9	Between 801 and 900 kWh	45	3.9%	78.9%	\$ 193.85	\$ 227.92	\$ 34.07	17.58%	9
10	Between 901 and 1000 kWh	51	4.4%	83.2%	\$ 232.47	\$ 265.25	\$ 32.78	14.10%	10
11	Between 1001 and 1100 kWh	32	2.7%	86.0%	\$ 265.63	\$ 304.98	\$ 39.35	14.81%	11
12	Between 1101 and 1200 kWh	30	2.6%	88.6%	\$ 305.33	\$ 354.00	\$ 48.67	15.94%	12
13	Between 1201 and 1300 kWh	21	1.8%	90.4%	\$ 338.38	\$ 391.88	\$ 53.50	15.81%	13
14	Between 1301 and 1400 kWh	16	1.4%	91.8%	\$ 375.23	\$ 445.89	\$ 70.66	18.83%	14
15	Between 1401 and 1500 kWh	22	1.9%	93.6%	\$ 427.29	\$ 488.73	\$ 61.44	14.38%	15
16	Between 1501 and 2000 kWh	43	3.7%	97.3%	\$ 515.99	\$ 605.65	\$ 89.66	17.38%	16
17	Between 2001 and 2500 kWh	19	1.6%	99.0%	\$ 723.78	\$ 852.78	\$ 129.00	17.82%	17
18	Between 2501 and 3000 kWh	9	0.8%	99.7%	\$ 926.37	\$ 1,096.20	\$ 169.83	18.33%	18
19	> 3000 kWh	3	0.3%	100.0%	\$ 1,124.91	\$ 1,340.03	\$ 215.12	19.12%	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 140.30</b>	<b>\$ 176.40</b>	<b>\$ 36.10</b>	<b>25.73%</b>	



REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DRLI (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,134	2.6%	2.6%	\$ 6.32	\$ 7.28	\$ 0.96	15.19%	1
2	Between 101 and 200 kWh	39,802	16.6%	19.2%	\$ 14.54	\$ 16.60	\$ 2.06	14.17%	2
3	Between 201 and 300 kWh	56,594	23.6%	42.8%	\$ 25.23	\$ 28.62	\$ 3.39	13.44%	3
4	Between 301 and 400 kWh	49,112	20.5%	63.3%	\$ 38.49	\$ 43.56	\$ 5.07	13.17%	4
5	Between 401 and 500 kWh	35,481	14.8%	78.2%	\$ 56.02	\$ 63.28	\$ 7.26	12.98%	5
6	Between 501 and 600 kWh	22,477	9.4%	87.6%	\$ 76.85	\$ 86.61	\$ 9.76	12.70%	6
7	Between 601 and 700 kWh	13,463	5.6%	93.2%	\$ 98.60	\$ 110.84	\$ 12.24	12.41%	7
8	Between 701 and 800 kWh	7,605	3.2%	96.4%	\$ 120.72	\$ 135.34	\$ 14.62	12.11%	8
9	Between 801 and 900 kWh	4,155	1.7%	98.1%	\$ 142.82	\$ 159.82	\$ 17.00	11.90%	9
10	Between 901 and 1000 kWh	2,011	0.8%	98.9%	\$ 164.93	\$ 184.18	\$ 19.25	11.67%	10
11	Between 1001 and 1100 kWh	1,037	0.4%	99.4%	\$ 186.36	\$ 207.81	\$ 21.45	11.51%	11
12	Between 1101 and 1200 kWh	549	0.2%	99.6%	\$ 206.68	\$ 230.60	\$ 23.92	11.57%	12
13	Between 1201 and 1300 kWh	325	0.1%	99.7%	\$ 230.29	\$ 256.76	\$ 26.47	11.49%	13
14	Between 1301 and 1400 kWh	203	0.1%	99.8%	\$ 254.38	\$ 283.72	\$ 29.34	11.53%	14
15	Between 1401 and 1500 kWh	141	0.1%	99.9%	\$ 276.71	\$ 308.65	\$ 31.94	11.54%	15
16	Between 1501 and 2000 kWh	223	0.1%	100.0%	\$ 328.29	\$ 365.51	\$ 37.22	11.34%	16
17	Between 2001 and 2500 kWh	35	0.0%	100.0%	\$ 448.61	\$ 499.86	\$ 51.25	11.42%	17
18	Between 2501 and 3000 kWh	18	0.0%	100.0%	\$ 581.48	\$ 649.42	\$ 67.94	11.68%	18
19	> 3000 kWh	7	0.0%	100.0%	\$ 1,612.21	\$ 1,798.34	\$ 186.13	11.55%	19
	Total	239,372	100.0%	100.0%	\$ 47.64	\$ 53.74	\$ 6.10	12.80%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DRLI (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8,319	3.5%	3.5%	\$ 5.60	\$ 6.82	\$ 1.22	21.79%	1
2	Between 101 and 200 kWh	45,746	19.1%	22.6%	\$ 13.55	\$ 15.35	\$ 1.80	13.28%	2
3	Between 201 and 300 kWh	60,342	25.2%	47.8%	\$ 23.37	\$ 26.00	\$ 2.63	11.25%	3
4	Between 301 and 400 kWh	48,852	20.4%	68.2%	\$ 34.95	\$ 38.61	\$ 3.66	10.47%	4
5	Between 401 and 500 kWh	32,102	13.4%	81.6%	\$ 50.86	\$ 55.73	\$ 4.87	9.58%	5
6	Between 501 and 600 kWh	18,908	7.9%	89.5%	\$ 70.15	\$ 76.62	\$ 6.47	9.22%	6
7	Between 601 and 700 kWh	10,870	4.5%	94.1%	\$ 90.32	\$ 98.34	\$ 8.02	8.88%	7
8	Between 701 and 800 kWh	6,177	2.6%	96.6%	\$ 111.12	\$ 120.54	\$ 9.42	8.48%	8
9	Between 801 and 900 kWh	3,421	1.4%	98.1%	\$ 131.10	\$ 142.04	\$ 10.94	8.34%	9
10	Between 901 and 1000 kWh	1,936	0.8%	98.9%	\$ 150.99	\$ 162.91	\$ 11.92	7.89%	10
11	Between 1001 and 1100 kWh	1,013	0.4%	99.3%	\$ 169.71	\$ 182.85	\$ 13.14	7.74%	11
12	Between 1101 and 1200 kWh	612	0.3%	99.6%	\$ 188.23	\$ 203.03	\$ 14.80	7.86%	12
13	Between 1201 and 1300 kWh	374	0.2%	99.7%	\$ 207.27	\$ 223.25	\$ 15.98	7.71%	13
14	Between 1301 and 1400 kWh	222	0.1%	99.8%	\$ 228.95	\$ 245.99	\$ 17.04	7.44%	14
15	Between 1401 and 1500 kWh	143	0.1%	99.9%	\$ 248.79	\$ 270.20	\$ 21.41	8.61%	15
16	Between 1501 and 2000 kWh	249	0.1%	100.0%	\$ 298.39	\$ 324.19	\$ 25.80	8.65%	16
17	Between 2001 and 2500 kWh	63	0.0%	100.0%	\$ 409.21	\$ 443.97	\$ 34.76	8.49%	17
18	Between 2501 and 3000 kWh	12	0.0%	100.0%	\$ 525.81	\$ 558.13	\$ 32.32	6.15%	18
19	> 3000 kWh	11	0.0%	100.0%	\$ 1,216.30	\$ 1,326.21	\$ 109.91	9.04%	19
	Total	239,372	100.0%	100.0%	\$ 40.62	\$ 43.64	\$ 3.02	7.43%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(ALL CUSTOMERS)  
Schedule DRLI (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8,654	3.6%	3.6%	\$ 5.88	\$ 6.56	\$ 0.68	11.56%	1
2	Between 101 and 200 kWh	37,850	15.8%	19.4%	\$ 15.17	\$ 17.80	\$ 2.63	17.34%	2
3	Between 201 and 300 kWh	50,974	21.3%	40.7%	\$ 26.10	\$ 30.65	\$ 4.55	17.43%	3
4	Between 301 and 400 kWh	45,255	18.9%	59.6%	\$ 39.52	\$ 46.17	\$ 6.65	16.83%	4
5	Between 401 and 500 kWh	34,108	14.2%	73.9%	\$ 58.54	\$ 68.42	\$ 9.88	16.88%	5
6	Between 501 and 600 kWh	23,424	9.8%	83.7%	\$ 81.11	\$ 95.09	\$ 13.98	17.24%	6
7	Between 601 and 700 kWh	15,638	6.5%	90.2%	\$ 104.79	\$ 122.96	\$ 18.17	17.34%	7
8	Between 701 and 800 kWh	9,861	4.1%	94.3%	\$ 128.66	\$ 151.43	\$ 22.77	17.70%	8
9	Between 801 and 900 kWh	6,133	2.6%	96.9%	\$ 152.51	\$ 179.54	\$ 27.03	17.72%	9
10	Between 901 and 1000 kWh	3,471	1.5%	98.3%	\$ 176.34	\$ 207.59	\$ 31.25	17.72%	10
11	Between 1001 and 1100 kWh	1,714	0.7%	99.0%	\$ 200.15	\$ 235.22	\$ 35.07	17.52%	11
12	Between 1101 and 1200 kWh	830	0.3%	99.4%	\$ 223.18	\$ 262.62	\$ 39.44	17.67%	12
13	Between 1201 and 1300 kWh	459	0.2%	99.6%	\$ 246.60	\$ 290.64	\$ 44.04	17.86%	13
14	Between 1301 and 1400 kWh	295	0.1%	99.7%	\$ 272.74	\$ 317.62	\$ 44.88	16.46%	14
15	Between 1401 and 1500 kWh	199	0.1%	99.8%	\$ 296.77	\$ 347.82	\$ 51.05	17.20%	15
16	Between 1501 and 2000 kWh	400	0.2%	100.0%	\$ 352.97	\$ 415.30	\$ 62.33	17.66%	16
17	Between 2001 and 2500 kWh	68	0.0%	100.0%	\$ 484.38	\$ 566.34	\$ 81.96	16.92%	17
18	Between 2501 and 3000 kWh	18	0.0%	100.0%	\$ 609.56	\$ 716.48	\$ 106.92	17.54%	18
19	> 3000 kWh	21	0.0%	100.0%	\$ 1,128.03	\$ 1,252.87	\$ 124.84	11.07%	19
	Total	239,372	100.0%	100.0%	\$ 54.67	\$ 67.87	\$ 13.20	24.14%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,225	3.7%	3.7%	\$ 6.14	\$ 7.09	\$ 0.95	15.47%	1
2	Between 101 and 200 kWh	18,609	21.4%	25.1%	\$ 14.33	\$ 16.37	\$ 2.04	14.24%	2
3	Between 201 and 300 kWh	21,892	25.1%	50.2%	\$ 25.21	\$ 28.57	\$ 3.36	13.33%	3
4	Between 301 and 400 kWh	17,144	19.7%	69.9%	\$ 39.15	\$ 44.24	\$ 5.09	13.00%	4
5	Between 401 and 500 kWh	11,618	13.3%	83.3%	\$ 58.53	\$ 65.95	\$ 7.42	12.68%	5
6	Between 501 and 600 kWh	7,007	8.0%	91.3%	\$ 81.24	\$ 91.31	\$ 10.07	12.40%	6
7	Between 601 and 700 kWh	3,790	4.4%	95.7%	\$ 104.34	\$ 117.07	\$ 12.73	12.20%	7
8	Between 701 and 800 kWh	2,019	2.3%	98.0%	\$ 127.87	\$ 143.21	\$ 15.34	12.00%	8
9	Between 801 and 900 kWh	939	1.1%	99.1%	\$ 151.19	\$ 169.20	\$ 18.01	11.91%	9
10	Between 901 and 1000 kWh	406	0.5%	99.5%	\$ 174.77	\$ 195.49	\$ 20.72	11.86%	10
11	Between 1001 and 1100 kWh	188	0.2%	99.7%	\$ 198.51	\$ 222.06	\$ 23.55	11.86%	11
12	Between 1101 and 1200 kWh	75	0.1%	99.8%	\$ 223.14	\$ 250.06	\$ 26.92	12.06%	12
13	Between 1201 and 1300 kWh	54	0.1%	99.9%	\$ 246.16	\$ 275.38	\$ 29.22	11.87%	13
14	Between 1301 and 1400 kWh	32	0.0%	99.9%	\$ 269.93	\$ 302.46	\$ 32.53	12.05%	14
15	Between 1401 and 1500 kWh	21	0.0%	100.0%	\$ 296.21	\$ 332.50	\$ 36.29	12.25%	15
16	Between 1501 and 2000 kWh	31	0.0%	100.0%	\$ 348.86	\$ 390.40	\$ 41.54	11.91%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 440.84	\$ 493.64	\$ 52.80	11.98%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 622.71	\$ 700.39	\$ 77.68	12.47%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 833.87	\$ 931.44	\$ 97.57	11.70%	19
	Total	87,059	100.0%	100.0%	\$ 42.78	\$ 48.23	\$ 5.45	12.74%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,170	4.8%	4.8%	\$ 5.46	\$ 6.68	\$ 1.22	22.34%	1
2	Between 101 and 200 kWh	19,928	22.9%	27.7%	\$ 13.34	\$ 15.12	\$ 1.78	13.34%	2
3	Between 201 and 300 kWh	22,171	25.5%	53.1%	\$ 23.36	\$ 26.01	\$ 2.65	11.34%	3
4	Between 301 and 400 kWh	16,954	19.5%	72.6%	\$ 35.88	\$ 39.64	\$ 3.76	10.48%	4
5	Between 401 and 500 kWh	10,823	12.4%	85.1%	\$ 54.49	\$ 59.50	\$ 5.01	9.19%	5
6	Between 501 and 600 kWh	6,115	7.0%	92.1%	\$ 76.34	\$ 83.02	\$ 6.68	8.75%	6
7	Between 601 and 700 kWh	3,347	3.8%	95.9%	\$ 98.73	\$ 107.23	\$ 8.50	8.61%	7
8	Between 701 and 800 kWh	1,849	2.1%	98.0%	\$ 121.31	\$ 131.42	\$ 10.11	8.33%	8
9	Between 801 and 900 kWh	875	1.0%	99.1%	\$ 143.50	\$ 155.53	\$ 12.03	8.38%	9
10	Between 901 and 1000 kWh	436	0.5%	99.6%	\$ 165.82	\$ 180.00	\$ 14.18	8.55%	10
11	Between 1001 and 1100 kWh	192	0.2%	99.8%	\$ 187.89	\$ 203.23	\$ 15.34	8.16%	11
12	Between 1101 and 1200 kWh	82	0.1%	99.9%	\$ 210.85	\$ 229.05	\$ 18.20	8.63%	12
13	Between 1201 and 1300 kWh	42	0.0%	99.9%	\$ 234.85	\$ 252.69	\$ 17.84	7.60%	13
14	Between 1301 and 1400 kWh	25	0.0%	99.9%	\$ 258.04	\$ 278.72	\$ 20.68	8.01%	14
15	Between 1401 and 1500 kWh	14	0.0%	100.0%	\$ 279.55	\$ 304.75	\$ 25.20	9.01%	15
16	Between 1501 and 2000 kWh	25	0.0%	100.0%	\$ 337.67	\$ 361.26	\$ 23.59	6.99%	16
17	Between 2001 and 2500 kWh	6	0.0%	100.0%	\$ 425.64	\$ 485.32	\$ 59.68	14.02%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 575.10	\$ 579.67	\$ 4.57	0.79%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 704.01	\$ 763.64	\$ 59.63	8.47%	19
	Total	87,059	100.0%	100.0%	\$ 38.04	\$ 40.93	\$ 2.89	7.60%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,071	4.7%	4.7%	\$ 5.84	\$ 6.54	\$ 0.70	11.99%	1
2	Between 101 and 200 kWh	17,648	20.3%	24.9%	\$ 14.98	\$ 17.63	\$ 2.65	17.69%	2
3	Between 201 and 300 kWh	20,545	23.6%	48.5%	\$ 26.00	\$ 30.53	\$ 4.53	17.42%	3
4	Between 301 and 400 kWh	16,384	18.8%	67.4%	\$ 40.17	\$ 46.88	\$ 6.71	16.70%	4
5	Between 401 and 500 kWh	11,444	13.1%	80.5%	\$ 61.16	\$ 71.73	\$ 10.57	17.28%	5
6	Between 501 and 600 kWh	7,235	8.3%	88.8%	\$ 85.04	\$ 99.86	\$ 14.82	17.43%	6
7	Between 601 and 700 kWh	4,494	5.2%	94.0%	\$ 109.37	\$ 128.62	\$ 19.25	17.60%	7
8	Between 701 and 800 kWh	2,568	2.9%	96.9%	\$ 134.02	\$ 157.69	\$ 23.67	17.66%	8
9	Between 801 and 900 kWh	1,372	1.6%	98.5%	\$ 158.40	\$ 186.26	\$ 27.86	17.59%	9
10	Between 901 and 1000 kWh	630	0.7%	99.2%	\$ 183.06	\$ 214.71	\$ 31.65	17.29%	10
11	Between 1001 and 1100 kWh	270	0.3%	99.5%	\$ 207.85	\$ 243.29	\$ 35.44	17.05%	11
12	Between 1101 and 1200 kWh	143	0.2%	99.7%	\$ 233.23	\$ 272.59	\$ 39.36	16.88%	12
13	Between 1201 and 1300 kWh	86	0.1%	99.8%	\$ 258.68	\$ 301.30	\$ 42.62	16.48%	13
14	Between 1301 and 1400 kWh	48	0.1%	99.9%	\$ 282.88	\$ 330.80	\$ 47.92	16.94%	14
15	Between 1401 and 1500 kWh	38	0.0%	99.9%	\$ 305.48	\$ 361.18	\$ 55.70	18.23%	15
16	Between 1501 and 2000 kWh	64	0.1%	100.0%	\$ 362.54	\$ 430.61	\$ 68.07	18.78%	16
17	Between 2001 and 2500 kWh	9	0.0%	100.0%	\$ 488.91	\$ 562.24	\$ 73.33	15.00%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 613.99	\$ 696.99	\$ 83.00	13.52%	18
19	> 3000 kWh	8	0.0%	100.0%	\$ 903.34	\$ 1,063.13	\$ 159.79	17.69%	19
	Total	87,059	100.0%	100.0%	\$ 47.52	\$ 58.46	\$ 10.94	23.02%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	795	2.5%	2.5%	\$ 6.16	\$ 7.13	\$ 0.97	15.75%	1
2	Between 101 and 200 kWh	6,929	21.5%	24.0%	\$ 14.52	\$ 16.55	\$ 2.03	13.98%	2
3	Between 201 and 300 kWh	9,605	29.8%	53.9%	\$ 24.84	\$ 28.12	\$ 3.28	13.20%	3
4	Between 301 and 400 kWh	6,961	21.6%	75.5%	\$ 37.61	\$ 42.41	\$ 4.80	12.76%	4
5	Between 401 and 500 kWh	3,854	12.0%	87.5%	\$ 53.77	\$ 60.24	\$ 6.47	12.03%	5
6	Between 501 and 600 kWh	2,034	6.3%	93.8%	\$ 72.11	\$ 80.11	\$ 8.00	11.09%	6
7	Between 601 and 700 kWh	1,027	3.2%	97.0%	\$ 92.32	\$ 101.82	\$ 9.50	10.29%	7
8	Between 701 and 800 kWh	487	1.5%	98.5%	\$ 114.21	\$ 125.60	\$ 11.39	9.97%	8
9	Between 801 and 900 kWh	253	0.8%	99.3%	\$ 136.94	\$ 150.50	\$ 13.56	9.90%	9
10	Between 901 and 1000 kWh	127	0.4%	99.7%	\$ 159.83	\$ 175.69	\$ 15.86	9.92%	10
11	Between 1001 and 1100 kWh	57	0.2%	99.8%	\$ 183.41	\$ 201.40	\$ 17.99	9.81%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 207.14	\$ 228.04	\$ 20.90	10.09%	12
13	Between 1201 and 1300 kWh	10	0.0%	99.9%	\$ 230.09	\$ 253.46	\$ 23.37	10.16%	13
14	Between 1301 and 1400 kWh	7	0.0%	100.0%	\$ 256.39	\$ 283.69	\$ 27.30	10.65%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 276.33	\$ 306.35	\$ 30.02	10.86%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 318.72	\$ 352.39	\$ 33.67	10.56%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 463.94	\$ 510.44	\$ 46.50	10.02%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 6,552.17	\$ 7,298.60	\$ 746.43	11.39%	19
	Total	32,178	100.0%	100.0%	\$ 37.12	\$ 41.62	\$ 4.50	12.12%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	970	3.0%	3.0%	\$ 5.59	\$ 6.67	\$ 1.08	19.32%	1
2	Between 101 and 200 kWh	7,265	22.6%	25.6%	\$ 13.59	\$ 15.38	\$ 1.79	13.17%	2
3	Between 201 and 300 kWh	9,547	29.7%	55.3%	\$ 23.08	\$ 25.63	\$ 2.55	11.05%	3
4	Between 301 and 400 kWh	6,501	20.2%	75.5%	\$ 33.34	\$ 36.75	\$ 3.41	10.23%	4
5	Between 401 and 500 kWh	3,635	11.3%	86.8%	\$ 44.35	\$ 48.90	\$ 4.55	10.26%	5
6	Between 501 and 600 kWh	1,913	5.9%	92.7%	\$ 57.64	\$ 63.36	\$ 5.72	9.92%	6
7	Between 601 and 700 kWh	1,024	3.2%	95.9%	\$ 74.47	\$ 81.56	\$ 7.09	9.52%	7
8	Between 701 and 800 kWh	560	1.7%	97.6%	\$ 95.26	\$ 103.97	\$ 8.71	9.14%	8
9	Between 801 and 900 kWh	326	1.0%	98.6%	\$ 117.19	\$ 127.79	\$ 10.60	9.05%	9
10	Between 901 and 1000 kWh	200	0.6%	99.3%	\$ 139.65	\$ 151.22	\$ 11.57	8.28%	10
11	Between 1001 and 1100 kWh	115	0.4%	99.6%	\$ 161.64	\$ 173.53	\$ 11.89	7.36%	11
12	Between 1101 and 1200 kWh	53	0.2%	99.8%	\$ 183.23	\$ 199.58	\$ 16.35	8.92%	12
13	Between 1201 and 1300 kWh	30	0.1%	99.9%	\$ 206.78	\$ 223.09	\$ 16.31	7.89%	13
14	Between 1301 and 1400 kWh	14	0.0%	99.9%	\$ 228.63	\$ 250.56	\$ 21.93	9.59%	14
15	Between 1401 and 1500 kWh	9	0.0%	100.0%	\$ 250.01	\$ 275.75	\$ 25.74	10.30%	15
16	Between 1501 and 2000 kWh	12	0.0%	100.0%	\$ 297.00	\$ 323.37	\$ 26.37	8.88%	16
17	Between 2001 and 2500 kWh	3	0.0%	100.0%	\$ 400.10	\$ 410.13	\$ 10.03	2.51%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ 535.07	\$ 535.07	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 6,032.64	\$ 6,433.69	\$ 401.05	6.65%	19
	Total	32,178	100.0%	100.0%	\$ 32.92	\$ 35.38	\$ 2.46	7.47%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,277	4.0%	4.0%	\$ 5.92	\$ 6.75	\$ 0.83	14.02%	1
2	Between 101 and 200 kWh	7,266	22.6%	26.5%	\$ 15.15	\$ 17.78	\$ 2.63	17.36%	2
3	Between 201 and 300 kWh	8,938	27.8%	54.3%	\$ 25.97	\$ 30.50	\$ 4.53	17.44%	3
4	Between 301 and 400 kWh	6,493	20.2%	74.5%	\$ 40.09	\$ 46.92	\$ 6.83	17.04%	4
5	Between 401 and 500 kWh	3,824	11.9%	86.4%	\$ 61.18	\$ 71.82	\$ 10.64	17.39%	5
6	Between 501 and 600 kWh	2,101	6.5%	92.9%	\$ 84.89	\$ 99.97	\$ 15.08	17.76%	6
7	Between 601 and 700 kWh	1,168	3.6%	96.5%	\$ 109.42	\$ 128.55	\$ 19.13	17.48%	7
8	Between 701 and 800 kWh	593	1.8%	98.4%	\$ 133.31	\$ 157.07	\$ 23.76	17.82%	8
9	Between 801 and 900 kWh	293	0.9%	99.3%	\$ 157.78	\$ 185.79	\$ 28.01	17.75%	9
10	Between 901 and 1000 kWh	126	0.4%	99.7%	\$ 182.92	\$ 215.70	\$ 32.78	17.92%	10
11	Between 1001 and 1100 kWh	56	0.2%	99.9%	\$ 207.13	\$ 244.67	\$ 37.54	18.12%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 231.44	\$ 274.35	\$ 42.91	18.54%	12
13	Between 1201 and 1300 kWh	4	0.0%	99.9%	\$ 260.17	\$ 296.83	\$ 36.66	14.09%	13
14	Between 1301 and 1400 kWh	5	0.0%	99.9%	\$ 281.91	\$ 326.53	\$ 44.62	15.83%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 307.42	\$ 360.55	\$ 53.13	17.28%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 349.63	\$ 419.05	\$ 69.42	19.86%	16
17	Between 2001 and 2500 kWh	4	0.0%	100.0%	\$ 501.21	\$ 609.08	\$ 107.87	21.52%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 7,071.69	\$ 8,509.48	\$ 1,437.79	20.33%	19
	Total	32,178	100.0%	100.0%	\$ 41.32	\$ 50.36	\$ 9.04	21.88%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A-15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,526	2.0%	2.0%	\$ 6.86	\$ 7.85	\$ 0.99	14.43%	1
2	Between 101 and 200 kWh	9,290	12.1%	14.1%	\$ 14.76	\$ 16.88	\$ 2.12	14.36%	2
3	Between 201 and 300 kWh	15,107	19.8%	33.9%	\$ 25.58	\$ 29.07	\$ 3.49	13.64%	3
4	Between 301 and 400 kWh	15,278	20.0%	53.9%	\$ 38.86	\$ 44.09	\$ 5.23	13.46%	4
5	Between 401 and 500 kWh	12,742	16.7%	70.5%	\$ 56.46	\$ 64.05	\$ 7.59	13.44%	5
6	Between 501 and 600 kWh	9,043	11.8%	82.4%	\$ 77.96	\$ 88.37	\$ 10.41	13.35%	6
7	Between 601 and 700 kWh	6,032	7.9%	90.2%	\$ 100.76	\$ 113.99	\$ 13.23	13.13%	7
8	Between 701 and 800 kWh	3,503	4.6%	94.8%	\$ 123.77	\$ 139.70	\$ 15.93	12.87%	8
9	Between 801 and 900 kWh	1,995	2.6%	97.4%	\$ 146.96	\$ 165.47	\$ 18.51	12.60%	9
10	Between 901 and 1000 kWh	935	1.2%	98.7%	\$ 170.71	\$ 191.82	\$ 21.11	12.37%	10
11	Between 1001 and 1100 kWh	446	0.6%	99.2%	\$ 194.44	\$ 218.18	\$ 23.74	12.21%	11
12	Between 1101 and 1200 kWh	226	0.3%	99.5%	\$ 217.67	\$ 244.87	\$ 27.20	12.50%	12
13	Between 1201 and 1300 kWh	118	0.2%	99.7%	\$ 244.90	\$ 275.29	\$ 30.39	12.41%	13
14	Between 1301 and 1400 kWh	79	0.1%	99.8%	\$ 266.85	\$ 299.96	\$ 33.11	12.41%	14
15	Between 1401 and 1500 kWh	59	0.1%	99.9%	\$ 288.81	\$ 323.98	\$ 35.17	12.18%	15
16	Between 1501 and 2000 kWh	82	0.1%	100.0%	\$ 343.53	\$ 384.71	\$ 41.18	11.99%	16
17	Between 2001 and 2500 kWh	13	0.0%	100.0%	\$ 474.28	\$ 533.25	\$ 58.97	12.43%	17
18	Between 2501 and 3000 kWh	6	0.0%	100.0%	\$ 600.71	\$ 673.85	\$ 73.14	12.18%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 743.90	\$ 831.83	\$ 87.93	11.82%	19
	Total	76,483	100.0%	100.0%	\$ 56.08	\$ 63.49	\$ 7.41	13.21%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,300	3.0%	3.0%	\$ 5.92	\$ 7.25	\$ 1.33	22.47%	1
2	Between 101 and 200 kWh	12,042	15.7%	18.8%	\$ 13.69	\$ 15.50	\$ 1.81	13.22%	2
3	Between 201 and 300 kWh	17,373	22.7%	41.5%	\$ 23.55	\$ 26.24	\$ 2.69	11.42%	3
4	Between 301 and 400 kWh	15,947	20.9%	62.3%	\$ 35.46	\$ 39.29	\$ 3.83	10.80%	4
5	Between 401 and 500 kWh	11,563	15.1%	77.4%	\$ 53.03	\$ 58.14	\$ 5.11	9.64%	5
6	Between 501 and 600 kWh	7,469	9.8%	87.2%	\$ 74.77	\$ 81.35	\$ 6.58	8.80%	6
7	Between 601 and 700 kWh	4,416	5.8%	93.0%	\$ 96.92	\$ 105.30	\$ 8.38	8.65%	7
8	Between 701 and 800 kWh	2,473	3.2%	96.2%	\$ 119.00	\$ 129.02	\$ 10.02	8.42%	8
9	Between 801 and 900 kWh	1,343	1.8%	98.0%	\$ 141.27	\$ 153.11	\$ 11.84	8.38%	9
10	Between 901 and 1000 kWh	731	1.0%	98.9%	\$ 162.66	\$ 175.73	\$ 13.07	8.04%	10
11	Between 1001 and 1100 kWh	340	0.4%	99.4%	\$ 184.41	\$ 199.35	\$ 14.94	8.10%	11
12	Between 1101 and 1200 kWh	202	0.3%	99.6%	\$ 206.29	\$ 223.54	\$ 17.25	8.36%	12
13	Between 1201 and 1300 kWh	99	0.1%	99.8%	\$ 228.21	\$ 249.10	\$ 20.89	9.15%	13
14	Between 1301 and 1400 kWh	63	0.1%	99.8%	\$ 253.71	\$ 273.21	\$ 19.50	7.69%	14
15	Between 1401 and 1500 kWh	40	0.1%	99.9%	\$ 270.40	\$ 291.82	\$ 21.42	7.92%	15
16	Between 1501 and 2000 kWh	63	0.1%	100.0%	\$ 322.00	\$ 349.04	\$ 27.04	8.40%	16
17	Between 2001 and 2500 kWh	12	0.0%	100.0%	\$ 445.98	\$ 480.97	\$ 34.99	7.85%	17
18	Between 2501 and 3000 kWh	3	0.0%	100.0%	\$ 547.75	\$ 588.04	\$ 40.29	7.36%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 821.90	\$ 801.59	\$ (20.31)	-2.47%	19
	Total	76,483	100.0%	100.0%	\$ 46.29	\$ 49.73	\$ 3.44	7.43%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,301	3.0%	3.0%	\$ 5.95	\$ 6.53	\$ 0.58	9.75%	1
2	Between 101 and 200 kWh	8,072	10.6%	13.6%	\$ 15.38	\$ 17.98	\$ 2.60	16.91%	2
3	Between 201 and 300 kWh	12,933	16.9%	30.5%	\$ 26.24	\$ 30.82	\$ 4.58	17.45%	3
4	Between 301 and 400 kWh	13,430	17.6%	48.0%	\$ 38.98	\$ 45.54	\$ 6.56	16.83%	4
5	Between 401 and 500 kWh	11,888	15.5%	63.6%	\$ 56.72	\$ 66.01	\$ 9.29	16.38%	5
6	Between 501 and 600 kWh	9,185	12.0%	75.6%	\$ 79.11	\$ 92.46	\$ 13.35	16.88%	6
7	Between 601 and 700 kWh	6,742	8.8%	84.4%	\$ 103.03	\$ 120.71	\$ 17.68	17.16%	7
8	Between 701 and 800 kWh	4,674	6.1%	90.5%	\$ 127.22	\$ 149.43	\$ 22.21	17.46%	8
9	Between 801 and 900 kWh	3,191	4.2%	94.7%	\$ 151.55	\$ 178.20	\$ 26.65	17.58%	9
10	Between 901 and 1000 kWh	1,929	2.5%	97.2%	\$ 176.09	\$ 206.95	\$ 30.86	17.53%	10
11	Between 1001 and 1100 kWh	973	1.3%	98.5%	\$ 200.34	\$ 235.29	\$ 34.95	17.45%	11
12	Between 1101 and 1200 kWh	432	0.6%	99.0%	\$ 225.33	\$ 264.02	\$ 38.69	17.17%	12
13	Between 1201 and 1300 kWh	215	0.3%	99.3%	\$ 250.74	\$ 293.39	\$ 42.65	17.01%	13
14	Between 1301 and 1400 kWh	156	0.2%	99.5%	\$ 276.24	\$ 322.90	\$ 46.66	16.89%	14
15	Between 1401 and 1500 kWh	103	0.1%	99.7%	\$ 300.49	\$ 351.99	\$ 51.50	17.14%	15
16	Between 1501 and 2000 kWh	202	0.3%	99.9%	\$ 359.04	\$ 418.02	\$ 58.98	16.43%	16
17	Between 2001 and 2500 kWh	37	0.0%	100.0%	\$ 480.56	\$ 568.18	\$ 87.62	18.23%	17
18	Between 2501 and 3000 kWh	10	0.0%	100.0%	\$ 603.32	\$ 735.00	\$ 131.68	21.83%	18
19	> 3000 kWh	10	0.0%	100.0%	\$ 789.02	\$ 957.13	\$ 168.11	21.31%	19
	Total	76,483	100.0%	100.0%	\$ 65.88	\$ 82.77	\$ 16.89	25.64%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)**  
Schedule DRLI (Annual, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	517	1.2%	1.2%	\$ 6.32	\$ 7.30	\$ 0.98	15.51%	1
2	Between 101 and 200 kWh	4,892	11.8%	13.1%	\$ 14.93	\$ 17.04	\$ 2.11	14.13%	2
3	Between 201 and 300 kWh	9,837	23.8%	36.8%	\$ 25.11	\$ 28.52	\$ 3.41	13.58%	3
4	Between 301 and 400 kWh	9,521	23.0%	59.8%	\$ 37.36	\$ 42.35	\$ 4.99	13.36%	4
5	Between 401 and 500 kWh	6,981	16.9%	76.7%	\$ 52.51	\$ 59.42	\$ 6.91	13.16%	5
6	Between 501 and 600 kWh	4,127	10.0%	86.7%	\$ 70.03	\$ 78.80	\$ 8.77	12.52%	6
7	Between 601 and 700 kWh	2,335	5.6%	92.3%	\$ 88.21	\$ 98.49	\$ 10.28	11.65%	7
8	Between 701 and 800 kWh	1,380	3.3%	95.6%	\$ 107.99	\$ 119.72	\$ 11.73	10.86%	8
9	Between 801 and 900 kWh	771	1.9%	97.5%	\$ 129.84	\$ 143.48	\$ 13.64	10.51%	9
10	Between 901 and 1000 kWh	408	1.0%	98.5%	\$ 152.00	\$ 167.53	\$ 15.53	10.22%	10
11	Between 1001 and 1100 kWh	233	0.6%	99.0%	\$ 174.88	\$ 192.54	\$ 17.66	10.10%	11
12	Between 1101 and 1200 kWh	150	0.4%	99.4%	\$ 198.41	\$ 218.75	\$ 20.34	10.25%	12
13	Between 1201 and 1300 kWh	90	0.2%	99.6%	\$ 222.18	\$ 245.24	\$ 23.06	10.38%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 246.05	\$ 271.88	\$ 25.83	10.50%	14
15	Between 1401 and 1500 kWh	29	0.1%	99.8%	\$ 270.63	\$ 299.17	\$ 28.54	10.55%	15
16	Between 1501 and 2000 kWh	57	0.1%	100.0%	\$ 322.92	\$ 357.17	\$ 34.25	10.61%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 447.07	\$ 496.65	\$ 49.58	11.09%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 569.51	\$ 635.79	\$ 66.28	11.64%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	41,398	100.0%	100.0%	\$ 48.06	\$ 54.05	\$ 5.99	12.46%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)**  
Schedule DRLI (Winter, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	792	1.9%	1.9%	\$ 5.54	\$ 6.71	\$ 1.17	21.12%	1
2	Between 101 and 200 kWh	6,418	15.5%	17.4%	\$ 13.91	\$ 15.71	\$ 1.80	12.94%	2
3	Between 201 and 300 kWh	11,064	26.7%	44.1%	\$ 23.33	\$ 25.89	\$ 2.56	10.97%	3
4	Between 301 and 400 kWh	9,215	22.3%	66.4%	\$ 33.49	\$ 36.88	\$ 3.39	10.12%	4
5	Between 401 and 500 kWh	5,814	14.0%	80.4%	\$ 44.02	\$ 48.38	\$ 4.36	9.90%	5
6	Between 501 and 600 kWh	3,143	7.6%	88.0%	\$ 55.50	\$ 61.04	\$ 5.54	9.98%	6
7	Between 601 and 700 kWh	1,842	4.4%	92.5%	\$ 69.79	\$ 76.29	\$ 6.50	9.31%	7
8	Between 701 and 800 kWh	1,118	2.7%	95.2%	\$ 87.51	\$ 95.57	\$ 8.06	9.21%	8
9	Between 801 and 900 kWh	717	1.7%	96.9%	\$ 108.34	\$ 117.49	\$ 9.15	8.45%	9
10	Between 901 and 1000 kWh	430	1.0%	98.0%	\$ 129.48	\$ 140.73	\$ 11.25	8.69%	10
11	Between 1001 and 1100 kWh	267	0.6%	98.6%	\$ 152.75	\$ 164.95	\$ 12.20	7.99%	11
12	Between 1101 and 1200 kWh	197	0.5%	99.1%	\$ 174.32	\$ 189.78	\$ 15.46	8.87%	12
13	Between 1201 and 1300 kWh	139	0.3%	99.4%	\$ 197.01	\$ 212.29	\$ 15.28	7.76%	13
14	Between 1301 and 1400 kWh	73	0.2%	99.6%	\$ 218.84	\$ 237.70	\$ 18.86	8.62%	14
15	Between 1401 and 1500 kWh	49	0.1%	99.7%	\$ 241.60	\$ 263.72	\$ 22.12	9.16%	15
16	Between 1501 and 2000 kWh	94	0.2%	99.9%	\$ 293.54	\$ 318.46	\$ 24.92	8.49%	16
17	Between 2001 and 2500 kWh	22	0.1%	100.0%	\$ 407.85	\$ 441.03	\$ 33.18	8.14%	17
18	Between 2501 and 3000 kWh	3	0.0%	100.0%	\$ 542.22	\$ 559.13	\$ 16.91	3.12%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 610.68	\$ -	\$ (610.68)	-100.00%	19
	Total	41,398	100.0%	100.0%	\$ 39.12	\$ 41.98	\$ 2.86	7.31%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(INLAND CUSTOMERS)**  
Schedule DRLI (Summer, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	903	2.2%	2.2%	\$ 5.92	\$ 6.68	\$ 0.76	12.84%	1
2	Between 101 and 200 kWh	4,759	11.5%	13.7%	\$ 15.54	\$ 18.16	\$ 2.62	16.86%	2
3	Between 201 and 300 kWh	8,393	20.3%	34.0%	\$ 26.26	\$ 30.84	\$ 4.58	17.44%	3
4	Between 301 and 400 kWh	8,704	21.0%	55.0%	\$ 38.74	\$ 45.23	\$ 6.49	16.75%	4
5	Between 401 and 500 kWh	6,711	16.2%	71.2%	\$ 56.10	\$ 65.27	\$ 9.17	16.35%	5
6	Between 501 and 600 kWh	4,654	11.2%	82.4%	\$ 78.14	\$ 91.36	\$ 13.22	16.92%	6
7	Between 601 and 700 kWh	3,021	7.3%	89.7%	\$ 101.56	\$ 119.17	\$ 17.61	17.34%	7
8	Between 701 and 800 kWh	1,818	4.4%	94.1%	\$ 126.01	\$ 148.18	\$ 22.17	17.59%	8
9	Between 801 and 900 kWh	1,094	2.6%	96.8%	\$ 150.57	\$ 176.74	\$ 26.17	17.38%	9
10	Between 901 and 1000 kWh	640	1.5%	98.3%	\$ 174.90	\$ 205.74	\$ 30.84	17.63%	10
11	Between 1001 and 1100 kWh	323	0.8%	99.1%	\$ 198.95	\$ 233.90	\$ 34.95	17.57%	11
12	Between 1101 and 1200 kWh	147	0.4%	99.4%	\$ 223.36	\$ 262.52	\$ 39.16	17.53%	12
13	Between 1201 and 1300 kWh	75	0.2%	99.6%	\$ 248.82	\$ 292.26	\$ 43.44	16.99%	13
14	Between 1301 and 1400 kWh	39	0.1%	99.7%	\$ 276.66	\$ 321.81	\$ 45.15	16.32%	14
15	Between 1401 and 1500 kWh	28	0.1%	99.8%	\$ 298.89	\$ 350.13	\$ 51.24	17.14%	15
16	Between 1501 and 2000 kWh	72	0.2%	100.0%	\$ 351.55	\$ 417.48	\$ 65.93	18.75%	16
17	Between 2001 and 2500 kWh	10	0.0%	100.0%	\$ 489.96	\$ 569.44	\$ 79.48	16.22%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 621.42	\$ 706.81	\$ 85.39	13.74%	18
19	> 3000 kWh	2	0.0%	100.0%	\$ 749.97	\$ 871.47	\$ 121.50	16.20%	19
	Total	41,398	100.0%	100.0%	\$ 56.99	\$ 70.94	\$ 13.95	24.48%	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	47	3.8%	3.8%	\$ 4.50	\$ 4.96	\$ 0.46	10.22%	1
2	Between 101 and 200 kWh	51	4.1%	7.9%	\$ 15.89	\$ 18.00	\$ 2.11	13.28%	2
3	Between 201 and 300 kWh	96	7.8%	15.7%	\$ 26.06	\$ 29.39	\$ 3.33	12.78%	3
4	Between 301 and 400 kWh	117	9.5%	25.1%	\$ 37.89	\$ 42.59	\$ 4.70	12.40%	4
5	Between 401 and 500 kWh	182	14.7%	39.8%	\$ 50.44	\$ 56.61	\$ 6.17	12.23%	5
6	Between 501 and 600 kWh	162	13.1%	52.9%	\$ 66.54	\$ 74.67	\$ 8.13	12.22%	6
7	Between 601 and 700 kWh	160	12.9%	65.8%	\$ 85.71	\$ 96.29	\$ 10.58	12.34%	7
8	Between 701 and 800 kWh	120	9.7%	75.5%	\$ 106.45	\$ 119.41	\$ 12.96	12.17%	8
9	Between 801 and 900 kWh	105	8.5%	84.0%	\$ 126.31	\$ 141.49	\$ 15.18	12.02%	9
10	Between 901 and 1000 kWh	64	5.2%	89.2%	\$ 148.83	\$ 166.14	\$ 17.31	11.63%	10
11	Between 1001 and 1100 kWh	52	4.2%	93.4%	\$ 170.82	\$ 190.05	\$ 19.23	11.26%	11
12	Between 1101 and 1200 kWh	32	2.6%	96.0%	\$ 187.15	\$ 207.53	\$ 20.38	10.89%	12
13	Between 1201 and 1300 kWh	13	1.1%	97.0%	\$ 215.94	\$ 240.76	\$ 24.82	11.49%	13
14	Between 1301 and 1400 kWh	13	1.1%	98.1%	\$ 237.18	\$ 263.12	\$ 25.94	10.94%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.8%	\$ 260.98	\$ 290.58	\$ 29.60	11.34%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.9%	\$ 313.60	\$ 347.65	\$ 34.05	10.86%	16
17	Between 2001 and 2500 kWh	1	0.1%	100.0%	\$ 429.29	\$ 482.72	\$ 53.43	12.45%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 84.91</b>	<b>\$ 95.01</b>	<b>\$ 10.10</b>	<b>11.89%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	55	4.4%	4.4%	\$ 3.89	\$ 4.92	\$ 1.03	26.48%	1
2	Between 101 and 200 kWh	49	4.0%	8.4%	\$ 14.70	\$ 16.78	\$ 2.08	14.15%	2
3	Between 201 and 300 kWh	92	7.4%	15.8%	\$ 24.82	\$ 28.15	\$ 3.33	13.42%	3
4	Between 301 and 400 kWh	128	10.3%	26.2%	\$ 35.38	\$ 38.39	\$ 3.01	8.51%	4
5	Between 401 and 500 kWh	177	14.3%	40.5%	\$ 46.65	\$ 51.01	\$ 4.36	9.35%	5
6	Between 501 and 600 kWh	155	12.5%	53.0%	\$ 62.34	\$ 69.07	\$ 6.73	10.80%	6
7	Between 601 and 700 kWh	145	11.7%	64.7%	\$ 81.57	\$ 88.01	\$ 6.44	7.90%	7
8	Between 701 and 800 kWh	110	8.9%	73.6%	\$ 100.66	\$ 110.19	\$ 9.53	9.47%	8
9	Between 801 and 900 kWh	88	7.1%	80.7%	\$ 120.03	\$ 130.23	\$ 10.20	8.50%	9
10	Between 901 and 1000 kWh	72	5.8%	86.5%	\$ 137.70	\$ 147.31	\$ 9.61	6.98%	10
11	Between 1001 and 1100 kWh	49	4.0%	90.5%	\$ 151.83	\$ 164.44	\$ 12.61	8.31%	11
12	Between 1101 and 1200 kWh	32	2.6%	93.1%	\$ 176.86	\$ 186.54	\$ 9.68	5.47%	12
13	Between 1201 and 1300 kWh	30	2.4%	95.5%	\$ 197.40	\$ 216.96	\$ 19.56	9.91%	13
14	Between 1301 and 1400 kWh	17	1.4%	96.8%	\$ 224.64	\$ 235.82	\$ 11.18	4.98%	14
15	Between 1401 and 1500 kWh	12	1.0%	97.8%	\$ 238.06	\$ 252.51	\$ 14.45	6.07%	15
16	Between 1501 and 2000 kWh	20	1.6%	99.4%	\$ 280.49	\$ 311.15	\$ 30.66	10.93%	16
17	Between 2001 and 2500 kWh	7	0.6%	100.0%	\$ 423.32	\$ 436.92	\$ 13.60	3.21%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>200.0%</b>	<b>\$ 83.45</b>	<b>\$ 87.78</b>	<b>\$ 4.33</b>	<b>5.19%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	64	5.2%	5.2%	\$ 4.48	\$ 4.63	\$ 0.15	3.35%	1
2	Between 101 and 200 kWh	67	5.4%	10.6%	\$ 15.60	\$ 18.93	\$ 3.33	21.35%	2
3	Between 201 and 300 kWh	104	8.4%	19.0%	\$ 26.46	\$ 31.03	\$ 4.57	17.27%	3
4	Between 301 and 400 kWh	153	12.4%	31.3%	\$ 38.47	\$ 44.64	\$ 6.17	16.04%	4
5	Between 401 and 500 kWh	148	12.0%	43.3%	\$ 50.39	\$ 58.44	\$ 8.05	15.98%	5
6	Between 501 and 600 kWh	144	11.6%	54.9%	\$ 65.95	\$ 76.78	\$ 10.83	16.42%	6
7	Between 601 and 700 kWh	130	10.5%	65.4%	\$ 87.17	\$ 102.11	\$ 14.94	17.14%	7
8	Between 701 and 800 kWh	111	9.0%	74.4%	\$ 109.11	\$ 129.48	\$ 20.37	18.67%	8
9	Between 801 and 900 kWh	112	9.0%	83.4%	\$ 132.31	\$ 157.91	\$ 25.60	19.35%	9
10	Between 901 and 1000 kWh	74	6.0%	89.4%	\$ 156.72	\$ 185.81	\$ 29.09	18.56%	10
11	Between 1001 and 1100 kWh	43	3.5%	92.9%	\$ 183.92	\$ 212.11	\$ 28.19	15.33%	11
12	Between 1101 and 1200 kWh	28	2.3%	95.2%	\$ 205.71	\$ 242.65	\$ 36.94	17.96%	12
13	Between 1201 and 1300 kWh	18	1.5%	96.6%	\$ 227.84	\$ 273.24	\$ 45.40	19.93%	13
14	Between 1301 and 1400 kWh	20	1.6%	98.2%	\$ 255.99	\$ 298.28	\$ 42.29	16.52%	14
15	Between 1401 and 1500 kWh	6	0.5%	98.7%	\$ 277.93	\$ 333.17	\$ 55.24	19.88%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.8%	\$ 332.27	\$ 396.20	\$ 63.93	19.24%	16
17	Between 2001 and 2500 kWh	2	0.2%	100.0%	\$ 468.47	\$ 569.86	\$ 101.39	21.64%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 86.37</b>	<b>\$ 105.12</b>	<b>\$ 18.75</b>	<b>21.71%</b>	

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	1.4%	1.4%	\$ 3.42	\$ 3.83	\$ 0.41	11.99%	1
2	Between 101 and 200 kWh	9	1.6%	3.1%	\$ 18.21	\$ 20.45	\$ 2.24	12.30%	2
3	Between 201 and 300 kWh	21	3.8%	6.9%	\$ 25.59	\$ 28.81	\$ 3.22	12.58%	3
4	Between 301 and 400 kWh	41	7.4%	14.3%	\$ 34.92	\$ 39.19	\$ 4.27	12.23%	4
5	Between 401 and 500 kWh	52	9.4%	23.7%	\$ 47.16	\$ 52.74	\$ 5.58	11.83%	5
6	Between 501 and 600 kWh	55	10.0%	33.7%	\$ 58.91	\$ 66.04	\$ 7.13	12.10%	6
7	Between 601 and 700 kWh	56	10.1%	43.8%	\$ 74.01	\$ 82.33	\$ 8.32	11.24%	7
8	Between 701 and 800 kWh	56	10.1%	54.0%	\$ 86.89	\$ 96.68	\$ 9.79	11.27%	8
9	Between 801 and 900 kWh	49	8.9%	62.9%	\$ 101.37	\$ 112.01	\$ 10.64	10.50%	9
10	Between 901 and 1000 kWh	43	7.8%	70.7%	\$ 122.03	\$ 134.75	\$ 12.72	10.42%	10
11	Between 1001 and 1100 kWh	32	5.8%	76.4%	\$ 139.97	\$ 153.75	\$ 13.78	9.84%	11
12	Between 1101 and 1200 kWh	36	6.5%	83.0%	\$ 161.38	\$ 177.09	\$ 15.71	9.73%	12
13	Between 1201 and 1300 kWh	28	5.1%	88.0%	\$ 183.30	\$ 201.35	\$ 18.05	9.85%	13
14	Between 1301 and 1400 kWh	17	3.1%	91.1%	\$ 207.80	\$ 228.44	\$ 20.64	9.93%	14
15	Between 1401 and 1500 kWh	16	2.9%	94.0%	\$ 233.19	\$ 256.78	\$ 23.59	10.12%	15
16	Between 1501 and 2000 kWh	24	4.3%	98.4%	\$ 279.36	\$ 305.67	\$ 26.31	9.42%	16
17	Between 2001 and 2500 kWh	6	1.1%	99.5%	\$ 396.53	\$ 434.79	\$ 38.26	9.65%	17
18	Between 2501 and 3000 kWh	3	0.5%	100.0%	\$ 508.03	\$ 555.31	\$ 47.28	9.31%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>552</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 109.37</b>	<b>\$ 120.73</b>	<b>\$ 11.36</b>	<b>10.39%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	9	1.6%	1.6%	\$ 3.72	\$ 4.39	\$ 0.67	18.01%	1
2	Between 101 and 200 kWh	8	1.4%	3.1%	\$ 15.98	\$ 16.84	\$ 0.86	5.38%	2
3	Between 201 and 300 kWh	33	6.0%	9.1%	\$ 24.64	\$ 27.50	\$ 2.86	11.61%	3
4	Between 301 and 400 kWh	26	4.7%	13.8%	\$ 34.15	\$ 37.20	\$ 3.05	8.93%	4
5	Between 401 and 500 kWh	40	7.2%	21.0%	\$ 44.87	\$ 49.29	\$ 4.42	9.85%	5
6	Between 501 and 600 kWh	57	10.3%	31.3%	\$ 55.45	\$ 60.65	\$ 5.20	9.38%	6
7	Between 601 and 700 kWh	47	8.5%	39.9%	\$ 65.37	\$ 70.94	\$ 5.57	8.52%	7
8	Between 701 and 800 kWh	37	6.7%	46.6%	\$ 76.80	\$ 83.74	\$ 6.94	9.04%	8
9	Between 801 and 900 kWh	49	8.9%	55.4%	\$ 89.48	\$ 98.52	\$ 9.04	10.10%	9
10	Between 901 and 1000 kWh	48	8.7%	64.1%	\$ 103.78	\$ 114.26	\$ 10.48	10.10%	10
11	Between 1001 and 1100 kWh	38	6.9%	71.0%	\$ 118.46	\$ 130.01	\$ 11.55	9.75%	11
12	Between 1101 and 1200 kWh	37	6.7%	77.7%	\$ 135.61	\$ 145.94	\$ 10.33	7.62%	12
13	Between 1201 and 1300 kWh	28	5.1%	82.8%	\$ 154.43	\$ 169.02	\$ 14.59	9.45%	13
14	Between 1301 and 1400 kWh	28	5.1%	87.9%	\$ 178.47	\$ 189.71	\$ 11.24	6.30%	14
15	Between 1401 and 1500 kWh	16	2.9%	90.8%	\$ 198.06	\$ 216.27	\$ 18.21	9.19%	15
16	Between 1501 and 2000 kWh	33	6.0%	96.7%	\$ 249.62	\$ 271.37	\$ 21.75	8.71%	16
17	Between 2001 and 2500 kWh	12	2.2%	98.9%	\$ 365.51	\$ 401.93	\$ 36.42	9.96%	17
18	Between 2501 and 3000 kWh	4	0.7%	99.6%	\$ 472.40	\$ 526.97	\$ 54.57	11.55%	18
19	> 3000 kWh	2	0.4%	100.0%	\$ 668.17	\$ 665.59	\$ (2.58)	-0.39%	19
	<b>Total</b>	<b>552</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 108.62</b>	<b>\$ 113.67</b>	<b>\$ 5.05</b>	<b>4.65%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	14	2.5%	2.5%	\$ 5.55	\$ 6.13	\$ 0.58	10.45%	1
2	Between 101 and 200 kWh	12	2.2%	4.7%	\$ 17.14	\$ 18.85	\$ 1.71	9.98%	2
3	Between 201 and 300 kWh	29	5.3%	10.0%	\$ 26.44	\$ 31.72	\$ 5.28	19.97%	3
4	Between 301 and 400 kWh	61	11.1%	21.0%	\$ 38.39	\$ 44.96	\$ 6.57	17.11%	4
5	Between 401 and 500 kWh	59	10.7%	31.7%	\$ 48.56	\$ 56.73	\$ 8.17	16.82%	5
6	Between 501 and 600 kWh	51	9.2%	40.9%	\$ 62.21	\$ 73.50	\$ 11.29	18.15%	6
7	Between 601 and 700 kWh	59	10.7%	51.6%	\$ 77.46	\$ 88.83	\$ 11.37	14.68%	7
8	Between 701 and 800 kWh	57	10.3%	62.0%	\$ 96.31	\$ 112.95	\$ 16.64	17.28%	8
9	Between 801 and 900 kWh	39	7.1%	69.0%	\$ 122.13	\$ 142.67	\$ 20.54	16.82%	9
10	Between 901 and 1000 kWh	38	6.9%	75.9%	\$ 145.52	\$ 167.96	\$ 22.44	15.42%	10
11	Between 1001 and 1100 kWh	27	4.9%	80.8%	\$ 165.84	\$ 197.68	\$ 31.84	19.20%	11
12	Between 1101 and 1200 kWh	31	5.6%	86.4%	\$ 192.04	\$ 225.08	\$ 33.04	17.20%	12
13	Between 1201 and 1300 kWh	26	4.7%	91.1%	\$ 216.73	\$ 253.94	\$ 37.21	17.17%	13
14	Between 1301 and 1400 kWh	12	2.2%	93.3%	\$ 242.72	\$ 279.45	\$ 36.73	15.13%	14
15	Between 1401 and 1500 kWh	10	1.8%	95.1%	\$ 265.53	\$ 311.14	\$ 45.61	17.18%	15
16	Between 1501 and 2000 kWh	23	4.2%	99.3%	\$ 325.46	\$ 378.03	\$ 52.57	16.15%	16
17	Between 2001 and 2500 kWh	4	0.7%	100.0%	\$ 470.93	\$ 534.07	\$ 63.14	13.41%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>552</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 110.12</b>	<b>\$ 130.62</b>	<b>\$ 20.50</b>	<b>18.62%</b>	



REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	12	4.6%	4.6%	\$ 6.16	\$ 7.07	\$ 0.91	14.77%	1
2	Between 101 and 200 kWh	16	6.2%	10.8%	\$ 13.93	\$ 15.77	\$ 1.84	13.21%	2
3	Between 201 and 300 kWh	24	9.2%	20.0%	\$ 27.96	\$ 31.76	\$ 3.80	13.59%	3
4	Between 301 and 400 kWh	30	11.5%	31.5%	\$ 39.53	\$ 45.04	\$ 5.51	13.94%	4
5	Between 401 and 500 kWh	32	12.3%	43.8%	\$ 54.51	\$ 62.36	\$ 7.85	14.40%	5
6	Between 501 and 600 kWh	32	12.3%	56.2%	\$ 70.61	\$ 80.65	\$ 10.04	14.22%	6
7	Between 601 and 700 kWh	38	14.6%	70.8%	\$ 93.14	\$ 106.33	\$ 13.19	14.16%	7
8	Between 701 and 800 kWh	21	8.1%	78.8%	\$ 111.61	\$ 128.60	\$ 16.99	15.22%	8
9	Between 801 and 900 kWh	18	6.9%	85.8%	\$ 130.83	\$ 150.65	\$ 19.82	15.15%	9
10	Between 901 and 1000 kWh	13	5.0%	90.8%	\$ 153.21	\$ 174.75	\$ 21.54	14.06%	10
11	Between 1001 and 1100 kWh	12	4.6%	95.4%	\$ 174.08	\$ 198.60	\$ 24.52	14.09%	11
12	Between 1101 and 1200 kWh	6	2.3%	97.7%	\$ 204.96	\$ 233.66	\$ 28.70	14.00%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.5%	\$ 218.90	\$ 246.51	\$ 27.61	12.61%	13
14	Between 1301 and 1400 kWh	1	0.4%	98.8%	\$ 222.76	\$ 247.78	\$ 25.02	11.23%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.8%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	3	1.2%	100.0%	\$ 320.54	\$ 363.66	\$ 43.12	13.45%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 82.03</b>	<b>\$ 93.72</b>	<b>\$ 11.69</b>	<b>14.25%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	19	7.3%	7.3%	\$ 5.54	\$ 7.92	\$ 2.38	42.96%	1
2	Between 101 and 200 kWh	25	9.6%	16.9%	\$ 14.04	\$ 16.90	\$ 2.86	20.37%	2
3	Between 201 and 300 kWh	45	17.3%	34.2%	\$ 23.50	\$ 27.15	\$ 3.65	15.53%	3
4	Between 301 and 400 kWh	51	19.6%	53.8%	\$ 34.49	\$ 38.49	\$ 4.00	11.60%	4
5	Between 401 and 500 kWh	27	10.4%	64.2%	\$ 49.66	\$ 55.61	\$ 5.95	11.98%	5
6	Between 501 and 600 kWh	29	11.2%	75.4%	\$ 68.49	\$ 75.88	\$ 7.39	10.79%	6
7	Between 601 and 700 kWh	22	8.5%	83.8%	\$ 85.24	\$ 96.10	\$ 10.86	12.74%	7
8	Between 701 and 800 kWh	11	4.2%	88.1%	\$ 108.70	\$ 118.52	\$ 9.82	9.03%	8
9	Between 801 and 900 kWh	5	1.9%	90.0%	\$ 132.93	\$ 148.12	\$ 15.19	11.43%	9
10	Between 901 and 1000 kWh	11	4.2%	94.2%	\$ 151.82	\$ 147.01	\$ (4.81)	-3.17%	10
11	Between 1001 and 1100 kWh	6	2.3%	96.5%	\$ 166.95	\$ 181.11	\$ 14.16	8.48%	11
12	Between 1101 and 1200 kWh	3	1.2%	97.7%	\$ 183.97	\$ 205.85	\$ 21.88	11.89%	12
13	Between 1201 and 1300 kWh	4	1.5%	99.2%	\$ 221.08	\$ 239.17	\$ 18.09	8.18%	13
14	Between 1301 and 1400 kWh	0	0.0%	99.2%	\$ -	\$ 213.90	\$ 213.90	-	14
15	Between 1401 and 1500 kWh	1	0.4%	99.6%	\$ 279.23	\$ 286.80	\$ 7.57	2.71%	15
16	Between 1501 and 2000 kWh	1	0.4%	100.0%	\$ 315.80	\$ 350.17	\$ 34.37	10.88%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 57.84</b>	<b>\$ 63.00</b>	<b>\$ 5.16</b>	<b>8.92%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	16	6.2%	6.2%	\$ 5.19	\$ 5.70	\$ 0.51	9.83%	1
2	Between 101 and 200 kWh	18	6.9%	13.1%	\$ 14.07	\$ 16.70	\$ 2.63	18.69%	2
3	Between 201 and 300 kWh	22	8.5%	21.5%	\$ 27.22	\$ 30.77	\$ 3.55	13.04%	3
4	Between 301 and 400 kWh	13	5.0%	26.5%	\$ 38.05	\$ 43.64	\$ 5.59	14.69%	4
5	Between 401 and 500 kWh	20	7.7%	34.2%	\$ 48.46	\$ 58.95	\$ 10.49	21.65%	5
6	Between 501 and 600 kWh	34	13.1%	47.3%	\$ 64.71	\$ 74.09	\$ 9.38	14.50%	6
7	Between 601 and 700 kWh	15	5.8%	53.1%	\$ 88.27	\$ 94.72	\$ 6.45	7.31%	7
8	Between 701 and 800 kWh	26	10.0%	63.1%	\$ 109.52	\$ 124.51	\$ 14.99	13.69%	8
9	Between 801 and 900 kWh	15	5.8%	68.8%	\$ 128.79	\$ 150.28	\$ 21.49	16.69%	9
10	Between 901 and 1000 kWh	19	7.3%	76.2%	\$ 150.51	\$ 176.49	\$ 25.98	17.26%	10
11	Between 1001 and 1100 kWh	14	5.4%	81.5%	\$ 174.50	\$ 204.32	\$ 29.82	17.09%	11
12	Between 1101 and 1200 kWh	14	5.4%	86.9%	\$ 198.04	\$ 240.29	\$ 42.25	21.33%	12
13	Between 1201 and 1300 kWh	16	6.2%	93.1%	\$ 223.36	\$ 257.62	\$ 34.26	15.34%	13
14	Between 1301 and 1400 kWh	7	2.7%	95.8%	\$ 243.48	\$ 292.00	\$ 48.52	19.93%	14
15	Between 1401 and 1500 kWh	4	1.5%	97.3%	\$ 268.29	\$ 312.84	\$ 44.55	16.61%	15
16	Between 1501 and 2000 kWh	6	2.3%	99.6%	\$ 327.97	\$ 401.34	\$ 73.37	22.37%	16
17	Between 2001 and 2500 kWh	1	0.4%	100.0%	\$ 521.41	\$ -	\$ (521.41)	-100.00%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ 669.72	\$ 669.72	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 106.22</b>	<b>\$ 136.74</b>	<b>\$ 30.52</b>	<b>28.73%</b>	



REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.43	\$ 4.72	\$ 0.29	6.55%	1
2	Between 101 and 200 kWh	6	2.9%	4.9%	\$ 13.36	\$ 15.06	\$ 1.70	12.72%	2
3	Between 201 and 300 kWh	12	5.9%	10.8%	\$ 24.88	\$ 28.29	\$ 3.41	13.71%	3
4	Between 301 and 400 kWh	20	9.8%	20.6%	\$ 36.67	\$ 41.35	\$ 4.68	12.76%	4
5	Between 401 and 500 kWh	20	9.8%	30.4%	\$ 46.23	\$ 52.36	\$ 6.13	13.28%	5
6	Between 501 and 600 kWh	17	8.3%	38.7%	\$ 63.65	\$ 72.33	\$ 8.68	13.64%	6
7	Between 601 and 700 kWh	25	12.3%	51.0%	\$ 80.47	\$ 91.54	\$ 11.07	13.76%	7
8	Between 701 and 800 kWh	19	9.3%	60.3%	\$ 91.74	\$ 103.73	\$ 11.99	13.07%	8
9	Between 801 and 900 kWh	25	12.3%	72.5%	\$ 116.71	\$ 132.83	\$ 16.12	13.81%	9
10	Between 901 and 1000 kWh	15	7.4%	79.9%	\$ 134.99	\$ 153.64	\$ 18.65	13.82%	10
11	Between 1001 and 1100 kWh	17	8.3%	88.2%	\$ 150.65	\$ 170.59	\$ 19.94	13.24%	11
12	Between 1101 and 1200 kWh	7	3.4%	91.7%	\$ 175.37	\$ 199.13	\$ 23.76	13.55%	12
13	Between 1201 and 1300 kWh	10	4.9%	96.6%	\$ 197.70	\$ 222.44	\$ 24.74	12.51%	13
14	Between 1301 and 1400 kWh	0	0.0%	96.6%	\$ -	\$ -	\$ -	-	14
15	Between 1401 and 1500 kWh	3	1.5%	98.0%	\$ 240.66	\$ 271.12	\$ 30.46	12.66%	15
16	Between 1501 and 2000 kWh	4	2.0%	100.0%	\$ 302.75	\$ 342.42	\$ 39.67	13.10%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 95.75</b>	<b>\$ 108.52</b>	<b>\$ 12.77</b>	<b>13.34%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.52	\$ 6.42	\$ 1.90	42.04%	1
2	Between 101 and 200 kWh	11	5.4%	7.4%	\$ 13.46	\$ 16.32	\$ 2.86	21.25%	2
3	Between 201 and 300 kWh	17	8.3%	15.7%	\$ 24.42	\$ 26.06	\$ 1.64	6.72%	3
4	Between 301 and 400 kWh	30	14.7%	30.4%	\$ 33.70	\$ 36.74	\$ 3.04	9.02%	4
5	Between 401 and 500 kWh	23	11.3%	41.7%	\$ 44.73	\$ 49.06	\$ 4.33	9.68%	5
6	Between 501 and 600 kWh	27	13.2%	54.9%	\$ 57.39	\$ 60.21	\$ 2.82	4.91%	6
7	Between 601 and 700 kWh	27	13.2%	68.1%	\$ 66.21	\$ 74.00	\$ 7.79	11.77%	7
8	Between 701 and 800 kWh	19	9.3%	77.5%	\$ 78.62	\$ 87.92	\$ 9.30	11.83%	8
9	Between 801 and 900 kWh	18	8.8%	86.3%	\$ 94.96	\$ 102.07	\$ 7.11	7.49%	9
10	Between 901 and 1000 kWh	8	3.9%	90.2%	\$ 116.63	\$ 129.75	\$ 13.12	11.25%	10
11	Between 1001 and 1100 kWh	6	2.9%	93.1%	\$ 137.71	\$ 146.32	\$ 8.61	6.25%	11
12	Between 1101 and 1200 kWh	6	2.9%	96.1%	\$ 159.48	\$ 167.81	\$ 8.33	5.22%	12
13	Between 1201 and 1300 kWh	2	1.0%	97.1%	\$ 172.54	\$ 203.82	\$ 31.28	18.13%	13
14	Between 1301 and 1400 kWh	2	1.0%	98.0%	\$ 200.37	\$ 225.88	\$ 25.51	12.73%	14
15	Between 1401 and 1500 kWh	2	1.0%	99.0%	\$ 227.09	\$ -	\$ (227.09)	-100.00%	15
16	Between 1501 and 2000 kWh	1	0.5%	99.5%	\$ 253.03	\$ 301.97	\$ 48.94	19.34%	16
17	Between 2001 and 2500 kWh	1	0.5%	100.0%	\$ 352.40	\$ -	\$ (352.40)	-100.00%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 67.07</b>	<b>\$ 71.78</b>	<b>\$ 4.71</b>	<b>7.02%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	3.9%	3.9%	\$ 4.61	\$ 4.71	\$ 0.10	2.17%	1
2	Between 101 and 200 kWh	8	3.9%	7.8%	\$ 16.22	\$ 19.35	\$ 3.13	19.30%	2
3	Between 201 and 300 kWh	10	4.9%	12.7%	\$ 25.61	\$ 30.86	\$ 5.25	20.50%	3
4	Between 301 and 400 kWh	17	8.3%	21.1%	\$ 37.10	\$ 43.04	\$ 5.94	16.01%	4
5	Between 401 and 500 kWh	14	6.9%	27.9%	\$ 50.82	\$ 58.84	\$ 8.02	15.78%	5
6	Between 501 and 600 kWh	20	9.8%	37.7%	\$ 61.77	\$ 72.16	\$ 10.39	16.82%	6
7	Between 601 and 700 kWh	9	4.4%	42.2%	\$ 77.11	\$ 90.67	\$ 13.56	17.59%	7
8	Between 701 and 800 kWh	14	6.9%	49.0%	\$ 97.51	\$ 107.51	\$ 10.00	10.26%	8
9	Between 801 and 900 kWh	17	8.3%	57.4%	\$ 115.72	\$ 135.53	\$ 19.81	17.12%	9
10	Between 901 and 1000 kWh	15	7.4%	64.7%	\$ 139.22	\$ 161.40	\$ 22.18	15.93%	10
11	Between 1001 and 1100 kWh	8	3.9%	68.6%	\$ 163.68	\$ 190.32	\$ 26.64	16.28%	11
12	Between 1101 and 1200 kWh	18	8.8%	77.5%	\$ 183.04	\$ 217.60	\$ 34.56	18.88%	12
13	Between 1201 and 1300 kWh	19	9.3%	86.8%	\$ 207.81	\$ 244.30	\$ 36.49	17.56%	13
14	Between 1301 and 1400 kWh	8	3.9%	90.7%	\$ 231.43	\$ 271.33	\$ 39.90	17.24%	14
15	Between 1401 and 1500 kWh	6	2.9%	93.6%	\$ 250.49	\$ 301.95	\$ 51.46	20.54%	15
16	Between 1501 and 2000 kWh	11	5.4%	99.0%	\$ 295.12	\$ 363.73	\$ 68.61	23.25%	16
17	Between 2001 and 2500 kWh	1	0.5%	99.5%	\$ 510.56	\$ -	\$ (510.56)	-100.00%	17
18	Between 2501 and 3000 kWh	1	0.5%	100.0%	\$ 603.76	\$ 685.88	\$ 82.12	13.60%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ 778.32	\$ 778.32	-	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 124.42</b>	<b>\$ 159.96</b>	<b>\$ 35.54</b>	<b>28.56%</b>	

REBUTTAL ATTACHMENT C  
 ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
 Schedule LS1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1784	6.3%	\$11.98	\$13.00	\$1.03	8.6%	1
2	LS1	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	4913	17.2%	\$14.98	\$13.14	-\$1.83	-12.2%	2
3	LS1	5800 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	17	0.1%	\$13.86	\$11.99	-\$1.86	-13.4%	3
4	LS1	5800 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	1383	4.9%	\$21.08	\$17.83	-\$3.24	-15.4%	4
5	LS1	5800 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	33	0.1%	\$10.85	\$12.86	\$2.02	18.6%	5
6	LS1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	9958	34.9%	\$13.98	\$14.74	\$0.77	5.5%	6
7	LS1	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1298	4.6%	\$16.80	\$14.94	-\$1.85	-11.0%	7
8	LS1	9500 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	219	0.8%	\$15.77	\$13.76	-\$2.00	-12.7%	8
9	LS1	9500 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	3195	11.2%	\$22.82	\$19.46	-\$3.35	-14.7%	9
10	LS1	9500 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	58	0.2%	\$12.77	\$14.43	\$1.67	13.1%	10
11	LS1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	890	3.1%	\$16.57	\$17.11	\$0.55	3.3%	11
12	LS1	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	586	2.1%	\$19.30	\$17.18	-\$2.11	-11.0%	12
13	LS1	16000 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	101	0.4%	\$18.29	\$16.10	-\$2.18	-11.9%	13
14	LS1	16000 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	501	1.8%	\$25.29	\$21.71	-\$3.57	-14.1%	14
15	LS1	16000 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	22	0.1%	\$15.26	\$17.08	\$1.83	12.0%	15
16	LS1	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	163	0.6%	\$20.20	\$21.30	\$1.10	5.5%	16
17	LS1	22000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	381	1.3%	\$22.16	\$21.34	-\$0.82	-3.7%	17
18	LS1	22000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	45	0.2%	\$29.41	\$26.88	-\$2.53	-8.6%	18
19	LS1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1125	3.9%	\$23.68	\$25.03	\$1.36	5.7%	19
20	LS1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	266	0.9%	\$25.64	\$25.08	-\$0.55	-2.2%	20
21	LS1	30000 Lumen High Pressure Sodium Vapor Class B2 Regulator Ballast	2	0.0%	\$24.60	\$24.11	-\$0.48	-2.0%	21
22	LS1	30000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	300	1.1%	\$32.73	\$30.02	-\$2.70	-8.3%	22
23	LS1	30000 Lumen High Pressure Sodium Vapor Class C2 Regulator Ballast	62	0.2%	\$22.56	\$25.06	\$2.51	11.1%	23
24	LS1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	17	0.1%	\$31.41	\$32.07	\$0.66	2.1%	24
25	LS1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	5	0.0%	\$34.87	\$32.00	-\$2.87	-8.2%	25
26	LS1	50000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	60	0.2%	\$44.14	\$39.05	-\$5.09	-11.5%	26
27	LS1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	38	0.1%	\$14.18	\$17.25	\$3.07	21.7%	27
28	LS1	8000 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$16.84	\$17.42	\$0.58	3.5%	28
29	LS1	8000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	101	0.4%	\$22.81	\$20.50	-\$2.31	-10.1%	29
30	LS1	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	141	0.5%	\$17.28	\$20.76	\$3.48	20.2%	30
31	LS1	13500 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	17	0.1%	\$19.63	\$20.93	\$1.30	6.6%	31
32	LS1	13500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	181	0.6%	\$25.53	\$23.35	-\$2.18	-8.5%	32
33	LS1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	252	0.9%	\$20.52	\$23.97	\$3.45	16.8%	33
34	LS1	22500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	2	0.0%	\$30.36	\$27.80	-\$2.56	-8.4%	34
35	LS1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	162	0.6%	\$22.60	\$27.31	\$4.71	20.8%	35
36	LS1	33000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	112	0.4%	\$32.52	\$29.71	-\$2.81	-8.6%	36
37	LS1	7000 Lumen Mercury Vapor Class A Reactor Ballast	68	0.2%	\$17.32	\$18.01	\$0.70	4.0%	37
38	LS1	7000 Lumen Mercury Vapor Class A Regulator Ballast	2	0.0%	\$18.17	\$18.78	\$0.61	3.4%	38
39	LS1	20000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$33.04	\$33.26	\$0.22	0.7%	39
40	LS1	32000 Lumen Metal Halide Class C Reactor Ballast	37	0.1%	\$40.36	\$40.24	-\$0.12	-0.3%	40
41		Grand Total	28499	100.0%	\$17.20	\$16.55	-\$0.65	-3.8%	41

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
**Schedule LS2 (Annual Billing Period)**

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS2	4000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1070	0.9%	\$2.41	\$3.58	\$1.17	48.6%	1
2	LS2	4000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	577	0.5%	\$2.81	\$3.97	\$1.16	41.1%	2
3	LS2	4000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$3.93	\$5.07	\$1.14	29.1%	3
4	LS2	5800 Lumen High Pressure Sodium Vapor Class A	70	0.1%	\$5.70	\$6.97	\$1.28	22.4%	4
5	LS2	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	3300	2.7%	\$4.06	\$5.13	\$1.07	26.4%	5
6	LS2	5800 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1455	1.2%	\$4.92	\$5.92	\$1.01	20.5%	6
7	LS2	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	38	0.0%	\$5.58	\$6.62	\$1.04	18.7%	7
8	LS2	5800 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	67	0.1%	\$6.44	\$7.41	\$0.98	15.2%	8
9	LS2	9500 Lumen High Pressure Sodium Vapor Class A	138	0.1%	\$6.42	\$7.63	\$1.21	18.8%	9
10	LS2	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	7776	6.3%	\$5.72	\$6.69	\$0.98	17.0%	10
11	LS2	9500 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	7591	6.1%	\$6.88	\$7.74	\$0.87	12.6%	11
12	LS2	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	129	0.1%	\$7.24	\$8.17	\$0.94	12.9%	12
13	LS2	9500 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	93	0.1%	\$8.39	\$9.23	\$0.85	10.1%	13
14	LS2	16000 Lumen High Pressure Sodium Vapor Class A	169	0.1%	\$9.21	\$10.00	\$0.79	8.5%	14
15	LS2	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2640	2.1%	\$8.32	\$9.07	\$0.75	9.0%	15
16	LS2	16000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	3918	3.2%	\$9.43	\$10.11	\$0.69	7.3%	16
17	LS2	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	15	0.0%	\$9.84	\$10.56	\$0.72	7.3%	17
18	LS2	16000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	20	0.0%	\$10.94	\$11.60	\$0.67	6.1%	18
19	LS2	22000 Lumen High Pressure Sodium Vapor Class A	98	0.1%	\$12.38	\$12.72	\$0.35	2.8%	19
20	LS2	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1888	1.5%	\$11.97	\$12.46	\$0.49	4.1%	20
21	LS2	30000 Lumen High Pressure Sodium Vapor Class A	176	0.1%	\$16.64	\$16.36	-\$0.27	-1.7%	21
22	LS2	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	6234	5.0%	\$15.30	\$15.56	\$0.27	1.7%	22
23	LS2	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	242	0.2%	\$16.81	\$17.05	\$0.25	1.5%	23
24	LS2	37000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	251	0.2%	\$18.67	\$18.69	\$0.03	0.1%	24
25	LS2	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	120	0.1%	\$23.19	\$22.89	-\$0.30	-1.3%	25
26	LS2	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	4	0.0%	\$53.70	\$51.18	-\$2.52	-4.7%	26
27	LS2	1000 Lumen Incandescent Class A	5	0.0%	\$3.54	\$4.62	\$1.09	30.7%	27
28	LS2	2500 Lumen Incandescent Class A	3	0.0%	\$7.88	\$8.68	\$0.80	10.1%	28
29	LS2	4000 Lumen Incandescent Class A	12	0.0%	\$14.37	\$14.68	\$0.31	2.1%	29
30	LS2	3440 Lumen Induction Class A	5086	4.1%	\$1.95	\$3.18	\$1.23	63.1%	30
31	LS2	3495 Lumen Induction Class A	235	0.2%	\$2.41	\$3.58	\$1.17	48.6%	31
32	LS2	3500 Lumen Induction Class A	2053	1.7%	\$2.67	\$3.84	\$1.17	43.8%	32
33	LS2	6000 Lumen Induction Class A	23886	19.3%	\$4.18	\$5.27	\$1.09	26.0%	33
34	LS2	6528 Lumen Induction Class A	1141	0.9%	\$3.92	\$5.01	\$1.09	27.8%	34
35	LS2	8800 Lumen Induction Class A	1497	1.2%	\$4.90	\$5.91	\$1.02	20.8%	35
36	LS2	12000 Lumen Induction Class A	7068	5.7%	\$8.03	\$8.81	\$0.78	9.8%	36
37	LS2	12800 Lumen Induction Class A	2617	2.1%	\$7.32	\$8.16	\$0.84	11.5%	37
38	LS2	16800 Lumen Induction Class A	193	0.2%	\$9.73	\$10.38	\$0.65	6.7%	38
39	LS2	21040 Lumen Induction Class A	1	0.0%	\$12.20	\$12.71	\$0.51	4.2%	39
40	LS2	32640 Lumen Induction Class A	4	0.0%	\$19.51	\$19.48	-\$0.03	-0.1%	40
41	LS2	37.5 Lumen LED Class A	21	0.0%	\$1.87	\$3.04	\$1.18	62.9%	41
42	LS2	42.5 Lumen LED Class A	102	0.1%	\$2.16	\$3.30	\$1.14	52.9%	42
43	LS2	47.5 Lumen LED Class A	2	0.0%	\$2.30	\$3.45	\$1.15	49.9%	43
44	LS2	52.5 Lumen LED Class A	5035	4.1%	\$2.59	\$3.72	\$1.13	43.5%	44
45	LS2	57.5 Lumen LED Class A	1364	1.1%	\$2.88	\$3.97	\$1.09	37.6%	45
46	LS2	62.5 Lumen LED Class A	2	0.0%	\$3.18	\$4.22	\$1.04	32.9%	46
47	LS2	67.5 Lumen LED Class A	205	0.2%	\$3.33	\$4.37	\$1.05	31.5%	47
48	LS2	72.5 Lumen LED Class A	344	0.3%	\$3.62	\$4.62	\$1.01	27.8%	48
49	LS2	77.5 Lumen LED Class A	83	0.1%	\$3.91	\$4.87	\$0.97	24.7%	49
50	LS2	82.5 Lumen LED Class A	2115	1.7%	\$4.19	\$5.13	\$0.94	22.5%	50
51	LS2	87.5 Lumen LED Class A	265	0.2%	\$4.33	\$5.29	\$0.96	22.1%	51
52	LS2	92.5 Lumen LED Class A	1339	1.1%	\$4.61	\$5.52	\$0.91	19.7%	52
53	LS2	97.5 Lumen LED Class A	216	0.2%	\$4.90	\$5.78	\$0.88	17.8%	53
54	LS2	102.5 Lumen LED Class A	361	0.3%	\$5.19	\$6.04	\$0.85	16.5%	54
55	LS2	107.5 Lumen LED Class A	543	0.4%	\$5.34	\$6.18	\$0.85	15.9%	55
56	LS2	112.5 Lumen LED Class A	1731	1.4%	\$5.63	\$6.43	\$0.81	14.3%	56
57	LS2	117.5 Lumen LED Class A	73	0.1%	\$5.92	\$6.69	\$0.78	13.1%	57
58	LS2	127.5 Lumen LED Class A	1027	0.8%	\$6.34	\$7.10	\$0.76	11.9%	58
59	LS2	132.5 Lumen LED Class A	81	0.1%	\$6.63	\$7.36	\$0.73	11.0%	59
60	LS2	137.5 Lumen LED Class A	3803	3.1%	\$6.93	\$7.62	\$0.69	10.0%	60
61	LS2	142.5 Lumen LED Class A	30	0.0%	\$7.08	\$7.75	\$0.68	9.6%	61
62	LS2	147.5 Lumen LED Class A	21	0.0%	\$7.37	\$8.03	\$0.67	9.1%	62
63	LS2	157.5 Lumen LED Class A	4	0.0%	\$7.94	\$8.54	\$0.60	7.6%	63
64	LS2	177.5 Lumen LED Class A	25	0.0%	\$8.96	\$9.45	\$0.49	5.5%	64
65	LS2	182.5 Lumen LED Class A	6	0.0%	\$9.11	\$9.59	\$0.49	5.4%	65
66	LS2	187.5 Lumen LED Class A	8	0.0%	\$9.40	\$9.85	\$0.46	4.9%	66
67	LS2	4800 Lumen Low Pressure Sodium Vapor Class A	687	0.6%	\$2.62	\$4.37	\$1.75	66.8%	67
68	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	525	0.4%	\$3.25	\$4.37	\$1.13	34.7%	68
69	LS2	8000 Lumen Low Pressure Sodium Vapor Class A	323	0.3%	\$3.83	\$5.41	\$1.59	41.4%	69
70	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	7392	6.0%	\$4.32	\$5.38	\$1.06	24.6%	70
71	LS2	13500 Lumen Low Pressure Sodium Vapor Class A	59	0.0%	\$6.89	\$8.03	\$1.14	16.6%	71
72	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	6157	5.0%	\$7.05	\$7.90	\$0.85	12.1%	72
73	LS2	22500 Lumen Low Pressure Sodium Vapor Class A	111	0.1%	\$9.81	\$10.52	\$0.71	7.3%	73
74	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	2721	2.2%	\$10.02	\$10.64	\$0.62	6.2%	74
75	LS2	33000 Lumen Low Pressure Sodium Vapor Class A	1	0.0%	\$11.63	\$12.07	\$0.44	3.8%	75
76	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	3855	3.1%	\$11.49	\$12.05	\$0.56	4.9%	76
77	LS2	7000 Lumen Mercury Vapor Class A	12	0.0%	\$11.00	\$10.70	-\$0.30	-2.7%	77
78	LS2	7000 Lumen Mercury Vapor Class A Reactor Ballast	8	0.0%	\$9.40	\$10.10	\$0.71	7.5%	78
79	LS2	7000 Lumen Mercury Vapor Class A Regulator Ballast	571	0.5%	\$10.25	\$10.87	\$0.62	6.1%	79
80	LS2	7000 Lumen Mercury Vapor Class B Regulator Ballast	50	0.0%	\$11.77	\$12.36	\$0.59	5.0%	80
81	LS2	10000 Lumen Mercury Vapor Class A Regulator Ballast	67	0.1%	\$14.22	\$14.54	\$0.32	2.3%	81
82	LS2	20000 Lumen Mercury Vapor Class A	4	0.0%	\$23.58	\$21.41	-\$2.17	-9.2%	82
83	LS2	20000 Lumen Mercury Vapor Class A Regulator Ballast	195	0.2%	\$22.46	\$22.23	-\$0.23	-1.0%	83
84	LS2	20000 Lumen Mercury Vapor Class B Regulator Ballast	7	0.0%	\$23.97	\$23.72	-\$0.25	-1.0%	84
85	LS2	35000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$38.05	\$36.70	-\$1.34	-3.5%	85
86	LS2	8500 Lumen Metal Halide Class A	253	0.2%	\$6.44	\$7.36	\$0.92	14.2%	86
87	LS2	12000 Lumen Metal Halide Class A Reactor Ballast	45	0.0%	\$10.10	\$10.75	\$0.65	6.4%	87
88	LS2	32000 Lumen Metal Halide Class A Reactor Ballast	12	0.0%	\$21.65	\$21.45	-\$0.20	-0.9%	88
89	Grand Total		123743	100.0%	\$6.30	\$7.20	\$0.91	14.4%	89

REBUTTAL ATTACHMENT C  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule OL1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	OL1	9500 Lumen High Pressure Sodium Vapor Class A	2	0.0%	\$15.25	\$16.73	\$1.49	9.8%	1
2	OL1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2940	45.7%	\$15.25	\$16.73	\$1.49	9.8%	2
3	OL1	16000 Lumen High Pressure Sodium Vapor Class A	3	0.0%	\$17.84	\$19.10	\$1.27	7.1%	3
4	OL1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	535	8.3%	\$17.84	\$19.10	\$1.27	7.1%	4
5	OL1	30000 Lumen High Pressure Sodium Vapor Class A	10	0.2%	\$25.13	\$27.45	\$2.33	9.3%	5
6	OL1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1379	21.5%	\$25.13	\$27.45	\$2.33	9.3%	6
7	OL1	30000 Lumen High Pressure Sodium Vapor Class B	3	0.0%	\$25.93	\$28.61	\$2.69	10.4%	7
8	OL1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	133	2.1%	\$25.93	\$28.61	\$2.69	10.4%	8
9	OL1	50000 Lumen High Pressure Sodium Vapor Class A	32	0.5%	\$32.83	\$34.41	\$1.58	4.8%	9
10	OL1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	235	3.7%	\$32.83	\$34.41	\$1.58	4.8%	10
11	OL1	50000 Lumen High Pressure Sodium Vapor Class B	8	0.1%	\$34.00	\$36.20	\$2.20	6.5%	11
12	OL1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	124	1.9%	\$34.00	\$36.20	\$2.20	6.5%	12
13	OL1	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	5	0.1%	\$64.60	\$63.03	-\$1.57	-2.4%	13
14	OL1	140000 Lumen High Pressure Sodium Vapor Class B	2	0.0%	\$66.65	\$67.32	\$0.67	1.0%	14
15	OL1	140000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	83	1.3%	\$66.65	\$67.32	\$0.67	1.0%	15
16	OL1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	118	1.8%	\$15.95	\$20.40	\$4.45	27.9%	16
17	OL1	13000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	303	4.7%	\$19.13	\$24.21	\$5.08	26.6%	17
18	OL1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	95	1.5%	\$23.17	\$27.56	\$4.39	19.0%	18
19	OL1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	417	6.5%	\$23.90	\$31.49	\$7.59	31.8%	19
20	Grand Total		6427	100.0%	\$20.53	\$22.88	\$2.34	11.4%	20

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule LS3 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Customers	% of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	1
2	-10.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	2
3	-8.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	3
4	-6.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	4
5	-4.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	5
6	-2.0% to 0.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	7
8	2.0% to 4.0%	Metered Usage	0	100.0%	\$0.00	\$0.00	\$0.00	0.0%	8
9	4.0% to 6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	9
10	6.0% to 8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	10
11	8.0% to 10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	11
12	>10%	Metered Usage	147	0.0%	\$12.15	\$13.73	\$1.58	13.0%	12
13	Grand Total		147	100.0%	\$12.15	\$13.73	\$1.58	13.0%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Schedule OL2 (Annual Billing Period)

LINE NO.	Range	Light Type	Number of Customers	% of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	1
2	-10.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	2
3	-8.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	3
4	-6.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	4
5	-4.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	5
6	-2.0% to 0.0%	Metered Usage	0	2.7%	\$0.00	\$0.00	\$0.00	0.0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	7
8	2.0% to 4.0%	Metered Usage	11	97.3%	\$62.48	\$64.86	\$2.38	3.8%	8
9	4.0% to 6.0%	Metered Usage	21	0.0%	\$16.51	\$17.25	\$0.74	4.5%	9
10	6.0% to 8.0%	Metered Usage	3	0.0%	\$4.89	\$5.23	\$0.33	6.8%	10
11	8.0% to 10.0%	Metered Usage	1	0.0%	\$3.52	\$3.80	\$0.28	8.0%	11
12	>10%	Metered Usage	1	0.0%	\$0.96	\$1.15	\$0.19	20.0%	12
13	Grand Total		37	100.0%	\$28.46	\$29.63	\$1.17	4.1%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 1**  
Poles (Annual Billing Period)

LINE NO.	Rate	Pole Type	Number of Poles	% of Poles	August 1, 2016 (Current) (\$)	Rebuttal Year 1 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	30-Foot Pole	73	24.1%	\$4,607.76	\$7,235.76	\$2,628.00	57.0%	1
2	LS1	35-Foot Pole	2	0.7%	\$137.76	\$207.12	\$69.36	50.3%	2
3	OL1	30-Foot Pole	83	27.4%	\$8,007.84	\$13,854.36	\$5,846.52	73.0%	3
4	OL1	35-Foot Pole	145	47.9%	\$15,277.20	\$25,299.60	\$10,022.40	65.6%	4
5	Grand Total		303	100.0%	\$7.71	\$12.82	\$5.11	66.2%	5

**ATTACHMENT D**

**PROPOSED RATES FOR YEAR 2**

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DR</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08062)	0.00000	0.06105	0.00539	0.16485	(0.00021)	0.23108
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08062)	0.00000	0.06105	0.00539	0.16485	(0.00021)	0.23108
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.16485	(0.00021)	0.47654
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.16485	(0.00021)	0.47654
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.01801)	0.00000	0.12366	0.00539	0.06761	(0.00021)	0.19645
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.01801)	0.00000	0.12366	0.00539	0.06761	(0.00021)	0.19645
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19066	0.00000	0.33233	0.00539	0.06761	(0.00021)	0.40512
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19066	0.00000	0.33233	0.00539	0.06761	(0.00021)	0.40512
18	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
19		Min Bill kWhr														
1	<b>SCHEDULE DR Medical Baseline</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.10868)	0.00000	0.03299	0.00000	0.16485	(0.00021)	0.19763
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.10868)	0.00000	0.03299	0.00000	0.16485	(0.00021)	0.19763
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00566)	0.00000	0.13601	0.00000	0.16485	(0.00021)	0.30065
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00566)	0.00000	0.13601	0.00000	0.16485	(0.00021)	0.30065
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04106)	0.00000	0.10061	0.00000	0.06761	(0.00021)	0.16801
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04106)	0.00000	0.10061	0.00000	0.06761	(0.00021)	0.16801
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04652	0.00000	0.18819	0.00000	0.06761	(0.00021)	0.25559
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04652	0.00000	0.18819	0.00000	0.06761	(0.00021)	0.25559
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00000	0.16485	(0.00021)	0.22324
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00000	0.16485	(0.00021)	0.22324
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.16485	(0.00021)	0.46870
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.16485	(0.00021)	0.46870
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00000	0.06761	(0.00021)	0.18861
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00000	0.06761	(0.00021)	0.18861
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00000	0.06761	(0.00021)	0.39728
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00000	0.06761	(0.00021)	0.39728
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314
17	Above 400% of Baseline	\$/kWh	0.02943	0.0												



REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DM CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00000	0.16485	(0.00021)	0.22324	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00000	0.16485	(0.00021)	0.22324	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.16485	(0.00021)	0.46870	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.16485	(0.00021)	0.46870	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00000	0.06761	(0.00021)	0.18861	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00000	0.06761	(0.00021)	0.18861	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00000	0.06761	(0.00021)	0.39728	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00000	0.06761	(0.00021)	0.39728	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															
1	<b>SCHEDULE DM CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															





## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DS FERA</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00539	0.16485	(0.00021)	0.22863
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00539	0.16485	(0.00021)	0.22863
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.16485	(0.00021)	0.47409
10	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.16485	(0.00021)	0.47409
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00539	0.06761	(0.00021)	0.19400
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00539	0.06761	(0.00021)	0.19400
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.06761	(0.00021)	0.40267
15	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.06761	(0.00021)	0.40267
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DS FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820
10	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314
15	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
18	Unit Discount	\$/Day	0.000	(0.130)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(0.130)	0.000	0.000		(0.130)
<b>SCHEDULE DT (CLOSED)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08062)	0.00000	0.06105	0.00539	0.16485	(0.00021)	0.23108
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08062)	0.00000	0.06105	0.00539	0.16485	(0.00021)	0.23108
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.16485	(0.00021)	0.47654
10	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.16485	(0.00021)	0.47654
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.01801)	0.00000	0.12366	0.00539	0.06761	(0.00021)	0.19645
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.01801)	0.00000	0.12366	0.00539	0.06761	(0.00021)	0.19645
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19066	0.00000	0.33233	0.00539	0.06761	(0.00021)	0.40512
15	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19066	0.00000	0.33233	0.00539	0.06761	(0.00021)	0.40512
16	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DT Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.10868)	0.00000	0.03299	0.00000	0.16485	(0.00021)	0.19763
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.10868)	0.00000	0.03299	0.00000	0.16485	(0.00021)	0.19763
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00566)	0.00000	0.13601	0.00000	0.16485	(0.00021)	0.30065
10	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00566)	0.00000	0.13601	0.00000	0.16485	(0.00021)	0.30065
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04106)	0.00000	0.10061	0.00000	0.06761	(0.00021)	0.16801
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04106)	0.00000	0.10061	0.00000	0.06761	(0.00021)	0.16801
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04652	0.00000	0.18819	0.00000	0.06761	(0.00021)	0.25559
15	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04652	0.00000	0.18819	0.00000	0.		





## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DT-RV FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00539	0.16485	(0.00021)	0.22863	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08307)	0.00000	0.05860	0.00539	0.16485	(0.00021)	0.22863	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.16485	(0.00021)	0.47409	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.16485	(0.00021)	0.47409	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00539	0.06761	(0.00021)	0.19400	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02046)	0.00000	0.12121	0.00539	0.06761	(0.00021)	0.19400	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.06761	(0.00021)	0.40267	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.06761	(0.00021)	0.40267	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWhr																
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.11113)	0.00000	0.03054	0.00000	0.16485	(0.00021)	0.19518	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04351)	0.00000	0.09816	0.00000	0.06761	(0.00021)	0.16556	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18574	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06761	(0.00021)	0.25314	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19	Min Bill kWhr																
1	<b>SCHEDULE DR-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.17795)	0.00000	(0.03628)	0.00539	0.35380	(0.00021)	0.32270	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.17795)	0.00000	(0.03628)	0.00539	0.35380	(0.00021)	0.32270	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.35380	(0.00021)	0.65649	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.35380	(0.00021)	0.65649	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05414)	0.00000	0.08753	0.00539	0.11343	(0.00021)	0.20614	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05414)	0.00000	0.08753	0.00539	0.11343	(0.00021)	0.20614	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.11343	(0.00021)	0.42512	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.11343	(0.00021)	0.42512	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02551)	0.00000	0.11616	0.00539	0.05786	(0.00021)	0.17920	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02551)	0.00000	0.11616	0.00539	0.05786	(0.00021)	0.17920	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.05786	(0.00021)	0.36955	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.05786	(0.00021)	0.36955	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03538)	0.00000	0.10629	0.00539	0.07701	(0.00021)	0.18848	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03538)	0.00000	0.10629	0.00539	0.07701	(0.00021)	0.18848	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.07701	(0.00021)	0.38870	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.07701	(0.00021)	0.38870	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03066)	0.00000	0.11101	0.00539	0.06785	(0.00021)	0.18404	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03066)	0.00000	0.11101	0.00539	0.06785	(0.00021)	0.18404	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.06785	(0.00021)	0.37954	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16484	0.00000	0.30651	0.00539	0.06785	(0.00021)	0.37954	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02577)	0.00000	0.11590	0.00539	0.05835	(0.00021)	0.17943	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.001										

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.21927)	0.00000	(0.07760)	0.00000	0.35380	(0.00021)	0.27599	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.21927)	0.00000	(0.07760)	0.00000	0.35380	(0.00021)	0.27599	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07540)	0.00000	0.06627	0.00000	0.35380	(0.00021)	0.41986	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07540)	0.00000	0.06627	0.00000	0.35380	(0.00021)	0.41986	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07659)	0.00000	0.06308	0.00000	0.11343	(0.00021)	0.17630	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07659)	0.00000	0.06308	0.00000	0.11343	(0.00021)	0.17630	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01332	0.00000	0.15499	0.00000	0.11343	(0.00021)	0.26821	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01332	0.00000	0.15499	0.00000	0.11343	(0.00021)	0.26821	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04606)	0.00000	0.09561	0.00000	0.05786	(0.00021)	0.15326	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04606)	0.00000	0.09561	0.00000	0.05786	(0.00021)	0.15326	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03383	0.00000	0.17550	0.00000	0.05786	(0.00021)	0.23315	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03383	0.00000	0.17550	0.00000	0.05786	(0.00021)	0.23315	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05727)	0.00000	0.08440	0.00000	0.07701	(0.00021)	0.16120	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05727)	0.00000	0.08440	0.00000	0.07701	(0.00021)	0.16120	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02676	0.00000	0.16843	0.00000	0.07701	(0.00021)	0.24523	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02676	0.00000	0.16843	0.00000	0.07701	(0.00021)	0.24523	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05191)	0.00000	0.08976	0.00000	0.07701	(0.00021)	0.15740	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05191)	0.00000	0.08976	0.00000	0.07701	(0.00021)	0.15740	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03014	0.00000	0.17181	0.00000	0.06785	(0.00021)	0.23945	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03014	0.00000	0.17181	0.00000	0.06785	(0.00021)	0.23945	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04635)	0.00000	0.09532	0.00000	0.05835	(0.00021)	0.15346	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04635)	0.00000	0.09532	0.00000	0.05835	(0.00021)	0.15346	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03365	0.00000	0.17532	0.00000	0.05835	(0.00021)	0.23346	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03365	0.00000	0.17532	0.00000	0.05835	(0.00021)	0.23346	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-TOU CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.18040)	0.00000	(0.03873)	0.00000	0.35380	(0.00021)	0.31486	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.18040)	0.00000	(0.03873)	0.00000	0.35380	(0.00021)	0.31486	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.35380	(0.00021)	0.65765	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.35380	(0.00021)	0.65765	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05659)	0.00000	0.08508	0.00000	0.11343	(0.00021)	0.19830	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05659)	0.00000	0.08508	0.00000	0.11343	(0.00021)	0.19830	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.11343	(0.00021)	0.41728	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.11343	(0.00021)	0.41728	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02798)	0.00000	0.11371	0.00000	0.05786	(0.00021)	0.17136	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02798)	0.00000	0.11371	0.00000	0.05786	(0.00021)	0.17136	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.05786	(0.00021)	0.36171	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.05786	(0.00021)	0.36171	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03783)	0.00000	0.10384	0.00000	0.07701	(0.00021)	0.18064	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03783)	0.00000	0.10384	0.00000	0.07701	(0.00021)	0.18064	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.07701	(0.00021)	0.38086	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00000	0.07701	(0.00021)	0.38086	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03311)	0.00000	0.10856	0.00000	0.06785	(0.		

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.22172)	0.00000	(0.08005)	0.00000	0.35380	(0.00021)	0.27354	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.22172)	0.00000	(0.08005)	0.00000	0.35380	(0.00021)	0.27354	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07785)	0.00000	0.06382	0.00000	0.35380	(0.00021)	0.41741	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07785)	0.00000	0.06382	0.00000	0.35380	(0.00021)	0.41741	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05194)	0.00000	0.06063	0.00000	0.11343	(0.00021)	0.17395	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05104)	0.00000	0.06063	0.00000	0.11343	(0.00021)	0.17395	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01087	0.00000	0.15254	0.00000	0.11343	(0.00021)	0.26576	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01087	0.00000	0.15254	0.00000	0.11343	(0.00021)	0.26576	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04851)	0.00000	0.09316	0.00000	0.05786	(0.00021)	0.15081	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04851)	0.00000	0.09316	0.00000	0.05786	(0.00021)	0.15081	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03138	0.00000	0.17305	0.00000	0.05786	(0.00021)	0.23070	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03138	0.00000	0.17305	0.00000	0.05786	(0.00021)	0.23070	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05972)	0.00000	0.08195	0.00000	0.07701	(0.00021)	0.15875	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05972)	0.00000	0.08195	0.00000	0.07701	(0.00021)	0.15875	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02431	0.00000	0.16598	0.00000	0.07701	(0.00021)	0.24278	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02431	0.00000	0.16598	0.00000	0.07701	(0.00021)	0.24278	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05436)	0.00000	0.08731	0.00000	0.06785	(0.00021)	0.15495	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05436)	0.00000	0.08731	0.00000	0.06785	(0.00021)	0.15495	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02769	0.00000	0.16936	0.00000	0.06785	(0.00021)	0.23700	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02769	0.00000	0.16936	0.00000	0.06785	(0.00021)	0.23700	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04880)	0.00000	0.09287	0.00000	0.05835	(0.00021)	0.15101	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04880)	0.00000	0.09287	0.00000	0.05835	(0.00021)	0.15101	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03120	0.00000	0.17287	0.00000	0.05835	(0.00021)	0.23101	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03120	0.00000	0.17287	0.00000	0.05835	(0.00021)	0.23101	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-TOU FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.18040)	0.00000	(0.03873)	0.00539	0.35380	(0.00021)	0.32025	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.18040)	0.00000	(0.03873)	0.00539	0.35380	(0.00021)	0.32025	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.35380	(0.00021)	0.66304	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.35380	(0.00021)	0.66304	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05659)	0.00000	0.08508	0.00539	0.11343	(0.00021)	0.20369	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05659)	0.00000	0.08508	0.00539	0.11343	(0.00021)	0.20369	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.11343	(0.00021)	0.42267	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.11343	(0.00021)	0.42267	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02798)	0.00000	0.11371	0.00539	0.05786	(0.00021)	0.17675	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.02798)	0.00000	0.11371	0.00539	0.05786	(0.00021)	0.17675	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.05786	(0.00021)	0.36710	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.05786	(0.00021)	0.36710	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03783)	0.00000	0.10384	0.00539	0.07701	(0.00021)	0.18603	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03783)	0.00000	0.10384	0.00539	0.07701	(0.00021)	0.18603	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.07701	(0.00021)	0.38625	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.07701	(0.00021)	0.38625	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.03311)	0.00000	0.10856	0.00539	0.06785	(0.00021)	0.18159	



REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.22172)	0.00000	(0.08005)	0.00000	0.35380	(0.00021)	0.27354	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.22172)	0.00000	(0.08005)	0.00000	0.35380	(0.00021)	0.27354	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07785)	0.00000	0.06382	0.00000	0.35380	(0.00021)	0.41741	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.07785)	0.00000	0.06382	0.00000	0.35380	(0.00021)	0.41741	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08104)	0.00000	0.06063	0.00000	0.11343	(0.00021)	0.17395	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.08104)	0.00000	0.06063	0.00000	0.11343	(0.00021)	0.17395	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01087	0.00000	0.15254	0.00000	0.11343	(0.00021)	0.26576	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.01087	0.00000	0.15254	0.00000	0.11343	(0.00021)	0.26576	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04851)	0.00000	0.09316	0.00000	0.05786	(0.00021)	0.15081	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04851)	0.00000	0.09316	0.00000	0.05786	(0.00021)	0.15081	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03138	0.00000	0.17305	0.00000	0.05786	(0.00021)	0.23070	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03138	0.00000	0.17305	0.00000	0.05786	(0.00021)	0.23070	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05972)	0.00000	0.08195	0.00000	0.07701	(0.00021)	0.15875	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05972)	0.00000	0.08195	0.00000	0.07701	(0.00021)	0.15875	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02431	0.00000	0.16598	0.00000	0.07701	(0.00021)	0.24278	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02431	0.00000	0.16598	0.00000	0.07701	(0.00021)	0.24278	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05436)	0.00000	0.08731	0.00000	0.08731	(0.00021)	0.15495	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.05436)	0.00000	0.08731	0.00000	0.08731	(0.00021)	0.15495	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02769	0.00000	0.16936	0.00000	0.06785	(0.00021)	0.23700	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.02769	0.00000	0.16936	0.00000	0.06785	(0.00021)	0.23700	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04880)	0.00000	0.09287	0.00000	0.05835	(0.00021)	0.15101	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.04880)	0.00000	0.09287	0.00000	0.05835	(0.00021)	0.15101	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03120	0.00000	0.17287	0.00000	0.05835	(0.00021)	0.23101	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.03120	0.00000	0.17287	0.00000	0.05835	(0.00021)	0.23101	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-SES</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.35379	(0.00021)	0.50064	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.11347	(0.00021)	0.26063	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05785	(0.00021)	0.20470	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.07697	(0.00021)	0.22382	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.06788	(0.00021)	0.21473	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05835	(0.00021)	0.20520	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE DR-SES Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.35379	(0.00021)	0.48525	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.11347	(0.00021)	0.25493	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05785	(0.00021)	0.19931	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.07697	(0.00021)	0.21843	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.06788	(0.00021)	0.20934	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05835	(0.00021)	0.19981	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	



REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-SES (CARE)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.35379	(0.00021)	0.49525	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.11346	(0.00021)	0.25493	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05785	(0.00021)	0.19931	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.07697	(0.00021)	0.21843	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05788	(0.00021)	0.20934	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05835	(0.00021)	0.19981	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE EV-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.35379	(0.00021)	0.50064	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.11346	(0.00021)	0.26031	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05784	(0.00021)	0.20469	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.07701	(0.00021)	0.22386	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05788	(0.00021)	0.21473	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05834	(0.00021)	0.20519	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.35379	(0.00021)	0.50064	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.11346	(0.00021)	0.26031	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05784	(0.00021)	0.20469	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.07701	(0.00021)	0.22386	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05788	(0.00021)	0.21473	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00539	0.05834	(0.00021)	0.20519	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.35379	(0.00021)	0.49525	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.11346	(0.00021)	0.25492	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05784	(0.00021)	0.19930	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.07701	(0.00021)	0.21847	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05788	(0.00021)	0.20934	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.00000	0.00000	0.14167	0.00000	0.05834	(0.00021)	0.19980	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	



## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.22015	(0.00021)	0.35350	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.11010	(0.00021)	0.24345	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.07655	(0.00021)	0.26208	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06747	(0.00021)	0.25300	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.05800	(0.00021)	0.24353	
15	Baseline Adjustment - Summer	\$/kWh								(0.10302)	0.00000	(0.10302)				(0.10302)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.10302)	0.00000	(0.10302)				(0.10302)	
17	Baseline Adjustment - Winter	\$/kWh								(0.08758)	0.00000	(0.08758)				(0.08758)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.08758)	0.00000	(0.08758)				(0.08758)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.22015	(0.00021)	0.52939	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.16485	(0.00021)	0.47409	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16239	0.00000	0.30406	0.00539	0.11010	(0.00021)	0.41934	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.07655	(0.00021)	0.41161	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.06747	(0.00021)	0.40253	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18821	0.00000	0.32988	0.00539	0.05800	(0.00021)	0.39306	
15	Baseline Adjustment - Summer	\$/kWh								(0.24546)	0.00000	(0.24546)				(0.24546)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.24546)	0.00000	(0.24546)				(0.24546)	
17	Baseline Adjustment - Winter	\$/kWh								(0.20867)	0.00000	(0.20867)				(0.20867)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.20867)	0.00000	(0.20867)				(0.20867)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.22015	(0.00021)	0.35350	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.16485	(0.00021)	0.29820	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	(0.00811)	0.00000	0.13356	0.00000	0.11010	(0.00021)	0.24345	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.07655	(0.00021)	0.26208	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.06747	(0.00021)	0.25300	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.04407	0.00000	0.18574	0.00000	0.05800	(0.00021)	0.24353	
15	Baseline Adjustment - Summer	\$/kWh								(0.10302)	0.00000	(0.10302)				(0.10302)	
16	101% to 130% of Baseline - Summer	\$/kWh								(0.10302)	0.00000	(0.10302)				(0.10302)	
17	Baseline Adjustment - Winter	\$/kWh								(0.08758)	0.00000	(0.08758)				(0.08758)	
18	101% to 130% of Baseline - Winter	\$/kWh								(0.08758)	0.00000	(0.08758)				(0.08758)	
19	Minimum Bill	\$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE TOU-DR-E1</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18194	0.00000	0.32361	0.00539	0.35399	(0.00021)	0.68278	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16598	0.00000	0.30265	0.00539	0.11954	(0.00021)	0.42137	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.15388	0.00000	0.29555	0.00539	0.05790	(0.00021)	0.35863	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19377	0.00000	0.33544	0.00539	0.07700	(0.00021)	0.41762	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19055	0.00000	0.33222	0.00539	0.06788	(0.00021)	0.40528	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18790	0.00000	0.32957	0.00539	0.05835	(0.00021)	0.39310	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)					

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR-E1 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18194	0.00000	0.32361	0.00000	0.35399	(0.00021)	0.67739	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.16098	0.00000	0.30265	0.00000	0.11354	(0.00021)	0.41598	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.15388	0.00000	0.29555	0.00000	0.05790	(0.00021)	0.35324	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19377	0.00000	0.33544	0.00000	0.07700	(0.00021)	0.41223	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19055	0.00000	0.33222	0.00000	0.06786	(0.00021)	0.39989	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18790	0.00000	0.32957	0.00000	0.05835	(0.00021)	0.38771	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
1	<b>SCHEDULE TOU-DR-E2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18194	0.00000	0.32361	0.00539	0.35399	(0.00021)	0.68278	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.15829	0.00000	0.29996	0.00539	0.09245	(0.00021)	0.39759	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19377	0.00000	0.33544	0.00539	0.07700	(0.00021)	0.41762	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18949	0.00000	0.33116	0.00539	0.06405	(0.00021)	0.40039	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE TOU-DR-E2 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18194	0.00000	0.32361	0.00000	0.35399	(0.00021)	0.67739	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.15829	0.00000	0.29996	0.00000	0.09245	(0.00021)	0.39220	
12	On-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.19377	0.00000	0.33544	0.00000	0.07700	(0.00021)	0.41223	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09226	0.01766	(0.00004)	0.00179	0.00044	0.00013	0.18949	0.00000	0.33116	0.00000	0.06405	(0.00021)	0.39500	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.24546)	0.00000	(0.24546)	0.00000	0.00000	0.00000	(0.24546)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.20867)	0.00000	(0.20867)	0.00000	0.00000	0.00000	(0.20867)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
5	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
6	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
7	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
8	Primary															
9	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
10	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
11	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
12	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer															
27	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.12700	(0.00021)	0.25437
28	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.12645	(0.00021)	0.25345
29	Winter															
30	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.06310	(0.00021)	0.19047
31	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.06285	(0.00021)	0.18985
1	<b>Schedule A (ELI)</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
5	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
6	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
7	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
8	Primary															
9	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
10	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
11	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
12	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer															
27	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.08141	(0.00021)	0.20139
28	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.08141	(0.00021)	0.20102
29	Winter															
30	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.04713	(0.00021)	0.16711
31	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.04713	(0.00021)	0.16674

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-A</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
5	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
6	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
7	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
8	Primary															
9	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67
10	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00
11	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33
12	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer On-Peak															
27	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.19287	(0.00021)	0.32024
28	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.19195	(0.00021)	0.31895
29	Summer Semi-Peak															
30	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.12700	(0.00021)	0.25437
31	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.12639	(0.00021)	0.25339
32	Summer Off-Peak															
33	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.06787	(0.00021)	0.19524
34	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.06754	(0.00021)	0.19454
35	Winter On-Peak															
36	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.07187	(0.00021)	0.19924
37	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.07154	(0.00021)	0.19854
38	Winter Semi-Peak															
39	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.06334	(0.00021)	0.19071
40	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.06308	(0.00021)	0.19008
41	Winter Off-Peak															
42	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.05444	(0.00021)	0.18181
43	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.05428	(0.00021)	0.18128

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A (ELI)</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67	
5	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
6	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33	
7	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33	
8	Primary																
9	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67	
10	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
11	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33	
12	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.08141	(0.00021)	0.20139	
28	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.08141	(0.00021)	0.20102	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.08141	(0.00021)	0.20139	
31	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.08141	(0.00021)	0.20102	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.08141	(0.00021)	0.20139	
34	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.08141	(0.00021)	0.20102	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.04713	(0.00021)	0.16711	
37	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.04713	(0.00021)	0.16674	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.04713	(0.00021)	0.16711	
40	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.04713	(0.00021)	0.16674	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07338	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12019	0.00000	0.04713	(0.00021)	0.16711	
43	Primary	\$/kWh	0.03077	0.07301	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.11982	0.00000	0.04713	(0.00021)	0.16674	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.87	0.00	0.00		58.87	
5	5-20 kW	\$/Month	0.00	156.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.16	0.00	0.00		156.16	
6	20-50 kW	\$/Month	0.00	371.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371.14	0.00	0.00		371.14	
7	>50 kW	\$/Month	0.00	957.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957.17	0.00	0.00		957.17	
8	Primary																
9	0-5 kW	\$/Month	0.00	121.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.88	0.00	0.00		121.88	
10	5-20 kW	\$/Month	0.00	182.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	182.64	0.00	0.00		182.64	
11	20-50 kW	\$/Month	0.00	309.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	309.05	0.00	0.00		309.05	
12	>50 kW	\$/Month	0.00	941.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941.09	0.00	0.00		941.09	
13	Non-Coincident Demand																
14	Secondary																
15	Primary																
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.26670	(0.00021)	0.32151	
28	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.26542	(0.00021)	0.32023	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.10035	(0.00021)	0.15516	
31	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.09986	(0.00021)	0.15467	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.05403	(0.00021)	0.10884	
34	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.05377	(0.00021)	0.10858	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.07187	(0.00021)	0.12668	
37	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.07154	(0.00021)	0.12635	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.06334	(0.00021)	0.11815	
40	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.06308	(0.00021)	0.11789	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.05444	(0.00021)	0.10925	
43	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04963	0.00539	0.05428	(0.00021)	0.10909	



## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67	
5	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
6	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33	
7	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33	
8	Primary																
9	0-5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67	
10	5-20 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
11	20-50 kW	\$/Month	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00		33.33	
12	>50 kW	\$/Month	0.00	83.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00		83.33	
13	Non-Coincident Demand																
14	Secondary																
15	Primary																
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.19287	(0.00021)	0.32024	
28	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.19195	(0.00021)	0.31895	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.10740	(0.00021)	0.23477	
31	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.10689	(0.00021)	0.23389	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.10740	(0.00021)	0.23477	
34	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.10689	(0.00021)	0.23389	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.07187	(0.00021)	0.19924	
37	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.07154	(0.00021)	0.19854	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.06018	(0.00021)	0.18755	
40	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.05989	(0.00021)	0.18689	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12219	0.00539	0.06018	(0.00021)	0.18755	
43	Primary	\$/kWh	0.03077	0.07301	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12182	0.00539	0.05989	(0.00021)	0.18689	
1	<b>SCHEDULE A-TC</b>																
2	Basic Service Fee																
3	Under 5 kW	\$/Month	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.67	0.00	0.00		11.67	
4	Over 5 kW	\$/Month	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00		20.00	
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	On Peak Demand																
8	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
10	Energy Charge																
11	Summer	\$/kWh	0.03077	0.03923	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.08804	0.00539	0.06410	(0.00021)	0.15732	
12	Winter	\$/kWh	0.03077	0.03923	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000	0.00000	0.08804	0.00539	0.06410	(0.00021)	0.15732	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A-TOU</b>															
2	Basic Service Fee															
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
7	Non-Coincident Demand	\$/kW	0.00	2.39	0.00	0.00	0.00	0.00	0.00	0.00		2.39	0.00	0.00		2.39
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	On Peak Demand															
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	Energy Charge															
13	Summer															
14	On-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.26586	(0.00021)	0.34756
15	Semi-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.10080	(0.00021)	0.18250
16	Off-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.05432	(0.00021)	0.13602
17	Winter															
18	On-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.07217	(0.00021)	0.15387
19	Semi-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.06361	(0.00021)	0.14531
20	Off-Peak	\$/kWh	0.03077	0.02771	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07652	0.00539	0.05467	(0.00021)	0.13637
1	<b>SCHEDULE A-TOU (ELI)</b>															
2	Basic Service Fee															
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
7	Non-Coincident Demand	\$/kW	0.00	2.39	0.00	0.00	0.00	0.00	0.00	0.00		2.39	0.00	0.00		2.39
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	On Peak Demand															
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	Energy Charge															
13	Summer															
14	On-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.08141	(0.00021)	0.15572
15	Semi-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.08141	(0.00021)	0.15572
16	Off-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.08141	(0.00021)	0.15572
17	Winter															
18	On-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.04713	(0.00021)	0.12144
19	Semi-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.04713	(0.00021)	0.12144
20	Off-Peak	\$/kWh	0.03077	0.02771	0.01376	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.07452	0.00000	0.04713	(0.00021)	0.12144
1	<b>SCHEDULE UM</b>															
2	Basic Service Fee	\$/Month	0.00	10.02	0.00	0.00	0.00	0.00	0.00	0.00		10.02	0.00	0.00		10.02
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
8	Energy Charge															
9	Summer	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.12219	0.00539	0.12674	(0.00021)	0.25411
10	Winter	\$/kWh	0.03077	0.07338	0.01576	(0.00004)	0.00183	0.00035	0.00014	0.00000		0.12219	0.00539	0.06297	(0.00021)	0.19034

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>															
2	Basic Service Fee															
3	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.02	0.00	0.00		163.02
4	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.96	0.00	0.00		43.96
5	Maximum Demand Charge															
6	Secondary	\$/KW	12.55	17.65	0.00	0.00	0.00	0.00	0.04	0.00	0.00	30.24	0.00	0.00		30.24
7	Primary	\$/KW	12.13	17.55	0.00	0.00	0.00	0.00	0.04	0.00	0.00	29.72	0.00	0.00		29.72
11	Maximum Demand: Summer															
12	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
13	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
14	Maximum Demand: Winter															
15	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Maximum On-Peak Demand: Summer															
18	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24		10.24
19	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.19		10.19
20	Maximum On-Peak Demand: Winter															
21	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Energy Charge															
25	On-Peak Energy: Summer															
26	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.10311	(0.00021)	0.11584
27	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.10261	(0.00021)	0.11534
28	Semi-Peak Energy: Summer															
29	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.08561	(0.00021)	0.09834
30	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.08522	(0.00021)	0.09795
31	Off-Peak Energy: Summer															
32	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.06997	(0.00021)	0.08270
33	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.06975	(0.00021)	0.08248
34	On-Peak Energy: Winter															
35	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.09312	(0.00021)	0.10585
36	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.09270	(0.00021)	0.10543
37	Semi-Peak Energy: Winter															
38	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.08208	(0.00021)	0.09481
39	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.08174	(0.00021)	0.09447
40	Off-Peak Energy: Winter															
41	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.07057	(0.00021)	0.08330
42	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00755	0.00539	0.07036	(0.00021)	0.08309

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE AL-TOU</b>															
2	Basic Service Fee															
3	Less than or equal to 500 kW															
4	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00		163.02	0.00	0.00		163.02
5	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00		43.96	0.00	0.00		43.96
6	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17
7	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17
8	Transmission	\$/Month	0.00	237.08	0.00	0.00	0.00	0.00	0.00	0.00		237.08	0.00	0.00		237.08
9	Greater than 500 kW															
10	Secondary	\$/Month	0.00	652.04	0.00	0.00	0.00	0.00	0.00	0.00		652.04	0.00	0.00		652.04
11	Primary	\$/Month	0.00	52.30	0.00	0.00	0.00	0.00	0.00	0.00		52.30	0.00	0.00		52.30
12	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17
13	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17
14	Transmission	\$/Month	0.00	948.56	0.00	0.00	0.00	0.00	0.00	0.00		948.56	0.00	0.00		948.56
15	Greater than 12 MW															
16	Secondary Substation	\$/Month	0.00	39,288.63	0.00	0.00	0.00	0.00	0.00	0.00		39,288.63	0.00	0.00		39,288.63
17	Primary Substation	\$/Month	0.00	39,361.61	0.00	0.00	0.00	0.00	0.00	0.00		39,361.61	0.00	0.00		39,361.61
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00		3,000.00	0.00	0.00		3,000.00
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00		1.23	0.00	0.00		1.23
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00		1.22	0.00	0.00		1.22
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00		3.13	0.00	0.00		3.13
23	Non-Coincident Demand															
24	Secondary	\$/kW	11.30	13.23	0.00	0.00	0.00	0.00	0.04	0.00		24.57	0.00	0.00		24.57
25	Primary	\$/kW	10.92	13.16	0.00	0.00	0.00	0.00	0.04	0.00		24.12	0.00	0.00		24.12
26	Secondary Substation	\$/kW	11.30	0.29	0.78	0.00	0.61	0.00	0.04	0.00		13.02	0.00	0.00		13.02
27	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00		12.64	0.00	0.00		12.64
28	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00		12.52	0.00	0.00		12.52
29	Non-Coincident Demand with Off Peak Exemption															
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
35	Maximum On-Peak Demand: Summer															
36	Secondary	\$/kW	2.03	5.33	0.00	0.00	0.00	0.00	0.00	0.00		7.36	0.00	10.43		17.79
37	Primary	\$/kW	1.96	5.30	0.00	0.00	0.00	0.00	0.00	0.00		7.26	0.00	10.38		17.64
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00		2.03	0.00	10.43		12.46
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.96	0.00	10.38		12.34
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	9.94		11.88
41	Maximum On-Peak Demand: Winter															
42	Secondary	\$/kW	0.61	4.56	0.00	0.00	0.00	0.00	0.00	0.00		5.17	0.00	0.00		5.17
43	Primary	\$/kW	0.59	4.54	0.00	0.00	0.00	0.00	0.00	0.00		5.13	0.00	0.00		5.13
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.61	0.00	0.00		0.61
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59
47	Semi-Peak Demand: Summer															
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
53	Semi-Peak Demand: Winter															
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
59	Off-Peak Demand: Summer															
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
65	Off-Peak Demand: Winter															
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
71	Power Factor															
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
77																

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10517	(0.00021)	0.11790	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10466	(0.00021)	0.11739	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.10517	(0.00021)	0.11340	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.10466	(0.00021)	0.11289	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.10017	(0.00021)	0.10840	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08750	(0.00021)	0.10023	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08709	(0.00021)	0.09982	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08750	(0.00021)	0.09573	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08709	(0.00021)	0.09532	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08339	(0.00021)	0.09162	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06996	(0.00021)	0.08269	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06975	(0.00021)	0.08248	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06996	(0.00021)	0.07819	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06975	(0.00021)	0.07798	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06694	(0.00021)	0.07517	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09313	(0.00021)	0.10586	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09271	(0.00021)	0.10544	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09313	(0.00021)	0.10136	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09271	(0.00021)	0.10034	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08880	(0.00021)	0.09703	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08209	(0.00021)	0.09482	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08175	(0.00021)	0.09448	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08209	(0.00021)	0.09032	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08175	(0.00021)	0.08998	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07838	(0.00021)	0.08661	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07096	(0.00021)	0.08329	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07035	(0.00021)	0.08308	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07096	(0.00021)	0.07879	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07035	(0.00021)	0.07858	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06752	(0.00021)	0.07575	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AL-TOU (ELI)</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00		163.02	0.00	0.00		163.02	
5	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00		43.96	0.00	0.00		43.96	
6	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17	
7	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17	
8	Transmission	\$/Month	0.00	237.08	0.00	0.00	0.00	0.00	0.00	0.00		237.08	0.00	0.00		237.08	
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	652.04	0.00	0.00	0.00	0.00	0.00	0.00		652.04	0.00	0.00		652.04	
11	Primary	\$/Month	0.00	52.30	0.00	0.00	0.00	0.00	0.00	0.00		52.30	0.00	0.00		52.30	
12	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17	
13	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00		23,282.17	0.00	0.00		23,282.17	
14	Transmission	\$/Month	0.00	948.56	0.00	0.00	0.00	0.00	0.00	0.00		948.56	0.00	0.00		948.56	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	39,288.63	0.00	0.00	0.00	0.00	0.00	0.00		39,288.63	0.00	0.00		39,288.63	
17	Primary Substation	\$/Month	0.00	39,361.61	0.00	0.00	0.00	0.00	0.00	0.00		39,361.61	0.00	0.00		39,361.61	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00		3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00		1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00		1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00		3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
24	Secondary	\$/kW	11.30	13.23	0.00	0.00	0.00	0.00	0.04	0.00		24.57	0.00	0.00		24.57	
25	Primary	\$/kW	10.92	13.16	0.00	0.00	0.00	0.00	0.04	0.00		24.12	0.00	0.00		24.12	
26	Secondary Substation	\$/kW	11.30	0.29	0.17	0.00	0.61	0.00	0.04	0.00		12.41	0.00	0.00		12.41	
27	Primary Substation	\$/kW	10.92	0.29	0.17	0.00	0.61	0.00	0.04	0.00		12.03	0.00	0.00		12.03	
28	Transmission	\$/kW	10.80	0.29	0.17	0.00	0.61	0.00	0.04	0.00		11.91	0.00	0.00		11.91	
29	Non-Coincident Demand with Off Peak Exemption																
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
35	Maximum On-Peak Demand: Summer																
36	Secondary	\$/kW	2.03	5.33	0.00	0.00	0.00	0.00	0.00	0.00		7.36	0.00	10.43		17.79	
37	Primary	\$/kW	1.96	5.30	0.00	0.00	0.00	0.00	0.00	0.00		7.26	0.00	10.38		17.64	
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00		2.03	0.00	10.43		12.46	
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.96	0.00	10.38		12.34	
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	9.94		11.88	
41	Maximum On-Peak Demand: Winter																
42	Secondary	\$/kW	0.61	4.56	0.00	0.00	0.00	0.00	0.00	0.00		5.17	0.00	0.00		5.17	
43	Primary	\$/kW	0.59	4.54	0.00	0.00	0.00	0.00	0.00	0.00		5.13	0.00	0.00		5.13	
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.61	0.00	0.00		0.61	
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
47	Semi-Peak Demand: Summer																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
77																	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08230	(0.00021)	0.08800	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08229	(0.00021)	0.08799	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08230	(0.00021)	0.08514	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08229	(0.00021)	0.08513	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08219	(0.00021)	0.08503	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08212	(0.00021)	0.08782	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08211	(0.00021)	0.08781	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08212	(0.00021)	0.08496	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08211	(0.00021)	0.08495	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08203	(0.00021)	0.08487	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08023	(0.00021)	0.08593	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08023	(0.00021)	0.08593	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08023	(0.00021)	0.08307	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08023	(0.00021)	0.08307	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.08023	(0.00021)	0.08307	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04644	(0.00021)	0.04928	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04643	(0.00021)	0.05213	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04643	(0.00021)	0.05213	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04643	(0.00021)	0.04927	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04643	(0.00021)	0.04927	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00000	0.04643	(0.00021)	0.04927	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE ML C&amp;I Cost Based Option</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	310.34	0.00	0.00	0.00	0.00	0.00	0.00		310.34	0.00	0.00		310.34	
5	Primary	\$/Month	0.00	150.50	0.00	0.00	0.00	0.00	0.00	0.00		150.50	0.00	0.00		150.50	
6	Secondary Substation	\$/Month	0.00	68,388.96	0.00	0.00	0.00	0.00	0.00	0.00		68,388.96	0.00	0.00		68,388.96	
7	Primary Substation	\$/Month	0.00	68,229.13	0.00	0.00	0.00	0.00	0.00	0.00		68,229.13	0.00	0.00		68,229.13	
8	Transmission	\$/Month	0.00	1,005.92	0.00	0.00	0.00	0.00	0.00	0.00		1,005.92	0.00	0.00		1,005.92	
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	744.64	0.00	0.00	0.00	0.00	0.00	0.00		744.64	0.00	0.00		744.64	
11	Primary	\$/Month	0.00	174.24	0.00	0.00	0.00	0.00	0.00	0.00		174.24	0.00	0.00		174.24	
12	Secondary Substation	\$/Month	0.00	68,823.26	0.00	0.00	0.00	0.00	0.00	0.00		68,823.26	0.00	0.00		68,823.26	
13	Primary Substation	\$/Month	0.00	68,252.86	0.00	0.00	0.00	0.00	0.00	0.00		68,252.86	0.00	0.00		68,252.86	
14	Transmission	\$/Month	0.00	1,962.73	0.00	0.00	0.00	0.00	0.00	0.00		1,962.73	0.00	0.00		1,962.73	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	70,041.35	0.00	0.00	0.00	0.00	0.00	0.00		70,041.35	0.00	0.00		70,041.35	
17	Primary Substation	\$/Month	0.00	68,341.30	0.00	0.00	0.00	0.00	0.00	0.00		68,341.30	0.00	0.00		68,341.30	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00		3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00		1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00		1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00		3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
24	Secondary	\$/kW	11.30	15.96	0.00	0.00	0.00	0.00	0.04	0.00		27.30	0.00	0.00		27.30	
25	Primary	\$/kW	10.92	15.88	0.00	0.00	0.00	0.00	0.04	0.00		26.84	0.00	0.00		26.84	
26	Secondary Substation	\$/kW	11.30	0.29	0.78	0.00	0.61	0.00	0.04	0.00		13.02	0.00	0.00		13.02	
27	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00		12.64	0.00	0.00		12.64	
28	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00		12.52	0.00	0.00		12.52	
29	Non-Coincident Demand with Off Peak Exemption																
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
35	Maximum On-Peak Demand: Summer																
36	Secondary	\$/kW	2.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00		2.09	0.00	15.36		17.45	
37	Primary	\$/kW	1.96	0.06	0.00	0.00	0.00	0.00	0.00	0.00		2.02	0.00	15.29		17.31	
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00		2.03	0.00	15.36		17.39	
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.96	0.00	15.29		17.25	
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	14.63		16.57	
41	Maximum On-Peak Demand: Winter																
42	Secondary	\$/kW	0.61	0.05	0.00	0.00	0.00	0.00	0.00	0.00		0.66	0.00	0.00		0.66	
43	Primary	\$/kW	0.59	0.05	0.00	0.00	0.00	0.00	0.00	0.00		0.64	0.00	0.00		0.64	
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.61	0.00	0.00		0.61	
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
47	Semi-Peak Demand: Summer																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
77																	



## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE ML C&amp;I Cost Based Option (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09660	(0.00021)	0.10933	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09613	(0.00021)	0.10886	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09660	(0.00021)	0.10463	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09613	(0.00021)	0.10436	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.09201	(0.00021)	0.10024	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08038	(0.00021)	0.09311	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08001	(0.00021)	0.09274	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08038	(0.00021)	0.08861	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08001	(0.00021)	0.08824	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07661	(0.00021)	0.08484	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06415	(0.00021)	0.07688	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06395	(0.00021)	0.07668	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06415	(0.00021)	0.07238	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06395	(0.00021)	0.07218	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06138	(0.00021)	0.06961	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08539	(0.00021)	0.09812	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08500	(0.00021)	0.09773	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08539	(0.00021)	0.09362	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08500	(0.00021)	0.09323	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.08142	(0.00021)	0.08965	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07527	(0.00021)	0.08800	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07495	(0.00021)	0.08768	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07527	(0.00021)	0.08350	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07495	(0.00021)	0.08318	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.07187	(0.00021)	0.08010	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06470	(0.00021)	0.07743	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06451	(0.00021)	0.07724	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06470	(0.00021)	0.07293	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06451	(0.00021)	0.07274	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000		0.00305	0.00539	0.06191	(0.00021)	0.07014	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DG-R</b>															
2	Basic Service Fee															
3	Less than or equal to 500 kW															
4	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.02	0.00	0.00		163.02
5	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.96	0.00	0.00		43.96
6	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,282.17	0.00	0.00		23,282.17
7	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,282.17	0.00	0.00		23,282.17
8	Transmission	\$/Month	0.00	237.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237.08	0.00	0.00		237.08
9	Greater than 500 kW															
10	Secondary	\$/Month	0.00	652.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	652.04	0.00	0.00		652.04
11	Primary	\$/Month	0.00	52.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.30	0.00	0.00		52.30
12	Secondary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,282.17	0.00	0.00		23,282.17
13	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,282.17	0.00	0.00		23,282.17
14	Transmission	\$/Month	0.00	948.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	948.56	0.00	0.00		948.56
15	Transmission Multiple Bus			3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
20	Maximum Demand															
21	Secondary	\$/kW	11.30	0.95	0.00	0.00	0.00	0.00	0.04	0.00	0.00	12.29	0.00	0.00		12.29
22	Primary	\$/kW	10.92	1.10	0.00	0.00	0.00	0.00	0.04	0.00	0.00	12.06	0.00	0.00		12.06
23	Secondary Substation	\$/kW	11.30	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	11.34	0.00	0.00		11.34
24	Primary Substation	\$/kW	10.92	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.96	0.00	0.00		10.96
25	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.84	0.00	0.00		10.84
26	Non-Coincident Demand with Off Peak Exemption															
27	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
28	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
31	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
32	Maximum On-Peak Demand: Summer															
33	Secondary	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
34	Primary	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
35	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
36	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
37	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00		1.94
38	Maximum On-Peak Demand: Winter															
39	Secondary	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
40	Primary	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
41	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
42	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
43	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
44	Power Factor															
45	Secondary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
46	Primary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
47	Secondary Substation	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
48	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
49	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE DG-R (continued)</b>																
51	On-Peak Energy: Summer																
52	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.28541	(0.00021)	0.34871	
53	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.28500	(0.00021)	0.34738	
54	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.28541	(0.00021)	0.29814	
55	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.28500	(0.00021)	0.29773	
56	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.28130	(0.00021)	0.29403	
57	Semi-Peak Energy: Summer																
58	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.14894	(0.00021)	0.21224	
59	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.14846	(0.00021)	0.21084	
60	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.14894	(0.00021)	0.18167	
61	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.14846	(0.00021)	0.18119	
62	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.14406	(0.00021)	0.15679	
63	Off-Peak Energy: Summer																
64	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.10152	(0.00021)	0.16482	
65	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.10134	(0.00021)	0.16372	
66	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10152	(0.00021)	0.11425	
67	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10134	(0.00021)	0.11407	
68	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09904	(0.00021)	0.11177	
69	On-Peak Energy: Winter																
70	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.07639	(0.00021)	0.13969	
71	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.07604	(0.00021)	0.13842	
72	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07639	(0.00021)	0.08912	
73	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07604	(0.00021)	0.08877	
74	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07283	(0.00021)	0.08556	
75	Semi-Peak Energy: Winter																
76	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.06733	(0.00021)	0.13063	
77	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.06705	(0.00021)	0.12943	
78	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06733	(0.00021)	0.08006	
79	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06705	(0.00021)	0.07978	
80	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06429	(0.00021)	0.07702	
81	Off-Peak Energy: Winter																
82	Secondary	\$/kWh	(0.00951)	0.05132	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05812	0.00539	0.05787	(0.00021)	0.12117	
83	Primary	\$/kWh	(0.00951)	0.05040	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.05720	0.00539	0.05770	(0.00021)	0.12008	
84	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.05787	(0.00021)	0.07060	
85	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.05770	(0.00021)	0.07043	
86	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.05538	(0.00021)	0.06811	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AY-TOU (CLOSED)</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00		163.02	0.00	0.00		163.02	
4	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00		43.96	0.00	0.00		43.96	
5	Transmission	\$/Month	0.00	237.08	0.00	0.00	0.00	0.00	0.00	0.00		237.08	0.00	0.00		237.08	
6	Non-Coincident Demand																
7	Secondary	\$/kW	11.30	13.23	0.00	0.00	0.00	0.00	0.04	0.00		24.57	0.00	0.00		24.57	
8	Primary	\$/kW	10.92	13.17	0.00	0.00	0.00	0.00	0.04	0.00		24.13	0.00	0.00		24.13	
9	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
10	Non-Coincident Demand with Off Peak Exemption																
11	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
14	Maximum On-Peak Demand: Summer																
15	Secondary	\$/kW	2.03	5.33	0.00	0.00	0.00	0.00	0.00	0.00		7.36	0.00	10.43		17.79	
16	Primary	\$/kW	1.96	5.30	0.00	0.00	0.00	0.00	0.00	0.00		7.26	0.00	10.38		17.64	
17	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	9.94		11.88	
18	Maximum On-Peak Demand: Winter																
19	Secondary	\$/kW	0.61	4.57	0.00	0.00	0.00	0.00	0.00	0.00		5.18	0.00	0.00		5.18	
20	Primary	\$/kW	0.59	4.55	0.00	0.00	0.00	0.00	0.00	0.00		5.14	0.00	0.00		5.14	
21	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
22	Power Factor																
23	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
24	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
25	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
26	On-Peak Energy: Summer																
27	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10517	(0.00021)	0.11790	
28	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10466	(0.00021)	0.11739	
29	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.10017	(0.00021)	0.11290	
30	Semi-Peak Energy: Summer																
31	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08750	(0.00021)	0.10023	
32	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08709	(0.00021)	0.09982	
33	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08339	(0.00021)	0.09612	
34	Off-Peak Energy: Summer																
35	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06996	(0.00021)	0.08269	
36	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06975	(0.00021)	0.08248	
37	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06694	(0.00021)	0.07967	
38	On-Peak Energy: Winter																
39	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09313	(0.00021)	0.10586	
40	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.09271	(0.00021)	0.10544	
41	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08880	(0.00021)	0.10153	
42	Semi-Peak Energy: Winter																
43	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08209	(0.00021)	0.09482	
44	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.08175	(0.00021)	0.09448	
45	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07838	(0.00021)	0.09111	
46	Off-Peak Energy: Winter																
47	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07096	(0.00021)	0.08329	
48	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.07035	(0.00021)	0.08308	
49	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00755	0.00539	0.06752	(0.00021)	0.08025	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>																
51	Basic Service Fee																
52	Secondary	\$/Month	0.00	163.02	0.00	0.00	0.00	0.00	0.00	0.00		163.02	0.00	0.00		163.02	
53	Primary	\$/Month	0.00	43.96	0.00	0.00	0.00	0.00	0.00	0.00		43.96	0.00	0.00		43.96	
54	Transmission	\$/Month	0.00	237.08	0.00	0.00	0.00	0.00	0.00	0.00		237.08	0.00	0.00		237.08	
55	Non-Coincident Demand																
56	Secondary	\$/kW	11.30	13.23	0.00	0.00	0.00	0.00	0.04	0.00		24.57	0.00	0.00		24.57	
57	Primary	\$/kW	10.92	13.17	0.00	0.00	0.00	0.00	0.04	0.00		24.13	0.00	0.00		24.13	
58	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
59	Non-Coincident Demand with Off Peak Exemption																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
62	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
63	Maximum On-Peak Demand: Summer																
64	Secondary	\$/kW	2.03	5.33	0.00	0.00	0.00	0.00	0.00	0.00		7.36	0.00	10.43		17.79	
65	Primary	\$/kW	1.96	5.30	0.00	0.00	0.00	0.00	0.00	0.00		7.26	0.00	10.38		17.64	
66	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	9.94		11.88	
67	Maximum On-Peak Demand: Winter																
68	Secondary	\$/kW	0.61	4.57	0.00	0.00	0.00	0.00	0.00	0.00		5.18	0.00	0.00		5.18	
69	Primary	\$/kW	0.59	4.55	0.00	0.00	0.00	0.00	0.00	0.00		5.14	0.00	0.00		5.14	
70	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
74	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
75	On-Peak Energy: Summer																
76	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08230	(0.00021)	0.08900	
77	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08229	(0.00021)	0.08799	
78	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08219	(0.00021)	0.08789	
79	Semi-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08212	(0.00021)	0.08782	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08211	(0.00021)	0.08781	
82	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08203	(0.00021)	0.08773	
83	Off-Peak Energy: Summer																
84	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08023	(0.00021)	0.08593	
85	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08023	(0.00021)	0.08593	
86	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.08023	(0.00021)	0.08593	
87	On-Peak Energy: Winter																
88	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
89	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
90	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
91	Semi-Peak Energy: Winter																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
94	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04644	(0.00021)	0.05214	
95	Off-Peak Energy: Winter																
96	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04643	(0.00021)	0.05213	
97	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04643	(0.00021)	0.05213	
98	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00004)	0.00164	0.00033	0.00001	0.00000		0.00591	0.00000	0.04643	(0.00021)	0.05213	

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A6-TOU</b>															
2	Basic Service Fee	\$/Month														
3	Greater than 500 kW															
4	Primary	\$/Month	0.00	52.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52.30	0.00	0.00		52.30
5	Primary Substation	\$/Month	0.00	23,282.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23,282.17	0.00	0.00		23,282.17
6	Transmission	\$/Month	0.00	1,689.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,689.74	0.00	0.00		1,689.74
7	Greater than 12 MW -- Pri. Sub.	\$/Month	0.00	39,361.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39,361.61	0.00	0.00		39,361.61
8	Distance Adjustment Fee OH	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
9	Distance Adjustment Fee UG	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
10	Non-Coincident Demand															
11	Primary	\$/kW	10.92	13.45	0.78	0.00	0.61	0.00	0.04	0.00	0.00	25.80	0.00	0.00		25.80
12	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.64	0.00	0.00		12.64
13	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.52	0.00	0.00		12.52
14	Non-Coincident Demand with Off Peak Exemption															
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Maximum Demand at Time of System Peak: Summer															
19	Primary	\$/kW	2.37	5.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.68	0.00	10.38		18.06
20	Primary Substation	\$/kW	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	10.38		12.75
21	Transmission	\$/kW	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.00	9.94		12.29
22	Maximum Demand at Time of System Peak: Winter															
23	Primary	\$/kW	0.64	4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.19	0.00	0.00		5.19
24	Primary Substation	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
25	Transmission	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
26	Power Factor															
27	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
28	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
29	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	On-Peak Energy: Summer															
31	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.10466	(0.00021)	0.11289
32	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.10466	(0.00021)	0.11289
33	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.10017	(0.00021)	0.10840
34	Semi-Peak Energy: Summer															
35	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08709	(0.00021)	0.09532
36	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08709	(0.00021)	0.09532
37	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08339	(0.00021)	0.09162
38	Off-Peak Energy: Summer															
39	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.06975	(0.00021)	0.07798
40	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.06975	(0.00021)	0.07798
41	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.06694	(0.00021)	0.07517
42	On-Peak Energy: Winter															
43	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09271	(0.00021)	0.10094
44	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.09271	(0.00021)	0.10094
45	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08880	(0.00021)	0.09703
46	Semi-Peak Energy: Winter															
47	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08175	(0.00021)	0.08998
48	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.08175	(0.00021)	0.08998
49	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07838	(0.00021)	0.08661
50	Off-Peak Energy: Winter															
51	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07035	(0.00021)	0.07858
52	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.07035	(0.00021)	0.07858
53	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00004)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00305	0.00539	0.06752	(0.00021)	0.07575

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE S</b>																
2	Contracted Demand																
3	Secondary	\$/kW	5.61	8.00	0.00	0.00	0.00	0.00	0.02	0.00		13.63	0.00	0.00		13.63	
4	Primary	\$/kW	5.41	7.95	0.00	0.00	0.00	0.00	0.02	0.00		13.38	0.00	0.00		13.38	
5	Secondary Substation	\$/kW	5.61	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.63	0.00	0.00		5.63	
6	Primary Substation	\$/kW	5.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.43	0.00	0.00		5.43	
7	Transmission	\$/kW	5.36	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.38	0.00	0.00		5.38	
1	<b>SCHEDULE OL-TOU</b>																
2	Basic Service Fee	\$/Month															
3	0-5 kW	\$/Month	0.00	26.77	0.00	0.00	0.00	0.00	0.00	0.00		26.77	0.00	0.00		26.77	
4	5-20 kW	\$/Month	0.00	26.77	0.00	0.00	0.00	0.00	0.00	0.00		26.77	0.00	0.00		26.77	
5	20-50 kW	\$/Month	0.00	26.77	0.00	0.00	0.00	0.00	0.00	0.00		26.77	0.00	0.00		26.77	
6	> 50 kW	\$/Month	0.00	26.77	0.00	0.00	0.00	0.00	0.00	0.00		26.77	0.00	0.00		26.77	
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.28585	(0.00021)	0.39106	
15	Semi-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.10456	(0.00021)	0.20977	
16	Off-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.05735	(0.00021)	0.16256	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.07634	(0.00021)	0.18155	
19	Semi-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.06729	(0.00021)	0.17250	
20	Off-Peak	\$/kWh	0.03077	0.05282	0.01437	(0.00004)	0.00164	0.00033	0.00014	0.00000		0.10003	0.00539	0.05784	(0.00021)	0.16305	

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE PA-T-1</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	92.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.30	0.00	0.00		92.30	
4	Primary	\$/Month	0.00	92.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.30	0.00	0.00		92.30	
5	Transmission	\$/Month	0.00	92.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.30	0.00	0.00		92.30	
6	Non-Coincident Demand																
7	Secondary	\$/kW	4.83	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.85	0.00	0.00		4.85	
8	Primary	\$/kW	4.68	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.70	0.00	0.00		4.70	
9	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00		0.02	
10	Non-Coincident Demand (Excluding Off-Peak)																
11	Secondary	\$/kW	0.00	10.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.35	0.00	0.00		10.35	
12	Primary	\$/kW	0.00	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.30	0.00	0.00		10.30	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
14	Demand: On-Peak: Summer																
15	Option C																
16	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86		5.86	
17	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83		5.83	
18	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58		5.58	
19	Option D																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86		5.86	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83		5.83	
22	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58		5.58	
23	Option E																
24	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86		5.86	
25	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83		5.83	
26	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58		5.58	
27	Option F																
28	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86		5.86	
29	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.83		5.83	
30	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58		5.58	
31	Demand: On-Peak: Winter																
32	Option C																
33	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
36	Option D																
37	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
38	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
39	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
40	Option E																
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
43	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
44	Option F																
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
47	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
48	Demand: Semi-Peak																
49	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	On-Peak Energy: Summer																
53	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.09912	(0.00021)	0.11099	
54	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.09864	(0.00021)	0.11051	
55	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.09441	(0.00021)	0.10628	
56	Semi-Peak Energy: Summer																
57	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.08228	(0.00021)	0.09415	
58	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.08190	(0.00021)	0.09377	
59	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.07842	(0.00021)	0.09029	
60	Off-Peak Energy: Summer																
61	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06730	(0.00021)	0.07917	
62	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06710	(0.00021)	0.07897	
63	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06440	(0.00021)	0.07627	
64	On-Peak Energy: Winter																
65	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.08959	(0.00021)	0.10146	
66	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.08918	(0.00021)	0.10105	
67	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.08543	(0.00021)	0.09730	
68	Semi-Peak Energy: Winter																
69	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.07997	(0.00021)	0.09984	
70	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.07864	(0.00021)	0.09951	
71	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.07540	(0.00021)	0.08727	
72	Off-Peak Energy: Winter																
73	Secondary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06788	(0.00021)	0.07975	
74	Primary	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06768	(0.00021)	0.07955	
75	Transmission	\$/kWh	(0.00951)	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00001	0.00000	0.00000	0.00669	0.00539	0.06496	(0.00021)	0.07683	



REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE PA</b>															
2	Less than 20 kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.52	0.00	0.00		25.52
5	Primary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.52	0.00	0.00		25.52
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07919	0.00539	0.11157	(0.00021)	0.19594
22	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07892	0.00539	0.11127	(0.00021)	0.19537
23	Winter															
24	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07919	0.00539	0.06542	(0.00021)	0.14979
25	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07892	0.00539	0.06518	(0.00021)	0.14928
26	Greater than 20 kW															
27	Basic Service Fee															
28	Secondary	\$/Month	0.00	30.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.62	0.00	0.00		30.62
29	Primary	\$/Month	0.00	30.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.62	0.00	0.00		30.62
30	Non-Coincident Demand															
31	Secondary	\$/kW	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00		1.49
32	Primary	\$/kW	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00		1.49
33	Non-Coincident Demand with Off Peak Exemption															
34	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
35	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
36	On Peak Demand															
37	Summer															
38	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
39	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
40	Winter															
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
43	Energy Charge															
44	Summer															
45	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07212	0.00539	0.11157	(0.00021)	0.18887
46	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07189	0.00539	0.11127	(0.00021)	0.18834
47	Winter															
48	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07212	0.00539	0.06542	(0.00021)	0.14272
49	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000	0.00000	0.07189	0.00539	0.06518	(0.00021)	0.14225

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-PA</b>															
2	Less than 20kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00		25.52	0.00	0.00		25.52
5	Primary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00		25.52	0.00	0.00		25.52
6	Non-Coincident Demand															
7	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
8	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
15	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
18	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	On-Peak															
22	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.19663	(0.00021)	0.28100
23	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.19568	(0.00021)	0.27978
24	Semi-Peak															
25	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.11157	(0.00021)	0.19594
26	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.11103	(0.00021)	0.19513
27	Off-Peak															
28	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.06912	(0.00021)	0.15349
29	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.06879	(0.00021)	0.15289
30	Winter															
31	On-Peak															
32	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.06913	(0.00021)	0.15350
33	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.06881	(0.00021)	0.15291
34	Semi-Peak															
35	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.06093	(0.00021)	0.14530
36	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.06068	(0.00021)	0.14478
37	Off-Peak															
38	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.05238	(0.00021)	0.13675
39	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.05222	(0.00021)	0.13632
40	Greater than or equal to 20kW															
41	Basic Service Fee															
42	Secondary	\$/Month	0.00	30.62	0.00	0.00	0.00	0.00	0.00	0.00		30.62	0.00	0.00		30.62
43	Primary	\$/Month	0.00	30.62	0.00	0.00	0.00	0.00	0.00	0.00		30.62	0.00	0.00		30.62
44	Non-Coincident Demand															
45	Secondary	\$/kWh	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00		1.49	0.00	0.00		1.49
46	Primary	\$/kWh	0.00	1.49	0.00	0.00	0.00	0.00	0.00	0.00		1.49	0.00	0.00		1.49
47	Non-Coincident Demand with Off Peak Exemption															
48	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
49	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
50	On Peak Demand															
51	Summer															
52	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	2.90		2.90
53	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	2.88		2.88
54	Winter															
55	Secondary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
56	Primary	\$/kWh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
57	Energy Charge															
58	Summer															
59	On-Peak															
60	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.12837	(0.00021)	0.20567
61	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.12775	(0.00021)	0.20482
62	Semi-Peak															
63	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.10658	(0.00021)	0.18388
64	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.10607	(0.00021)	0.18314
65	Off-Peak															
66	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.08719	(0.00021)	0.16449
67	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.08677	(0.00021)	0.16384
68	Winter															
69	On-Peak															
70	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.07539	(0.00021)	0.15269
71	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.07502	(0.00021)	0.15209
72	Semi-Peak															
73	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.06645	(0.00021)	0.14375
74	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.06613	(0.00021)	0.14320
75	Off-Peak															
76	Secondary	\$/kWh	0.01089	0.04583	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07212	0.00539	0.05712	(0.00021)	0.13442
77	Primary	\$/kWh	0.01089	0.04560	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07189	0.00539	0.05685	(0.00021)	0.13392

## REBUTTAL ATTACHMENT D

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>																
2	<i>Less than 20kW</i>																
3	0-20 kW BSF																
4	Secondary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00		25.52	0.00	0.00		25.52	
5	Primary	\$/Month	0.00	25.52	0.00	0.00	0.00	0.00	0.00	0.00		25.52	0.00	0.00		25.52	
6	Non-Coincident Demand																
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	Non-Coincident Demand with Off Peak Exemption																
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	On Peak Demand																
13	Summer																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
16	Winter																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
19	Energy Charge																
20	Summer																
21	On-Peak																
22	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.19663	(0.00021)	0.28100	
23	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.19568	(0.00021)	0.27978	
24	Semi-Peak																
25	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.09438	(0.00021)	0.17875	
26	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.09392	(0.00021)	0.17802	
27	Off-Peak																
28	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.09438	(0.00021)	0.17875	
29	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.09392	(0.00021)	0.17802	
30	Winter																
31	On-Peak																
32	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.06913	(0.00021)	0.15350	
33	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.06881	(0.00021)	0.15291	
34	Semi-Peak																
35	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.05744	(0.00021)	0.14181	
36	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.05716	(0.00021)	0.14126	
37	Off-Peak																
38	Secondary	\$/kWh	0.01089	0.05290	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07919	0.00539	0.05744	(0.00021)	0.14181	
39	Primary	\$/kWh	0.01089	0.05263	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.07892	0.00539	0.05716	(0.00021)	0.14126	
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>																
40	<i>Greater than or equal to 20kW</i>																
41	Basic Service Fee																
42	Secondary	\$/Month	0.00	287.15	0.00	0.00	0.00	0.00	0.00	0.00		287.15	0.00	0.00		287.15	
43	Primary	\$/Month	0.00	144.07	0.00	0.00	0.00	0.00	0.00	0.00		144.07	0.00	0.00		144.07	
44	Non-Coincident Demand																
45	Secondary	\$/kW	0.00	7.46	0.00	0.00	0.00	0.00	0.00	0.00		7.46	0.00	0.00		7.46	
46	Primary	\$/kW	0.00	7.43	0.00	0.00	0.00	0.00	0.00	0.00		7.43	0.00	0.00		7.43	
47	Non-Coincident Demand with Off Peak Exemption																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
50	On Peak Demand																
51	Summer																
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	8.71		8.71	
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	8.67		8.67	
54	Winter																
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
57	Energy Charge																
58	Summer																
59	On-Peak																
60	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.10083	(0.00021)	0.13316	
61	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.10035	(0.00021)	0.13268	
62	Semi-Peak																
63	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.08372	(0.00021)	0.11605	
64	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.08332	(0.00021)	0.11565	
65	Off-Peak																
66	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.06850	(0.00021)	0.10083	
67	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.06817	(0.00021)	0.10050	
68	Winter																
69	On-Peak																
70	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.07539	(0.00021)	0.10772	
71	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.07502	(0.00021)	0.10735	
72	Semi-Peak																
73	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.06645	(0.00021)	0.09878	
74	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.06613	(0.00021)	0.09846	
75	Off-Peak																
76	Secondary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.05712	(0.00021)	0.08945	
77	Primary	\$/kWh	0.01089	0.00086	0.01403	(0.00004)	0.00113	0.00021	0.00007	0.00000		0.02715	0.00539	0.05685	(0.00021)	0.08918	

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
1			LS-1, Mercury Vapor, Class A, Reactor Ballast																1
2	0.192	67	175	7000	1.31	10.84	0.28	0.00	0.01	0.02	0.01	0.00	12.47	0.36113	5.62264	(0.01411)	18.43966	(0.00469)	2
3			LS-1, Mercury Vapor, Class A, Regulator Ballast																3
4	0.210	73	175	7000	1.42	10.98	0.31	0.00	0.01	0.02	0.01	0.00	12.75	0.39347	6.12616	(0.01537)	19.25426	(0.00511)	4
5	0.460	160	400	20000	3.12	16.06	0.67	(0.01)	0.02	0.05	0.02	0.00	19.93	0.86240	13.42720	(0.03369)	34.18591	(0.01120)	5
6			LS-1, HPSV, Class A, Reactor Ballast																6
7	0.083	29	70	5800	0.57	9.95	0.12	0.00	0.00	0.01	0.00	0.00	10.65	0.15631	2.43368	(0.00611)	13.23388	(0.00203)	7
8	0.117	41	100	9500	0.80	10.40	0.17	0.00	0.00	0.01	0.00	0.00	11.38	0.22099	3.44072	(0.00863)	15.03308	(0.00287)	8
9	0.171	59	150	16000	1.15	10.81	0.25	0.00	0.01	0.02	0.01	0.00	12.25	0.31801	4.95128	(0.01242)	17.50687	(0.00413)	9
10			LS-1, HPSV, Class A, Regulator Ballast																10
11	0.246	85	200	22000	1.66	12.19	0.36	0.00	0.01	0.03	0.01	0.00	14.26	0.45815	7.13320	(0.01790)	21.83345	(0.00595)	11
12	0.313	109	250	30000	2.13	13.34	0.46	0.00	0.01	0.03	0.01	0.00	15.98	0.58751	9.14728	(0.02295)	25.69184	(0.00763)	12
13	0.476	165	400	50000	3.22	14.33	0.69	(0.01)	0.02	0.05	0.02	0.00	18.32	0.88935	13.84680	(0.03474)	33.02141	(0.01155)	13
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast																14
15	0.083	29	70	5800	0.57	10.09	0.12	0.00	0.00	0.01	0.00	0.00	10.79	0.15631	2.43368	(0.00611)	13.37388	(0.00203)	15
16	0.117	41	100	9500	0.80	10.60	0.17	0.00	0.00	0.01	0.00	0.00	11.58	0.22099	3.44072	(0.00863)	15.23308	(0.00287)	16
17	0.171	59	150	16000	1.15	10.87	0.25	0.00	0.01	0.02	0.01	0.00	12.31	0.31801	4.95128	(0.01242)	17.56687	(0.00413)	17
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast																18
19	0.246	85	200	22000	1.66	12.23	0.36	0.00	0.01	0.03	0.01	0.00	14.30	0.45815	7.13320	(0.01790)	21.87345	(0.00595)	19
20	0.313	109	250	30000	2.13	13.39	0.46	0.00	0.01	0.03	0.01	0.00	16.03	0.58751	9.14728	(0.02295)	25.74184	(0.00763)	20
21	0.476	165	400	50000	3.22	14.26	0.69	(0.01)	0.02	0.05	0.02	0.00	18.25	0.88935	13.84680	(0.03474)	32.95141	(0.01155)	21
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast																22
23	0.083	29	70	5800	0.57	8.93	0.12	0.00	0.00	0.01	0.00	0.00	9.63	0.15631	2.43368	(0.00611)	12.21388	(0.00203)	23
24	0.117	41	100	9500	0.80	9.42	0.17	0.00	0.00	0.01	0.00	0.00	10.40	0.22099	3.44072	(0.00863)	14.05308	(0.00287)	24
25	0.171	59	150	16000	1.15	9.80	0.25	0.00	0.01	0.02	0.01	0.00	11.24	0.31801	4.95128	(0.01242)	16.49687	(0.00413)	25
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast																26
27	0.246	85	200	22000	1.66	11.18	0.36	0.00	0.01	0.03	0.01	0.00	13.25	0.45815	7.13320	(0.01790)	20.82345	(0.00595)	27
28	0.313	109	250	30000	2.13	12.42	0.46	0.00	0.01	0.03	0.01	0.00	15.06	0.58751	9.14728	(0.02295)	24.77184	(0.00763)	28
29	0.476	165	400	50000	3.22	13.32	0.69	(0.01)	0.02	0.05	0.02	0.00	17.31	0.88935	13.84680	(0.03474)	32.01141	(0.01155)	29
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast																30
31	0.083	29	70	5800	0.57	14.77	0.12	0.00	0.00	0.01	0.00	0.00	15.47	0.15631	2.43368	(0.00611)	18.05388	(0.00203)	31
32	0.117	41	100	9500	0.80	15.12	0.17	0.00	0.00	0.01	0.00	0.00	16.10	0.22099	3.44072	(0.00863)	19.75308	(0.00287)	32
33	0.171	59	150	16000	1.15	15.40	0.25	0.00	0.01	0.02	0.01	0.00	16.84	0.31801	4.95128	(0.01242)	22.09687	(0.00413)	33
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast																34
35	0.246	85	200	22000	1.66	17.78	0.36	0.00	0.01	0.03	0.01	0.00	19.85	0.45815	7.13320	(0.01790)	27.42345	(0.00595)	35
36	0.313	109	250	30000	2.13	18.33	0.46	0.00	0.01	0.03	0.01	0.00	20.97	0.58751	9.14728	(0.02295)	30.68184	(0.00763)	36
37	0.476	165	400	50000	3.22	21.31	0.69	(0.01)	0.02	0.05	0.02	0.00	25.30	0.88935	13.84680	(0.03474)	40.00141	(0.01155)	37
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast																38
39	0.083	29	70	5800	0.57	9.80	0.12	0.00	0.00	0.01	0.00	0.00	10.50	0.15631	2.43368	(0.00611)	13.08388	(0.00203)	39
40	0.117	41	100	9500	0.80	10.09	0.17	0.00	0.00	0.01	0.00	0.00	11.07	0.22099	3.44072	(0.00863)	14.72308	(0.00287)	40
41	0.171	59	150	16000	1.15	10.78	0.25	0.00	0.01	0.02	0.01	0.00	12.22	0.31801	4.95128	(0.01242)	17.47687	(0.00413)	41
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast																42
43	0.246	85	200	22000	1.66	11.55	0.36	0.00	0.01	0.03	0.01	0.00	13.62	0.45815	7.13320	(0.01790)	21.19345	(0.00595)	43
44	0.313	109	250	30000	2.13	13.37	0.46	0.00	0.01	0.03	0.01	0.00	16.01	0.58751	9.14728	(0.02295)	25.72184	(0.00763)	44
45	0.476	165	400	50000	3.22	13.76	0.69	(0.01)	0.02	0.05	0.02	0.00	17.75	0.88935	13.84680	(0.03474)	32.45141	(0.01155)	45

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.		
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)	
46			LS-1, LPSV, Class A																	46
47	0.088	31	55	8000	0.60	13.99	0.13	0.00	0.00	0.01	0.00	0.00	14.73	0.16709	2.60152	(0.00653)	17.49208	(0.00217)		47
48	0.145	50	90	13500	0.98	15.43	0.21	0.00	0.01	0.01	0.01	0.00	16.65	0.26950	4.19600	(0.01053)	21.10497	(0.00350)		48
49	0.206	71	135	22500	1.39	16.37	0.30	0.00	0.01	0.02	0.01	0.00	18.10	0.38269	5.95832	(0.01495)	24.42606	(0.00497)		49
50	0.235	82	180	33000	1.60	18.53	0.35	0.00	0.01	0.02	0.01	0.00	20.52	0.44198	6.88144	(0.01727)	27.82615	(0.00574)		50
51			LS-1, LPSV, Class B, 1-Lamp																	51
52	0.088	31	55	8000	0.60	14.16	0.13	0.00	0.00	0.01	0.00	0.00	14.90	0.16709	2.60152	(0.00653)	17.66208	(0.00217)		52
53	0.145	50	90	13500	0.98	15.60	0.21	0.00	0.01	0.01	0.01	0.00	16.82	0.26950	4.19600	(0.01053)	21.27497	(0.00350)		53
54	0.206	71	135	22500	1.39	16.50	0.30	0.00	0.01	0.02	0.01	0.00	18.23	0.38269	5.95832	(0.01495)	24.55606	(0.00497)		54
55	0.235	82	180	33000	1.60	18.66	0.35	0.00	0.01	0.02	0.01	0.00	20.65	0.44198	6.88144	(0.01727)	27.95615	(0.00574)		55
56			LS-1, LPSV, Class B, 2-Lamp																	56
57	0.088	31	55	8000	0.60	13.52	0.13	0.00	0.00	0.01	0.00	0.00	14.26	0.16709	2.60152	(0.00653)	17.02208	(0.00217)		57
58	0.145	50	90	13500	0.98	14.95	0.21	0.00	0.01	0.01	0.01	0.00	16.17	0.26950	4.19600	(0.01053)	20.62497	(0.00350)		58
59	0.206	71	135	22500	1.39	16.09	0.30	0.00	0.01	0.02	0.01	0.00	17.82	0.38269	5.95832	(0.01495)	24.14606	(0.00497)		59
60	0.235	82	180	33000	1.60	18.25	0.35	0.00	0.01	0.02	0.01	0.00	20.24	0.44198	6.88144	(0.01727)	27.54615	(0.00574)		60
61			LS-1, LPSV, Class C, 1-Lamp																	61
62	0.088	31	55	8000	0.60	17.24	0.13	0.00	0.00	0.01	0.00	0.00	17.98	0.16709	2.60152	(0.00653)	20.74208	(0.00217)		62
63	0.145	50	90	13500	0.98	18.01	0.21	0.00	0.01	0.01	0.01	0.00	19.23	0.26950	4.19600	(0.01053)	23.68497	(0.00350)		63
64	0.206	71	135	22500	1.39	20.20	0.30	0.00	0.01	0.02	0.01	0.00	21.93	0.38269	5.95832	(0.01495)	28.25606	(0.00497)		64
65	0.235	82	180	33000	1.60	20.93	0.35	0.00	0.01	0.02	0.01	0.00	22.92	0.44198	6.88144	(0.01727)	30.22615	(0.00574)		65
66			LS-1, LPSV, Class C, 2-Lamp																	66
67	0.088	31	55	8000	0.60	13.62	0.13	0.00	0.00	0.01	0.00	0.00	14.36	0.16709	2.60152	(0.00653)	17.12208	(0.00217)		67
68	0.145	50	90	13500	0.98	15.08	0.21	0.00	0.01	0.01	0.01	0.00	16.30	0.26950	4.19600	(0.01053)	20.75497	(0.00350)		68
69	0.206	71	135	22500	1.39	16.43	0.30	0.00	0.01	0.02	0.01	0.00	18.16	0.38269	5.95832	(0.01495)	24.48606	(0.00497)		69
70	0.235	82	180	33000	1.60	18.32	0.35	0.00	0.01	0.02	0.01	0.00	20.31	0.44198	6.88144	(0.01727)	27.61615	(0.00574)		70
71			LS-1, Metal Halide, Class A																	71
72	0.132	46	100	8500	0.90	8.36	0.19	0.00	0.01	0.01	0.00	0.00	9.47	0.24794	3.86032	(0.00969)	13.56857	(0.00322)		72
73	0.207	72	175	12000	1.40	8.95	0.30	0.00	0.01	0.02	0.01	0.00	10.69	0.38808	6.04224	(0.01516)	17.10516	(0.00504)		73
74	0.288	100	250	18000	1.95	9.67	0.42	0.00	0.01	0.03	0.01	0.00	12.09	0.53900	8.39200	(0.02106)	20.99994	(0.00700)		74
75	0.444	154	400	32000	3.00	11.45	0.65	(0.01)	0.02	0.05	0.02	0.00	15.18	0.83006	12.92368	(0.03243)	28.90131	(0.01078)		75
76			LS-1, Metal Halide, Class B																	76
77	0.132	46	100	8500	0.90	8.82	0.19	0.00	0.01	0.01	0.00	0.00	9.93	0.24794	3.86032	(0.00969)	14.02857	(0.00322)		77
78	0.207	72	175	12000	1.40	9.40	0.30	0.00	0.01	0.02	0.01	0.00	11.14	0.38808	6.04224	(0.01516)	17.55516	(0.00504)		78
79	0.288	100	250	18000	1.95	10.12	0.42	0.00	0.01	0.03	0.01	0.00	12.54	0.53900	8.39200	(0.02106)	21.44994	(0.00700)		79
80	0.444	154	400	32000	3.00	11.90	0.65	(0.01)	0.02	0.05	0.02	0.00	15.63	0.83006	12.92368	(0.03243)	29.35131	(0.01078)		80
81			LS-1, Metal Halide, Class C																	81
82	0.132	46	100	8500	0.90	20.60	0.19	0.00	0.01	0.01	0.00	0.00	21.71	0.24794	3.86032	(0.00969)	25.80857	(0.00322)		82
83	0.207	72	175	12000	1.40	21.18	0.30	0.00	0.01	0.02	0.01	0.00	22.92	0.38808	6.04224	(0.01516)	29.33516	(0.00504)		83
84	0.288	100	250	18000	1.95	21.90	0.42	0.00	0.01	0.03	0.01	0.00	24.32	0.53900	8.39200	(0.02106)	33.22994	(0.00700)		84
85	0.444	154	400	32000	3.00	23.68	0.65	(0.01)	0.02	0.05	0.02	0.00	27.41	0.83006	12.92368	(0.03243)	41.13131	(0.01078)		85
86			LS-1 Pole in Non-Standard Position																	86
87			30-foot			8.26							8.26					8.26		87
88			35-foot			8.63							8.63					8.63		88
89			LS-2, Mercury Vapor, Rate A, Regulator Ballast																	89
90	0.210	73	175	7000	1.42	3.07	0.31	0.00	0.01	0.02	0.01	0.00	4.84	0.39347	6.12616	(0.01537)	11.34426	(0.00511)		90
91	0.292	101	250	10000	1.97	3.71	0.43	0.00	0.01	0.03	0.01	0.00	6.16	0.54439	8.47592	(0.02127)	15.15904	(0.00707)		91
92	0.460	160	400	20000	3.12	5.02	0.67	(0.01)	0.02	0.05	0.02	0.00	8.89	0.86240	13.42720	(0.03369)	23.14591	(0.01120)		92
93	0.780	271	700	35000	5.29	7.51	1.14	(0.01)	0.03	0.08	0.03	0.00	14.07	1.46069	22.74232	(0.05706)	38.21595	(0.01897)		93
94	1.102	382	1000	55000	7.45	10.02	1.61	(0.02)	0.05	0.11	0.04	0.00	19.26	2.05898	32.05744	(0.08043)	53.29599	(0.02674)		94

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
95			LS-2, Mercury Vapor, Rate A, Reactor Ballast																95
96	0.192	67	175	7000	1.31	2.93	0.28	0.00	0.01	0.02	0.01	0.00	4.56	0.36113	5.62264	(0.01411)	10.52966	(0.00469)	96
97			LS-2, Mercury Vapor, Rate A, Series Service																97
98	0.207	72	175	7000	1.40	3.88	0.30	0.00	0.01	0.02	0.01	0.00	5.62	0.38808	6.04224	(0.01516)	12.03516	(0.00504)	98
99	0.250	87	250	10000	1.70	4.22	0.37	0.00	0.01	0.03	0.01	0.00	6.34	0.46893	7.30104	(0.01832)	14.09165	(0.00609)	99
100	0.445	154	400	20000	3.00	5.74	0.65	(0.01)	0.02	0.05	0.02	0.00	9.47	0.83006	12.92368	(0.03243)	23.19131	(0.01078)	100
101	0.780	271	700	35000	5.29	8.35	1.14	(0.01)	0.03	0.08	0.03	0.00	14.91	1.46069	22.74232	(0.05706)	39.05595	(0.01897)	101
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast																102
103	0.210	73	175	7000	1.42	4.56	0.31	0.00	0.01	0.02	0.01	0.00	6.33	0.39347	6.12616	(0.01537)	12.83426	(0.00511)	103
104	0.292	101	250	10000	1.97	5.20	0.43	0.00	0.01	0.03	0.01	0.00	7.65	0.54439	8.47592	(0.02127)	16.64904	(0.00707)	104
105	0.460	160	400	20000	3.12	6.51	0.67	(0.01)	0.02	0.05	0.02	0.00	10.38	0.86240	13.42720	(0.03369)	24.63591	(0.01120)	105
106			LS-2, Mercury Vapor, Rate B, Series Service																106
107	0.207	72	175	7000	1.40	5.37	0.30	0.00	0.01	0.02	0.01	0.00	7.11	0.38808	6.04224	(0.01516)	13.52516		107
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast																108
109	0.058	20	50	4000	0.39	1.89	0.08	0.00	0.00	0.01	0.00	0.00	2.37	0.10780	1.67840	(0.00421)	4.15199	(0.00140)	109
110	0.101	35	70	5800	0.68	2.22	0.15	0.00	0.00	0.01	0.00	0.00	3.06	0.18865	2.93720	(0.00737)	6.17848	(0.00245)	110
111	0.141	49	100	9500	0.96	2.53	0.21	0.00	0.01	0.01	0.00	0.00	3.72	0.26411	4.11208	(0.01032)	8.08587	(0.00343)	111
112	0.193	67	150	16000	1.31	2.94	0.28	0.00	0.01	0.02	0.01	0.00	4.57	0.36113	5.62264	(0.01411)	10.53966	(0.00469)	112
113	0.246	85	200	22000	1.66	3.35	0.36	0.00	0.01	0.03	0.01	0.00	5.42	0.45815	7.13320	(0.01790)	12.99345	(0.00595)	113
114	0.313	109	250	30000	2.13	3.87	0.46	0.00	0.01	0.03	0.01	0.00	6.51	0.58751	9.14728	(0.02295)	16.22184	(0.00763)	114
115	0.383	133	310	37000	2.59	4.42	0.56	(0.01)	0.02	0.04	0.01	0.00	7.63	0.71687	11.16136	(0.02800)	19.48023	(0.00931)	115
116	0.476	165	400	50000	3.22	5.14	0.69	(0.01)	0.02	0.05	0.02	0.00	9.13	0.88935	13.84680	(0.03474)	23.83141	(0.01155)	116
117	1.102	382	1000	140000	7.45	10.02	1.61	(0.02)	0.05	0.11	0.04	0.00	19.26	2.05898	32.05744	(0.08043)	53.29599	(0.02674)	117
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast																118
119	0.050	17	50	4000	0.33	1.83	0.07	0.00	0.00	0.01	0.00	0.00	2.24	0.09163	1.42664	(0.00358)	3.75469	(0.00119)	119
120	0.083	29	70	5800	0.57	2.08	0.12	0.00	0.00	0.01	0.00	0.00	2.78	0.15631	2.43368	(0.00611)	5.36388	(0.00203)	120
121	0.117	41	100	9500	0.80	2.35	0.17	0.00	0.00	0.01	0.00	0.00	3.33	0.22099	3.44072	(0.00863)	6.98308	(0.00287)	121
122	0.171	59	150	16000	1.15	2.77	0.25	0.00	0.01	0.02	0.01	0.00	4.21	0.31801	4.95128	(0.01242)	9.46687	(0.00413)	122
123			LS-2, HPSV, Rate A, Series Service																123
124	0.064	22	50	4000	0.43	2.77	0.09	0.00	0.00	0.01	0.00	0.00	3.30	0.11858	1.84624	(0.00463)	5.26019	(0.00154)	124
125	0.108	37	70	5800	0.72	3.11	0.16	0.00	0.00	0.01	0.00	0.00	4.00	0.19943	3.10504	(0.00779)	7.29668	(0.00259)	125
126	0.121	42	100	9500	0.82	3.21	0.18	0.00	0.00	0.01	0.00	0.00	4.22	0.22638	3.52464	(0.00884)	7.96218	(0.00294)	126
127	0.174	60	150	16000	1.17	3.63	0.25	0.00	0.01	0.02	0.01	0.00	5.09	0.32340	5.03520	(0.01263)	10.43597	(0.00420)	127
128	0.233	81	200	22000	1.58	4.09	0.34	0.00	0.01	0.02	0.01	0.00	6.05	0.43659	6.79752	(0.01706)	13.26705	(0.00567)	128
129	0.313	109	250	30,000	2.13	4.71	0.46	0.00	0.01	0.03	0.01	0.00	7.35	0.58751	9.14728	(0.02295)	17.06184	(0.00763)	129
130			LS-2, HPSV, Rate B, Regulator Ballast																130
131	0.058	20	50	4000	0.39	3.38	0.08	0.00	0.00	0.01	0.00	0.00	3.86	0.10780	1.67840	(0.00421)	5.64199	(0.00140)	131
132	0.101	35	70	5800	0.68	3.71	0.15	0.00	0.00	0.01	0.00	0.00	4.55	0.18865	2.93720	(0.00737)	7.66848	(0.00245)	132
133	0.141	49	100	9500	0.96	4.02	0.21	0.00	0.01	0.01	0.00	0.00	5.21	0.26411	4.11208	(0.01032)	9.57587	(0.00343)	133
134	0.193	67	150	16000	1.31	4.43	0.28	0.00	0.01	0.02	0.01	0.00	6.06	0.36113	5.62264	(0.01411)	12.02966	(0.00469)	134
135	0.246	85	200	22000	1.66	4.84	0.36	0.00	0.01	0.03	0.01	0.00	6.91	0.45815	7.13320	(0.01790)	14.48345	(0.00595)	135
136	0.313	109	250	30000	2.13	5.36	0.46	0.00	0.01	0.03	0.01	0.00	8.00	0.58751	9.14728	(0.02295)	17.71184	(0.00763)	136
137	0.383	133	310	37000	2.59	5.91	0.56	(0.01)	0.02	0.04	0.01	0.00	9.12	0.71687	11.16136	(0.02800)	20.97023	(0.00931)	137
138	0.476	165	400	50000	3.22	6.63	0.69	(0.01)	0.02	0.05	0.02	0.00	10.62	0.88935	13.84680	(0.03474)	25.32141	(0.01155)	138
139	1.102	382	1000	140000	7.45	11.51	1.61	(0.02)	0.05	0.11	0.04	0.00	20.75	2.05898	32.05744	(0.08043)	54.78599	(0.02674)	139

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING					TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)			
140			LS-2, HPSV, Rate B, Reactor Ballast																	140
141	0.050	17	50	4000	0.33	3.31	0.07	0.00	0.00	0.01	0.00	0.00	0.00	3.72	0.09163	1.42664	(0.00358)	5.23469	(0.00119)	141
142	0.083	29	70	5800	0.57	3.57	0.12	0.00	0.00	0.01	0.00	0.00	0.00	4.27	0.15631	2.43368	(0.00611)	6.85388	(0.00203)	142
143	0.117	41	100	9500	0.80	3.83	0.17	0.00	0.00	0.01	0.00	0.00	0.00	4.81	0.22099	3.44072	(0.00863)	8.46308	(0.00287)	143
144	0.171	59	150	16000	1.15	4.26	0.25	0.00	0.01	0.02	0.01	0.00	0.00	5.70	0.31801	4.95128	(0.01242)	10.95687	(0.00413)	144
145			LS-2, HPSV, Rate B, Series Service																	145
146	0.064	22	50	4000	0.43	4.26	0.09	0.00	0.00	0.01	0.00	0.00	0.00	4.79	0.11858	1.84624	(0.00463)	6.75019	(0.00154)	146
147	0.108	37	70	5800	0.72	4.60	0.16	0.00	0.00	0.01	0.00	0.00	0.00	5.49	0.19943	3.10504	(0.00779)	8.78668	(0.00259)	147
148	0.121	42	100	9500	0.82	4.70	0.18	0.00	0.00	0.01	0.00	0.00	0.00	5.71	0.22638	3.52464	(0.00884)	9.45218	(0.00294)	148
149	0.174	60	150	16000	1.17	5.12	0.25	0.00	0.01	0.02	0.01	0.00	0.00	6.58	0.32340	5.03520	(0.01263)	11.92597	(0.00420)	149
150	0.233	81	200	22000	1.58	5.58	0.34	0.00	0.01	0.02	0.01	0.00	0.00	7.54	0.43659	6.79752	(0.01706)	14.75705	(0.00567)	150
151	0.313	109	250	30,000	2.13	6.20	0.46	0.00	0.01	0.03	0.01	0.00	0.00	8.84	0.58751	9.14728	(0.02295)	18.55184	(0.00763)	151
152			LS-2, LPSV, Rate A																	152
153	0.067	23	35	4800	0.45	1.96	0.10	0.00	0.00	0.01	0.00	0.00	0.00	2.52	0.12397	1.93016	(0.00484)	4.56929	(0.00161)	153
154	0.088	31	55	8000	0.60	2.12	0.13	0.00	0.00	0.01	0.00	0.00	0.00	2.86	0.16709	2.60152	(0.00653)	5.62208	(0.00217)	154
155	0.145	50	90	13500	0.98	2.57	0.21	0.00	0.01	0.01	0.01	0.00	0.00	3.79	0.26950	4.19600	(0.01053)	8.24497	(0.00350)	155
156	0.206	71	135	22500	1.39	3.04	0.30	0.00	0.01	0.02	0.01	0.00	0.00	4.77	0.38269	5.95832	(0.01495)	11.09606	(0.00497)	156
157	0.235	82	180	33000	1.60	3.27	0.35	0.00	0.01	0.02	0.01	0.00	0.00	5.26	0.44198	6.88144	(0.01727)	12.56615	(0.00574)	157
158			LS-2, LPSV, Rate A, Series Service																	158
159	0.050	17	35	4800	0.33	2.66	0.07	0.00	0.00	0.01	0.00	0.00	0.00	3.07	0.09163	1.42664	(0.00358)	4.58469	(0.00119)	159
160	0.072	25	55	8000	0.49	2.83	0.11	0.00	0.00	0.01	0.00	0.00	0.00	3.44	0.13475	2.09800	(0.00526)	5.66749	(0.00175)	160
161	0.130	45	90	13500	0.88	3.29	0.19	0.00	0.01	0.01	0.00	0.00	0.00	4.38	0.24255	3.77640	(0.00948)	8.38947	(0.00315)	161
162	0.185	64	135	22500	1.25	3.71	0.27	0.00	0.01	0.02	0.01	0.00	0.00	5.27	0.34496	5.37088	(0.01348)	10.97236	(0.00448)	162
163	0.219	76	180	33000	1.48	3.98	0.32	0.00	0.01	0.02	0.01	0.00	0.00	5.82	0.40964	6.37792	(0.01600)	12.59156	(0.00532)	163
164			LS-2, Incandescent Lamps, Rate A, Energy Only																	164
165	0.073	25	1,000	0.49	2.00	0.11	0.00	0.00	0.01	0.01	0.00	0.00	0.00	2.61	0.13475	2.09800	(0.00526)	4.83749	(0.00175)	165
166	0.162	56	2,500	1.09	2.70	0.24	0.00	0.01	0.02	0.01	0.00	0.00	0.00	4.07	0.30184	4.69952	(0.01179)	9.05957	(0.00392)	166
167	0.295	102	4,000	1.99	3.73	0.43	0.00	0.01	0.03	0.01	0.00	0.00	0.00	6.20	0.54978	8.55984	(0.02148)	15.28814	(0.00714)	167
168	0.405	141	6,000	2.75	4.59	0.59	(0.01)	0.02	0.04	0.01	0.00	0.00	0.00	7.99	0.75999	11.83272	(0.02969)	20.55302	(0.00987)	168
169	0.608	211	10,000	4.12	6.17	0.89	(0.01)	0.03	0.06	0.02	0.00	0.00	0.00	11.28	1.13729	17.70712	(0.04443)	30.07998	(0.01477)	169
170			LS-2, Incandescent Lamps, Rate B																	170
171	0.405	141	6,000	2.75	6.08	0.59	(0.01)	0.02	0.04	0.01	0.00	0.00	0.00	9.48	0.75999	11.83272	(0.02969)	22.04302	(0.00987)	171
172			LS-2, Metal Halide, Rate A																	172
173	0.068	24	50	2100	0.47	1.97	0.10	0.00	0.00	0.01	0.00	0.00	0.00	2.55	0.12936	2.01408	(0.00505)	4.68839	(0.00168)	173
174	0.132	46	100	8500	0.90	2.46	0.19	0.00	0.01	0.01	0.00	0.00	0.00	3.57	0.24794	3.86032	(0.00969)	7.66857	(0.00322)	174
175	0.207	72	175	12000	1.40	3.05	0.30	0.00	0.01	0.02	0.01	0.00	0.00	4.79	0.38808	6.04224	(0.01516)	11.20516	(0.00504)	175
176	0.288	100	250	18000	1.95	3.68	0.42	0.00	0.01	0.03	0.01	0.00	0.00	6.10	0.53900	8.39200	(0.02106)	15.00994	(0.00700)	176
177	0.444	154	400	32000	3.00	4.89	0.65	(0.01)	0.02	0.05	0.02	0.00	0.00	8.62	0.83006	12.92368	(0.03243)	22.34131	(0.01078)	177
178			LS-2, Metal Halide, Rate B																	178
179	0.068	24	50	2100	0.47	3.45	0.10	0.00	0.00	0.01	0.00	0.00	0.00	4.03	0.12936	2.01408	(0.00505)	6.16839	(0.00168)	179
180	0.132	46	100	8500	0.90	3.95	0.19	0.00	0.01	0.01	0.00	0.00	0.00	5.06	0.24794	3.86032	(0.00969)	9.15857	(0.00322)	180
181	0.207	72	175	12000	1.40	4.54	0.30	0.00	0.01	0.02	0.01	0.00	0.00	6.28	0.38808	6.04224	(0.01516)	12.69516	(0.00504)	181
182	0.288	100	250	18000	1.95	5.17	0.42	0.00	0.01	0.03	0.01	0.00	0.00	7.59	0.53900	8.39200	(0.02106)	16.49994	(0.00700)	182
183	0.444	154	400	32000	3.00	6.38	0.65	(0.01)	0.02	0.05	0.02	0.00	0.00	10.11	0.83006	12.92368	(0.03243)	23.83131	(0.01078)	183
184			LS-2, Induction, Rate A, Five-Lamp																	184
185	0.275	95	55	3500	1.85	3.58	0.40	0.00	0.01	0.03	0.01	0.00	0.00	5.88	0.51205	7.97240	(0.02000)	14.34445	(0.00665)	185
186	0.435	151	87	6000	2.95	4.82	0.64	(0.01)	0.02	0.05	0.02	0.00	0.00	8.49	0.81389	12.67192	(0.03179)	21.94402	(0.01057)	186

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING					TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.		
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)				
187			LS-2, Induction, Rate A, Single-Lamp																		
188	0.040	14	40		0.27	1.75	0.06	0.00	0.00	0.00	0.00	0.00	2.08	0.07546	1.17488	(0.00295)	3.32739		(0.00098)	188	
189	0.050	17	50		0.33	1.83	0.07	0.00	0.00	0.01	0.00	0.00	2.24	0.09163	1.42664	(0.00358)	3.75469		(0.00119)	189	
190	0.055	19	55		0.37	1.86	0.08	0.00	0.00	0.01	0.00	0.00	2.32	0.10241	1.59448	(0.00400)	4.01289		(0.00133)	190	
191	0.070	24	70		0.47	1.98	0.10	0.00	0.00	0.01	0.00	0.00	2.56	0.12936	2.01408	(0.00505)	4.69839		(0.00168)	191	
192	0.080	28	80		0.55	2.06	0.12	0.00	0.00	0.01	0.00	0.00	2.74	0.15092	2.34976	(0.00590)	5.23478		(0.00196)	192	
193	0.085	30	85		0.59	2.10	0.13	0.00	0.00	0.01	0.00	0.00	2.83	0.16170	2.51760	(0.00632)	5.50298		(0.00210)	193	
194	0.100	35	100		0.68	2.21	0.15	0.00	0.00	0.01	0.00	0.00	3.05	0.18865	2.93720	(0.00737)	6.16848		(0.00245)	194	
195	0.150	52	150		1.01	2.60	0.22	0.00	0.01	0.02	0.01	0.00	3.87	0.28028	4.36384	(0.01095)	8.50317		(0.00364)	195	
196	0.165	57	165		1.11	2.72	0.24	0.00	0.01	0.02	0.01	0.00	4.11	0.30723	4.78344	(0.01200)	9.18867		(0.00399)	196	
197	0.200	69	200		1.35	2.99	0.29	0.00	0.01	0.02	0.01	0.00	4.67	0.37191	5.79048	(0.01453)	10.81786		(0.00483)	197	
198	0.250	87	250		1.70	3.38	0.37	0.00	0.01	0.03	0.01	0.00	5.50	0.46893	7.30104	(0.01832)	13.25165		(0.00609)	198	
199	0.300	104	300		2.03	3.77	0.44	0.00	0.01	0.03	0.01	0.00	6.29	0.56056	8.72768	(0.02190)	15.55634		(0.00728)	199	
200	0.400	139	400		2.71	4.55	0.59	(0.01)	0.02	0.04	0.01	0.00	7.91	0.74921	11.66488	(0.02927)	20.29482		(0.00973)	200	
201			LS-2, LED, Rate A, Energy, 1-Lamp																		
202	0.0025	1	2.5		0.02	1.46	0.00	0.00	0.00	0.00	0.00	0.00	1.48	0.00539	0.08392	(0.00021)	1.56910		(0.00007)	202	
203	0.0075	3	7.5		0.06	1.49	0.01	0.00	0.00	0.00	0.00	0.00	1.56	0.01617	0.25176	(0.00063)	1.82730		(0.00021)	203	
204	0.0125	4	12.5		0.08	1.53	0.02	0.00	0.00	0.00	0.00	0.00	1.63	0.02156	0.33568	(0.00084)	1.98640		(0.00028)	204	
205	0.0175	6	17.5		0.12	1.57	0.03	0.00	0.00	0.00	0.00	0.00	1.72	0.03234	0.50352	(0.00126)	2.25460		(0.00042)	205	
206	0.0225	8	22.5		0.16	1.61	0.03	0.00	0.00	0.00	0.00	0.00	1.80	0.04312	0.67136	(0.00168)	2.51280		(0.00056)	206	
207	0.0275	10	27.5		0.20	1.65	0.04	0.00	0.00	0.00	0.00	0.00	1.89	0.05390	0.83920	(0.00211)	2.78099		(0.00070)	207	
208	0.0325	11	32.5		0.21	1.69	0.05	0.00	0.00	0.00	0.00	0.00	1.95	0.05929	0.92312	(0.00232)	2.93009		(0.00077)	208	
209	0.0375	13	37.5		0.25	1.73	0.05	0.00	0.00	0.00	0.00	0.00	2.03	0.07007	1.09096	(0.00274)	3.18829		(0.00091)	209	
210	0.0425	15	42.5		0.29	1.77	0.06	0.00	0.00	0.00	0.00	0.00	2.12	0.08085	1.25880	(0.00316)	3.45649		(0.00105)	210	
211	0.0475	16	47.5		0.31	1.81	0.07	0.00	0.00	0.00	0.00	0.00	2.19	0.08624	1.34272	(0.00337)	3.61559		(0.00112)	211	
212	0.0525	18	52.5		0.35	1.84	0.08	0.00	0.00	0.01	0.00	0.00	2.28	0.09702	1.51056	(0.00379)	3.88379		(0.00126)	212	
213	0.0575	20	57.5		0.39	1.88	0.08	0.00	0.00	0.01	0.00	0.00	2.36	0.10780	1.67840	(0.00421)	4.14199		(0.00140)	213	
214	0.0625	22	62.5		0.43	1.92	0.09	0.00	0.00	0.01	0.00	0.00	2.45	0.11858	1.84624	(0.00463)	4.41019		(0.00154)	214	
215	0.0675	23	67.5		0.45	1.96	0.10	0.00	0.00	0.01	0.00	0.00	2.52	0.12397	1.93016	(0.00484)	4.56929		(0.00161)	215	
216	0.0725	25	72.5		0.49	2.00	0.11	0.00	0.00	0.01	0.00	0.00	2.61	0.13475	2.09800	(0.00526)	4.83749		(0.00175)	216	
217	0.0775	27	77.5		0.53	2.04	0.11	0.00	0.00	0.01	0.00	0.00	2.69	0.14553	2.26584	(0.00569)	5.09568		(0.00189)	217	
218	0.0825	29	82.5		0.57	2.08	0.12	0.00	0.00	0.01	0.00	0.00	2.78	0.15631	2.43368	(0.00611)	5.36388		(0.00203)	218	
219	0.0875	30	87.5		0.59	2.12	0.13	0.00	0.00	0.01	0.00	0.00	2.85	0.16170	2.51760	(0.00632)	5.52298		(0.00210)	219	
220	0.0925	32	92.5		0.62	2.16	0.13	0.00	0.00	0.01	0.00	0.00	2.92	0.17248	2.68544	(0.00674)	5.77118		(0.00224)	220	
221	0.0975	34	97.5		0.66	2.20	0.14	0.00	0.00	0.01	0.00	0.00	3.01	0.18326	2.85328	(0.00716)	6.03938		(0.00238)	221	
222	0.1025	36	102.5		0.70	2.23	0.15	0.00	0.00	0.01	0.00	0.00	3.09	0.19404	3.02112	(0.00758)	6.29758		(0.00252)	222	
223	0.1075	37	107.5		0.72	2.27	0.16	0.00	0.00	0.01	0.00	0.00	3.16	0.19943	3.10504	(0.00779)	6.45668		(0.00259)	223	
224	0.1125	39	112.5		0.76	2.31	0.16	0.00	0.00	0.01	0.00	0.00	3.24	0.21021	3.27288	(0.00821)	6.71488		(0.00273)	224	
225	0.1175	41	117.5		0.80	2.35	0.17	0.00	0.00	0.01	0.00	0.00	3.33	0.22099	3.44072	(0.00863)	6.98308		(0.00287)	225	
226	0.1225	43	122.5		0.84	2.39	0.18	0.00	0.01	0.01	0.00	0.00	3.43	0.23177	3.60856	(0.00905)	7.26128		(0.00301)	226	
227	0.1275	44	127.5		0.86	2.43	0.19	0.00	0.01	0.01	0.00	0.00	3.50	0.23716	3.69248	(0.00926)	7.42038		(0.00308)	227	
228	0.1325	46	132.5		0.90	2.47	0.19	0.00	0.01	0.01	0.00	0.00	3.58	0.24794	3.86032	(0.00969)	7.67857		(0.00322)	228	
229	0.1375	48	137.5		0.94	2.51	0.20	0.00	0.01	0.01	0.00	0.00	3.67	0.25872	4.02816	(0.01011)	7.94677		(0.00336)	229	
230	0.1425	49	142.5		0.96	2.55	0.21	0.00	0.01	0.01	0.00	0.00	3.74	0.26411	4.11208	(0.01032)	8.10587		(0.00343)	230	
231	0.1475	51	147.5		1.00	2.58	0.21	0.00	0.01	0.02	0.01	0.00	3.83	0.27489	4.27992	(0.01074)	8.37407		(0.00357)	231	
232	0.1525	53	152.5		1.03	2.62	0.22	0.00	0.01	0.02	0.01	0.00	3.91	0.28567	4.44776	(0.01116)	8.63227		(0.00371)	232	
233	0.1575	55	157.5		1.07	2.66	0.23	0.00	0.01	0.02	0.01	0.00	4.00	0.29645	4.61560	(0.01158)	8.90047		(0.00385)	233	
234	0.1625	56	162.5		1.09	2.70	0.24	0.00	0.01	0.02	0.01	0.00	4.07	0.30184	4.69952	(0.01179)	9.05957		(0.00392)	234	
235	0.1675	58	167.5		1.13	2.74	0.24	0.00	0.01	0.02	0.01	0.00	4.15	0.31262	4.86736	(0.01221)	9.31777		(0.00406)	235	



REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ONGOING								TOTAL					UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.
			WATTS (A)	LUMENS (B)	TRANS RATE	DIST RATE	PPP RATE	ND RATE	CTC RATE	LGC RATE	RS RATE	TRAC RATE	UDC RATE	DWR-BC RATE	EECC RATE	DWR CREDIT	TOTAL RATE		
					(\$/Lamp) (C)	(\$/Lamp) (D)	(\$/Lamp) (E)	(\$/Lamp) (F)	(\$/Lamp) (G)	(\$/Lamp) (H)	(\$/Lamp) (I)	(\$/Lamp) (J)	(\$/Lamp) (K)	(\$/Lamp) (L)	(\$/Lamp) (M)	(\$/Lamp) (N)	(\$/Lamp) (O)		
236	0.1725	60	172.5		1.17	2.78	0.25	0.00	0.01	0.02	0.01	0.00	4.24	0.32340	5.03520	(0.01263)	9.58597	(0.00420)	236
237	0.1775	62	177.5		1.21	2.82	0.26	0.00	0.01	0.02	0.01	0.00	4.33	0.33418	5.20304	(0.01305)	9.85417	(0.00434)	237
238	0.1825	63	182.5		1.23	2.86	0.27	0.00	0.01	0.02	0.01	0.00	4.40	0.33957	5.28696	(0.01327)	10.01326	(0.00441)	238
239	0.1875	65	187.5		1.27	2.90	0.27	0.00	0.01	0.02	0.01	0.00	4.48	0.35035	5.45480	(0.01369)	10.27146	(0.00455)	239
240	0.1925	67	192.5		1.31	2.94	0.28	0.00	0.01	0.02	0.01	0.00	4.57	0.36113	5.62264	(0.01411)	10.53966	(0.00469)	240
241	0.1975	69	197.5		1.35	2.97	0.29	0.00	0.01	0.02	0.01	0.00	4.65	0.37191	5.79048	(0.01453)	10.79786	(0.00483)	241
242	0.2025	70	202.5		1.37	3.01	0.29	0.00	0.01	0.02	0.01	0.00	4.71	0.37730	5.87440	(0.01474)	10.94696	(0.00490)	242
243	0.2075	72	207.5		1.40	3.05	0.30	0.00	0.01	0.02	0.01	0.00	4.79	0.38808	6.04224	(0.01516)	11.20516	(0.00504)	243
244	0.2125	74	212.5		1.44	3.09	0.31	0.00	0.01	0.02	0.01	0.00	4.88	0.39886	6.21008	(0.01558)	11.47336	(0.00518)	244
245	0.2175	75	217.5		1.46	3.13	0.32	0.00	0.01	0.02	0.01	0.00	4.95	0.40425	6.29400	(0.01579)	11.63246	(0.00525)	245
246	0.2225	77	222.5		1.50	3.17	0.32	0.00	0.01	0.02	0.01	0.00	5.03	0.41503	6.46184	(0.01621)	11.89066	(0.00539)	246
247	0.2275	79	227.5		1.54	3.21	0.33	0.00	0.01	0.02	0.01	0.00	5.12	0.42581	6.62968	(0.01663)	12.15886	(0.00553)	247
248	0.2325	81	232.5		1.58	3.25	0.34	0.00	0.01	0.02	0.01	0.00	5.21	0.43659	6.79752	(0.01706)	12.42705	(0.00567)	248
249	0.2375	82	237.5		1.60	3.29	0.35	0.00	0.01	0.02	0.01	0.00	5.28	0.44198	6.88144	(0.01727)	12.58615	(0.00574)	249
250	0.2425	84	242.5		1.64	3.32	0.35	0.00	0.01	0.03	0.01	0.00	5.36	0.45276	7.04928	(0.01769)	12.84435	(0.00588)	250
251	0.2475	86	247.5		1.68	3.36	0.36	0.00	0.01	0.03	0.01	0.00	5.45	0.46354	7.21712	(0.01811)	13.11255	(0.00602)	251
252	0.2525	88	252.5		1.72	3.40	0.37	0.00	0.01	0.03	0.01	0.00	5.54	0.47432	7.38496	(0.01853)	13.38075	(0.00616)	252
253	0.2575	89	257.5		1.74	3.44	0.37	0.00	0.01	0.03	0.01	0.00	5.60	0.47971	7.46888	(0.01874)	13.52985	(0.00623)	253
254	0.2625	91	262.5		1.78	3.48	0.38	0.00	0.01	0.03	0.01	0.00	5.69	0.49049	7.63672	(0.01916)	13.79805	(0.00637)	254
255	0.2675	93	267.5		1.81	3.52	0.39	0.00	0.01	0.03	0.01	0.00	5.77	0.50127	7.80456	(0.01958)	14.05625	(0.00651)	255
256	0.2725	95	272.5		1.85	3.56	0.40	0.00	0.01	0.03	0.01	0.00	5.86	0.51205	7.97240	(0.02000)	14.32445	(0.00665)	256
257	0.2775	96	277.5		1.87	3.60	0.40	0.00	0.01	0.03	0.01	0.00	5.92	0.51744	8.05632	(0.02021)	14.47355	(0.00672)	257
258	0.2825	98	282.5		1.91	3.64	0.41	0.00	0.01	0.03	0.01	0.00	6.01	0.52822	8.22416	(0.02063)	14.74175	(0.00686)	258
259	0.2875	100	287.5		1.95	3.68	0.42	0.00	0.01	0.03	0.01	0.00	6.10	0.53900	8.39200	(0.02106)	15.00994	(0.00700)	259
260	0.2925	102	292.5		1.99	3.71	0.43	0.00	0.01	0.03	0.01	0.00	6.18	0.54978	8.55984	(0.02148)	15.26814	(0.00714)	260
261	0.2975	103	297.5		2.01	3.75	0.43	0.00	0.01	0.03	0.01	0.00	6.24	0.55517	8.64376	(0.02169)	15.41724	(0.00721)	261
262	0.3025	105	302.5		2.05	3.79	0.44	0.00	0.01	0.03	0.01	0.00	6.33	0.56595	8.81160	(0.02211)	15.68544	(0.00735)	262
263	0.3075	107	307.5		2.09	3.83	0.45	0.00	0.01	0.03	0.01	0.00	6.42	0.57673	8.97944	(0.02253)	15.95364	(0.00749)	263
264	0.3125	108	312.5		2.11	3.87	0.45	0.00	0.01	0.03	0.01	0.00	6.48	0.58212	9.06336	(0.02274)	16.10274	(0.00756)	264
265	0.3175	110	317.5		2.15	3.91	0.46	0.00	0.01	0.03	0.01	0.00	6.57	0.59290	9.23120	(0.02316)	16.37094	(0.00770)	265
266	0.3225	112	322.5		2.19	3.95	0.47	0.00	0.01	0.03	0.01	0.00	6.66	0.60368	9.39904	(0.02358)	16.63914	(0.00784)	266
267	0.3275	114	327.5		2.22	3.99	0.48	0.00	0.01	0.03	0.01	0.00	6.74	0.61446	9.56688	(0.02400)	16.89734	(0.00798)	267
268	0.3325	115	332.5		2.24	4.03	0.48	0.00	0.01	0.03	0.01	0.00	6.80	0.61985	9.65080	(0.02421)	17.04644	(0.00805)	268
269	0.3375	117	337.5		2.28	4.06	0.49	0.00	0.01	0.04	0.01	0.00	6.89	0.63063	9.81864	(0.02464)	17.31463	(0.00819)	269
270	0.3425	119	342.5		2.32	4.10	0.50	0.00	0.01	0.04	0.01	0.00	6.98	0.64141	9.98648	(0.02506)	17.58283	(0.00833)	270
271	0.3475	121	347.5		2.36	4.14	0.51	0.00	0.01	0.04	0.01	0.00	7.07	0.65219	10.15432	(0.02548)	17.85103	(0.00847)	271
272	0.3525	122	352.5		2.38	4.18	0.51	0.00	0.01	0.04	0.01	0.00	7.13	0.65758	10.23824	(0.02569)	18.00013	(0.00854)	272
273	0.3575	124	357.5		2.42	4.22	0.52	0.00	0.01	0.04	0.01	0.00	7.22	0.66836	10.40608	(0.02611)	18.26833	(0.00868)	273
274	0.3625	126	362.5		2.46	4.26	0.53	(0.01)	0.01	0.04	0.01	0.00	7.30	0.67914	10.57392	(0.02653)	18.52653	(0.00882)	274
275	0.3675	128	367.5		2.50	4.30	0.54	(0.01)	0.02	0.04	0.01	0.00	7.40	0.68992	10.74176	(0.02695)	18.80473	(0.00896)	275
276	0.3725	129	372.5		2.52	4.34	0.54	(0.01)	0.02	0.04	0.01	0.00	7.46	0.69531	10.82568	(0.02716)	18.95383	(0.00903)	276
277	0.3775	131	377.5		2.56	4.38	0.55	(0.01)	0.02	0.04	0.01	0.00	7.55	0.70609	10.99352	(0.02758)	19.22203	(0.00917)	277
278	0.3825	133	382.5		2.59	4.42	0.56	(0.01)	0.02	0.04	0.01	0.00	7.63	0.71687	11.16136	(0.02800)	19.48023	(0.00931)	278
279	0.3875	134	387.5		2.61	4.45	0.56	(0.01)	0.02	0.04	0.01	0.00	7.68	0.72226	11.24528	(0.02821)	19.61933	(0.00938)	279
280	0.3925	136	392.5		2.65	4.49	0.57	(0.01)	0.02	0.04	0.01	0.00	7.77	0.73304	11.41312	(0.02864)	19.88752	(0.00952)	280
281	0.3975	138	397.5		2.69	4.53	0.58	(0.01)	0.02	0.04	0.01	0.00	7.86	0.74382	11.58096	(0.02906)	20.15572	(0.00966)	281
282																			282

REBUTTAL ATTACHMENT D

ILLUSTRATIVE PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
283			LS-3 (CLOSED)															283	
284			Energy Charge (\$/kWh)		0.01951	0.05930	0.00421	(0.00004)	0.00012	0.00030	0.00010	0.00000	0.08350	0.00539	0.08392	(0.00021)	0.17260	(0.00007)	284
285			Minimum Charge (\$/month)			9.10							9.10				9.10		285
286																			286
287			OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast																287
288	0.117	41	100	9500	0.80	12.40	0.17	0.00	0.00	0.01	0.00	0.00	13.38	0.22099	3.44072	(0.00863)	17.03308	(0.00287)	288
289	0.171	59	150	16000	1.15	12.79	0.25	0.00	0.01	0.02	0.01	0.00	14.23	0.31801	4.95128	(0.01242)	19.48687	(0.00413)	289
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast																290
291	0.313	109	250	30000	2.13	15.76	0.46	0.00	0.01	0.03	0.01	0.00	18.40	0.58751	9.14728	(0.02295)	28.11184	(0.00763)	291
292	0.476	165	400	50000	3.22	16.66	0.69	(0.01)	0.02	0.05	0.02	0.00	20.65	0.88935	13.84680	(0.03474)	35.35141	(0.01155)	292
293	1.102	382	1000	140000	7.45	21.87	1.61	(0.02)	0.05	0.11	0.04	0.00	31.11	2.05898	32.05744	(0.08043)	65.14599	(0.02674)	293
294			OL-1, HPSV, Rate B, Directional Luminaire																294
295	0.313	109	250	30000	2.13	16.92	0.46	0.00	0.01	0.03	0.01	0.00	19.56	0.58751	9.14728	(0.02295)	29.27184	(0.00763)	295
296	0.476	165	400	50000	3.22	18.45	0.69	(0.01)	0.02	0.05	0.02	0.00	22.44	0.88935	13.84680	(0.03474)	37.14141	(0.01155)	296
297	1.102	382	1000	140000	7.45	26.16	1.61	(0.02)	0.05	0.11	0.04	0.00	35.40	2.05898	32.05744	(0.08043)	69.43599	(0.02674)	297
298			OL-1, LPSV, Rate A, Street Light Luminaire																298
299	0.088	31	55	8000	0.60	17.14	0.13	0.00	0.00	0.01	0.00	0.00	17.88	0.16709	2.60152	(0.00653)	20.64208	(0.00217)	299
300	0.145	50	90	13000	0.98	18.87	0.21	0.00	0.01	0.01	0.01	0.00	20.09	0.26950	4.19600	(0.01053)	24.54497	(0.00350)	300
301	0.206	71	135	22500	1.39	19.96	0.30	0.00	0.01	0.02	0.01	0.00	21.69	0.38269	5.95832	(0.01495)	28.01606	(0.00497)	301
302	0.235	82	180	33000	1.60	22.71	0.35	0.00	0.01	0.02	0.01	0.00	24.70	0.44198	6.88144	(0.01727)	32.00615	(0.00574)	302
303			OL-1 Pole in Non-Standard Position																303
304			30-foot			13.91							13.91				13.91		304
305			35-foot			14.54							14.54				14.54		305
306			OL-2																306
307			Energy Charge (\$/kwh)		0.01951	0.11762	0.00421	(0.00004)	0.00012	0.00030	0.00010	0.00000	0.14182	0.00539	0.08384	(0.00021)	0.23084	(0.00007)	307
308			Basic Service Fee (\$/month)			13.76							13.76				13.76000		308
309																			309
310			DWL, Facilities Charges																310
311			\$ of Utility Investment			0.0115							0.0115						311
312			DWL, Energy and Lamp Maintenance Charge																312
313	0.059	20	50 Watt HPSV		0.39	3.38	0.08	0.00	0.00	0.01	0.00	0.00	3.86	0.10780	1.67840	(0.00421)	5.64199	(0.00140)	313
314			DWL, Minimum Charge			59.58							59.58				59.58		314

**ATTACHMENT E**

**ILLUSTRATIVE BILL IMPACTS FOR YEAR 2**

Attachment E represents bill impacts based on the illustrative rates presented in Attachment D and applied to historic usage associated with SDG&E's residential, commercial, and agricultural customers. The illustrative bill impacts are based on the historic usage identified below and assume no change in usage or demand. The bill impact tables displayed in this workbook hold constant the 2016 Residential Rate Reform design as approved in D.15-07-001 and implemented in Advice Letter 2861-E-A for all three years with the exception of the baseline allowance transition glidepath which includes anticipated changes for the same three-year period.

#### Commercial

- Year over year changes comparing Rebuttal Year 1 and Rebuttal Year 2
- Commercial tab depicts customers per impact range. Tables are differentiated by rate schedule.
- **Schedule ALTOU**
  - SDG&E's standard rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule ALTOUDGR**
  - SDG&E's optional distributed generation rate schedule for Medium/Large Commercial & Industrial customers. Service under this Schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this Schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule TOU-A**
  - SDG&E's standard rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule A6TOU**
  - SDG&E's optional rate schedule available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period. The applicable commodity schedule for customers taking service on this Schedule is EEC-CPD, unless the customer has noticed its right to opt-out to the Utility. For opt-out provisions, refer to schedule EEC-CPD.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule ATOU**
  - SDG&E's optional rate schedule available to customers receiving general service including lighting, appliances, heating, and power, or any combination thereof, including common use and not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule ATC**
  - Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule OLTOU**
  - Outdoor Lighting applicable to metered outdoor sports and recreation area lighting load, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's maximum monthly demand; and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule AD**
  - SDG&E's optional rate schedule applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance.
  - Bill impacts include Secondary customers only.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule AYTou**
  - SDG&E's optional rate schedule available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule Small Commercial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule Small Commercial Two-Period Rate**
  - SDG&E's optional two-period rate schedule for Small Commercial customers, based on Schedule TOU-A. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule Medium/Large Commercial & Industrial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impact comparisons compare Schedule AL-TOU as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

#### Residential

- Year over year changes comparing Rebuttal Year 1 and Rebuttal Year 2
- Residential tabs depict bill impacts per customer usage level. Tables are differentiated by climate zone (Inland, Coastal, Mountain, Desert), season (Summer, Winter, Annual), and service type (Basic, All-Electric)
- **Schedule DR**
  - SDG&E's standard rate schedule applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- **Schedule DR-LI**
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

### Agricultural

- Year over year changes comparing Rebuttal Year 1 and Rebuttal Year 2
- Agricultural tab depicts customers per impact range. Tables are differentiated by rate schedule.
  
- **Schedule PA-T-1**
  - SDG&E's optional rate schedule available to agricultural and water pumping customers whose Maximum Monthly Demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kwhrs and are also classified by the above NAICS Codes.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- **Schedule TOU-PA**
  - SDG&E's standard rate schedule available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- **Schedule Large Agricultural Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule available to customers whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 20 kw, but does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016
  
- **Schedule Small Agricultural Two-Period Rate**
  - SDG&E's optional two-period rate schedule, based on Schedule TOU-PA, available to customers whose monthly maximum demand does not equal or exceed 20kW for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016

### Streetlighting

- Year over year changes comparing Rebuttal Year 1 and Rebuttal Year 2
- Streetlighting impacts are based on the most recent customer data (2015)
  
- **Schedule LS-1**
  - Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.
  
- **Schedule LS-2**
  - Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.
  
- **Schedule OL-1**
  - Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.
  
- **Schedule LS-3**
  - Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.
  
- **Schedule OL-2**
  - SDG&E's optional rate schedule applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule ALTOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	2	0.01%	0.01%	40,870	\$ 7,713.16	\$ 7,388.34	\$ (324.82)	-4.2%	4
5	-4.0% to -2%	10,415	47.53%	47.54%	58,547	\$ 11,019.92	\$ 10,690.58	\$ (329.33)	-3.0%	5
6	-2.0% to 0%	8,384	38.26%	85.80%	11,137	\$ 2,677.70	\$ 2,641.43	\$ (36.27)	-1.4%	6
7	0.0% to 2%	2,013	9.19%	94.99%	41,605	\$ 1,486.03	\$ 1,495.45	\$ 9.42	0.6%	7
8	2.0% to 4%	562	2.56%	97.55%	2,067	\$ 3,713.35	\$ 3,852.67	\$ 139.32	3.8%	8
9	4.0% to 6%	226	1.03%	98.59%	872	\$ 539.22	\$ 564.62	\$ 25.40	4.7%	9
10	6.0% to 8%	74	0.34%	98.92%	441	\$ 348.83	\$ 372.50	\$ 23.66	6.8%	10
11	8.0% to 10%	53	0.24%	99.16%	233	\$ 270.42	\$ 294.18	\$ 23.76	8.8%	11
12	>10.0%	183	0.84%	100.00%	49	\$ 162.44	\$ 185.56	\$ 23.12	14.2%	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,980</b>	<b>\$ 6,503.64</b>	<b>\$ 6,338.23</b>	<b>\$ (165.41)</b>	<b>-2.5%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule ALTOUDGR (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	12	3.96%	3.96%	111,437	\$ 25,223.96	\$ 24,134.68	\$ (1,089.29)	-4.3%	4
5	-4.0% to -2%	104	34.32%	38.28%	30,305	\$ 8,024.25	\$ 7,776.59	\$ (247.66)	-3.1%	5
6	-2.0% to 0%	71	23.43%	61.72%	8,579	\$ 2,913.20	\$ 2,878.34	\$ (34.86)	-1.2%	6
7	0.0% to 2%	43	14.19%	75.91%	3,774	\$ 1,931.68	\$ 1,949.96	\$ 18.28	0.9%	7
8	2.0% to 4%	30	9.90%	85.81%	1,662	\$ 1,591.43	\$ 1,636.61	\$ 45.17	2.8%	8
9	4.0% to 6%	19	6.27%	92.08%	263	\$ 1,137.85	\$ 1,194.07	\$ 56.22	4.9%	9
10	6.0% to 8%	4	1.32%	93.40%	146	\$ 508.04	\$ 542.81	\$ 34.77	6.8%	10
11	8.0% to 10%	4	1.32%	94.72%	(18,539)	\$ (1,414.65)	\$ (1,082.29)	\$ 332.36	8.6%	11
12	>10.0%	16	5.28%	100.00%	(4,599)	\$ 305.97	\$ 433.70	\$ 127.73	41.7%	12
	<b>Total</b>	<b>303</b>	<b>100.00%</b>	<b>100.00%</b>	<b>17,056</b>	<b>\$ 4,943.04</b>	<b>\$ 4,828.91</b>	<b>\$ (114.13)</b>	<b>-2.3%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule TOU-A (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	4	0.00%	0.00%	(21)	\$ (2.08)	\$ (3.94)	\$ (1.86)	-9.5%	2
3	-8.0% to -6%	3	0.00%	0.01%	(266)	\$ (52.20)	\$ (55.42)	\$ (3.22)	-6.2%	3
4	-6.0% to -4%	2	0.00%	0.01%	(786)	\$ (177.38)	\$ (186.07)	\$ (8.69)	-4.9%	4
5	-4.0% to -2%	10	0.01%	0.02%	(1,508)	\$ (305.30)	\$ (312.68)	\$ (7.38)	-2.4%	5
6	-2.0% to 0%	23	0.02%	0.04%	24	\$ (48.34)	\$ (49.95)	\$ (1.61)	-0.9%	6
7	0.0% to 2%	294	0.25%	0.28%	3,469	\$ 697.92	\$ 710.41	\$ 12.50	1.8%	7
8	2.0% to 4%	21,820	18.22%	18.50%	7,213	\$ 1,554.30	\$ 1,605.99	\$ 51.69	3.3%	8
9	4.0% to 6%	52,038	43.44%	61.94%	1,472	\$ 329.83	\$ 345.28	\$ 15.45	4.7%	9
10	6.0% to 8%	19,082	15.93%	77.87%	413	\$ 101.86	\$ 108.66	\$ 6.80	6.7%	10
11	8.0% to 10%	6,974	5.82%	83.70%	184	\$ 51.10	\$ 55.59	\$ 4.50	8.8%	11
12	10.0% to 12%	3,527	2.94%	86.64%	103	\$ 32.77	\$ 36.34	\$ 3.57	10.9%	12
13	12.0% to 14%	2,282	1.91%	88.54%	66	\$ 24.30	\$ 27.46	\$ 3.16	13.0%	13
14	14.0% to 16%	1,799	1.50%	90.05%	44	\$ 19.56	\$ 22.49	\$ 2.93	15.0%	14
15	16.0% to 18%	1,659	1.39%	91.43%	29	\$ 16.13	\$ 18.87	\$ 2.74	17.0%	15
16	18.0% to 20%	1,399	1.17%	92.60%	18	\$ 13.73	\$ 16.35	\$ 2.63	19.1%	16
17	>20%	8,864	7.40%	100.00%	3	\$ 10.54	\$ 13.02	\$ 2.48	23.6%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 450.20</b>	<b>\$ 468.16</b>	<b>\$ 17.96</b>	<b>4.0%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule A6TOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	11	36.67%	36.67%	7,201,795	\$ 912,874.18	\$ 888,093.62	\$ (24,780.56)	-2.7%	5
6	-2.0% to 0%	5	16.67%	53.33%	293,935	\$ 65,778.78	\$ 64,985.91	\$ (792.87)	-1.2%	6
7	0.0% to 2%	11	36.67%	90.00%	660,056	\$ 41,587.13	\$ 41,700.20	\$ 113.08	0.3%	7
8	2.0% to 4%	1	3.33%	93.33%	164,078	\$ 200,041.33	\$ 205,816.41	\$ 5,775.08	2.9%	8
9	4.0% to 6%	1	3.33%	96.67%	9	\$ 2,961.45	\$ 3,080.34	\$ 118.90	4.0%	9
10	6.0% to 8%	1	3.33%	100.00%	291	\$ 3,401.87	\$ 3,642.07	\$ 240.20	7.1%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	-	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	-	12
	<b>Total</b>	<b>30</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,937,147</b>	<b>\$ 367,812.43</b>	<b>\$ 358,840.01</b>	<b>\$ (8,972.42)</b>	<b>-2.4%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule ATOU (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	0	0.00%	0.00%	-	-	-	-	-	5
6	-2.0% to 0%	0	0.00%	0.00%	-	-	-	-	-	6
7	0.0% to 2%	5	3.13%	3.13%	1,805	\$ 330.06	\$ 335.63	\$ 5.57	1.7%	7
8	2.0% to 4%	119	74.38%	77.50%	5,797	\$ 1,118.81	\$ 1,151.68	\$ 32.86	2.9%	8
9	4.0% to 6%	27	16.88%	94.38%	2,917	\$ 644.01	\$ 674.16	\$ 30.15	4.7%	9
10	6.0% to 8%	7	4.38%	98.75%	1,923	\$ 485.19	\$ 518.90	\$ 33.72	6.9%	10
11	8.0% to 10%	2	1.25%	100.00%	1,050	\$ 331.81	\$ 362.51	\$ 30.70	9.3%	11
12	10.0% to 12%	0	0.00%	100.00%	-	-	-	-	-	12
13	12.0% to 14%	0	0.00%	100.00%	-	-	-	-	-	13
14	14.0% to 16%	0	0.00%	100.00%	-	-	-	-	-	14
15	16.0% to 18%	0	0.00%	100.00%	-	-	-	-	-	15
16	18.0% to 20%	0	0.00%	100.00%	-	-	-	-	-	16
17	>20%	0	0.00%	100.00%	-	-	-	-	-	17
	<b>Total</b>	<b>160</b>	<b>100.00%</b>	<b>100.00%</b>	<b>4,957</b>	<b>\$ 976.48</b>	<b>\$ 1,008.05</b>	<b>\$ 31.56</b>	<b>3.2%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule ATC (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	0	0.00%	0.00%	-	-	-	-	-	5
6	-2.0% to 0%	0	0.00%	0.00%	-	-	-	-	-	6
7	0.0% to 2%	0	0.00%	0.00%	-	-	-	-	-	7
8	2.0% to 4%	3	0.04%	0.04%	7,424	\$ 1,129.01	\$ 1,173.21	\$ 44.21	3.9%	8
9	4.0% to 6%	2,850	40.94%	40.99%	1,228	\$ 193.79	\$ 202.87	\$ 9.08	4.7%	9
10	6.0% to 8%	2,775	39.86%	80.85%	341	\$ 60.45	\$ 64.64	\$ 4.19	6.9%	10
11	8.0% to 10%	814	11.69%	92.54%	208	\$ 40.55	\$ 44.01	\$ 3.47	8.6%	11
12	>10.0%	519	7.46%	100.00%	39	\$ 15.20	\$ 17.75	\$ 2.55	16.8%	12
	<b>Total</b>	<b>6,961</b>	<b>100.00%</b>	<b>100.00%</b>	<b>669</b>	<b>\$ 109.80</b>	<b>\$ 115.80</b>	<b>\$ 6.00</b>	<b>5.5%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule OLTou (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	68	76.40%	76.40%	6,350	\$ 1,498.87	\$ 1,461.42	\$ (37.45)	-2.5%	5
6	-2.0% to 0%	18	20.22%	96.63%	1,617	\$ 348.26	\$ 341.25	\$ (7.01)	-2.0%	6
7	0.0% to 2%	3	3.37%	100.00%	466	\$ 130.56	\$ 131.38	\$ 0.82	0.6%	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	-	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	-	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	-	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	-	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	-	12
	<b>Total</b>	<b>89</b>	<b>100.00%</b>	<b>100.00%</b>	<b>5,194</b>	<b>\$ 1,220.04</b>	<b>\$ 1,190.03</b>	<b>\$ (30.01)</b>	<b>-2.5%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule Small Commercial Cost-Based Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	11	0.01%	0.01%	(1,011)	\$ (7.97)	\$ (11.70)	\$ (3.73)	-46.8%	1
2	-10.0% to -8%	4	0.00%	0.01%	(1,777)	\$ (34.60)	\$ (40.10)	\$ (5.50)	-9.3%	2
3	-8.0% to -6%	1	0.00%	0.01%	(841)	\$ 42.67	\$ 39.62	\$ (3.05)	-7.1%	3
4	-6.0% to -4%	10	0.01%	0.02%	(1,416)	\$ 17.97	\$ 13.24	\$ (4.73)	-5.1%	4
5	-4.0% to -2%	8	0.01%	0.03%	(509)	\$ 26.45	\$ 24.56	\$ (1.90)	-2.9%	5
6	-2.0% to 0%	78	0.07%	0.09%	(236)	\$ 141.36	\$ 140.59	\$ (0.78)	-0.5%	6
7	0.0% to 2%	107,994	90.16%	90.25%	970	\$ 268.05	\$ 271.82	\$ 3.77	1.4%	7
8	2.0% to 4%	11,674	9.75%	100.00%	12,001	\$ 1,939.17	\$ 1,987.95	\$ 48.78	2.5%	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	-	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	-	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	-	11
12	10.0% to 12%	0	0.00%	100.00%	-	-	-	-	-	12
13	12.0% to 14%	0	0.00%	100.00%	-	-	-	-	-	13
14	14.0% to 16%	0	0.00%	100.00%	-	-	-	-	-	14
15	16.0% to 18%	0	0.00%	100.00%	-	-	-	-	-	15
16	18.0% to 20%	0	0.00%	100.00%	-	-	-	-	-	16
17	>20%	0	0.00%	100.00%	-	-	-	-	-	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 430.77</b>	<b>\$ 438.91</b>	<b>\$ 8.15</b>	<b>1.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule Small Commercial Two-Period Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	1	0.00%	0.00%	(516)	\$ (86.42)	\$ (88.26)	\$ (1.84)	-2.1%	5
6	-2.0% to 0%	13	0.01%	0.01%	(752)	\$ (255.33)	\$ (257.64)	\$ (2.31)	-0.9%	6
7	0.0% to 2%	37	0.03%	0.04%	294	\$ (77.29)	\$ (76.30)	\$ 0.99	1.3%	7
8	2.0% to 4%	23,319	19.47%	19.51%	7,180	\$ 1,554.00	\$ 1,608.73	\$ 54.74	3.5%	8
9	4.0% to 6%	53,472	44.64%	64.15%	1,301	\$ 291.88	\$ 305.32	\$ 13.44	4.6%	9
10	6.0% to 8%	16,639	13.89%	78.04%	358	\$ 88.91	\$ 94.88	\$ 5.97	6.7%	10
11	8.0% to 10%	6,576	5.49%	83.53%	178	\$ 49.46	\$ 53.83	\$ 4.37	8.8%	11
12	10.0% to 12%	3,556	2.97%	86.50%	103	\$ 32.68	\$ 36.24	\$ 3.56	10.9%	12
13	12.0% to 14%	2,357	1.97%	88.47%	68	\$ 24.83	\$ 28.05	\$ 3.22	13.0%	13
14	14.0% to 16%	1,812	1.51%	89.98%	44	\$ 19.46	\$ 22.37	\$ 2.91	15.0%	14
15	16.0% to 18%	1,678	1.40%	91.38%	29	\$ 16.27	\$ 19.06	\$ 2.79	17.1%	15
16	18.0% to 20%	1,429	1.19%	92.58%	19	\$ 13.93	\$ 16.58	\$ 2.65	19.0%	16
17	>20%	8,891	7.42%	100.00%	3	\$ 10.52	\$ 13.02	\$ 2.50	23.7%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 450.78</b>	<b>\$ 468.97</b>	<b>\$ 18.19</b>	<b>4.0%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
**Schedule Medium/Large Commercial & Industrial Cost-Based Option (Annual Billing Period)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	180	0.82%	0.82%	11,249	\$ 19,108.64	\$ 18,593.52	\$ (515.12)	-2.7%	5
6	-2.0% to 0%	21,527	98.24%	99.06%	31,480	\$ 6,139.50	\$ 6,066.93	\$ (72.57)	-1.2%	6
7	0.0% to 2%	205	0.94%	100.00%	530,151	\$ 22,055.23	\$ 22,056.27	\$ 1.03	0.0%	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	-	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	-	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	-	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	-	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	-	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,979</b>	<b>\$ 6,394.94</b>	<b>\$ 6,319.42</b>	<b>\$ (75.51)</b>	<b>-1.2%</b>	



REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule PAT-1 (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	26	5.34%	5.34%	56,735	\$ 11,776.57	\$ 11,511.40	\$ (265.17)	-2.3%	5
6	-2.0% to 0%	331	67.97%	73.31%	44,147	\$ 6,751.83	\$ 6,671.23	\$ (80.60)	-1.2%	6
7	0.0% to 2%	76	15.61%	88.91%	4,426	\$ 862.89	\$ 867.28	\$ 4.39	0.5%	7
8	2.0% to 4%	24	4.93%	93.84%	1,164	\$ 350.73	\$ 360.11	\$ 9.39	2.7%	8
9	4.0% to 6%	10	2.05%	95.89%	567	\$ 222.31	\$ 233.16	\$ 10.86	4.9%	9
10	6.0% to 8%	1	0.21%	96.10%	465	\$ 165.19	\$ 177.22	\$ 12.03	7.3%	10
11	8.0% to 10%	5	1.03%	97.13%	183	\$ 136.66	\$ 149.12	\$ 12.46	9.1%	11
12	>10.0%	14	2.87%	100.00%	19	\$ 85.90	\$ 98.95	\$ 13.05	15.2%	12
	<b>Total</b>	<b>487</b>	<b>100.00%</b>	<b>100.00%</b>	<b>33,798</b>	<b>\$ 5,378.48</b>	<b>\$ 5,311.44</b>	<b>\$ (67.04)</b>	<b>-1.2%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule TOU-PA (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	19	0.55%	0.55%	20,110	\$ 3,505.91	\$ 3,355.50	\$ (150.41)	-4.3%	4
5	-4.0% to -2%	145	4.17%	4.72%	12,741	\$ 2,258.35	\$ 2,193.18	\$ (65.18)	-2.9%	5
6	-2.0% to 0%	401	11.53%	16.25%	4,895	\$ 875.78	\$ 867.92	\$ (7.86)	-0.9%	6
7	0.0% to 2%	670	19.27%	35.52%	2,152	\$ 401.29	\$ 404.81	\$ 3.53	0.9%	7
8	2.0% to 4%	465	13.37%	48.89%	1,439	\$ 278.90	\$ 286.67	\$ 7.77	2.8%	8
9	4.0% to 6%	334	9.61%	58.50%	1,327	\$ 262.43	\$ 275.64	\$ 13.21	5.0%	9
10	6.0% to 8%	251	7.22%	65.72%	625	\$ 136.48	\$ 146.81	\$ 10.33	7.6%	10
11	8.0% to 10%	186	5.35%	71.07%	670	\$ 144.01	\$ 157.77	\$ 13.76	9.6%	11
12	>10.0%	1,006	28.93%	100.00%	286	\$ 76.11	\$ 95.03	\$ 18.91	24.9%	12
	<b>Total</b>	<b>3,477</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,104</b>	<b>\$ 393.75</b>	<b>\$ 399.25</b>	<b>\$ 5.50</b>	<b>1.4%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule Agricultural Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	1	0.15%	0.15%	(4,539)	\$ 32.32	\$ 27.15	\$ (5.17)	-16.0%	1
2	-10.0% to -8%	0	0.00%	0.15%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.15%	-	-	-	-	-	3
4	-6.0% to -4%	1	0.15%	0.31%	(6,192)	\$ 540.28	\$ 517.74	\$ (22.54)	-4.2%	4
5	-4.0% to -2%	8	1.23%	1.54%	3,648	\$ 5,048.15	\$ 4,917.87	\$ (130.28)	-2.6%	5
6	-2.0% to 0%	641	98.46%	100.00%	8,461	\$ 1,767.40	\$ 1,753.12	\$ (14.28)	-0.8%	6
7	0.0% to 2%	0	0.00%	100.00%	-	-	-	-	-	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	-	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	-	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	-	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	-	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	-	12
	<b>Total</b>	<b>651</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8,360</b>	<b>\$ 1,803.16</b>	<b>\$ 1,787.46</b>	<b>\$ (15.70)</b>	<b>-0.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule Agricultural Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	-	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	-	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	-	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	-	4
5	-4.0% to -2%	17	0.60%	0.60%	2,570	\$ 433.80	\$ 423.01	\$ (10.79)	-2.5%	5
6	-2.0% to 0%	392	13.87%	14.47%	3,553	\$ 442.50	\$ 439.29	\$ (3.22)	-0.7%	6
7	0.0% to 2%	486	17.20%	31.67%	74	\$ 204.77	\$ 206.91	\$ 2.14	1.0%	7
8	2.0% to 4%	416	14.72%	46.39%	478	\$ 103.14	\$ 106.09	\$ 2.96	2.9%	8
9	4.0% to 6%	260	9.20%	55.59%	256	\$ 65.41	\$ 68.77	\$ 3.35	5.1%	9
10	6.0% to 8%	206	7.29%	62.88%	150	\$ 47.72	\$ 51.15	\$ 3.43	7.2%	10
11	8.0% to 10%	178	6.30%	69.18%	98	\$ 38.57	\$ 42.12	\$ 3.55	9.2%	11
12	>10.0%	871	30.82%	100.00%	17	\$ 24.48	\$ 28.19	\$ 3.71	15.1%	12
	<b>Total</b>	<b>2,826</b>	<b>100.00%</b>	<b>100.00%</b>	<b>637</b>	<b>\$ 133.86</b>	<b>\$ 136.08</b>	<b>\$ 2.22</b>	<b>1.7%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DR (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	65,540	6.8%	6.8%	\$ 15.21	\$ 15.67	\$ 0.46	3.02%	1
2	Between 101 and 200 kWh	125,530	13.0%	13.0%	\$ 30.85	\$ 32.04	\$ 1.19	3.86%	2
3	Between 201 and 300 kWh	169,483	17.6%	17.6%	\$ 51.28	\$ 53.33	\$ 2.05	4.00%	3
4	Between 301 and 400 kWh	162,745	16.9%	16.9%	\$ 76.90	\$ 80.05	\$ 3.15	4.10%	4
5	Between 401 and 500 kWh	131,513	13.7%	13.7%	\$ 109.96	\$ 114.38	\$ 4.42	4.02%	5
6	Between 501 and 600 kWh	95,400	9.9%	9.9%	\$ 148.31	\$ 154.15	\$ 5.84	3.94%	6
7	Between 601 and 700 kWh	65,486	6.8%	6.8%	\$ 188.70	\$ 196.06	\$ 7.36	3.90%	7
8	Between 701 and 800 kWh	44,311	4.6%	4.6%	\$ 229.97	\$ 238.89	\$ 8.92	3.88%	8
9	Between 801 and 900 kWh	30,123	3.1%	3.1%	\$ 271.30	\$ 281.79	\$ 10.49	3.87%	9
10	Between 901 and 1000 kWh	20,191	2.1%	2.1%	\$ 312.94	\$ 325.01	\$ 12.07	3.86%	10
11	Between 1001 and 1100 kWh	13,619	1.4%	1.4%	\$ 354.66	\$ 368.28	\$ 13.62	3.84%	11
12	Between 1101 and 1200 kWh	9,454	1.0%	1.0%	\$ 396.66	\$ 411.80	\$ 15.14	3.82%	12
13	Between 1201 and 1300 kWh	6,568	0.7%	0.7%	\$ 438.55	\$ 455.39	\$ 16.84	3.84%	13
14	Between 1301 and 1400 kWh	4,729	0.5%	0.5%	\$ 480.41	\$ 498.79	\$ 18.38	3.83%	14
15	Between 1401 and 1500 kWh	3,408	0.4%	0.4%	\$ 522.38	\$ 542.28	\$ 19.90	3.81%	15
16	Between 1501 and 2000 kWh	8,174	0.8%	0.8%	\$ 632.35	\$ 655.99	\$ 23.64	3.74%	16
17	Between 2001 and 2500 kWh	2,833	0.3%	0.3%	\$ 848.81	\$ 879.92	\$ 31.11	3.67%	17
18	Between 2501 and 3000 kWh	1,310	0.1%	0.1%	\$ 1,065.07	\$ 1,103.82	\$ 38.75	3.64%	18
19	> 3000 kWh	1,762	0.2%	0.2%	\$ 1,841.55	\$ 1,907.89	\$ 66.34	3.60%	19
	Total	962,179	100.0%	100.0%	\$ 124.15	\$ 128.99	\$ 4.84	3.90%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DR (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	79,462	8.3%	8.3%	\$ 15.06	\$ 15.53	\$ 0.47	3.12%	1
2	Between 101 and 200 kWh	146,407	15.2%	15.2%	\$ 28.46	\$ 29.62	\$ 1.16	4.08%	2
3	Between 201 and 300 kWh	190,633	19.8%	19.8%	\$ 46.33	\$ 48.21	\$ 1.88	4.06%	3
4	Between 301 and 400 kWh	172,438	17.9%	17.9%	\$ 67.66	\$ 70.41	\$ 2.75	4.06%	4
5	Between 401 and 500 kWh	126,350	13.1%	13.1%	\$ 97.45	\$ 101.47	\$ 4.02	4.13%	5
6	Between 501 and 600 kWh	83,650	8.7%	8.7%	\$ 133.21	\$ 138.87	\$ 5.66	4.25%	6
7	Between 601 and 700 kWh	53,581	5.6%	5.6%	\$ 169.97	\$ 177.41	\$ 7.44	4.38%	7
8	Between 701 and 800 kWh	34,607	3.6%	3.6%	\$ 207.14	\$ 216.36	\$ 9.22	4.45%	8
9	Between 801 and 900 kWh	22,191	2.3%	2.3%	\$ 244.36	\$ 255.29	\$ 10.93	4.47%	9
10	Between 901 and 1000 kWh	14,656	1.5%	1.5%	\$ 282.26	\$ 294.77	\$ 12.51	4.43%	10
11	Between 1001 and 1100 kWh	9,908	1.0%	1.0%	\$ 319.62	\$ 333.77	\$ 14.15	4.43%	11
12	Between 1101 and 1200 kWh	6,991	0.7%	0.7%	\$ 357.61	\$ 373.44	\$ 15.83	4.43%	12
13	Between 1201 and 1300 kWh	4,686	0.5%	0.5%	\$ 395.13	\$ 412.66	\$ 17.53	4.44%	13
14	Between 1301 and 1400 kWh	3,389	0.4%	0.4%	\$ 433.44	\$ 452.52	\$ 19.08	4.40%	14
15	Between 1401 and 1500 kWh	2,436	0.3%	0.3%	\$ 472.70	\$ 493.39	\$ 20.69	4.38%	15
16	Between 1501 and 2000 kWh	6,176	0.6%	0.6%	\$ 573.28	\$ 597.63	\$ 24.35	4.25%	16
17	Between 2001 and 2500 kWh	2,180	0.2%	0.2%	\$ 778.23	\$ 810.06	\$ 31.83	4.09%	17
18	Between 2501 and 3000 kWh	1,022	0.1%	0.1%	\$ 973.16	\$ 1,012.37	\$ 39.21	4.03%	18
19	> 3000 kWh	1,416	0.1%	0.1%	\$ 1,721.37	\$ 1,789.15	\$ 67.78	3.94%	19
	Total	962,179	100.0%	100.0%	\$ 97.65	\$ 101.78	\$ 4.13	4.23%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DR (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	80,391	8.4%	8.4%	\$ 12.93	\$ 13.27	\$ 0.34	2.63%	1
2	Between 101 and 200 kWh	109,394	11.4%	11.4%	\$ 32.18	\$ 33.33	\$ 1.15	3.57%	2
3	Between 201 and 300 kWh	138,303	14.4%	14.4%	\$ 53.85	\$ 55.82	\$ 1.97	3.66%	3
4	Between 301 and 400 kWh	134,837	14.0%	14.0%	\$ 80.22	\$ 83.54	\$ 3.32	4.14%	4
5	Between 401 and 500 kWh	116,678	12.1%	12.1%	\$ 116.87	\$ 121.74	\$ 4.87	4.17%	5
6	Between 501 and 600 kWh	93,552	9.7%	9.7%	\$ 159.59	\$ 165.80	\$ 6.21	3.89%	6
7	Between 601 and 700 kWh	71,932	7.5%	7.5%	\$ 203.97	\$ 211.53	\$ 7.56	3.71%	7
8	Between 701 and 800 kWh	54,342	5.6%	5.6%	\$ 248.99	\$ 257.91	\$ 8.92	3.58%	8
9	Between 801 and 900 kWh	40,544	4.2%	4.2%	\$ 294.23	\$ 304.52	\$ 10.29	3.50%	9
10	Between 901 and 1000 kWh	30,074	3.1%	3.1%	\$ 340.11	\$ 351.85	\$ 11.74	3.45%	10
11	Between 1001 and 1100 kWh	22,676	2.4%	2.4%	\$ 385.83	\$ 399.03	\$ 13.20	3.42%	11
12	Between 1101 and 1200 kWh	16,479	1.7%	1.7%	\$ 431.77	\$ 446.44	\$ 14.67	3.40%	12
13	Between 1201 and 1300 kWh	12,160	1.3%	1.3%	\$ 478.05	\$ 494.23	\$ 16.18	3.38%	13
14	Between 1301 and 1400 kWh	8,751	0.9%	0.9%	\$ 523.58	\$ 541.21	\$ 17.63	3.37%	14
15	Between 1401 and 1500 kWh	6,523	0.7%	0.7%	\$ 570.25	\$ 589.44	\$ 19.19	3.37%	15
16	Between 1501 and 2000 kWh	15,403	1.6%	1.6%	\$ 686.18	\$ 709.10	\$ 22.92	3.34%	16
17	Between 2001 and 2500 kWh	5,112	0.5%	0.5%	\$ 923.36	\$ 953.92	\$ 30.56	3.31%	17
18	Between 2501 and 3000 kWh	2,163	0.2%	0.2%	\$ 1,157.48	\$ 1,195.67	\$ 38.19	3.30%	18
19	> 3000 kWh	2,865	0.3%	0.3%	\$ 1,960.39	\$ 2,024.63	\$ 64.24	3.28%	19
	Total	962,179	100.0%	100.0%	\$ 161.24	\$ 167.07	\$ 5.83	3.62%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	34,124	7.5%	7.5%	\$ 13.86	\$ 14.28	\$ 0.42	3.03%	1
2	Between 101 and 200 kWh	64,493	14.1%	14.1%	\$ 30.09	\$ 31.24	\$ 1.15	3.82%	2
3	Between 201 and 300 kWh	80,556	17.6%	17.6%	\$ 51.03	\$ 52.93	\$ 1.90	3.72%	3
4	Between 301 and 400 kWh	76,771	16.8%	16.8%	\$ 77.30	\$ 80.13	\$ 2.83	3.66%	4
5	Between 401 and 500 kWh	61,170	13.4%	13.4%	\$ 112.47	\$ 116.53	\$ 4.06	3.61%	5
6	Between 501 and 600 kWh	43,486	9.5%	9.5%	\$ 152.77	\$ 158.24	\$ 5.47	3.58%	6
7	Between 601 and 700 kWh	29,307	6.4%	6.4%	\$ 194.60	\$ 201.56	\$ 6.96	3.58%	7
8	Between 701 and 800 kWh	19,565	4.3%	4.3%	\$ 236.92	\$ 245.36	\$ 8.44	3.56%	8
9	Between 801 and 900 kWh	13,256	2.9%	2.9%	\$ 279.25	\$ 289.18	\$ 9.93	3.56%	9
10	Between 901 and 1000 kWh	8,908	1.9%	1.9%	\$ 322.00	\$ 333.44	\$ 11.44	3.55%	10
11	Between 1001 and 1100 kWh	6,176	1.4%	1.4%	\$ 364.50	\$ 377.44	\$ 12.94	3.55%	11
12	Between 1101 and 1200 kWh	4,395	1.0%	1.0%	\$ 407.04	\$ 421.48	\$ 14.44	3.55%	12
13	Between 1201 and 1300 kWh	3,043	0.7%	0.7%	\$ 449.86	\$ 465.82	\$ 15.96	3.55%	13
14	Between 1301 and 1400 kWh	2,252	0.5%	0.5%	\$ 492.35	\$ 509.84	\$ 17.49	3.55%	14
15	Between 1401 and 1500 kWh	1,662	0.4%	0.4%	\$ 535.15	\$ 554.10	\$ 18.95	3.54%	15
16	Between 1501 and 2000 kWh	4,311	0.9%	0.9%	\$ 645.95	\$ 668.81	\$ 22.86	3.54%	16
17	Between 2001 and 2500 kWh	1,662	0.4%	0.4%	\$ 860.93	\$ 891.37	\$ 30.44	3.54%	17
18	Between 2501 and 3000 kWh	810	0.2%	0.2%	\$ 1,074.91	\$ 1,112.89	\$ 37.98	3.53%	18
19	> 3000 kWh	1,123	0.2%	0.2%	\$ 1,855.91	\$ 1,921.62	\$ 65.71	3.54%	19
	<b>Total</b>	<b>457,070</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 125.73</b>	<b>\$ 130.25</b>	<b>\$ 4.52</b>	<b>3.60%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	39,404	8.6%	8.6%	\$ 13.89	\$ 14.32	\$ 0.43	3.10%	1
2	Between 101 and 200 kWh	72,354	15.8%	15.8%	\$ 27.86	\$ 29.01	\$ 1.15	4.13%	2
3	Between 201 and 300 kWh	87,532	19.2%	19.2%	\$ 46.39	\$ 48.25	\$ 1.86	4.01%	3
4	Between 301 and 400 kWh	80,477	17.6%	17.6%	\$ 68.78	\$ 71.51	\$ 2.73	3.97%	4
5	Between 401 and 500 kWh	59,643	13.0%	13.0%	\$ 100.97	\$ 104.93	\$ 3.96	3.92%	5
6	Between 501 and 600 kWh	39,656	8.7%	8.7%	\$ 138.75	\$ 144.16	\$ 5.41	3.90%	6
7	Between 601 and 700 kWh	25,299	5.5%	5.5%	\$ 177.23	\$ 184.15	\$ 6.92	3.90%	7
8	Between 701 and 800 kWh	16,274	3.6%	3.6%	\$ 216.07	\$ 224.48	\$ 8.41	3.89%	8
9	Between 801 and 900 kWh	10,386	2.3%	2.3%	\$ 255.02	\$ 264.93	\$ 9.91	3.89%	9
10	Between 901 and 1000 kWh	6,991	1.5%	1.5%	\$ 294.00	\$ 305.42	\$ 11.42	3.88%	10
11	Between 1001 and 1100 kWh	4,716	1.0%	1.0%	\$ 332.85	\$ 345.76	\$ 12.91	3.88%	11
12	Between 1101 and 1200 kWh	3,299	0.7%	0.7%	\$ 372.55	\$ 387.02	\$ 14.47	3.88%	12
13	Between 1201 and 1300 kWh	2,289	0.5%	0.5%	\$ 411.22	\$ 427.18	\$ 15.96	3.88%	13
14	Between 1301 and 1400 kWh	1,605	0.4%	0.4%	\$ 450.78	\$ 468.29	\$ 17.51	3.88%	14
15	Between 1401 and 1500 kWh	1,211	0.3%	0.3%	\$ 489.31	\$ 508.32	\$ 19.01	3.89%	15
16	Between 1501 and 2000 kWh	3,241	0.7%	0.7%	\$ 589.83	\$ 612.64	\$ 22.81	3.87%	16
17	Between 2001 and 2500 kWh	1,228	0.3%	0.3%	\$ 792.61	\$ 823.14	\$ 30.53	3.85%	17
18	Between 2501 and 3000 kWh	594	0.1%	0.1%	\$ 984.48	\$ 1,022.41	\$ 37.93	3.85%	18
19	> 3000 kWh	871	0.2%	0.2%	\$ 1,755.98	\$ 1,823.52	\$ 67.54	3.85%	19
	<b>Total</b>	<b>457,070</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 101.61</b>	<b>\$ 105.59</b>	<b>\$ 3.98</b>	<b>3.92%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	40,873	8.9%	8.9%	\$ 12.50	\$ 12.83	\$ 0.33	2.64%	1
2	Between 101 and 200 kWh	57,167	12.5%	12.5%	\$ 31.89	\$ 33.02	\$ 1.13	3.54%	2
3	Between 201 and 300 kWh	69,182	15.1%	15.1%	\$ 53.72	\$ 55.57	\$ 1.85	3.44%	3
4	Between 301 and 400 kWh	66,477	14.5%	14.5%	\$ 80.81	\$ 83.55	\$ 2.74	3.39%	4
5	Between 401 and 500 kWh	55,262	12.1%	12.1%	\$ 120.43	\$ 124.46	\$ 4.03	3.35%	5
6	Between 501 and 600 kWh	42,918	9.4%	9.4%	\$ 165.14	\$ 170.62	\$ 5.48	3.32%	6
7	Between 601 and 700 kWh	31,631	6.9%	6.9%	\$ 210.70	\$ 217.65	\$ 6.95	3.30%	7
8	Between 701 and 800 kWh	23,105	5.1%	5.1%	\$ 256.71	\$ 265.17	\$ 8.46	3.30%	8
9	Between 801 and 900 kWh	16,870	3.7%	3.7%	\$ 302.50	\$ 312.44	\$ 9.94	3.29%	9
10	Between 901 and 1000 kWh	12,495	2.7%	2.7%	\$ 348.69	\$ 360.11	\$ 11.42	3.28%	10
11	Between 1001 and 1100 kWh	9,382	2.1%	2.1%	\$ 394.80	\$ 407.72	\$ 12.92	3.27%	11
12	Between 1101 and 1200 kWh	6,730	1.5%	1.5%	\$ 440.86	\$ 455.28	\$ 14.42	3.27%	12
13	Between 1201 and 1300 kWh	5,061	1.1%	1.1%	\$ 487.41	\$ 503.34	\$ 15.93	3.27%	13
14	Between 1301 and 1400 kWh	3,742	0.8%	0.8%	\$ 533.32	\$ 550.75	\$ 17.43	3.27%	14
15	Between 1401 and 1500 kWh	2,892	0.6%	0.6%	\$ 579.81	\$ 598.72	\$ 18.91	3.26%	15
16	Between 1501 and 2000 kWh	7,334	1.6%	1.6%	\$ 696.83	\$ 719.55	\$ 22.72	3.26%	16
17	Between 2001 and 2500 kWh	2,792	0.6%	0.6%	\$ 932.94	\$ 963.31	\$ 30.37	3.26%	17
18	Between 2501 and 3000 kWh	1,299	0.3%	0.3%	\$ 1,163.87	\$ 1,201.71	\$ 37.84	3.25%	18
19	> 3000 kWh	1,858	0.4%	0.4%	\$ 1,963.50	\$ 2,027.24	\$ 63.74	3.25%	19
	<b>Total</b>	<b>457,070</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 159.51</b>	<b>\$ 164.78</b>	<b>\$ 5.27</b>	<b>3.30%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,159	3.8%	3.8%	\$ 13.91	\$ 14.43	\$ 0.52	3.74%	1
2	Between 101 and 200 kWh	24,635	22.2%	22.2%	\$ 29.51	\$ 30.71	\$ 1.20	4.07%	2
3	Between 201 and 300 kWh	31,494	28.4%	28.4%	\$ 49.39	\$ 51.82	\$ 2.43	4.92%	3
4	Between 301 and 400 kWh	21,989	19.9%	19.9%	\$ 74.72	\$ 79.38	\$ 4.66	6.24%	4
5	Between 401 and 500 kWh	12,911	11.7%	11.7%	\$ 104.76	\$ 111.81	\$ 7.05	6.73%	5
6	Between 501 and 600 kWh	6,739	6.1%	6.1%	\$ 137.31	\$ 147.06	\$ 9.75	7.10%	6
7	Between 601 and 700 kWh	3,490	3.2%	3.2%	\$ 173.23	\$ 186.22	\$ 12.99	7.50%	7
8	Between 701 and 800 kWh	1,894	1.7%	1.7%	\$ 211.06	\$ 226.89	\$ 15.83	7.50%	8
9	Between 801 and 900 kWh	1,073	1.0%	1.0%	\$ 251.26	\$ 269.23	\$ 17.97	7.15%	9
10	Between 901 and 1000 kWh	654	0.6%	0.6%	\$ 293.20	\$ 313.01	\$ 19.81	6.76%	10
11	Between 1001 and 1100 kWh	399	0.4%	0.4%	\$ 334.20	\$ 355.75	\$ 21.55	6.45%	11
12	Between 1101 and 1200 kWh	252	0.2%	0.2%	\$ 375.10	\$ 398.11	\$ 23.01	6.13%	12
13	Between 1201 and 1300 kWh	232	0.2%	0.2%	\$ 419.45	\$ 443.97	\$ 24.52	5.85%	13
14	Between 1301 and 1400 kWh	145	0.1%	0.1%	\$ 462.02	\$ 488.15	\$ 26.13	5.66%	14
15	Between 1401 and 1500 kWh	114	0.1%	0.1%	\$ 501.82	\$ 529.58	\$ 27.76	5.53%	15
16	Between 1501 and 2000 kWh	289	0.3%	0.3%	\$ 611.38	\$ 642.93	\$ 31.55	5.16%	16
17	Between 2001 and 2500 kWh	115	0.1%	0.1%	\$ 829.70	\$ 869.03	\$ 39.33	4.74%	17
18	Between 2501 and 3000 kWh	58	0.1%	0.1%	\$ 1,044.13	\$ 1,091.03	\$ 46.90	4.49%	18
19	> 3000 kWh	110	0.1%	0.1%	\$ 1,695.18	\$ 1,765.30	\$ 70.12	4.14%	19
	<b>Total</b>	<b>110,752</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 78.51</b>	<b>\$ 83.26</b>	<b>\$ 4.75</b>	<b>6.05%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	5,235	4.7%	4.7%	\$ 13.12	\$ 13.62	\$ 0.50	3.81%	1
2	Between 101 and 200 kWh	28,418	25.7%	25.7%	\$ 27.25	\$ 28.39	\$ 1.14	4.18%	2
3	Between 201 and 300 kWh	32,607	29.4%	29.4%	\$ 44.53	\$ 46.40	\$ 1.87	4.20%	3
4	Between 301 and 400 kWh	20,171	18.2%	18.2%	\$ 63.40	\$ 66.36	\$ 2.96	4.67%	4
5	Between 401 and 500 kWh	10,541	9.5%	9.5%	\$ 84.00	\$ 89.10	\$ 5.10	6.07%	5
6	Between 501 and 600 kWh	5,572	5.0%	5.0%	\$ 108.37	\$ 117.53	\$ 9.16	8.45%	6
7	Between 601 and 700 kWh	2,999	2.7%	2.7%	\$ 138.87	\$ 152.89	\$ 14.02	10.10%	7
8	Between 701 and 800 kWh	1,760	1.6%	1.6%	\$ 173.89	\$ 191.23	\$ 17.34	9.97%	8
9	Between 801 and 900 kWh	1,071	1.0%	1.0%	\$ 211.93	\$ 231.36	\$ 19.43	9.17%	9
10	Between 901 and 1000 kWh	608	0.5%	0.5%	\$ 249.89	\$ 271.26	\$ 21.37	8.55%	10
11	Between 1001 and 1100 kWh	426	0.4%	0.4%	\$ 289.32	\$ 312.25	\$ 22.93	7.93%	11
12	Between 1101 and 1200 kWh	281	0.3%	0.3%	\$ 328.17	\$ 352.75	\$ 24.58	7.49%	12
13	Between 1201 and 1300 kWh	236	0.2%	0.2%	\$ 365.72	\$ 391.76	\$ 26.04	7.12%	13
14	Between 1301 and 1400 kWh	141	0.1%	0.1%	\$ 405.08	\$ 432.73	\$ 27.65	6.83%	14
15	Between 1401 and 1500 kWh	116	0.1%	0.1%	\$ 446.53	\$ 475.75	\$ 29.22	6.54%	15
16	Between 1501 and 2000 kWh	309	0.3%	0.3%	\$ 547.01	\$ 580.13	\$ 33.12	6.05%	16
17	Between 2001 and 2500 kWh	111	0.1%	0.1%	\$ 743.47	\$ 784.09	\$ 40.62	5.46%	17
18	Between 2501 and 3000 kWh	60	0.1%	0.1%	\$ 942.10	\$ 990.53	\$ 48.43	5.14%	18
19	> 3000 kWh	90	0.1%	0.1%	\$ 1,653.13	\$ 1,728.71	\$ 75.58	4.57%	19
	<b>Total</b>	<b>110,752</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 63.50</b>	<b>\$ 67.30</b>	<b>\$ 3.80</b>	<b>5.98%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,282	5.7%	5.7%	\$ 13.46	\$ 13.92	\$ 0.46	3.42%	1
2	Between 101 and 200 kWh	23,462	21.2%	21.2%	\$ 31.48	\$ 32.65	\$ 1.17	3.72%	2
3	Between 201 and 300 kWh	26,649	24.1%	24.1%	\$ 52.90	\$ 55.25	\$ 2.35	4.44%	3
4	Between 301 and 400 kWh	19,684	17.8%	17.8%	\$ 81.21	\$ 87.44	\$ 6.23	7.67%	4
5	Between 401 and 500 kWh	13,351	12.1%	12.1%	\$ 120.67	\$ 130.57	\$ 9.90	8.20%	5
6	Between 501 and 600 kWh	8,163	7.4%	7.4%	\$ 165.10	\$ 177.03	\$ 11.93	7.23%	6
7	Between 601 and 700 kWh	4,946	4.5%	4.5%	\$ 210.32	\$ 223.92	\$ 13.60	6.47%	7
8	Between 701 and 800 kWh	2,914	2.6%	2.6%	\$ 256.16	\$ 271.33	\$ 15.17	5.92%	8
9	Between 801 and 900 kWh	1,673	1.5%	1.5%	\$ 301.37	\$ 318.06	\$ 16.69	5.54%	9
10	Between 901 and 1000 kWh	1,123	1.0%	1.0%	\$ 348.06	\$ 366.29	\$ 18.23	5.24%	10
11	Between 1001 and 1100 kWh	678	0.6%	0.6%	\$ 394.44	\$ 414.17	\$ 19.73	5.00%	11
12	Between 1101 and 1200 kWh	449	0.4%	0.4%	\$ 441.19	\$ 462.46	\$ 21.27	4.82%	12
13	Between 1201 and 1300 kWh	299	0.3%	0.3%	\$ 488.03	\$ 510.86	\$ 22.83	4.68%	13
14	Between 1301 and 1400 kWh	187	0.2%	0.2%	\$ 532.92	\$ 557.18	\$ 24.26	4.55%	14
15	Between 1401 and 1500 kWh	155	0.1%	0.1%	\$ 580.34	\$ 606.15	\$ 25.81	4.45%	15
16	Between 1501 and 2000 kWh	372	0.3%	0.3%	\$ 701.09	\$ 730.79	\$ 29.70	4.24%	16
17	Between 2001 and 2500 kWh	155	0.1%	0.1%	\$ 932.84	\$ 970.02	\$ 37.18	3.99%	17
18	Between 2501 and 3000 kWh	74	0.1%	0.1%	\$ 1,168.09	\$ 1,212.95	\$ 44.86	3.84%	18
19	> 3000 kWh	136	0.1%	0.1%	\$ 1,904.21	\$ 1,972.89	\$ 68.68	3.61%	19
	<b>Total</b>	<b>110,752</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 99.54</b>	<b>\$ 105.61</b>	<b>\$ 6.07</b>	<b>6.10%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	22,820	7.4%	7.4%	\$ 17.15	\$ 17.64	\$ 0.49	2.86%	1
2	Between 101 and 200 kWh	25,965	8.4%	8.4%	\$ 33.79	\$ 35.03	\$ 1.24	3.67%	2
3	Between 201 and 300 kWh	40,398	13.1%	13.1%	\$ 53.66	\$ 55.63	\$ 1.97	3.67%	3
4	Between 301 and 400 kWh	48,529	15.8%	15.8%	\$ 78.16	\$ 81.00	\$ 2.84	3.63%	4
5	Between 401 and 500 kWh	46,290	15.1%	15.1%	\$ 110.13	\$ 114.08	\$ 3.95	3.59%	5
6	Between 501 and 600 kWh	37,388	12.2%	12.2%	\$ 148.66	\$ 153.96	\$ 5.30	3.57%	6
7	Between 601 and 700 kWh	27,333	8.9%	8.9%	\$ 189.39	\$ 196.13	\$ 6.74	3.56%	7
8	Between 701 and 800 kWh	19,030	6.2%	6.2%	\$ 231.15	\$ 239.38	\$ 8.23	3.56%	8
9	Between 801 and 900 kWh	12,870	4.2%	4.2%	\$ 273.19	\$ 282.92	\$ 9.73	3.56%	9
10	Between 901 and 1000 kWh	8,492	2.8%	2.8%	\$ 315.09	\$ 326.32	\$ 11.23	3.56%	10
11	Between 1001 and 1100 kWh	5,467	1.8%	1.8%	\$ 357.49	\$ 370.28	\$ 12.79	3.58%	11
12	Between 1101 and 1200 kWh	3,674	1.2%	1.2%	\$ 399.39	\$ 413.66	\$ 14.27	3.57%	12
13	Between 1201 and 1300 kWh	2,406	0.8%	0.8%	\$ 442.65	\$ 458.47	\$ 15.82	3.57%	13
14	Between 1301 and 1400 kWh	1,672	0.5%	0.5%	\$ 483.36	\$ 500.68	\$ 17.32	3.58%	14
15	Between 1401 and 1500 kWh	1,136	0.4%	0.4%	\$ 526.30	\$ 545.08	\$ 18.78	3.57%	15
16	Between 1501 and 2000 kWh	2,539	0.8%	0.8%	\$ 631.90	\$ 654.39	\$ 22.49	3.56%	16
17	Between 2001 and 2500 kWh	783	0.3%	0.3%	\$ 844.85	\$ 874.80	\$ 29.95	3.55%	17
18	Between 2501 and 3000 kWh	330	0.1%	0.1%	\$ 1,063.64	\$ 1,101.54	\$ 37.90	3.56%	18
19	> 3000 kWh	398	0.1%	0.1%	\$ 1,881.52	\$ 1,948.20	\$ 66.68	3.54%	19
	Total	307,520	100.0%	100.0%	\$ 139.54	\$ 144.53	\$ 4.99	3.58%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	29,516	9.6%	9.6%	\$ 16.83	\$ 17.33	\$ 0.50	2.97%	1
2	Between 101 and 200 kWh	31,885	10.4%	10.4%	\$ 30.76	\$ 32.00	\$ 1.24	4.03%	2
3	Between 201 and 300 kWh	51,622	16.8%	16.8%	\$ 47.66	\$ 49.58	\$ 1.92	4.03%	3
4	Between 301 and 400 kWh	57,372	18.7%	18.7%	\$ 68.39	\$ 71.10	\$ 2.71	3.96%	4
5	Between 401 and 500 kWh	46,470	15.1%	15.1%	\$ 98.66	\$ 102.53	\$ 3.87	3.92%	5
6	Between 501 and 600 kWh	32,154	10.5%	10.5%	\$ 135.73	\$ 141.03	\$ 5.30	3.90%	6
7	Between 601 and 700 kWh	20,746	6.7%	6.7%	\$ 173.58	\$ 180.38	\$ 6.80	3.92%	7
8	Between 701 and 800 kWh	13,107	4.3%	4.3%	\$ 211.90	\$ 220.24	\$ 8.34	3.94%	8
9	Between 801 and 900 kWh	8,076	2.6%	2.6%	\$ 250.49	\$ 260.38	\$ 9.89	3.95%	9
10	Between 901 and 1000 kWh	5,136	1.7%	1.7%	\$ 289.09	\$ 300.51	\$ 11.42	3.95%	10
11	Between 1001 and 1100 kWh	3,339	1.1%	1.1%	\$ 327.70	\$ 340.70	\$ 13.00	3.97%	11
12	Between 1101 and 1200 kWh	2,294	0.7%	0.7%	\$ 366.16	\$ 380.65	\$ 14.49	3.96%	12
13	Between 1201 and 1300 kWh	1,360	0.4%	0.4%	\$ 405.34	\$ 421.42	\$ 16.08	3.97%	13
14	Between 1301 and 1400 kWh	1,002	0.3%	0.3%	\$ 444.73	\$ 462.28	\$ 17.55	3.95%	14
15	Between 1401 and 1500 kWh	679	0.2%	0.2%	\$ 482.70	\$ 501.90	\$ 19.20	3.98%	15
16	Between 1501 and 2000 kWh	1,615	0.5%	0.5%	\$ 581.78	\$ 604.55	\$ 22.77	3.91%	16
17	Between 2001 and 2500 kWh	560	0.2%	0.2%	\$ 785.44	\$ 815.99	\$ 30.55	3.89%	17
18	Between 2501 and 3000 kWh	262	0.1%	0.1%	\$ 982.01	\$ 1,020.05	\$ 38.04	3.87%	18
19	> 3000 kWh	325	0.1%	0.1%	\$ 1,725.67	\$ 1,792.33	\$ 66.66	3.86%	19
	Total	307,520	100.0%	100.0%	\$ 104.56	\$ 108.66	\$ 4.10	3.92%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	26,893	8.7%	8.7%	\$ 13.40	\$ 13.73	\$ 0.33	2.46%	1
2	Between 101 and 200 kWh	19,843	6.5%	6.5%	\$ 33.70	\$ 34.87	\$ 1.17	3.47%	2
3	Between 201 and 300 kWh	29,319	9.5%	9.5%	\$ 55.06	\$ 56.96	\$ 1.90	3.45%	3
4	Between 301 and 400 kWh	35,342	11.5%	11.5%	\$ 79.32	\$ 82.00	\$ 2.68	3.38%	4
5	Between 401 and 500 kWh	36,875	12.0%	12.0%	\$ 112.36	\$ 116.13	\$ 3.77	3.36%	5
6	Between 501 and 600 kWh	33,912	11.0%	11.0%	\$ 153.93	\$ 159.06	\$ 5.13	3.33%	6
7	Between 601 and 700 kWh	28,974	9.4%	9.4%	\$ 198.46	\$ 205.03	\$ 6.57	3.31%	7
8	Between 701 and 800 kWh	23,578	7.7%	7.7%	\$ 243.60	\$ 251.64	\$ 8.04	3.30%	8
9	Between 801 and 900 kWh	18,576	6.0%	6.0%	\$ 289.07	\$ 298.59	\$ 9.52	3.29%	9
10	Between 901 and 1000 kWh	13,982	4.5%	4.5%	\$ 334.94	\$ 345.95	\$ 11.01	3.29%	10
11	Between 1001 and 1100 kWh	10,651	3.5%	3.5%	\$ 380.81	\$ 393.32	\$ 12.51	3.29%	11
12	Between 1101 and 1200 kWh	7,842	2.6%	2.6%	\$ 426.96	\$ 440.95	\$ 13.99	3.28%	12
13	Between 1201 and 1300 kWh	5,643	1.8%	1.8%	\$ 473.04	\$ 488.53	\$ 15.49	3.27%	13
14	Between 1301 and 1400 kWh	4,018	1.3%	1.3%	\$ 518.19	\$ 535.17	\$ 16.98	3.28%	14
15	Between 1401 and 1500 kWh	2,813	0.9%	0.9%	\$ 565.20	\$ 583.71	\$ 18.51	3.27%	15
16	Between 1501 and 2000 kWh	6,202	2.0%	2.0%	\$ 677.88	\$ 700.01	\$ 22.13	3.26%	16
17	Between 2001 and 2500 kWh	1,756	0.6%	0.6%	\$ 913.51	\$ 943.26	\$ 29.75	3.26%	17
18	Between 2501 and 3000 kWh	619	0.2%	0.2%	\$ 1,147.60	\$ 1,184.98	\$ 37.38	3.26%	18
19	> 3000 kWh	682	0.2%	0.2%	\$ 1,981.69	\$ 2,046.08	\$ 64.39	3.25%	19
	Total	307,520	100.0%	100.0%	\$ 188.52	\$ 194.74	\$ 6.22	3.30%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,516	3.4%	3.4%	\$ 18.83	\$ 19.60	\$ 0.77	4.09%	1
2	Between 101 and 200 kWh	9,190	12.6%	12.6%	\$ 31.35	\$ 32.62	\$ 1.27	4.05%	2
3	Between 201 and 300 kWh	15,832	21.7%	21.7%	\$ 50.19	\$ 52.35	\$ 2.16	4.30%	3
4	Between 301 and 400 kWh	14,190	19.4%	19.4%	\$ 73.87	\$ 77.57	\$ 3.70	5.01%	4
5	Between 401 and 500 kWh	9,831	13.5%	13.5%	\$ 101.91	\$ 107.46	\$ 5.55	5.45%	5
6	Between 501 and 600 kWh	6,414	8.8%	8.8%	\$ 132.52	\$ 140.03	\$ 7.51	5.67%	6
7	Between 601 and 700 kWh	4,101	5.6%	5.6%	\$ 165.18	\$ 175.12	\$ 9.94	6.02%	7
8	Between 701 and 800 kWh	2,807	3.8%	3.8%	\$ 201.04	\$ 213.82	\$ 12.78	6.36%	8
9	Between 801 and 900 kWh	2,111	2.9%	2.9%	\$ 238.20	\$ 253.57	\$ 15.37	6.45%	9
10	Between 901 and 1000 kWh	1,523	2.1%	2.1%	\$ 278.85	\$ 296.29	\$ 17.44	6.25%	10
11	Between 1001 and 1100 kWh	1,074	1.5%	1.5%	\$ 319.46	\$ 338.68	\$ 19.22	6.02%	11
12	Between 1101 and 1200 kWh	812	1.1%	1.1%	\$ 360.31	\$ 381.10	\$ 20.79	5.77%	12
13	Between 1201 and 1300 kWh	641	0.9%	0.9%	\$ 401.69	\$ 424.02	\$ 22.33	5.56%	13
14	Between 1301 and 1400 kWh	490	0.7%	0.7%	\$ 444.60	\$ 468.54	\$ 23.94	5.38%	14
15	Between 1401 and 1500 kWh	354	0.5%	0.5%	\$ 484.63	\$ 510.02	\$ 25.39	5.24%	15
16	Between 1501 and 2000 kWh	734	1.0%	1.0%	\$ 591.41	\$ 620.57	\$ 29.16	4.93%	16
17	Between 2001 and 2500 kWh	199	0.3%	0.3%	\$ 801.70	\$ 838.35	\$ 36.65	4.57%	17
18	Between 2501 and 3000 kWh	80	0.1%	0.1%	\$ 1,021.34	\$ 1,065.70	\$ 44.36	4.34%	18
19	> 3000 kWh	87	0.1%	0.1%	\$ 1,644.66	\$ 1,711.09	\$ 66.43	4.04%	19
	<b>Total</b>	<b>72,986</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 113.73</b>	<b>\$ 119.88</b>	<b>\$ 6.15</b>	<b>5.41%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,081	4.2%	4.2%	\$ 17.48	\$ 18.20	\$ 0.72	4.12%	1
2	Between 101 and 200 kWh	12,499	17.1%	17.1%	\$ 28.59	\$ 29.80	\$ 1.21	4.23%	2
3	Between 201 and 300 kWh	17,646	24.2%	24.2%	\$ 45.35	\$ 47.25	\$ 1.90	4.19%	3
4	Between 301 and 400 kWh	12,982	17.8%	17.8%	\$ 64.13	\$ 66.88	\$ 2.75	4.29%	4
5	Between 401 and 500 kWh	8,210	11.2%	11.2%	\$ 83.96	\$ 88.05	\$ 4.09	4.87%	5
6	Between 501 and 600 kWh	4,919	6.7%	6.7%	\$ 106.13	\$ 112.42	\$ 6.29	5.93%	6
7	Between 601 and 700 kWh	3,422	4.7%	4.7%	\$ 131.74	\$ 141.61	\$ 9.87	7.49%	7
8	Between 701 and 800 kWh	2,566	3.5%	3.5%	\$ 162.88	\$ 176.89	\$ 14.01	8.60%	8
9	Between 801 and 900 kWh	1,948	2.7%	2.7%	\$ 197.97	\$ 214.84	\$ 16.87	8.52%	9
10	Between 901 and 1000 kWh	1,396	1.9%	1.9%	\$ 234.56	\$ 253.49	\$ 18.93	8.07%	10
11	Between 1001 and 1100 kWh	1,015	1.4%	1.4%	\$ 272.31	\$ 292.97	\$ 20.66	7.59%	11
12	Between 1101 and 1200 kWh	830	1.1%	1.1%	\$ 310.95	\$ 333.26	\$ 22.31	7.17%	12
13	Between 1201 and 1300 kWh	582	0.8%	0.8%	\$ 349.17	\$ 373.08	\$ 23.91	6.85%	13
14	Between 1301 and 1400 kWh	453	0.6%	0.6%	\$ 388.13	\$ 413.61	\$ 25.48	6.56%	14
15	Between 1401 and 1500 kWh	322	0.4%	0.4%	\$ 427.38	\$ 454.39	\$ 27.01	6.32%	15
16	Between 1501 and 2000 kWh	750	1.0%	1.0%	\$ 524.30	\$ 555.00	\$ 30.70	5.86%	16
17	Between 2001 and 2500 kWh	203	0.3%	0.3%	\$ 723.57	\$ 761.92	\$ 38.35	5.30%	17
18	Between 2501 and 3000 kWh	77	0.1%	0.1%	\$ 912.13	\$ 957.72	\$ 45.59	5.00%	18
19	> 3000 kWh	85	0.1%	0.1%	\$ 1,457.36	\$ 1,523.77	\$ 66.41	4.56%	19
	<b>Total</b>	<b>72,986</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 90.74</b>	<b>\$ 96.13</b>	<b>\$ 5.39</b>	<b>5.94%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,200	5.8%	5.8%	\$ 14.16	\$ 14.58	\$ 0.42	2.97%	1
2	Between 101 and 200 kWh	7,675	10.5%	10.5%	\$ 32.76	\$ 33.98	\$ 1.22	3.72%	2
3	Between 201 and 300 kWh	12,063	16.5%	16.5%	\$ 53.74	\$ 55.77	\$ 2.03	3.78%	3
4	Between 301 and 400 kWh	12,267	16.8%	16.8%	\$ 78.27	\$ 82.03	\$ 3.76	4.80%	4
5	Between 401 and 500 kWh	10,087	13.8%	13.8%	\$ 110.68	\$ 117.59	\$ 6.91	6.24%	5
6	Between 501 and 600 kWh	7,449	10.2%	10.2%	\$ 151.95	\$ 161.37	\$ 9.42	6.20%	6
7	Between 601 and 700 kWh	5,320	7.3%	7.3%	\$ 196.03	\$ 207.22	\$ 11.19	5.71%	7
8	Between 701 and 800 kWh	3,715	5.1%	5.1%	\$ 242.01	\$ 254.79	\$ 12.78	5.28%	8
9	Between 801 and 900 kWh	2,616	3.6%	3.6%	\$ 287.16	\$ 301.46	\$ 14.30	4.98%	9
10	Between 901 and 1000 kWh	1,802	2.5%	2.5%	\$ 333.54	\$ 349.37	\$ 15.83	4.75%	10
11	Between 1001 and 1100 kWh	1,417	1.9%	1.9%	\$ 379.53	\$ 396.86	\$ 17.33	4.57%	11
12	Between 1101 and 1200 kWh	1,046	1.4%	1.4%	\$ 424.86	\$ 443.66	\$ 18.80	4.42%	12
13	Between 1201 and 1300 kWh	827	1.1%	1.1%	\$ 471.10	\$ 491.42	\$ 20.32	4.31%	13
14	Between 1301 and 1400 kWh	551	0.8%	0.8%	\$ 517.54	\$ 539.36	\$ 21.82	4.22%	14
15	Between 1401 and 1500 kWh	457	0.6%	0.6%	\$ 561.50	\$ 584.73	\$ 23.23	4.14%	15
16	Between 1501 and 2000 kWh	995	1.4%	1.4%	\$ 679.73	\$ 706.80	\$ 27.07	3.98%	16
17	Between 2001 and 2500 kWh	260	0.4%	0.4%	\$ 914.36	\$ 949.02	\$ 34.66	3.79%	17
18	Between 2501 and 3000 kWh	110	0.2%	0.2%	\$ 1,155.11	\$ 1,197.57	\$ 42.46	3.68%	18
19	> 3000 kWh	129	0.2%	0.2%	\$ 1,805.20	\$ 1,868.72	\$ 63.52	3.52%	19
	<b>Total</b>	<b>72,986</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 145.91</b>	<b>\$ 153.13</b>	<b>\$ 7.22</b>	<b>4.95%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,289	16.2%	16.2%	\$ 13.64	\$ 13.98	\$ 0.34	2.49%	1
2	Between 101 and 200 kWh	681	8.6%	8.6%	\$ 32.44	\$ 33.63	\$ 1.19	3.67%	2
3	Between 201 and 300 kWh	685	8.6%	8.6%	\$ 53.53	\$ 55.50	\$ 1.97	3.68%	3
4	Between 301 and 400 kWh	723	9.1%	9.1%	\$ 75.50	\$ 78.26	\$ 2.76	3.66%	4
5	Between 401 and 500 kWh	809	10.2%	10.2%	\$ 99.25	\$ 102.87	\$ 3.62	3.65%	5
6	Between 501 and 600 kWh	840	10.6%	10.6%	\$ 129.54	\$ 134.22	\$ 4.68	3.61%	6
7	Between 601 and 700 kWh	758	9.6%	9.6%	\$ 164.42	\$ 170.36	\$ 5.94	3.61%	7
8	Between 701 and 800 kWh	594	7.5%	7.5%	\$ 202.09	\$ 209.43	\$ 7.34	3.63%	8
9	Between 801 and 900 kWh	418	5.3%	5.3%	\$ 242.06	\$ 250.85	\$ 8.79	3.63%	9
10	Between 901 and 1000 kWh	300	3.8%	3.8%	\$ 280.34	\$ 290.68	\$ 10.34	3.69%	10
11	Between 1001 and 1100 kWh	235	3.0%	3.0%	\$ 322.14	\$ 333.97	\$ 11.83	3.67%	11
12	Between 1101 and 1200 kWh	154	1.9%	1.9%	\$ 362.42	\$ 375.77	\$ 13.35	3.68%	12
13	Between 1201 and 1300 kWh	111	1.4%	1.4%	\$ 400.45	\$ 415.60	\$ 15.15	3.78%	13
14	Between 1301 and 1400 kWh	67	0.8%	0.8%	\$ 445.03	\$ 461.40	\$ 16.37	3.68%	14
15	Between 1401 and 1500 kWh	64	0.8%	0.8%	\$ 483.81	\$ 502.02	\$ 18.21	3.76%	15
16	Between 1501 and 2000 kWh	135	1.7%	1.7%	\$ 598.64	\$ 620.67	\$ 22.03	3.68%	16
17	Between 2001 and 2500 kWh	33	0.4%	0.4%	\$ 793.37	\$ 822.58	\$ 29.21	3.68%	17
18	Between 2501 and 3000 kWh	17	0.2%	0.2%	\$ 992.98	\$ 1,030.36	\$ 37.38	3.76%	18
19	> 3000 kWh	21	0.3%	0.3%	\$ 1,954.56	\$ 2,024.24	\$ 69.68	3.56%	19
	Total	7,934	100.0%	100.0%	\$ 145.15	\$ 150.44	\$ 5.29	3.64%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,494	18.8%	18.8%	\$ 13.29	\$ 13.62	\$ 0.33	2.48%	1
2	Between 101 and 200 kWh	682	8.6%	8.6%	\$ 30.80	\$ 32.02	\$ 1.22	3.96%	2
3	Between 201 and 300 kWh	691	8.7%	8.7%	\$ 48.82	\$ 50.76	\$ 1.94	3.97%	3
4	Between 301 and 400 kWh	891	11.2%	11.2%	\$ 67.53	\$ 70.21	\$ 2.68	3.97%	4
5	Between 401 and 500 kWh	928	11.7%	11.7%	\$ 87.70	\$ 91.15	\$ 3.45	3.93%	5
6	Between 501 and 600 kWh	833	10.5%	10.5%	\$ 114.93	\$ 119.43	\$ 4.50	3.92%	6
7	Between 601 and 700 kWh	657	8.3%	8.3%	\$ 147.20	\$ 152.96	\$ 5.76	3.91%	7
8	Between 701 and 800 kWh	490	6.2%	6.2%	\$ 183.55	\$ 190.71	\$ 7.16	3.90%	8
9	Between 801 and 900 kWh	354	4.5%	4.5%	\$ 218.77	\$ 227.42	\$ 8.65	3.95%	9
10	Between 901 and 1000 kWh	246	3.1%	3.1%	\$ 255.20	\$ 265.47	\$ 10.27	4.02%	10
11	Between 1001 and 1100 kWh	169	2.1%	2.1%	\$ 289.66	\$ 301.46	\$ 11.80	4.07%	11
12	Between 1101 and 1200 kWh	108	1.4%	1.4%	\$ 324.98	\$ 338.71	\$ 13.73	4.22%	12
13	Between 1201 and 1300 kWh	98	1.2%	1.2%	\$ 358.87	\$ 374.20	\$ 15.33	4.27%	13
14	Between 1301 and 1400 kWh	76	1.0%	1.0%	\$ 405.44	\$ 422.26	\$ 16.82	4.15%	14
15	Between 1401 and 1500 kWh	41	0.5%	0.5%	\$ 439.32	\$ 458.02	\$ 18.70	4.26%	15
16	Between 1501 and 2000 kWh	102	1.3%	1.3%	\$ 533.24	\$ 555.65	\$ 22.41	4.20%	16
17	Between 2001 and 2500 kWh	36	0.5%	0.5%	\$ 726.18	\$ 756.00	\$ 29.82	4.11%	17
18	Between 2501 and 3000 kWh	13	0.2%	0.2%	\$ 914.66	\$ 952.01	\$ 37.35	4.08%	18
19	> 3000 kWh	25	0.3%	0.3%	\$ 1,634.97	\$ 1,698.44	\$ 63.47	3.88%	19
	Total	7,934	100.0%	100.0%	\$ 118.49	\$ 123.20	\$ 4.71	3.98%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,332	16.8%	16.8%	\$ 11.08	\$ 11.34	\$ 0.26	2.35%	1
2	Between 101 and 200 kWh	692	8.7%	8.7%	\$ 31.31	\$ 32.41	\$ 1.10	3.51%	2
3	Between 201 and 300 kWh	612	7.7%	7.7%	\$ 54.16	\$ 56.01	\$ 1.85	3.42%	3
4	Between 301 and 400 kWh	614	7.7%	7.7%	\$ 76.94	\$ 79.55	\$ 2.61	3.39%	4
5	Between 401 and 500 kWh	651	8.2%	8.2%	\$ 101.28	\$ 104.69	\$ 3.41	3.37%	5
6	Between 501 and 600 kWh	637	8.0%	8.0%	\$ 131.23	\$ 135.66	\$ 4.43	3.38%	6
7	Between 601 and 700 kWh	620	7.8%	7.8%	\$ 171.11	\$ 176.89	\$ 5.78	3.38%	7
8	Between 701 and 800 kWh	603	7.6%	7.6%	\$ 213.20	\$ 220.46	\$ 7.26	3.41%	8
9	Between 801 and 900 kWh	459	5.8%	5.8%	\$ 258.53	\$ 267.30	\$ 8.77	3.39%	9
10	Between 901 and 1000 kWh	381	4.8%	4.8%	\$ 303.75	\$ 313.98	\$ 10.23	3.37%	10
11	Between 1001 and 1100 kWh	303	3.8%	3.8%	\$ 350.14	\$ 361.74	\$ 11.60	3.31%	11
12	Between 1101 and 1200 kWh	230	2.9%	2.9%	\$ 394.08	\$ 407.28	\$ 13.20	3.35%	12
13	Between 1201 and 1300 kWh	191	2.4%	2.4%	\$ 442.07	\$ 456.77	\$ 14.70	3.33%	13
14	Between 1301 and 1400 kWh	131	1.7%	1.7%	\$ 485.76	\$ 501.86	\$ 16.10	3.31%	14
15	Between 1401 and 1500 kWh	110	1.4%	1.4%	\$ 528.66	\$ 546.20	\$ 17.54	3.32%	15
16	Between 1501 and 2000 kWh	240	3.0%	3.0%	\$ 649.63	\$ 671.01	\$ 21.38	3.29%	16
17	Between 2001 and 2500 kWh	69	0.9%	0.9%	\$ 879.21	\$ 908.17	\$ 28.96	3.29%	17
18	Between 2501 and 3000 kWh	33	0.4%	0.4%	\$ 1,125.30	\$ 1,162.41	\$ 37.11	3.30%	18
19	> 3000 kWh	26	0.3%	0.3%	\$ 2,145.81	\$ 2,215.82	\$ 70.01	3.26%	19
	Total	7,934	100.0%	100.0%	\$ 182.49	\$ 188.58	\$ 6.09	3.34%	



REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	323	8.8%	8.8%	\$ 15.05	\$ 15.48	\$ 0.43	2.86%	1
2	Between 101 and 200 kWh	233	6.4%	6.4%	\$ 31.65	\$ 32.89	\$ 1.24	3.92%	2
3	Between 201 and 300 kWh	231	6.3%	6.3%	\$ 51.48	\$ 53.47	\$ 1.99	3.87%	3
4	Between 301 and 400 kWh	267	7.3%	7.3%	\$ 72.09	\$ 74.94	\$ 2.85	3.95%	4
5	Between 401 and 500 kWh	281	7.7%	7.7%	\$ 91.79	\$ 95.41	\$ 3.62	3.94%	5
6	Between 501 and 600 kWh	345	9.4%	9.4%	\$ 113.92	\$ 118.69	\$ 4.77	4.19%	6
7	Between 601 and 700 kWh	349	9.5%	9.5%	\$ 136.99	\$ 142.93	\$ 5.94	4.34%	7
8	Between 701 and 800 kWh	322	8.8%	8.8%	\$ 164.07	\$ 171.67	\$ 7.60	4.63%	8
9	Between 801 and 900 kWh	296	8.1%	8.1%	\$ 196.73	\$ 206.04	\$ 9.31	4.73%	9
10	Between 901 and 1000 kWh	250	6.8%	6.8%	\$ 227.94	\$ 239.15	\$ 11.21	4.92%	10
11	Between 1001 and 1100 kWh	210	5.7%	5.7%	\$ 261.07	\$ 274.44	\$ 13.37	5.12%	11
12	Between 1101 and 1200 kWh	137	3.7%	3.7%	\$ 297.33	\$ 312.49	\$ 15.16	5.10%	12
13	Between 1201 and 1300 kWh	102	2.8%	2.8%	\$ 337.52	\$ 354.85	\$ 17.33	5.13%	13
14	Between 1301 and 1400 kWh	81	2.2%	2.2%	\$ 377.82	\$ 397.29	\$ 19.47	5.15%	14
15	Between 1401 and 1500 kWh	61	1.7%	1.7%	\$ 414.25	\$ 435.31	\$ 21.06	5.08%	15
16	Between 1501 and 2000 kWh	125	3.4%	3.4%	\$ 514.69	\$ 539.87	\$ 25.18	4.89%	16
17	Between 2001 and 2500 kWh	26	0.7%	0.7%	\$ 734.04	\$ 767.03	\$ 32.99	4.49%	17
18	Between 2501 and 3000 kWh	10	0.3%	0.3%	\$ 957.52	\$ 998.21	\$ 40.69	4.25%	18
19	> 3000 kWh	19	0.5%	0.5%	\$ 1,413.34	\$ 1,470.62	\$ 57.28	4.05%	19
	<b>Total</b>	<b>3,668</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 171.77</b>	<b>\$ 179.78</b>	<b>\$ 8.01</b>	<b>4.66%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	361	9.8%	9.8%	\$ 14.58	\$ 14.98	\$ 0.40	2.74%	1
2	Between 101 and 200 kWh	217	5.9%	5.9%	\$ 29.21	\$ 30.39	\$ 1.18	4.04%	2
3	Between 201 and 300 kWh	211	5.8%	5.8%	\$ 47.54	\$ 49.47	\$ 1.93	4.06%	3
4	Between 301 and 400 kWh	260	7.1%	7.1%	\$ 66.11	\$ 68.85	\$ 2.74	4.14%	4
5	Between 401 and 500 kWh	309	8.4%	8.4%	\$ 85.71	\$ 89.28	\$ 3.57	4.17%	5
6	Between 501 and 600 kWh	335	9.1%	9.1%	\$ 102.98	\$ 107.24	\$ 4.26	4.14%	6
7	Between 601 and 700 kWh	328	8.9%	8.9%	\$ 122.37	\$ 127.63	\$ 5.26	4.30%	7
8	Between 701 and 800 kWh	316	8.6%	8.6%	\$ 142.56	\$ 148.96	\$ 6.40	4.49%	8
9	Between 801 and 900 kWh	276	7.5%	7.5%	\$ 164.00	\$ 172.24	\$ 8.24	5.02%	9
10	Between 901 and 1000 kWh	231	6.3%	6.3%	\$ 186.27	\$ 196.15	\$ 9.88	5.30%	10
11	Between 1001 and 1100 kWh	206	5.6%	5.6%	\$ 216.73	\$ 229.37	\$ 12.64	5.83%	11
12	Between 1101 and 1200 kWh	154	4.2%	4.2%	\$ 246.21	\$ 261.45	\$ 15.24	6.19%	12
13	Between 1201 and 1300 kWh	106	2.9%	2.9%	\$ 277.00	\$ 294.98	\$ 17.98	6.49%	13
14	Between 1301 and 1400 kWh	100	2.7%	2.7%	\$ 313.42	\$ 333.60	\$ 20.18	6.44%	14
15	Between 1401 and 1500 kWh	60	1.6%	1.6%	\$ 349.06	\$ 371.02	\$ 21.96	6.29%	15
16	Between 1501 and 2000 kWh	136	3.7%	3.7%	\$ 443.32	\$ 469.56	\$ 26.24	5.92%	16
17	Between 2001 and 2500 kWh	32	0.9%	0.9%	\$ 642.94	\$ 677.40	\$ 34.46	5.36%	17
18	Between 2501 and 3000 kWh	13	0.4%	0.4%	\$ 859.60	\$ 902.29	\$ 42.69	4.97%	18
19	> 3000 kWh	17	0.5%	0.5%	\$ 1,315.24	\$ 1,375.34	\$ 60.10	4.57%	19
	<b>Total</b>	<b>3,668</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 150.46</b>	<b>\$ 158.31</b>	<b>\$ 7.85</b>	<b>5.22%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	398	10.9%	10.9%	\$ 11.69	\$ 11.97	\$ 0.28	2.40%	1
2	Between 101 and 200 kWh	248	6.8%	6.8%	\$ 30.48	\$ 31.55	\$ 1.07	3.51%	2
3	Between 201 and 300 kWh	257	7.0%	7.0%	\$ 54.75	\$ 56.68	\$ 1.93	3.53%	3
4	Between 301 and 400 kWh	269	7.3%	7.3%	\$ 76.49	\$ 79.17	\$ 2.68	3.50%	4
5	Between 401 and 500 kWh	301	8.2%	8.2%	\$ 98.13	\$ 101.54	\$ 3.41	3.47%	5
6	Between 501 and 600 kWh	328	8.9%	8.9%	\$ 122.01	\$ 126.60	\$ 4.59	3.76%	6
7	Between 601 and 700 kWh	302	8.2%	8.2%	\$ 152.44	\$ 159.07	\$ 6.63	4.35%	7
8	Between 701 and 800 kWh	301	8.2%	8.2%	\$ 189.59	\$ 198.62	\$ 9.03	4.76%	8
9	Between 801 and 900 kWh	255	7.0%	7.0%	\$ 232.89	\$ 243.77	\$ 10.88	4.67%	9
10	Between 901 and 1000 kWh	215	5.9%	5.9%	\$ 277.80	\$ 290.37	\$ 12.57	4.52%	10
11	Between 1001 and 1100 kWh	182	5.0%	5.0%	\$ 318.16	\$ 332.10	\$ 13.94	4.38%	11
12	Between 1101 and 1200 kWh	135	3.7%	3.7%	\$ 368.08	\$ 383.67	\$ 15.59	4.24%	12
13	Between 1201 and 1300 kWh	101	2.8%	2.8%	\$ 412.26	\$ 429.36	\$ 17.10	4.15%	13
14	Between 1301 and 1400 kWh	81	2.2%	2.2%	\$ 455.02	\$ 473.48	\$ 18.46	4.06%	14
15	Between 1401 and 1500 kWh	62	1.7%	1.7%	\$ 504.86	\$ 524.99	\$ 20.13	3.99%	15
16	Between 1501 and 2000 kWh	162	4.4%	4.4%	\$ 620.01	\$ 643.85	\$ 23.84	3.85%	16
17	Between 2001 and 2500 kWh	37	1.0%	1.0%	\$ 855.94	\$ 887.42	\$ 31.48	3.68%	17
18	Between 2501 and 3000 kWh	14	0.4%	0.4%	\$ 1,105.59	\$ 1,145.17	\$ 39.58	3.58%	18
19	> 3000 kWh	20	0.5%	0.5%	\$ 1,791.34	\$ 1,853.12	\$ 61.78	3.45%	19
	<b>Total</b>	<b>3,668</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 201.59</b>	<b>\$ 209.84</b>	<b>\$ 8.25</b>	<b>4.09%</b>	



REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	186	17.1%	17.1%	\$ 15.49	\$ 15.91	\$ 0.42	2.71%	1
2	Between 101 and 200 kWh	194	17.9%	17.9%	\$ 31.00	\$ 32.15	\$ 1.15	3.71%	2
3	Between 201 and 300 kWh	128	11.8%	11.8%	\$ 51.90	\$ 53.81	\$ 1.91	3.68%	3
4	Between 301 and 400 kWh	127	11.7%	11.7%	\$ 81.11	\$ 84.06	\$ 2.95	3.64%	4
5	Between 401 and 500 kWh	110	10.1%	10.1%	\$ 107.87	\$ 111.73	\$ 3.86	3.58%	5
6	Between 501 and 600 kWh	86	7.9%	7.9%	\$ 137.56	\$ 142.53	\$ 4.97	3.61%	6
7	Between 601 and 700 kWh	57	5.3%	5.3%	\$ 169.24	\$ 175.33	\$ 6.09	3.60%	7
8	Between 701 and 800 kWh	43	4.0%	4.0%	\$ 206.16	\$ 213.53	\$ 7.37	3.57%	8
9	Between 801 and 900 kWh	36	3.3%	3.3%	\$ 258.58	\$ 267.70	\$ 9.12	3.53%	9
10	Between 901 and 1000 kWh	29	2.7%	2.7%	\$ 286.51	\$ 296.96	\$ 10.45	3.65%	10
11	Between 1001 and 1100 kWh	20	1.8%	1.8%	\$ 336.34	\$ 348.33	\$ 11.99	3.56%	11
12	Between 1101 and 1200 kWh	12	1.1%	1.1%	\$ 366.63	\$ 379.63	\$ 13.00	3.55%	12
13	Between 1201 and 1300 kWh	15	1.4%	1.4%	\$ 412.32	\$ 427.43	\$ 15.11	3.66%	13
14	Between 1301 and 1400 kWh	9	0.8%	0.8%	\$ 468.97	\$ 485.32	\$ 16.35	3.49%	14
15	Between 1401 and 1500 kWh	6	0.6%	0.6%	\$ 501.20	\$ 518.98	\$ 17.78	3.55%	15
16	Between 1501 and 2000 kWh	12	1.1%	1.1%	\$ 602.10	\$ 623.55	\$ 21.45	3.56%	16
17	Between 2001 and 2500 kWh	9	0.8%	0.8%	\$ 838.51	\$ 868.08	\$ 29.57	3.53%	17
18	Between 2501 and 3000 kWh	2	0.2%	0.2%	\$ 1,024.45	\$ 1,059.94	\$ 35.49	3.46%	18
19	> 3000 kWh	4	0.4%	0.4%	\$ 3,580.71	\$ 3,707.19	\$ 126.48	3.53%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 130.27</b>	<b>\$ 134.92</b>	<b>\$ 4.65</b>	<b>3.57%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	221	20.4%	20.4%	\$ 12.89	\$ 13.23	\$ 0.34	2.64%	1
2	Between 101 and 200 kWh	201	18.5%	18.5%	\$ 28.73	\$ 29.89	\$ 1.16	4.04%	2
3	Between 201 and 300 kWh	169	15.6%	15.6%	\$ 46.51	\$ 48.38	\$ 1.87	4.02%	3
4	Between 301 and 400 kWh	136	12.5%	12.5%	\$ 68.92	\$ 71.67	\$ 2.75	3.99%	4
5	Between 401 and 500 kWh	113	10.4%	10.4%	\$ 96.73	\$ 100.54	\$ 3.81	3.94%	5
6	Between 501 and 600 kWh	74	6.8%	6.8%	\$ 125.22	\$ 130.17	\$ 4.95	3.95%	6
7	Between 601 and 700 kWh	48	4.4%	4.4%	\$ 163.68	\$ 170.15	\$ 6.47	3.95%	7
8	Between 701 and 800 kWh	33	3.0%	3.0%	\$ 198.47	\$ 206.45	\$ 7.98	4.02%	8
9	Between 801 and 900 kWh	23	2.1%	2.1%	\$ 236.70	\$ 246.25	\$ 9.55	4.03%	9
10	Between 901 and 1000 kWh	20	1.8%	1.8%	\$ 272.09	\$ 283.29	\$ 11.20	4.12%	10
11	Between 1001 and 1100 kWh	10	0.9%	0.9%	\$ 307.72	\$ 321.11	\$ 13.39	4.35%	11
12	Between 1101 and 1200 kWh	10	0.9%	0.9%	\$ 343.28	\$ 357.80	\$ 14.52	4.23%	12
13	Between 1201 and 1300 kWh	2	0.2%	0.2%	\$ 396.01	\$ 411.27	\$ 15.26	3.85%	13
14	Between 1301 and 1400 kWh	4	0.4%	0.4%	\$ 441.38	\$ 458.37	\$ 16.99	3.85%	14
15	Between 1401 and 1500 kWh	0	0.0%	0.0%	\$ -	\$ -	\$ -	#DIV/0!	15
16	Between 1501 and 2000 kWh	12	1.1%	1.1%	\$ 585.97	\$ 608.51	\$ 22.54	3.85%	16
17	Between 2001 and 2500 kWh	4	0.4%	0.4%	\$ 806.34	\$ 837.33	\$ 30.99	3.84%	17
18	Between 2501 and 3000 kWh	2	0.2%	0.2%	\$ 913.50	\$ 948.58	\$ 35.08	3.84%	18
19	> 3000 kWh	3	0.3%	0.3%	\$ 3,755.73	\$ 3,899.61	\$ 143.88	3.83%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 95.64</b>	<b>\$ 99.40</b>	<b>\$ 3.76</b>	<b>3.93%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	241	22.2%	22.2%	\$ 11.81	\$ 12.10	\$ 0.29	2.46%	1
2	Between 101 and 200 kWh	154	14.2%	14.2%	\$ 30.89	\$ 31.98	\$ 1.09	3.53%	2
3	Between 201 and 300 kWh	96	8.8%	8.8%	\$ 54.06	\$ 55.91	\$ 1.85	3.42%	3
4	Between 301 and 400 kWh	73	6.7%	6.7%	\$ 77.88	\$ 80.51	\$ 2.63	3.38%	4
5	Between 401 and 500 kWh	70	6.5%	6.5%	\$ 102.01	\$ 105.42	\$ 3.41	3.34%	5
6	Between 501 and 600 kWh	65	6.0%	6.0%	\$ 131.20	\$ 135.58	\$ 4.38	3.34%	6
7	Between 601 and 700 kWh	74	6.8%	6.8%	\$ 162.92	\$ 168.38	\$ 5.46	3.35%	7
8	Between 701 and 800 kWh	55	5.1%	5.1%	\$ 205.64	\$ 212.52	\$ 6.88	3.35%	8
9	Between 801 and 900 kWh	55	5.1%	5.1%	\$ 245.98	\$ 254.11	\$ 8.13	3.31%	9
10	Between 901 and 1000 kWh	36	3.3%	3.3%	\$ 291.48	\$ 301.17	\$ 9.69	3.32%	10
11	Between 1001 and 1100 kWh	24	2.2%	2.2%	\$ 335.73	\$ 346.71	\$ 10.98	3.27%	11
12	Between 1101 and 1200 kWh	18	1.7%	1.7%	\$ 381.76	\$ 394.23	\$ 12.47	3.27%	12
13	Between 1201 and 1300 kWh	13	1.2%	1.2%	\$ 423.11	\$ 437.22	\$ 14.11	3.33%	13
14	Between 1301 and 1400 kWh	18	1.7%	1.7%	\$ 471.32	\$ 486.69	\$ 15.37	3.26%	14
15	Between 1401 and 1500 kWh	18	1.7%	1.7%	\$ 510.99	\$ 527.92	\$ 16.93	3.31%	15
16	Between 1501 and 2000 kWh	43	4.0%	4.0%	\$ 642.40	\$ 663.65	\$ 21.25	3.31%	16
17	Between 2001 and 2500 kWh	20	1.8%	1.8%	\$ 851.80	\$ 879.50	\$ 27.70	3.25%	17
18	Between 2501 and 3000 kWh	4	0.4%	0.4%	\$ 1,079.50	\$ 1,115.52	\$ 36.02	3.34%	18
19	> 3000 kWh	8	0.7%	0.7%	\$ 3,166.68	\$ 3,269.30	\$ 102.62	3.24%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 178.76</b>	<b>\$ 184.66</b>	<b>\$ 5.90</b>	<b>3.30%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	123	10.6%	10.6%	\$ 16.01	\$ 16.51	\$ 0.50	3.12%	1
2	Between 101 and 200 kWh	139	11.9%	11.9%	\$ 30.41	\$ 31.59	\$ 1.18	3.88%	2
3	Between 201 and 300 kWh	159	13.7%	13.7%	\$ 50.07	\$ 52.07	\$ 2.00	3.99%	3
4	Between 301 and 400 kWh	149	12.8%	12.8%	\$ 75.65	\$ 78.78	\$ 3.13	4.14%	4
5	Between 401 and 500 kWh	111	9.5%	9.5%	\$ 94.68	\$ 98.91	\$ 4.23	4.47%	5
6	Between 501 and 600 kWh	102	8.8%	8.8%	\$ 120.19	\$ 125.58	\$ 5.39	4.48%	6
7	Between 601 and 700 kWh	91	7.8%	7.8%	\$ 147.65	\$ 154.65	\$ 7.00	4.74%	7
8	Between 701 and 800 kWh	56	4.8%	4.8%	\$ 186.50	\$ 195.39	\$ 8.89	4.77%	8
9	Between 801 and 900 kWh	63	5.4%	5.4%	\$ 213.16	\$ 223.69	\$ 10.53	4.94%	9
10	Between 901 and 1000 kWh	35	3.0%	3.0%	\$ 250.78	\$ 263.44	\$ 12.66	5.05%	10
11	Between 1001 and 1100 kWh	38	3.3%	3.3%	\$ 286.23	\$ 300.60	\$ 14.37	5.02%	11
12	Between 1101 and 1200 kWh	18	1.5%	1.5%	\$ 315.04	\$ 330.71	\$ 15.67	4.97%	12
13	Between 1201 and 1300 kWh	18	1.5%	1.5%	\$ 366.77	\$ 385.09	\$ 18.32	4.99%	13
14	Between 1301 and 1400 kWh	13	1.1%	1.1%	\$ 415.62	\$ 435.27	\$ 19.65	4.73%	14
15	Between 1401 and 1500 kWh	11	0.9%	0.9%	\$ 453.65	\$ 475.53	\$ 21.88	4.82%	15
16	Between 1501 and 2000 kWh	29	2.5%	2.5%	\$ 570.53	\$ 596.68	\$ 26.15	4.58%	16
17	Between 2001 and 2500 kWh	6	0.5%	0.5%	\$ 753.43	\$ 785.85	\$ 32.42	4.30%	17
18	Between 2501 and 3000 kWh	3	0.3%	0.3%	\$ 930.30	\$ 969.75	\$ 39.45	4.24%	18
19	> 3000 kWh	0	0.0%	0.0%	\$ -	\$ -	\$ -	#DIV/0!	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 130.31</b>	<b>\$ 136.32</b>	<b>\$ 6.01</b>	<b>4.61%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	150	12.9%	12.9%	\$ 14.93	\$ 15.42	\$ 0.49	3.28%	1
2	Between 101 and 200 kWh	151	13.0%	13.0%	\$ 28.97	\$ 30.19	\$ 1.22	4.21%	2
3	Between 201 and 300 kWh	155	13.3%	13.3%	\$ 46.17	\$ 48.07	\$ 1.90	4.12%	3
4	Between 301 and 400 kWh	149	12.8%	12.8%	\$ 64.60	\$ 67.33	\$ 2.73	4.23%	4
5	Between 401 and 500 kWh	136	11.7%	11.7%	\$ 86.70	\$ 90.63	\$ 3.93	4.53%	5
6	Between 501 and 600 kWh	107	9.2%	9.2%	\$ 104.89	\$ 109.86	\$ 4.97	4.74%	6
7	Between 601 and 700 kWh	82	7.0%	7.0%	\$ 127.39	\$ 134.13	\$ 6.74	5.29%	7
8	Between 701 and 800 kWh	61	5.2%	5.2%	\$ 151.91	\$ 160.84	\$ 8.93	5.88%	8
9	Between 801 and 900 kWh	57	4.9%	4.9%	\$ 179.58	\$ 190.69	\$ 11.11	6.19%	9
10	Between 901 and 1000 kWh	28	2.4%	2.4%	\$ 214.63	\$ 228.93	\$ 14.30	6.66%	10
11	Between 1001 and 1100 kWh	27	2.3%	2.3%	\$ 241.70	\$ 258.05	\$ 16.35	6.76%	11
12	Between 1101 and 1200 kWh	15	1.3%	1.3%	\$ 283.99	\$ 302.12	\$ 18.13	6.38%	12
13	Between 1201 and 1300 kWh	13	1.1%	1.1%	\$ 322.12	\$ 341.91	\$ 19.79	6.14%	13
14	Between 1301 and 1400 kWh	8	0.7%	0.7%	\$ 368.26	\$ 389.95	\$ 21.69	5.89%	14
15	Between 1401 and 1500 kWh	7	0.6%	0.6%	\$ 402.20	\$ 425.59	\$ 23.39	5.82%	15
16	Between 1501 and 2000 kWh	11	0.9%	0.9%	\$ 489.15	\$ 515.88	\$ 26.73	5.46%	16
17	Between 2001 and 2500 kWh	6	0.5%	0.5%	\$ 671.46	\$ 704.11	\$ 32.65	4.86%	17
18	Between 2501 and 3000 kWh	1	0.1%	0.1%	\$ 855.31	\$ 896.38	\$ 41.07	4.80%	18
19	> 3000 kWh	0	0.0%	0.0%	\$ -	\$ -	\$ -	0.00%	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 97.39</b>	<b>\$ 102.54</b>	<b>\$ 5.15</b>	<b>5.29%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	172	14.8%	14.8%	\$ 12.43	\$ 12.77	\$ 0.34	2.74%	1
2	Between 101 and 200 kWh	153	13.1%	13.1%	\$ 30.58	\$ 31.68	\$ 1.10	3.60%	2
3	Between 201 and 300 kWh	125	10.7%	10.7%	\$ 52.83	\$ 54.67	\$ 1.84	3.48%	3
4	Between 301 and 400 kWh	111	9.5%	9.5%	\$ 77.85	\$ 80.67	\$ 2.82	3.62%	4
5	Between 401 and 500 kWh	81	7.0%	7.0%	\$ 100.57	\$ 104.30	\$ 3.73	3.71%	5
6	Between 501 and 600 kWh	80	6.9%	6.9%	\$ 125.98	\$ 130.95	\$ 4.97	3.95%	6
7	Between 601 and 700 kWh	65	5.6%	5.6%	\$ 153.56	\$ 160.16	\$ 6.60	4.30%	7
8	Between 701 and 800 kWh	71	6.1%	6.1%	\$ 188.41	\$ 196.95	\$ 8.54	4.53%	8
9	Between 801 and 900 kWh	40	3.4%	3.4%	\$ 227.92	\$ 238.31	\$ 10.39	4.56%	9
10	Between 901 and 1000 kWh	40	3.4%	3.4%	\$ 265.25	\$ 277.63	\$ 12.38	4.67%	10
11	Between 1001 and 1100 kWh	39	3.4%	3.4%	\$ 304.98	\$ 319.03	\$ 14.05	4.61%	11
12	Between 1101 and 1200 kWh	29	2.5%	2.5%	\$ 354.00	\$ 369.56	\$ 15.56	4.40%	12
13	Between 1201 and 1300 kWh	25	2.1%	2.1%	\$ 391.88	\$ 408.95	\$ 17.07	4.36%	13
14	Between 1301 and 1400 kWh	23	2.0%	2.0%	\$ 445.89	\$ 464.78	\$ 18.89	4.24%	14
15	Between 1401 and 1500 kWh	16	1.4%	1.4%	\$ 488.73	\$ 509.36	\$ 20.63	4.22%	15
16	Between 1501 and 2000 kWh	55	4.7%	4.7%	\$ 605.65	\$ 630.09	\$ 24.44	4.04%	16
17	Between 2001 and 2500 kWh	23	2.0%	2.0%	\$ 852.78	\$ 885.27	\$ 32.49	3.81%	17
18	Between 2501 and 3000 kWh	10	0.9%	0.9%	\$ 1,096.20	\$ 1,136.61	\$ 40.41	3.69%	18
19	> 3000 kWh	6	0.5%	0.5%	\$ 1,340.03	\$ 1,388.33	\$ 48.30	3.60%	19
	<b>Total</b>	<b>1,164</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 176.40</b>	<b>\$ 183.61</b>	<b>\$ 7.21</b>	<b>4.09%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DRLI (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,133	2.6%	2.6%	\$ 7.28	\$ 7.64	\$ 0.36	4.95%	1
2	Between 101 and 200 kWh	39,799	16.6%	16.6%	\$ 16.60	\$ 17.35	\$ 0.75	4.52%	2
3	Between 201 and 300 kWh	56,596	23.6%	23.6%	\$ 28.62	\$ 29.88	\$ 1.26	4.40%	3
4	Between 301 and 400 kWh	49,112	20.5%	20.5%	\$ 43.56	\$ 45.59	\$ 2.03	4.66%	4
5	Between 401 and 500 kWh	35,479	14.8%	14.8%	\$ 63.28	\$ 66.23	\$ 2.95	4.66%	5
6	Between 501 and 600 kWh	22,479	9.4%	9.4%	\$ 86.61	\$ 90.56	\$ 3.95	4.56%	6
7	Between 601 and 700 kWh	13,466	5.6%	5.6%	\$ 110.84	\$ 115.89	\$ 5.05	4.56%	7
8	Between 701 and 800 kWh	7,604	3.2%	3.2%	\$ 135.34	\$ 141.57	\$ 6.23	4.60%	8
9	Between 801 and 900 kWh	4,154	1.7%	1.7%	\$ 159.82	\$ 167.20	\$ 7.38	4.62%	9
10	Between 901 and 1000 kWh	2,010	0.8%	0.8%	\$ 184.18	\$ 192.73	\$ 8.55	4.64%	10
11	Between 1001 and 1100 kWh	1,039	0.4%	0.4%	\$ 207.81	\$ 217.45	\$ 9.64	4.64%	11
12	Between 1101 and 1200 kWh	549	0.2%	0.2%	\$ 230.60	\$ 241.34	\$ 10.74	4.66%	12
13	Between 1201 and 1300 kWh	325	0.1%	0.1%	\$ 256.76	\$ 268.58	\$ 11.82	4.60%	13
14	Between 1301 and 1400 kWh	203	0.1%	0.1%	\$ 283.72	\$ 296.52	\$ 12.80	4.51%	14
15	Between 1401 and 1500 kWh	140	0.1%	0.1%	\$ 308.65	\$ 322.32	\$ 13.67	4.43%	15
16	Between 1501 and 2000 kWh	224	0.1%	0.1%	\$ 365.51	\$ 381.54	\$ 16.03	4.39%	16
17	Between 2001 and 2500 kWh	35	0.0%	0.0%	\$ 499.86	\$ 521.31	\$ 21.45	4.29%	17
18	Between 2501 and 3000 kWh	18	0.0%	0.0%	\$ 649.42	\$ 676.01	\$ 26.59	4.09%	18
19	> 3000 kWh	7	0.0%	0.0%	\$ 1,798.34	\$ 1,867.40	\$ 69.06	3.84%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 53.74</b>	<b>\$ 56.20</b>	<b>\$ 2.46</b>	<b>4.58%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DRLI (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	7,807	3.3%	3.3%	\$ 6.82	\$ 7.18	\$ 0.36	5.28%	1
2	Between 101 and 200 kWh	46,791	19.5%	22.8%	\$ 15.35	\$ 16.09	\$ 0.74	4.82%	2
3	Between 201 and 300 kWh	61,910	25.9%	48.7%	\$ 26.00	\$ 27.19	\$ 1.19	4.58%	3
4	Between 301 and 400 kWh	49,304	20.6%	69.3%	\$ 38.61	\$ 40.35	\$ 1.74	4.51%	4
5	Between 401 and 500 kWh	31,726	13.3%	82.5%	\$ 55.73	\$ 58.30	\$ 2.57	4.61%	5
6	Between 501 and 600 kWh	18,463	7.7%	90.2%	\$ 76.62	\$ 80.36	\$ 3.74	4.88%	6
7	Between 601 and 700 kWh	10,364	4.3%	94.6%	\$ 98.34	\$ 103.53	\$ 5.19	5.28%	7
8	Between 701 and 800 kWh	5,788	2.4%	97.0%	\$ 120.54	\$ 127.15	\$ 6.61	5.48%	8
9	Between 801 and 900 kWh	3,181	1.3%	98.3%	\$ 142.04	\$ 150.02	\$ 7.98	5.62%	9
10	Between 901 and 1000 kWh	1,684	0.7%	99.0%	\$ 162.91	\$ 172.10	\$ 9.19	5.64%	10
11	Between 1001 and 1100 kWh	884	0.4%	99.4%	\$ 182.85	\$ 193.54	\$ 10.69	5.85%	11
12	Between 1101 and 1200 kWh	568	0.2%	99.6%	\$ 203.03	\$ 214.76	\$ 11.73	5.78%	12
13	Between 1201 and 1300 kWh	302	0.1%	99.7%	\$ 223.25	\$ 236.20	\$ 12.95	5.80%	13
14	Between 1301 and 1400 kWh	204	0.1%	99.8%	\$ 245.99	\$ 259.84	\$ 13.85	5.63%	14
15	Between 1401 and 1500 kWh	110	0.0%	99.9%	\$ 270.20	\$ 285.20	\$ 15.00	5.55%	15
16	Between 1501 and 2000 kWh	220	0.1%	100.0%	\$ 324.19	\$ 341.63	\$ 17.44	5.38%	16
17	Between 2001 and 2500 kWh	46	0.0%	100.0%	\$ 443.97	\$ 466.03	\$ 22.06	4.97%	17
18	Between 2501 and 3000 kWh	10	0.0%	100.0%	\$ 558.13	\$ 586.32	\$ 28.19	5.05%	18
19	> 3000 kWh	10	0.0%	100.0%	\$ 1,326.21	\$ 1,383.13	\$ 56.92	4.29%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 43.64</b>	<b>\$ 45.77</b>	<b>\$ 2.13</b>	<b>4.88%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(ALL CUSTOMERS)  
Schedule DRLI (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8,408	3.5%	3.5%	\$ 6.56	\$ 6.85	\$ 0.29	4.42%	1
2	Between 101 and 200 kWh	35,919	15.0%	18.5%	\$ 17.80	\$ 18.54	\$ 0.74	4.16%	2
3	Between 201 and 300 kWh	48,726	20.4%	38.9%	\$ 30.65	\$ 31.88	\$ 1.23	4.01%	3
4	Between 301 and 400 kWh	44,084	18.4%	57.3%	\$ 46.17	\$ 48.34	\$ 2.17	4.70%	4
5	Between 401 and 500 kWh	33,949	14.2%	71.5%	\$ 68.42	\$ 71.78	\$ 3.36	4.91%	5
6	Between 501 and 600 kWh	24,036	10.0%	81.5%	\$ 95.09	\$ 99.46	\$ 4.37	4.60%	6
7	Between 601 and 700 kWh	16,495	6.9%	88.4%	\$ 122.96	\$ 128.25	\$ 5.29	4.30%	7
8	Between 701 and 800 kWh	10,932	4.6%	93.0%	\$ 151.43	\$ 157.61	\$ 6.18	4.08%	8
9	Between 801 and 900 kWh	7,080	3.0%	95.9%	\$ 179.54	\$ 186.59	\$ 7.05	3.93%	9
10	Between 901 and 1000 kWh	4,225	1.8%	97.7%	\$ 207.59	\$ 215.55	\$ 7.96	3.83%	10
11	Between 1001 and 1100 kWh	2,463	1.0%	98.7%	\$ 235.22	\$ 244.10	\$ 8.88	3.78%	11
12	Between 1101 and 1200 kWh	1,196	0.5%	99.2%	\$ 262.62	\$ 272.40	\$ 9.78	3.72%	12
13	Between 1201 and 1300 kWh	596	0.2%	99.5%	\$ 290.64	\$ 301.31	\$ 10.67	3.67%	13
14	Between 1301 and 1400 kWh	329	0.1%	99.6%	\$ 317.62	\$ 329.22	\$ 11.60	3.65%	14
15	Between 1401 and 1500 kWh	285	0.1%	99.7%	\$ 347.82	\$ 360.39	\$ 12.57	3.61%	15
16	Between 1501 and 2000 kWh	507	0.2%	99.9%	\$ 415.30	\$ 430.36	\$ 15.06	3.63%	16
17	Between 2001 and 2500 kWh	93	0.0%	100.0%	\$ 566.34	\$ 586.14	\$ 19.80	3.50%	17
18	Between 2501 and 3000 kWh	22	0.0%	100.0%	\$ 716.48	\$ 741.60	\$ 25.12	3.51%	18
19	> 3000 kWh	27	0.0%	100.0%	\$ 1,252.87	\$ 1,296.33	\$ 43.46	3.47%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 67.87</b>	<b>\$ 70.80</b>	<b>\$ 2.93</b>	<b>4.32%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,225	3.7%	3.7%	\$ 7.09	\$ 7.44	\$ 0.35	4.94%	1
2	Between 101 and 200 kWh	18,607	21.4%	25.1%	\$ 16.37	\$ 17.10	\$ 0.73	4.46%	2
3	Between 201 and 300 kWh	21,894	25.1%	50.2%	\$ 28.57	\$ 29.77	\$ 1.20	4.20%	3
4	Between 301 and 400 kWh	17,145	19.7%	69.9%	\$ 44.24	\$ 46.03	\$ 1.79	4.05%	4
5	Between 401 and 500 kWh	11,617	13.3%	83.3%	\$ 65.95	\$ 68.53	\$ 2.58	3.91%	5
6	Between 501 and 600 kWh	7,007	8.0%	91.3%	\$ 91.31	\$ 94.84	\$ 3.53	3.87%	6
7	Between 601 and 700 kWh	3,790	4.4%	95.7%	\$ 117.07	\$ 121.55	\$ 4.48	3.83%	7
8	Between 701 and 800 kWh	2,020	2.3%	98.0%	\$ 143.21	\$ 148.67	\$ 5.46	3.81%	8
9	Between 801 and 900 kWh	938	1.1%	99.1%	\$ 169.20	\$ 175.63	\$ 6.43	3.80%	9
10	Between 901 and 1000 kWh	406	0.5%	99.5%	\$ 195.49	\$ 202.91	\$ 7.42	3.80%	10
11	Between 1001 and 1100 kWh	188	0.2%	99.7%	\$ 222.06	\$ 230.42	\$ 8.36	3.76%	11
12	Between 1101 and 1200 kWh	75	0.1%	99.8%	\$ 250.06	\$ 259.47	\$ 9.41	3.76%	12
13	Between 1201 and 1300 kWh	54	0.1%	99.9%	\$ 275.38	\$ 285.87	\$ 10.49	3.81%	13
14	Between 1301 and 1400 kWh	32	0.0%	99.9%	\$ 302.46	\$ 313.69	\$ 11.23	3.71%	14
15	Between 1401 and 1500 kWh	21	0.0%	100.0%	\$ 332.50	\$ 344.79	\$ 12.29	3.70%	15
16	Between 1501 and 2000 kWh	31	0.0%	100.0%	\$ 390.40	\$ 405.09	\$ 14.69	3.76%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 493.64	\$ 512.10	\$ 18.46	3.74%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 700.39	\$ 727.36	\$ 26.97	3.85%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 931.44	\$ 967.93	\$ 36.49	3.92%	19
	Total	87,059	100.0%	100.0%	\$ 48.23	\$ 50.16	\$ 1.93	4.00%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,008	4.6%	4.6%	\$ 6.68	\$ 7.03	\$ 0.35	5.24%	1
2	Between 101 and 200 kWh	20,404	23.4%	28.0%	\$ 15.12	\$ 15.85	\$ 0.73	4.83%	2
3	Between 201 and 300 kWh	22,638	26.0%	54.0%	\$ 26.01	\$ 27.20	\$ 1.19	4.58%	3
4	Between 301 and 400 kWh	16,979	19.5%	73.5%	\$ 39.64	\$ 41.38	\$ 1.74	4.39%	4
5	Between 401 and 500 kWh	10,672	12.3%	85.8%	\$ 59.50	\$ 62.05	\$ 2.55	4.29%	5
6	Between 501 and 600 kWh	5,994	6.9%	92.7%	\$ 83.02	\$ 86.52	\$ 3.50	4.22%	6
7	Between 601 and 700 kWh	3,173	3.6%	96.3%	\$ 107.23	\$ 111.70	\$ 4.47	4.17%	7
8	Between 701 and 800 kWh	1,712	2.0%	98.3%	\$ 131.42	\$ 136.88	\$ 5.46	4.15%	8
9	Between 801 and 900 kWh	777	0.9%	99.2%	\$ 155.53	\$ 161.96	\$ 6.43	4.13%	9
10	Between 901 and 1000 kWh	374	0.4%	99.6%	\$ 180.00	\$ 187.42	\$ 7.42	4.12%	10
11	Between 1001 and 1100 kWh	157	0.2%	99.8%	\$ 203.23	\$ 211.76	\$ 8.53	4.20%	11
12	Between 1101 and 1200 kWh	70	0.1%	99.9%	\$ 229.05	\$ 238.38	\$ 9.33	4.07%	12
13	Between 1201 and 1300 kWh	34	0.0%	99.9%	\$ 252.69	\$ 263.20	\$ 10.51	4.16%	13
14	Between 1301 and 1400 kWh	24	0.0%	100.0%	\$ 278.72	\$ 290.36	\$ 11.64	4.18%	14
15	Between 1401 and 1500 kWh	8	0.0%	100.0%	\$ 304.75	\$ 317.09	\$ 12.34	4.05%	15
16	Between 1501 and 2000 kWh	27	0.0%	100.0%	\$ 361.26	\$ 376.40	\$ 15.14	4.19%	16
17	Between 2001 and 2500 kWh	4	0.0%	100.0%	\$ 485.32	\$ 504.95	\$ 19.63	4.04%	17
18	Between 2501 and 3000 kWh	1	0.0%	100.0%	\$ 579.67	\$ 610.99	\$ 31.32	5.40%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 763.64	\$ 797.04	\$ 33.40	4.37%	19
	Total	87,059	100.0%	100.0%	\$ 40.93	\$ 42.72	\$ 1.79	4.37%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,932	4.5%	4.5%	\$ 6.54	\$ 6.83	\$ 0.29	4.43%	1
2	Between 101 and 200 kWh	16,890	19.4%	23.9%	\$ 17.63	\$ 18.36	\$ 0.73	4.14%	2
3	Between 201 and 300 kWh	19,927	22.9%	46.8%	\$ 30.53	\$ 31.71	\$ 1.18	3.87%	3
4	Between 301 and 400 kWh	16,201	18.6%	65.4%	\$ 46.88	\$ 48.62	\$ 1.74	3.71%	4
5	Between 401 and 500 kWh	11,579	13.3%	78.7%	\$ 71.73	\$ 74.32	\$ 2.59	3.61%	5
6	Between 501 and 600 kWh	7,517	8.6%	87.3%	\$ 99.86	\$ 103.40	\$ 3.54	3.54%	6
7	Between 601 and 700 kWh	4,784	5.5%	92.8%	\$ 128.62	\$ 133.12	\$ 4.50	3.50%	7
8	Between 701 and 800 kWh	2,866	3.3%	96.1%	\$ 157.69	\$ 163.17	\$ 5.48	3.48%	8
9	Between 801 and 900 kWh	1,677	1.9%	98.1%	\$ 186.26	\$ 192.70	\$ 6.44	3.46%	9
10	Between 901 and 1000 kWh	829	1.0%	99.0%	\$ 214.71	\$ 222.12	\$ 7.41	3.45%	10
11	Between 1001 and 1100 kWh	364	0.4%	99.4%	\$ 243.29	\$ 251.65	\$ 8.36	3.44%	11
12	Between 1101 and 1200 kWh	159	0.2%	99.6%	\$ 272.59	\$ 281.92	\$ 9.33	3.42%	12
13	Between 1201 and 1300 kWh	120	0.1%	99.8%	\$ 301.30	\$ 311.59	\$ 10.29	3.42%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 330.80	\$ 342.09	\$ 11.29	3.41%	14
15	Between 1401 and 1500 kWh	58	0.1%	99.9%	\$ 361.18	\$ 373.49	\$ 12.31	3.41%	15
16	Between 1501 and 2000 kWh	78	0.1%	100.0%	\$ 430.61	\$ 445.31	\$ 14.70	3.41%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 562.24	\$ 581.30	\$ 19.06	3.39%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 696.99	\$ 720.57	\$ 23.58	3.38%	18
19	> 3000 kWh	9	0.0%	100.0%	\$ 1,063.13	\$ 1,100.01	\$ 36.88	3.47%	19
	Total	87,059	100.0%	100.0%	\$ 58.46	\$ 60.58	\$ 2.12	3.63%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	794	2.5%	2.5%	\$ 7.13	\$ 7.49	\$ 0.36	5.05%	1
2	Between 101 and 200 kWh	6,929	21.5%	24.0%	\$ 16.55	\$ 17.31	\$ 0.76	4.59%	2
3	Between 201 and 300 kWh	9,606	29.9%	53.9%	\$ 28.12	\$ 29.54	\$ 1.42	5.05%	3
4	Between 301 and 400 kWh	6,960	21.6%	75.5%	\$ 42.41	\$ 45.29	\$ 2.88	6.79%	4
5	Between 401 and 500 kWh	3,854	12.0%	87.5%	\$ 60.24	\$ 64.77	\$ 4.53	7.52%	5
6	Between 501 and 600 kWh	2,035	6.3%	93.8%	\$ 80.11	\$ 86.53	\$ 6.42	8.01%	6
7	Between 601 and 700 kWh	1,027	3.2%	97.0%	\$ 101.82	\$ 110.69	\$ 8.87	8.71%	7
8	Between 701 and 800 kWh	487	1.5%	98.5%	\$ 125.60	\$ 136.31	\$ 10.71	8.53%	8
9	Between 801 and 900 kWh	253	0.8%	99.3%	\$ 150.50	\$ 162.53	\$ 12.03	7.99%	9
10	Between 901 and 1000 kWh	127	0.4%	99.7%	\$ 175.69	\$ 188.80	\$ 13.11	7.46%	10
11	Between 1001 and 1100 kWh	57	0.2%	99.8%	\$ 201.40	\$ 215.51	\$ 14.11	7.01%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 228.04	\$ 243.16	\$ 15.12	6.63%	12
13	Between 1201 and 1300 kWh	10	0.0%	99.9%	\$ 253.46	\$ 269.56	\$ 16.10	6.35%	13
14	Between 1301 and 1400 kWh	7	0.0%	100.0%	\$ 283.69	\$ 300.63	\$ 16.94	5.97%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 306.35	\$ 324.08	\$ 17.73	5.79%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 352.39	\$ 372.10	\$ 19.71	5.59%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 510.44	\$ 536.04	\$ 25.60	5.02%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 7,298.60	\$ 7,575.06	\$ 276.46	3.79%	19
	Total	32,178	100.0%	100.0%	\$ 41.62	\$ 44.44	\$ 2.82	6.78%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	888	2.8%	2.8%	\$ 6.67	\$ 7.02	\$ 0.35	5.25%	1
2	Between 101 and 200 kWh	7,512	23.3%	26.1%	\$ 15.38	\$ 16.12	\$ 0.74	4.81%	2
3	Between 201 and 300 kWh	9,812	30.5%	56.6%	\$ 25.63	\$ 26.82	\$ 1.19	4.64%	3
4	Between 301 and 400 kWh	6,530	20.3%	76.9%	\$ 36.75	\$ 38.56	\$ 1.81	4.93%	4
5	Between 401 and 500 kWh	3,514	10.9%	87.8%	\$ 48.90	\$ 52.01	\$ 3.11	6.36%	5
6	Between 501 and 600 kWh	1,820	5.7%	93.5%	\$ 63.36	\$ 69.20	\$ 5.84	9.22%	6
7	Between 601 and 700 kWh	941	2.9%	96.4%	\$ 81.56	\$ 90.89	\$ 9.33	11.44%	7
8	Between 701 and 800 kWh	493	1.5%	97.9%	\$ 103.97	\$ 115.40	\$ 11.43	10.99%	8
9	Between 801 and 900 kWh	310	1.0%	98.9%	\$ 127.79	\$ 140.56	\$ 12.77	9.99%	9
10	Between 901 and 1000 kWh	164	0.5%	99.4%	\$ 151.22	\$ 165.21	\$ 13.99	9.25%	10
11	Between 1001 and 1100 kWh	97	0.3%	99.7%	\$ 173.53	\$ 188.37	\$ 14.84	8.55%	11
12	Between 1101 and 1200 kWh	45	0.1%	99.8%	\$ 199.58	\$ 215.61	\$ 16.03	8.03%	12
13	Between 1201 and 1300 kWh	21	0.1%	99.9%	\$ 223.09	\$ 240.13	\$ 17.04	7.64%	13
14	Between 1301 and 1400 kWh	13	0.0%	99.9%	\$ 250.56	\$ 268.74	\$ 18.18	7.26%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 275.75	\$ 294.23	\$ 18.48	6.70%	15
16	Between 1501 and 2000 kWh	11	0.0%	100.0%	\$ 323.37	\$ 344.15	\$ 20.78	6.43%	16
17	Between 2001 and 2500 kWh	1	0.0%	100.0%	\$ 410.13	\$ 434.67	\$ 24.54	5.98%	17
18	Between 2501 and 3000 kWh	1	0.0%	100.0%	\$ 535.07	\$ 564.61	\$ 29.54	5.52%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 6,433.69	\$ 6,700.14	\$ 266.45	4.14%	19
	Total	32,178	100.0%	100.0%	\$ 35.38	\$ 37.70	\$ 2.32	6.56%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,279	4.0%	4.0%	\$ 6.75	\$ 7.08	\$ 0.33	4.89%	1
2	Between 101 and 200 kWh	7,023	21.8%	25.8%	\$ 17.78	\$ 18.52	\$ 0.74	4.16%	2
3	Between 201 and 300 kWh	8,672	27.0%	52.8%	\$ 30.50	\$ 31.89	\$ 1.39	4.56%	3
4	Between 301 and 400 kWh	6,482	20.1%	72.9%	\$ 46.92	\$ 50.92	\$ 4.00	8.53%	4
5	Between 401 and 500 kWh	3,899	12.1%	85.0%	\$ 71.82	\$ 78.43	\$ 6.61	9.20%	5
6	Between 501 and 600 kWh	2,232	6.9%	91.9%	\$ 99.97	\$ 107.84	\$ 7.87	7.87%	6
7	Between 601 and 700 kWh	1,231	3.8%	95.8%	\$ 128.55	\$ 137.45	\$ 8.90	6.92%	7
8	Between 701 and 800 kWh	724	2.2%	98.0%	\$ 157.07	\$ 166.96	\$ 9.89	6.30%	8
9	Between 801 and 900 kWh	350	1.1%	99.1%	\$ 185.79	\$ 196.67	\$ 10.88	5.86%	9
10	Between 901 and 1000 kWh	164	0.5%	99.6%	\$ 215.70	\$ 227.58	\$ 11.88	5.51%	10
11	Between 1001 and 1100 kWh	70	0.2%	99.8%	\$ 244.67	\$ 257.53	\$ 12.86	5.26%	11
12	Between 1101 and 1200 kWh	22	0.1%	99.9%	\$ 274.35	\$ 288.13	\$ 13.78	5.02%	12
13	Between 1201 and 1300 kWh	6	0.0%	99.9%	\$ 296.83	\$ 311.29	\$ 14.46	4.87%	13
14	Between 1301 and 1400 kWh	5	0.0%	99.9%	\$ 326.53	\$ 342.16	\$ 15.63	4.79%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 360.55	\$ 377.31	\$ 16.76	4.65%	15
16	Between 1501 and 2000 kWh	12	0.0%	100.0%	\$ 419.05	\$ 437.78	\$ 18.73	4.47%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 609.08	\$ 634.19	\$ 25.11	4.12%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 8,509.48	\$ 8,799.93	\$ 290.45	3.41%	19
	Total	32,178	100.0%	100.0%	\$ 50.36	\$ 53.86	\$ 3.50	6.95%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,526	2.0%	2.0%	\$ 7.85	\$ 8.21	\$ 0.36	4.59%	1
2	Between 101 and 200 kWh	9,291	12.1%	14.1%	\$ 16.88	\$ 17.63	\$ 0.75	4.44%	2
3	Between 201 and 300 kWh	15,103	19.7%	33.9%	\$ 29.07	\$ 30.28	\$ 1.21	4.16%	3
4	Between 301 and 400 kWh	15,282	20.0%	53.9%	\$ 44.09	\$ 45.86	\$ 1.77	4.01%	4
5	Between 401 and 500 kWh	12,741	16.7%	70.5%	\$ 64.05	\$ 66.56	\$ 2.51	3.92%	5
6	Between 501 and 600 kWh	9,043	11.8%	82.4%	\$ 88.37	\$ 91.77	\$ 3.40	3.85%	6
7	Between 601 and 700 kWh	6,033	7.9%	90.2%	\$ 113.99	\$ 118.34	\$ 4.35	3.82%	7
8	Between 701 and 800 kWh	3,501	4.6%	94.8%	\$ 139.70	\$ 145.02	\$ 5.32	3.81%	8
9	Between 801 and 900 kWh	1,995	2.6%	97.4%	\$ 165.47	\$ 171.79	\$ 6.32	3.82%	9
10	Between 901 and 1000 kWh	934	1.2%	98.6%	\$ 191.82	\$ 199.19	\$ 7.37	3.84%	10
11	Between 1001 and 1100 kWh	448	0.6%	99.2%	\$ 218.18	\$ 226.61	\$ 8.43	3.86%	11
12	Between 1101 and 1200 kWh	226	0.3%	99.5%	\$ 244.87	\$ 254.23	\$ 9.36	3.82%	12
13	Between 1201 and 1300 kWh	118	0.2%	99.7%	\$ 275.29	\$ 285.59	\$ 10.30	3.74%	13
14	Between 1301 and 1400 kWh	79	0.1%	99.8%	\$ 299.96	\$ 311.41	\$ 11.45	3.82%	14
15	Between 1401 and 1500 kWh	58	0.1%	99.9%	\$ 323.98	\$ 336.61	\$ 12.63	3.90%	15
16	Between 1501 and 2000 kWh	83	0.1%	100.0%	\$ 384.71	\$ 399.33	\$ 14.62	3.80%	16
17	Between 2001 and 2500 kWh	13	0.0%	100.0%	\$ 533.25	\$ 552.84	\$ 19.59	3.67%	17
18	Between 2501 and 3000 kWh	6	0.0%	100.0%	\$ 673.85	\$ 698.65	\$ 24.80	3.68%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 831.83	\$ 864.31	\$ 32.48	3.90%	19
	Total	76,483	100.0%	100.0%	\$ 63.49	\$ 65.98	\$ 2.49	3.92%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,123	2.8%	2.8%	\$ 7.25	\$ 7.61	\$ 0.36	4.97%	1
2	Between 101 and 200 kWh	12,257	16.0%	18.8%	\$ 15.50	\$ 16.24	\$ 0.74	4.77%	2
3	Between 201 and 300 kWh	17,780	23.2%	42.0%	\$ 26.24	\$ 27.43	\$ 1.19	4.54%	3
4	Between 301 and 400 kWh	16,281	21.3%	63.3%	\$ 39.29	\$ 41.02	\$ 1.73	4.40%	4
5	Between 401 and 500 kWh	11,461	15.0%	78.3%	\$ 58.14	\$ 60.64	\$ 2.50	4.30%	5
6	Between 501 and 600 kWh	7,385	9.7%	88.0%	\$ 81.35	\$ 84.78	\$ 3.43	4.22%	6
7	Between 601 and 700 kWh	4,266	5.6%	93.6%	\$ 105.30	\$ 109.72	\$ 4.42	4.20%	7
8	Between 701 and 800 kWh	2,324	3.0%	96.6%	\$ 129.02	\$ 134.44	\$ 5.42	4.20%	8
9	Between 801 and 900 kWh	1,268	1.7%	98.3%	\$ 153.11	\$ 159.55	\$ 6.44	4.21%	9
10	Between 901 and 1000 kWh	626	0.8%	99.1%	\$ 175.73	\$ 183.27	\$ 7.54	4.29%	10
11	Between 1001 and 1100 kWh	291	0.4%	99.4%	\$ 199.35	\$ 208.01	\$ 8.66	4.34%	11
12	Between 1101 and 1200 kWh	184	0.2%	99.7%	\$ 223.54	\$ 233.31	\$ 9.77	4.37%	12
13	Between 1201 and 1300 kWh	80	0.1%	99.8%	\$ 249.10	\$ 259.88	\$ 10.78	4.33%	13
14	Between 1301 and 1400 kWh	53	0.1%	99.9%	\$ 273.21	\$ 284.80	\$ 11.59	4.24%	14
15	Between 1401 and 1500 kWh	35	0.0%	99.9%	\$ 291.82	\$ 305.03	\$ 13.21	4.53%	15
16	Between 1501 and 2000 kWh	52	0.1%	100.0%	\$ 349.04	\$ 364.34	\$ 15.30	4.38%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 480.97	\$ 501.03	\$ 20.06	4.17%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 588.04	\$ 611.70	\$ 23.66	4.02%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 801.59	\$ 835.58	\$ 33.99	4.24%	19
	Total	76,483	100.0%	100.0%	\$ 49.73	\$ 51.89	\$ 2.16	4.34%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,202	2.9%	2.9%	\$ 6.53	\$ 6.79	\$ 0.26	3.98%	1
2	Between 101 and 200 kWh	7,503	9.8%	12.7%	\$ 17.98	\$ 18.72	\$ 0.74	4.12%	2
3	Between 201 and 300 kWh	12,126	15.9%	28.5%	\$ 30.82	\$ 32.01	\$ 1.19	3.86%	3
4	Between 301 and 400 kWh	12,874	16.8%	45.4%	\$ 45.54	\$ 47.24	\$ 1.70	3.73%	4
5	Between 401 and 500 kWh	11,454	15.0%	60.4%	\$ 66.01	\$ 68.41	\$ 2.40	3.64%	5
6	Between 501 and 600 kWh	9,259	12.1%	72.5%	\$ 92.46	\$ 95.76	\$ 3.30	3.57%	6
7	Between 601 and 700 kWh	6,931	9.1%	81.5%	\$ 120.71	\$ 124.96	\$ 4.25	3.52%	7
8	Between 701 and 800 kWh	5,073	6.6%	88.2%	\$ 149.43	\$ 154.65	\$ 5.22	3.49%	8
9	Between 801 and 900 kWh	3,590	4.7%	92.8%	\$ 178.20	\$ 184.40	\$ 6.20	3.48%	9
10	Between 901 and 1000 kWh	2,329	3.0%	95.9%	\$ 206.95	\$ 214.11	\$ 7.16	3.46%	10
11	Between 1001 and 1100 kWh	1,464	1.9%	97.8%	\$ 235.29	\$ 243.39	\$ 8.10	3.44%	11
12	Between 1101 and 1200 kWh	701	0.9%	98.7%	\$ 264.02	\$ 273.12	\$ 9.10	3.45%	12
13	Between 1201 and 1300 kWh	316	0.4%	99.1%	\$ 293.39	\$ 303.50	\$ 10.11	3.45%	13
14	Between 1301 and 1400 kWh	166	0.2%	99.4%	\$ 322.90	\$ 333.95	\$ 11.05	3.42%	14
15	Between 1401 and 1500 kWh	146	0.2%	99.5%	\$ 351.99	\$ 364.09	\$ 12.10	3.44%	15
16	Between 1501 and 2000 kWh	265	0.3%	99.9%	\$ 418.02	\$ 432.32	\$ 14.30	3.42%	16
17	Between 2001 and 2500 kWh	61	0.1%	100.0%	\$ 568.18	\$ 587.43	\$ 19.25	3.39%	17
18	Between 2501 and 3000 kWh	11	0.0%	100.0%	\$ 735.00	\$ 759.86	\$ 24.86	3.38%	18
19	> 3000 kWh	12	0.0%	100.0%	\$ 957.13	\$ 989.72	\$ 32.59	3.40%	19
	Total	76,483	100.0%	100.0%	\$ 82.77	\$ 85.72	\$ 2.95	3.56%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)**  
Schedule DRLI (Annual, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	517	1.2%	1.2%	\$ 7.30	\$ 7.66	\$ 0.36	4.93%	1
2	Between 101 and 200 kWh	4,890	11.8%	13.1%	\$ 17.04	\$ 17.81	\$ 0.77	4.52%	2
3	Between 201 and 300 kWh	9,840	23.8%	36.8%	\$ 28.52	\$ 29.83	\$ 1.31	4.59%	3
4	Between 301 and 400 kWh	9,517	23.0%	59.8%	\$ 42.35	\$ 44.62	\$ 2.27	5.36%	4
5	Between 401 and 500 kWh	6,981	16.9%	76.7%	\$ 59.42	\$ 62.94	\$ 3.52	5.92%	5
6	Between 501 and 600 kWh	4,128	10.0%	86.7%	\$ 78.80	\$ 83.54	\$ 4.74	6.02%	6
7	Between 601 and 700 kWh	2,337	5.6%	92.3%	\$ 98.49	\$ 104.78	\$ 6.29	6.39%	7
8	Between 701 and 800 kWh	1,380	3.3%	95.6%	\$ 119.72	\$ 127.96	\$ 8.24	6.88%	8
9	Between 801 and 900 kWh	771	1.9%	97.5%	\$ 143.48	\$ 153.59	\$ 10.11	7.05%	9
10	Between 901 and 1000 kWh	408	1.0%	98.5%	\$ 167.53	\$ 178.99	\$ 11.46	6.84%	10
11	Between 1001 and 1100 kWh	233	0.6%	99.0%	\$ 192.54	\$ 205.10	\$ 12.56	6.52%	11
12	Between 1101 and 1200 kWh	150	0.4%	99.4%	\$ 218.75	\$ 232.26	\$ 13.51	6.18%	12
13	Between 1201 and 1300 kWh	90	0.2%	99.6%	\$ 245.24	\$ 259.83	\$ 14.59	5.95%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 271.88	\$ 287.42	\$ 15.54	5.72%	14
15	Between 1401 and 1500 kWh	29	0.1%	99.8%	\$ 299.17	\$ 315.60	\$ 16.43	5.49%	15
16	Between 1501 and 2000 kWh	57	0.1%	100.0%	\$ 357.17	\$ 375.86	\$ 18.69	5.23%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 496.65	\$ 520.52	\$ 23.87	4.81%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 635.79	\$ 664.58	\$ 28.79	4.53%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	41,398	100.0%	100.0%	\$ 54.05	\$ 57.19	\$ 3.14	5.81%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)**  
Schedule DRLI (Winter, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	697	1.7%	1.7%	\$ 6.71	\$ 7.06	\$ 0.35	5.22%	1
2	Between 101 and 200 kWh	6,535	15.8%	17.5%	\$ 15.71	\$ 16.46	\$ 0.75	4.77%	2
3	Between 201 and 300 kWh	11,485	27.7%	45.2%	\$ 25.89	\$ 27.07	\$ 1.18	4.56%	3
4	Between 301 and 400 kWh	9,283	22.4%	67.6%	\$ 36.88	\$ 38.56	\$ 1.68	4.56%	4
5	Between 401 and 500 kWh	5,789	14.0%	81.6%	\$ 48.38	\$ 50.83	\$ 2.45	5.06%	5
6	Between 501 and 600 kWh	2,980	7.2%	88.8%	\$ 61.04	\$ 64.82	\$ 3.78	6.19%	6
7	Between 601 and 700 kWh	1,768	4.3%	93.1%	\$ 76.29	\$ 82.61	\$ 6.32	8.28%	7
8	Between 701 and 800 kWh	1,057	2.6%	95.6%	\$ 95.57	\$ 104.75	\$ 9.18	9.61%	8
9	Between 801 and 900 kWh	665	1.6%	97.2%	\$ 117.49	\$ 128.52	\$ 11.03	9.39%	9
10	Between 901 and 1000 kWh	382	0.9%	98.2%	\$ 140.73	\$ 153.11	\$ 12.38	8.80%	10
11	Between 1001 and 1100 kWh	261	0.6%	98.8%	\$ 164.95	\$ 178.39	\$ 13.44	8.15%	11
12	Between 1101 and 1200 kWh	182	0.4%	99.2%	\$ 189.78	\$ 204.32	\$ 14.54	7.66%	12
13	Between 1201 and 1300 kWh	110	0.3%	99.5%	\$ 212.29	\$ 227.83	\$ 15.54	7.32%	13
14	Between 1301 and 1400 kWh	65	0.2%	99.7%	\$ 237.70	\$ 254.34	\$ 16.64	7.00%	14
15	Between 1401 and 1500 kWh	41	0.1%	99.8%	\$ 263.72	\$ 281.27	\$ 17.55	6.65%	15
16	Between 1501 and 2000 kWh	80	0.2%	100.0%	\$ 318.46	\$ 338.14	\$ 19.68	6.18%	16
17	Between 2001 and 2500 kWh	14	0.0%	100.0%	\$ 441.03	\$ 465.82	\$ 24.79	5.62%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 559.13	\$ 588.69	\$ 29.56	5.29%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	41,398	100.0%	100.0%	\$ 41.98	\$ 44.50	\$ 2.52	6.00%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(INLAND CUSTOMERS)**  
Schedule DRLI (Summer, All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	890	2.1%	2.1%	\$ 6.68	\$ 6.98	\$ 0.30	4.49%	1
2	Between 101 and 200 kWh	4,394	10.6%	12.8%	\$ 18.16	\$ 18.91	\$ 0.75	4.13%	2
3	Between 201 and 300 kWh	7,842	18.9%	31.7%	\$ 30.84	\$ 32.09	\$ 1.25	4.05%	3
4	Between 301 and 400 kWh	8,291	20.0%	51.7%	\$ 45.23	\$ 47.52	\$ 2.29	5.06%	4
5	Between 401 and 500 kWh	6,778	16.4%	68.1%	\$ 65.27	\$ 69.75	\$ 4.48	6.86%	5
6	Between 501 and 600 kWh	4,801	11.6%	79.7%	\$ 91.36	\$ 97.53	\$ 6.17	6.75%	6
7	Between 601 and 700 kWh	3,328	8.0%	87.7%	\$ 119.17	\$ 126.47	\$ 7.30	6.13%	7
8	Between 701 and 800 kWh	2,080	5.0%	92.8%	\$ 148.18	\$ 156.50	\$ 8.32	5.61%	8
9	Between 801 and 900 kWh	1,286	3.1%	95.9%	\$ 176.74	\$ 186.03	\$ 9.29	5.26%	9
10	Between 901 and 1000 kWh	759	1.8%	97.7%	\$ 205.74	\$ 216.02	\$ 10.28	5.00%	10
11	Between 1001 and 1100 kWh	466	1.1%	98.8%	\$ 233.90	\$ 245.14	\$ 11.24	4.81%	11
12	Between 1101 and 1200 kWh	215	0.5%	99.4%	\$ 262.52	\$ 274.71	\$ 12.19	4.64%	12
13	Between 1201 and 1300 kWh	86	0.2%	99.6%	\$ 292.26	\$ 305.43	\$ 13.17	4.51%	13
14	Between 1301 and 1400 kWh	45	0.1%	99.7%	\$ 321.81	\$ 336.00	\$ 14.19	4.41%	14
15	Between 1401 and 1500 kWh	31	0.1%	99.7%	\$ 350.13	\$ 365.18	\$ 15.05	4.30%	15
16	Between 1501 and 2000 kWh	87	0.2%	100.0%	\$ 417.48	\$ 434.89	\$ 17.41	4.17%	16
17	Between 2001 and 2500 kWh	10	0.0%	100.0%	\$ 569.44	\$ 591.95	\$ 22.51	3.95%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 706.81	\$ 733.94	\$ 27.13	3.84%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 871.47	\$ 904.12	\$ 32.65	3.75%	19
	Total	41,398	100.0%	100.0%	\$ 70.94	\$ 74.95	\$ 4.01	5.65%	



REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	47	3.8%	3.8%	\$ 4.96	\$ 5.13	\$ 0.17	3.43%	1
2	Between 101 and 200 kWh	51	4.1%	7.9%	\$ 18.00	\$ 18.77	\$ 0.77	4.28%	2
3	Between 201 and 300 kWh	96	7.8%	15.7%	\$ 29.39	\$ 30.62	\$ 1.23	4.19%	3
4	Between 301 and 400 kWh	117	9.5%	25.1%	\$ 42.59	\$ 44.34	\$ 1.75	4.11%	4
5	Between 401 and 500 kWh	182	14.7%	39.8%	\$ 56.61	\$ 58.91	\$ 2.30	4.06%	5
6	Between 501 and 600 kWh	162	13.1%	52.9%	\$ 74.67	\$ 77.66	\$ 2.99	4.00%	6
7	Between 601 and 700 kWh	160	12.9%	65.8%	\$ 96.29	\$ 100.12	\$ 3.83	3.98%	7
8	Between 701 and 800 kWh	120	9.7%	75.5%	\$ 119.41	\$ 124.13	\$ 4.72	3.95%	8
9	Between 801 and 900 kWh	105	8.5%	84.0%	\$ 141.49	\$ 147.25	\$ 5.76	4.07%	9
10	Between 901 and 1000 kWh	64	5.2%	89.2%	\$ 166.14	\$ 172.97	\$ 6.83	4.11%	10
11	Between 1001 and 1100 kWh	52	4.2%	93.4%	\$ 190.05	\$ 197.92	\$ 7.87	4.14%	11
12	Between 1101 and 1200 kWh	32	2.6%	96.0%	\$ 207.53	\$ 216.78	\$ 9.25	4.46%	12
13	Between 1201 and 1300 kWh	13	1.1%	97.0%	\$ 240.76	\$ 250.80	\$ 10.04	4.17%	13
14	Between 1301 and 1400 kWh	13	1.1%	98.1%	\$ 263.12	\$ 274.30	\$ 11.18	4.25%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.8%	\$ 290.58	\$ 302.50	\$ 11.92	4.10%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.9%	\$ 347.65	\$ 362.05	\$ 14.40	4.14%	16
17	Between 2001 and 2500 kWh	1	0.1%	100.0%	\$ 482.72	\$ 500.57	\$ 17.85	3.70%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 95.01</b>	<b>\$ 98.89</b>	<b>\$ 3.88</b>	<b>4.08%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	57	4.6%	4.6%	\$ 4.92	\$ 5.09	\$ 0.17	3.46%	1
2	Between 101 and 200 kWh	43	3.5%	8.1%	\$ 16.78	\$ 17.56	\$ 0.78	4.65%	2
3	Between 201 and 300 kWh	106	8.6%	16.6%	\$ 28.15	\$ 29.41	\$ 1.26	4.48%	3
4	Between 301 and 400 kWh	120	9.7%	26.3%	\$ 38.39	\$ 40.08	\$ 1.69	4.40%	4
5	Between 401 and 500 kWh	183	14.8%	41.1%	\$ 51.01	\$ 53.23	\$ 2.22	4.35%	5
6	Between 501 and 600 kWh	173	14.0%	55.1%	\$ 69.07	\$ 72.03	\$ 2.96	4.29%	6
7	Between 601 and 700 kWh	130	10.5%	65.6%	\$ 88.01	\$ 91.76	\$ 3.75	4.26%	7
8	Between 701 and 800 kWh	122	9.9%	75.4%	\$ 110.19	\$ 114.86	\$ 4.67	4.24%	8
9	Between 801 and 900 kWh	83	6.7%	82.1%	\$ 130.23	\$ 135.81	\$ 5.58	4.28%	9
10	Between 901 and 1000 kWh	71	5.7%	87.9%	\$ 147.31	\$ 153.80	\$ 6.49	4.41%	10
11	Between 1001 and 1100 kWh	41	3.3%	91.2%	\$ 164.44	\$ 172.30	\$ 7.86	4.78%	11
12	Between 1101 and 1200 kWh	37	3.0%	94.2%	\$ 186.54	\$ 195.52	\$ 8.98	4.81%	12
13	Between 1201 and 1300 kWh	22	1.8%	96.0%	\$ 216.96	\$ 227.07	\$ 10.11	4.66%	13
14	Between 1301 and 1400 kWh	19	1.5%	97.5%	\$ 235.82	\$ 247.17	\$ 11.35	4.81%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.2%	\$ 252.51	\$ 265.10	\$ 12.59	4.99%	15
16	Between 1501 and 2000 kWh	17	1.4%	99.6%	\$ 311.15	\$ 326.24	\$ 15.09	4.85%	16
17	Between 2001 and 2500 kWh	5	0.4%	100.0%	\$ 436.92	\$ 455.67	\$ 18.75	4.29%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>200.0%</b>	<b>\$ 87.78</b>	<b>\$ 91.69</b>	<b>\$ 3.91</b>	<b>4.45%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	67	5.4%	5.4%	\$ 4.63	\$ 4.80	\$ 0.17	3.67%	1
2	Between 101 and 200 kWh	72	5.8%	11.2%	\$ 18.93	\$ 19.70	\$ 0.77	4.07%	2
3	Between 201 and 300 kWh	99	8.0%	19.2%	\$ 31.03	\$ 32.22	\$ 1.19	3.83%	3
4	Between 301 and 400 kWh	142	11.5%	30.7%	\$ 44.64	\$ 46.31	\$ 1.67	3.74%	4
5	Between 401 and 500 kWh	149	12.0%	42.7%	\$ 58.44	\$ 60.60	\$ 2.16	3.70%	5
6	Between 501 and 600 kWh	135	10.9%	53.6%	\$ 76.78	\$ 79.60	\$ 2.82	3.67%	6
7	Between 601 and 700 kWh	131	10.6%	64.2%	\$ 102.11	\$ 105.87	\$ 3.76	3.68%	7
8	Between 701 and 800 kWh	118	9.5%	73.7%	\$ 129.48	\$ 134.33	\$ 4.85	3.75%	8
9	Between 801 and 900 kWh	94	7.6%	81.3%	\$ 157.91	\$ 163.75	\$ 5.84	3.70%	9
10	Between 901 and 1000 kWh	78	6.3%	87.6%	\$ 185.81	\$ 192.54	\$ 6.73	3.62%	10
11	Between 1001 and 1100 kWh	41	3.3%	91.0%	\$ 212.11	\$ 219.84	\$ 7.73	3.64%	11
12	Between 1101 and 1200 kWh	46	3.7%	94.7%	\$ 242.65	\$ 251.26	\$ 8.61	3.55%	12
13	Between 1201 and 1300 kWh	14	1.1%	95.8%	\$ 273.24	\$ 282.96	\$ 9.72	3.56%	13
14	Between 1301 and 1400 kWh	21	1.7%	97.5%	\$ 298.28	\$ 308.73	\$ 10.45	3.50%	14
15	Between 1401 and 1500 kWh	12	1.0%	98.5%	\$ 333.17	\$ 344.77	\$ 11.60	3.48%	15
16	Between 1501 and 2000 kWh	16	1.3%	99.8%	\$ 396.20	\$ 410.17	\$ 13.97	3.53%	16
17	Between 2001 and 2500 kWh	3	0.2%	100.0%	\$ 569.86	\$ 589.20	\$ 19.34	3.39%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>1,238</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 105.12</b>	<b>\$ 108.96</b>	<b>\$ 3.84</b>	<b>3.65%</b>	



REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	1.4%	1.4%	\$ 3.83	\$ 3.98	\$ 0.15	3.92%	1
2	Between 101 and 200 kWh	9	1.6%	3.1%	\$ 20.45	\$ 21.33	\$ 0.88	4.30%	2
3	Between 201 and 300 kWh	21	3.8%	6.9%	\$ 28.81	\$ 30.04	\$ 1.23	4.27%	3
4	Between 301 and 400 kWh	41	7.4%	14.3%	\$ 39.19	\$ 40.82	\$ 1.63	4.16%	4
5	Between 401 and 500 kWh	52	9.4%	23.7%	\$ 52.74	\$ 54.98	\$ 2.24	4.25%	5
6	Between 501 and 600 kWh	55	10.0%	33.7%	\$ 66.04	\$ 68.97	\$ 2.93	4.44%	6
7	Between 601 and 700 kWh	56	10.1%	43.8%	\$ 82.33	\$ 86.30	\$ 3.97	4.82%	7
8	Between 701 and 800 kWh	56	10.1%	54.0%	\$ 96.68	\$ 101.51	\$ 4.83	5.00%	8
9	Between 801 and 900 kWh	49	8.9%	62.9%	\$ 112.01	\$ 118.06	\$ 6.05	5.40%	9
10	Between 901 and 1000 kWh	43	7.8%	70.7%	\$ 134.75	\$ 141.91	\$ 7.16	5.31%	10
11	Between 1001 and 1100 kWh	32	5.8%	76.4%	\$ 153.75	\$ 162.31	\$ 8.56	5.57%	11
12	Between 1101 and 1200 kWh	36	6.5%	83.0%	\$ 177.09	\$ 187.37	\$ 10.28	5.80%	12
13	Between 1201 and 1300 kWh	28	5.1%	88.0%	\$ 201.35	\$ 212.70	\$ 11.35	5.64%	13
14	Between 1301 and 1400 kWh	17	3.1%	91.1%	\$ 228.44	\$ 241.22	\$ 12.78	5.59%	14
15	Between 1401 and 1500 kWh	16	2.9%	94.0%	\$ 256.78	\$ 270.79	\$ 14.01	5.46%	15
16	Between 1501 and 2000 kWh	24	4.3%	98.4%	\$ 305.67	\$ 321.98	\$ 16.31	5.34%	16
17	Between 2001 and 2500 kWh	6	1.1%	99.5%	\$ 434.79	\$ 456.06	\$ 21.27	4.89%	17
18	Between 2501 and 3000 kWh	3	0.5%	100.0%	\$ 555.31	\$ 581.29	\$ 25.98	4.68%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	552	100.0%	100.0%	\$ 120.73	\$ 127.03	\$ 6.30	5.22%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	9	1.6%	1.6%	\$ 4.39	\$ 4.55	\$ 0.16	3.64%	1
2	Between 101 and 200 kWh	7	1.3%	2.9%	\$ 16.84	\$ 17.62	\$ 0.78	4.63%	2
3	Between 201 and 300 kWh	30	5.4%	8.3%	\$ 27.50	\$ 28.74	\$ 1.24	4.51%	3
4	Between 301 and 400 kWh	33	6.0%	14.3%	\$ 37.20	\$ 38.84	\$ 1.64	4.41%	4
5	Between 401 and 500 kWh	42	7.6%	21.9%	\$ 49.29	\$ 51.46	\$ 2.17	4.40%	5
6	Between 501 and 600 kWh	58	10.5%	32.4%	\$ 60.65	\$ 63.34	\$ 2.69	4.44%	6
7	Between 601 and 700 kWh	41	7.4%	39.9%	\$ 70.94	\$ 74.13	\$ 3.19	4.50%	7
8	Between 701 and 800 kWh	49	8.9%	48.7%	\$ 83.74	\$ 87.71	\$ 3.97	4.74%	8
9	Between 801 and 900 kWh	50	9.1%	57.8%	\$ 98.52	\$ 103.91	\$ 5.39	5.47%	9
10	Between 901 and 1000 kWh	51	9.2%	67.0%	\$ 114.26	\$ 120.91	\$ 6.65	5.82%	10
11	Between 1001 and 1100 kWh	30	5.4%	72.5%	\$ 130.01	\$ 138.35	\$ 8.34	6.41%	11
12	Between 1101 and 1200 kWh	37	6.7%	79.2%	\$ 145.94	\$ 155.78	\$ 9.84	6.74%	12
13	Between 1201 and 1300 kWh	32	5.8%	85.0%	\$ 169.02	\$ 180.59	\$ 11.57	6.85%	13
14	Between 1301 and 1400 kWh	26	4.7%	89.7%	\$ 189.71	\$ 202.88	\$ 13.17	6.94%	14
15	Between 1401 and 1500 kWh	12	2.2%	91.8%	\$ 216.27	\$ 230.51	\$ 14.24	6.58%	15
16	Between 1501 and 2000 kWh	30	5.4%	97.3%	\$ 271.37	\$ 288.81	\$ 17.44	6.43%	16
17	Between 2001 and 2500 kWh	11	2.0%	99.3%	\$ 401.93	\$ 424.70	\$ 22.77	5.67%	17
18	Between 2501 and 3000 kWh	2	0.4%	99.6%	\$ 526.97	\$ 554.71	\$ 27.74	5.26%	18
19	> 3000 kWh	2	0.4%	100.0%	\$ 665.59	\$ 698.87	\$ 33.28	5.00%	19
	Total	552	100.0%	100.0%	\$ 113.67	\$ 120.32	\$ 6.65	5.85%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	14	2.5%	2.5%	\$ 6.13	\$ 6.37	\$ 0.24	3.92%	1
2	Between 101 and 200 kWh	10	1.8%	4.3%	\$ 18.85	\$ 19.60	\$ 0.75	3.98%	2
3	Between 201 and 300 kWh	37	6.7%	11.1%	\$ 31.72	\$ 32.97	\$ 1.25	3.94%	3
4	Between 301 and 400 kWh	61	11.1%	22.1%	\$ 44.96	\$ 46.69	\$ 1.73	3.85%	4
5	Between 401 and 500 kWh	57	10.3%	32.4%	\$ 56.73	\$ 58.87	\$ 2.14	3.77%	5
6	Between 501 and 600 kWh	47	8.5%	40.9%	\$ 73.50	\$ 76.50	\$ 3.00	4.08%	6
7	Between 601 and 700 kWh	60	10.9%	51.8%	\$ 88.83	\$ 93.04	\$ 4.21	4.74%	7
8	Between 701 and 800 kWh	49	8.9%	60.7%	\$ 112.95	\$ 118.86	\$ 5.91	5.23%	8
9	Between 801 and 900 kWh	45	8.2%	68.8%	\$ 142.67	\$ 149.71	\$ 7.04	4.93%	9
10	Between 901 and 1000 kWh	33	6.0%	74.8%	\$ 167.96	\$ 176.13	\$ 8.17	4.86%	10
11	Between 1001 and 1100 kWh	31	5.6%	80.4%	\$ 197.68	\$ 206.91	\$ 9.23	4.67%	11
12	Between 1101 and 1200 kWh	30	5.4%	85.9%	\$ 225.08	\$ 235.20	\$ 10.12	4.50%	12
13	Between 1201 and 1300 kWh	23	4.2%	90.0%	\$ 253.94	\$ 265.04	\$ 11.10	4.37%	13
14	Between 1301 and 1400 kWh	12	2.2%	92.2%	\$ 279.45	\$ 291.44	\$ 11.99	4.29%	14
15	Between 1401 and 1500 kWh	13	2.4%	94.6%	\$ 311.14	\$ 324.19	\$ 13.05	4.19%	15
16	Between 1501 and 2000 kWh	24	4.3%	98.9%	\$ 378.03	\$ 393.33	\$ 15.30	4.05%	16
17	Between 2001 and 2500 kWh	6	1.1%	100.0%	\$ 534.07	\$ 554.61	\$ 20.54	3.85%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	552	100.0%	100.0%	\$ 130.62	\$ 136.42	\$ 5.80	4.44%	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	12	4.6%	4.6%	\$ 7.07	\$ 7.40	\$ 0.33	4.67%	1
2	Between 101 and 200 kWh	16	6.2%	10.8%	\$ 15.77	\$ 16.46	\$ 0.69	4.38%	2
3	Between 201 and 300 kWh	24	9.2%	20.0%	\$ 31.76	\$ 33.06	\$ 1.30	4.09%	3
4	Between 301 and 400 kWh	30	11.5%	31.5%	\$ 45.04	\$ 46.84	\$ 1.80	4.00%	4
5	Between 401 and 500 kWh	32	12.3%	43.8%	\$ 62.36	\$ 64.78	\$ 2.42	3.88%	5
6	Between 501 and 600 kWh	32	12.3%	56.2%	\$ 80.65	\$ 83.76	\$ 3.11	3.86%	6
7	Between 601 and 700 kWh	38	14.6%	70.8%	\$ 106.33	\$ 110.37	\$ 4.04	3.80%	7
8	Between 701 and 800 kWh	21	8.1%	78.8%	\$ 128.60	\$ 133.57	\$ 4.97	3.86%	8
9	Between 801 and 900 kWh	18	6.9%	85.8%	\$ 150.65	\$ 156.37	\$ 5.72	3.80%	9
10	Between 901 and 1000 kWh	13	5.0%	90.8%	\$ 174.75	\$ 181.79	\$ 7.04	4.03%	10
11	Between 1001 and 1100 kWh	12	4.6%	95.4%	\$ 198.60	\$ 206.71	\$ 8.11	4.08%	11
12	Between 1101 and 1200 kWh	6	2.3%	97.7%	\$ 233.66	\$ 242.32	\$ 8.66	3.71%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.5%	\$ 246.51	\$ 255.86	\$ 9.35	3.79%	13
14	Between 1301 and 1400 kWh	1	0.4%	98.8%	\$ 247.78	\$ 261.53	\$ 13.75	5.55%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.8%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	3	1.2%	100.0%	\$ 363.66	\$ 377.01	\$ 13.35	3.67%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 93.72</b>	<b>\$ 97.38</b>	<b>\$ 3.66</b>	<b>3.91%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	20	7.7%	7.7%	\$ 7.92	\$ 8.28	\$ 0.36	4.55%	1
2	Between 101 and 200 kWh	23	8.8%	16.5%	\$ 16.90	\$ 17.69	\$ 0.79	4.67%	2
3	Between 201 and 300 kWh	45	17.3%	33.8%	\$ 27.15	\$ 28.38	\$ 1.23	4.53%	3
4	Between 301 and 400 kWh	46	17.7%	51.5%	\$ 38.49	\$ 40.18	\$ 1.69	4.39%	4
5	Between 401 and 500 kWh	38	14.6%	66.2%	\$ 55.61	\$ 58.02	\$ 2.41	4.33%	5
6	Between 501 and 600 kWh	28	10.8%	76.9%	\$ 75.88	\$ 79.10	\$ 3.22	4.24%	6
7	Between 601 and 700 kWh	18	6.9%	83.8%	\$ 96.10	\$ 100.12	\$ 4.02	4.18%	7
8	Between 701 and 800 kWh	11	4.2%	88.1%	\$ 118.52	\$ 123.52	\$ 5.00	4.22%	8
9	Between 801 and 900 kWh	11	4.2%	92.3%	\$ 148.12	\$ 154.43	\$ 6.31	4.26%	9
10	Between 901 and 1000 kWh	6	2.3%	94.6%	\$ 147.01	\$ 154.87	\$ 7.86	5.35%	10
11	Between 1001 and 1100 kWh	5	1.9%	96.5%	\$ 181.11	\$ 189.59	\$ 8.48	4.68%	11
12	Between 1101 and 1200 kWh	4	1.5%	98.1%	\$ 205.85	\$ 215.48	\$ 9.63	4.68%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.8%	\$ 239.17	\$ 248.91	\$ 9.74	4.07%	13
14	Between 1301 and 1400 kWh	1	0.4%	99.2%	\$ 213.90	\$ 228.00	\$ 14.10	6.59%	14
15	Between 1401 and 1500 kWh	1	0.4%	99.6%	\$ 286.80	\$ 298.43	\$ 11.63	4.06%	15
16	Between 1501 and 2000 kWh	1	0.4%	100.0%	\$ 350.17	\$ 364.33	\$ 14.16	4.04%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 63.00</b>	<b>\$ 65.79</b>	<b>\$ 2.79</b>	<b>4.43%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	16	6.2%	6.2%	\$ 5.70	\$ 5.94	\$ 0.24	4.21%	1
2	Between 101 and 200 kWh	19	7.3%	13.5%	\$ 16.70	\$ 17.39	\$ 0.69	4.13%	2
3	Between 201 and 300 kWh	15	5.8%	19.2%	\$ 30.77	\$ 31.94	\$ 1.17	3.80%	3
4	Between 301 and 400 kWh	17	6.5%	25.8%	\$ 43.64	\$ 45.28	\$ 1.64	3.76%	4
5	Between 401 and 500 kWh	20	7.7%	33.5%	\$ 58.95	\$ 61.11	\$ 2.16	3.66%	5
6	Between 501 and 600 kWh	25	9.6%	43.1%	\$ 74.09	\$ 76.78	\$ 2.69	3.63%	6
7	Between 601 and 700 kWh	19	7.3%	50.4%	\$ 94.72	\$ 98.20	\$ 3.48	3.67%	7
8	Between 701 and 800 kWh	16	6.2%	56.5%	\$ 124.51	\$ 129.06	\$ 4.55	3.65%	8
9	Between 801 and 900 kWh	22	8.5%	65.0%	\$ 150.28	\$ 155.77	\$ 5.49	3.65%	9
10	Between 901 and 1000 kWh	14	5.4%	70.4%	\$ 176.49	\$ 183.01	\$ 6.52	3.69%	10
11	Between 1001 and 1100 kWh	18	6.9%	77.3%	\$ 204.32	\$ 211.53	\$ 7.21	3.53%	11
12	Between 1101 and 1200 kWh	12	4.6%	81.9%	\$ 240.29	\$ 248.57	\$ 8.28	3.45%	12
13	Between 1201 and 1300 kWh	15	5.8%	87.7%	\$ 257.62	\$ 266.70	\$ 9.08	3.52%	13
14	Between 1301 and 1400 kWh	12	4.6%	92.3%	\$ 292.00	\$ 302.03	\$ 10.03	3.43%	14
15	Between 1401 and 1500 kWh	10	3.8%	96.2%	\$ 312.84	\$ 324.19	\$ 11.35	3.63%	15
16	Between 1501 and 2000 kWh	9	3.5%	99.6%	\$ 401.34	\$ 415.04	\$ 13.70	3.41%	16
17	Between 2001 and 2500 kWh	0	0.0%	99.6%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	1	0.4%	100.0%	\$ 669.72	\$ 692.43	\$ 22.71	3.39%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 136.74</b>	<b>\$ 141.62</b>	<b>\$ 4.88</b>	<b>3.57%</b>	

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.72	\$ 4.87	\$ 0.15	3.18%	1
2	Between 101 and 200 kWh	6	2.9%	4.9%	\$ 15.06	\$ 15.74	\$ 0.68	4.52%	2
3	Between 201 and 300 kWh	12	5.9%	10.8%	\$ 28.29	\$ 29.47	\$ 1.18	4.17%	3
4	Between 301 and 400 kWh	20	9.8%	20.6%	\$ 41.35	\$ 43.19	\$ 1.84	4.45%	4
5	Between 401 and 500 kWh	20	9.8%	30.4%	\$ 52.36	\$ 54.62	\$ 2.26	4.32%	5
6	Between 501 and 600 kWh	17	8.3%	38.7%	\$ 72.33	\$ 75.68	\$ 3.35	4.63%	6
7	Between 601 and 700 kWh	25	12.3%	51.0%	\$ 91.54	\$ 96.16	\$ 4.62	5.05%	7
8	Between 701 and 800 kWh	19	9.3%	60.3%	\$ 103.73	\$ 109.12	\$ 5.39	5.20%	8
9	Between 801 and 900 kWh	25	12.3%	72.5%	\$ 132.83	\$ 139.49	\$ 6.66	5.01%	9
10	Between 901 and 1000 kWh	15	7.4%	79.9%	\$ 153.64	\$ 161.40	\$ 7.76	5.05%	10
11	Between 1001 and 1100 kWh	17	8.3%	88.2%	\$ 170.59	\$ 179.56	\$ 8.97	5.26%	11
12	Between 1101 and 1200 kWh	7	3.4%	91.7%	\$ 199.13	\$ 209.75	\$ 10.62	5.33%	12
13	Between 1201 and 1300 kWh	10	4.9%	96.6%	\$ 222.44	\$ 234.45	\$ 12.01	5.40%	13
14	Between 1301 and 1400 kWh	0	0.0%	96.6%	\$ -	\$ -	\$ -	-	14
15	Between 1401 and 1500 kWh	3	1.5%	98.0%	\$ 271.12	\$ 285.48	\$ 14.36	5.30%	15
16	Between 1501 and 2000 kWh	4	2.0%	100.0%	\$ 342.42	\$ 358.82	\$ 16.40	4.79%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 108.52</b>	<b>\$ 113.98</b>	<b>\$ 5.46</b>	<b>5.03%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	5	2.5%	2.5%	\$ 6.42	\$ 6.68	\$ 0.26	4.05%	1
2	Between 101 and 200 kWh	10	4.9%	7.4%	\$ 16.32	\$ 17.10	\$ 0.78	4.78%	2
3	Between 201 and 300 kWh	14	6.9%	14.2%	\$ 26.06	\$ 27.24	\$ 1.18	4.53%	3
4	Between 301 and 400 kWh	32	15.7%	29.9%	\$ 36.74	\$ 38.39	\$ 1.65	4.49%	4
5	Between 401 and 500 kWh	27	13.2%	43.1%	\$ 49.06	\$ 51.26	\$ 2.20	4.48%	5
6	Between 501 and 600 kWh	25	12.3%	55.4%	\$ 60.21	\$ 63.20	\$ 2.99	4.97%	6
7	Between 601 and 700 kWh	27	13.2%	68.6%	\$ 74.00	\$ 77.96	\$ 3.96	5.35%	7
8	Between 701 and 800 kWh	20	9.8%	78.4%	\$ 87.92	\$ 93.26	\$ 5.34	6.07%	8
9	Between 801 and 900 kWh	17	8.3%	86.8%	\$ 102.07	\$ 108.72	\$ 6.65	6.52%	9
10	Between 901 and 1000 kWh	10	4.9%	91.7%	\$ 129.75	\$ 139.13	\$ 9.38	7.23%	10
11	Between 1001 and 1100 kWh	2	1.0%	92.6%	\$ 146.32	\$ 157.40	\$ 11.08	7.57%	11
12	Between 1101 and 1200 kWh	9	4.4%	97.1%	\$ 167.81	\$ 179.77	\$ 11.96	7.13%	12
13	Between 1201 and 1300 kWh	1	0.5%	97.5%	\$ 203.82	\$ 217.55	\$ 13.73	6.74%	13
14	Between 1301 and 1400 kWh	3	1.5%	99.0%	\$ 225.88	\$ 239.81	\$ 13.93	6.17%	14
15	Between 1401 and 1500 kWh	0	0.0%	99.0%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	2	1.0%	100.0%	\$ 301.97	\$ 319.25	\$ 17.28	5.72%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 71.78</b>	<b>\$ 75.96</b>	<b>\$ 4.18</b>	<b>5.82%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	3.9%	3.9%	\$ 4.71	\$ 4.85	\$ 0.14	2.97%	1
2	Between 101 and 200 kWh	8	3.9%	7.8%	\$ 19.35	\$ 20.12	\$ 0.77	3.98%	2
3	Between 201 and 300 kWh	8	3.9%	11.8%	\$ 30.86	\$ 32.05	\$ 1.19	3.86%	3
4	Between 301 and 400 kWh	16	7.8%	19.6%	\$ 43.04	\$ 44.66	\$ 1.62	3.76%	4
5	Between 401 and 500 kWh	13	6.4%	26.0%	\$ 58.84	\$ 61.10	\$ 2.26	3.84%	5
6	Between 501 and 600 kWh	20	9.8%	35.8%	\$ 72.16	\$ 75.02	\$ 2.86	3.96%	6
7	Between 601 and 700 kWh	11	5.4%	41.2%	\$ 90.67	\$ 95.04	\$ 4.37	4.82%	7
8	Between 701 and 800 kWh	6	2.9%	44.1%	\$ 107.51	\$ 113.40	\$ 5.89	5.48%	8
9	Between 801 and 900 kWh	16	7.8%	52.0%	\$ 135.53	\$ 142.52	\$ 6.99	5.16%	9
10	Between 901 and 1000 kWh	19	9.3%	61.3%	\$ 161.40	\$ 169.49	\$ 8.09	5.01%	10
11	Between 1001 and 1100 kWh	9	4.4%	65.7%	\$ 190.32	\$ 199.59	\$ 9.27	4.87%	11
12	Between 1101 and 1200 kWh	11	5.4%	71.1%	\$ 217.60	\$ 227.79	\$ 10.19	4.68%	12
13	Between 1201 and 1300 kWh	16	7.8%	78.9%	\$ 244.30	\$ 255.69	\$ 11.39	4.66%	13
14	Between 1301 and 1400 kWh	14	6.9%	85.8%	\$ 271.33	\$ 283.61	\$ 12.28	4.53%	14
15	Between 1401 and 1500 kWh	11	5.4%	91.2%	\$ 301.95	\$ 315.38	\$ 13.43	4.45%	15
16	Between 1501 and 2000 kWh	16	7.8%	99.0%	\$ 363.73	\$ 379.22	\$ 15.49	4.26%	16
17	Between 2001 and 2500 kWh	0	0.0%	99.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	1	0.5%	99.5%	\$ 685.88	\$ 712.27	\$ 26.39	3.85%	18
19	> 3000 kWh	1	0.5%	100.0%	\$ 778.32	\$ 807.81	\$ 29.49	3.79%	19
	<b>Total</b>	<b>204</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 159.96</b>	<b>\$ 167.22</b>	<b>\$ 7.26</b>	<b>4.54%</b>	

REBUTTAL ATTACHMENT E  
 ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
 Schedule LS1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1784	6.3%	\$13.00	\$13.23	\$0.23	1.8%	1
2	LS1	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	4913	17.2%	\$13.14	\$13.37	\$0.23	1.7%	2
3	LS1	5800 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	17	0.1%	\$11.99	\$12.21	\$0.22	1.8%	3
4	LS1	5800 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	1383	4.9%	\$17.83	\$18.05	\$0.22	1.2%	4
5	LS1	5800 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	33	0.1%	\$12.86	\$13.08	\$0.22	1.7%	5
6	LS1	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	9958	34.9%	\$14.74	\$15.03	\$0.29	2.0%	6
7	LS1	9500 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	1298	4.6%	\$14.94	\$15.23	\$0.29	1.9%	7
8	LS1	9500 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	219	0.8%	\$13.76	\$14.05	\$0.29	2.1%	8
9	LS1	9500 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	3195	11.2%	\$19.46	\$19.75	\$0.29	1.5%	9
10	LS1	9500 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	58	0.2%	\$14.43	\$14.72	\$0.29	2.0%	10
11	LS1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	890	3.1%	\$17.11	\$17.51	\$0.39	2.3%	11
12	LS1	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	586	2.1%	\$17.18	\$17.57	\$0.38	2.2%	12
13	LS1	16000 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	101	0.4%	\$16.10	\$16.50	\$0.39	2.4%	13
14	LS1	16000 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	501	1.8%	\$21.71	\$22.10	\$0.38	1.8%	14
15	LS1	16000 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	22	0.1%	\$17.08	\$17.48	\$0.39	2.3%	15
16	LS1	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	163	0.6%	\$21.30	\$21.83	\$0.53	2.5%	16
17	LS1	22000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	381	1.3%	\$21.34	\$21.87	\$0.53	2.5%	17
18	LS1	22000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	45	0.2%	\$26.88	\$27.42	\$0.54	2.0%	18
19	LS1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1125	3.9%	\$25.03	\$25.69	\$0.66	2.6%	19
20	LS1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	266	0.9%	\$25.08	\$25.74	\$0.66	2.6%	20
21	LS1	30000 Lumen High Pressure Sodium Vapor Class B2 Regulator Ballast	2	0.0%	\$24.11	\$24.77	\$0.66	2.7%	21
22	LS1	30000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	300	1.1%	\$30.02	\$30.68	\$0.66	2.2%	22
23	LS1	30000 Lumen High Pressure Sodium Vapor Class C2 Regulator Ballast	62	0.2%	\$25.06	\$25.72	\$0.66	2.6%	23
24	LS1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	17	0.1%	\$32.07	\$33.02	\$0.95	3.0%	24
25	LS1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	5	0.0%	\$32.00	\$32.95	\$0.95	3.0%	25
26	LS1	50000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	60	0.2%	\$39.05	\$40.00	\$0.95	2.4%	26
27	LS1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	38	0.1%	\$17.25	\$17.49	\$0.24	1.4%	27
28	LS1	8000 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$17.42	\$17.66	\$0.24	1.4%	28
29	LS1	8000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	101	0.4%	\$20.50	\$20.74	\$0.24	1.2%	29
30	LS1	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	141	0.5%	\$20.76	\$21.10	\$0.35	1.7%	30
31	LS1	13500 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	17	0.1%	\$20.93	\$21.27	\$0.34	1.6%	31
32	LS1	13500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	181	0.6%	\$23.35	\$23.68	\$0.34	1.4%	32
33	LS1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	252	0.9%	\$23.97	\$24.43	\$0.45	1.9%	33
34	LS1	22500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	2	0.0%	\$27.80	\$28.26	\$0.45	1.6%	34
35	LS1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	162	0.6%	\$27.31	\$27.83	\$0.52	1.9%	35
36	LS1	33000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	112	0.4%	\$29.71	\$30.23	\$0.52	1.7%	36
37	LS1	7000 Lumen Mercury Vapor Class A Reactor Ballast	68	0.2%	\$18.01	\$18.44	\$0.42	2.4%	37
38	LS1	7000 Lumen Mercury Vapor Class A Regulator Ballast	2	0.0%	\$18.78	\$19.25	\$0.47	2.5%	38
39	LS1	20000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$33.26	\$34.19	\$0.93	2.8%	39
40	LS1	32000 Lumen Metal Halide Class C Reactor Ballast	37	0.1%	\$40.24	\$41.13	\$0.89	2.2%	40
41	Grand Total		28499	100.0%	\$16.55	\$16.87	\$0.31	1.9%	41

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule LS2 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS2	4000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1070	0.9%	\$3.58	\$3.75	\$0.17	4.7%	1
2	LS2	4000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	577	0.5%	\$3.97	\$4.15	\$0.18	4.6%	2
3	LS2	4000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$5.07	\$5.23	\$0.16	3.1%	3
4	LS2	5800 Lumen High Pressure Sodium Vapor Class A	70	0.1%	\$6.97	\$7.30	\$0.32	4.6%	4
5	LS2	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	3300	2.7%	\$5.13	\$5.36	\$0.23	4.5%	5
6	LS2	5800 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1455	1.2%	\$5.92	\$6.18	\$0.25	4.3%	6
7	LS2	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	38	0.0%	\$6.62	\$6.85	\$0.23	3.5%	7
8	LS2	5800 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	67	0.1%	\$7.41	\$7.67	\$0.25	3.4%	8
9	LS2	9500 Lumen High Pressure Sodium Vapor Class A	138	0.1%	\$7.63	\$7.96	\$0.33	4.4%	9
10	LS2	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	7776	6.3%	\$6.69	\$6.98	\$0.29	4.3%	10
11	LS2	9500 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	7591	6.1%	\$7.74	\$8.09	\$0.34	4.4%	11
12	LS2	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	129	0.1%	\$8.17	\$8.46	\$0.29	3.5%	12
13	LS2	9500 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	93	0.1%	\$9.23	\$9.58	\$0.34	3.7%	13
14	LS2	16000 Lumen High Pressure Sodium Vapor Class A	169	0.1%	\$10.00	\$10.44	\$0.44	4.4%	14
15	LS2	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2640	2.1%	\$9.07	\$9.47	\$0.39	4.3%	15
16	LS2	16000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	3918	3.2%	\$10.11	\$10.54	\$0.42	4.2%	16
17	LS2	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	15	0.0%	\$10.56	\$10.96	\$0.39	3.7%	17
18	LS2	16000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	20	0.0%	\$11.60	\$12.03	\$0.42	3.7%	18
19	LS2	22000 Lumen High Pressure Sodium Vapor Class A	98	0.1%	\$12.72	\$13.27	\$0.54	4.3%	19
20	LS2	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1888	1.5%	\$12.46	\$12.99	\$0.53	4.2%	20
21	LS2	30000 Lumen High Pressure Sodium Vapor Class A	176	0.1%	\$16.36	\$17.06	\$0.70	4.3%	21
22	LS2	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	6234	5.0%	\$15.56	\$16.22	\$0.66	4.2%	22
23	LS2	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	242	0.2%	\$17.05	\$17.71	\$0.66	3.9%	23
24	LS2	37000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	251	0.2%	\$18.69	\$19.48	\$0.79	4.2%	24
25	LS2	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	120	0.1%	\$22.89	\$23.83	\$0.94	4.1%	25
26	LS2	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	4	0.0%	\$51.18	\$53.30	\$2.12	4.1%	26
27	LS2	1000 Lumen Incandescent Class A	5	0.0%	\$4.62	\$4.84	\$0.21	4.6%	27
28	LS2	2500 Lumen Incandescent Class A	3	0.0%	\$8.68	\$9.06	\$0.38	4.4%	28
29	LS2	4000 Lumen Incandescent Class A	12	0.0%	\$14.68	\$15.29	\$0.61	4.1%	29
30	LS2	3440 Lumen Induction Class A	5086	4.1%	\$3.18	\$3.33	\$0.15	4.6%	30
31	LS2	3495 Lumen Induction Class A	235	0.2%	\$3.58	\$3.75	\$0.17	4.7%	31
32	LS2	3500 Lumen Induction Class A	2053	1.7%	\$3.84	\$4.01	\$0.17	4.4%	32
33	LS2	6000 Lumen Induction Class A	23886	19.3%	\$5.27	\$5.50	\$0.23	4.4%	33
34	LS2	6528 Lumen Induction Class A	1141	0.9%	\$5.01	\$5.23	\$0.22	4.5%	34
35	LS2	8800 Lumen Induction Class A	1497	1.2%	\$5.91	\$6.17	\$0.25	4.3%	35
36	LS2	12000 Lumen Induction Class A	7068	5.7%	\$8.81	\$9.19	\$0.37	4.2%	36
37	LS2	12800 Lumen Induction Class A	2617	2.1%	\$8.16	\$8.50	\$0.34	4.2%	37
38	LS2	16800 Lumen Induction Class A	193	0.2%	\$10.38	\$10.82	\$0.43	4.2%	38
39	LS2	21040 Lumen Induction Class A	1	0.0%	\$12.71	\$13.25	\$0.54	4.2%	39
40	LS2	32640 Lumen Induction Class A	4	0.0%	\$19.48	\$20.29	\$0.81	4.2%	40
41	LS2	37.5 Lumen LED Class A	21	0.0%	\$3.04	\$3.19	\$0.14	4.7%	41
42	LS2	42.5 Lumen LED Class A	102	0.1%	\$3.30	\$3.46	\$0.15	4.6%	42
43	LS2	47.5 Lumen LED Class A	2	0.0%	\$3.45	\$3.62	\$0.17	4.8%	43
44	LS2	52.5 Lumen LED Class A	5035	4.1%	\$3.72	\$3.88	\$0.16	4.4%	44
45	LS2	57.5 Lumen LED Class A	1364	1.1%	\$3.97	\$4.14	\$0.17	4.3%	45
46	LS2	62.5 Lumen LED Class A	2	0.0%	\$4.22	\$4.41	\$0.19	4.5%	46
47	LS2	67.5 Lumen LED Class A	205	0.2%	\$4.37	\$4.57	\$0.19	4.4%	47
48	LS2	72.5 Lumen LED Class A	344	0.3%	\$4.62	\$4.84	\$0.21	4.6%	48
49	LS2	77.5 Lumen LED Class A	83	0.1%	\$4.87	\$5.10	\$0.22	4.5%	49
50	LS2	82.5 Lumen LED Class A	2115	1.7%	\$5.13	\$5.36	\$0.23	4.5%	50
51	LS2	87.5 Lumen LED Class A	265	0.2%	\$5.29	\$5.52	\$0.23	4.4%	51
52	LS2	92.5 Lumen LED Class A	1339	1.1%	\$5.52	\$5.77	\$0.25	4.6%	52
53	LS2	97.5 Lumen LED Class A	216	0.2%	\$5.78	\$6.04	\$0.26	4.5%	53
54	LS2	102.5 Lumen LED Class A	361	0.3%	\$6.04	\$6.30	\$0.26	4.3%	54
55	LS2	107.5 Lumen LED Class A	543	0.4%	\$6.18	\$6.46	\$0.27	4.4%	55
56	LS2	112.5 Lumen LED Class A	1731	1.4%	\$6.43	\$6.71	\$0.28	4.3%	56
57	LS2	117.5 Lumen LED Class A	73	0.1%	\$6.69	\$6.98	\$0.29	4.3%	57
58	LS2	127.5 Lumen LED Class A	1027	0.8%	\$7.10	\$7.42	\$0.32	4.5%	58
59	LS2	132.5 Lumen LED Class A	81	0.1%	\$7.36	\$7.68	\$0.32	4.3%	59
60	LS2	137.5 Lumen LED Class A	3803	3.1%	\$7.62	\$7.95	\$0.33	4.3%	60
61	LS2	142.5 Lumen LED Class A	30	0.0%	\$7.75	\$8.11	\$0.35	4.5%	61
62	LS2	147.5 Lumen LED Class A	21	0.0%	\$8.03	\$8.37	\$0.34	4.2%	62
63	LS2	157.5 Lumen LED Class A	4	0.0%	\$8.54	\$8.90	\$0.36	4.2%	63
64	LS2	177.5 Lumen LED Class A	25	0.0%	\$9.45	\$9.85	\$0.40	4.3%	64
65	LS2	182.5 Lumen LED Class A	6	0.0%	\$9.59	\$10.01	\$0.42	4.4%	65
66	LS2	187.5 Lumen LED Class A	8	0.0%	\$9.85	\$10.27	\$0.42	4.2%	66
67	LS2	4800 Lumen Low Pressure Sodium Vapor Class A	687	0.6%	\$4.37	\$4.58	\$0.21	4.8%	67
68	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	525	0.4%	\$4.37	\$4.57	\$0.19	4.4%	68
69	LS2	8000 Lumen Low Pressure Sodium Vapor Class A	323	0.3%	\$5.41	\$5.67	\$0.25	4.7%	69
70	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	7392	6.0%	\$5.38	\$5.62	\$0.24	4.4%	70
71	LS2	13500 Lumen Low Pressure Sodium Vapor Class A	59	0.0%	\$8.03	\$8.39	\$0.35	4.4%	71
72	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	6157	5.0%	\$7.90	\$8.24	\$0.35	4.4%	72
73	LS2	22500 Lumen Low Pressure Sodium Vapor Class A	111	0.1%	\$10.52	\$10.97	\$0.45	4.3%	73
74	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	2721	2.2%	\$10.64	\$11.10	\$0.45	4.2%	74
75	LS2	33000 Lumen Low Pressure Sodium Vapor Class A	1	0.0%	\$12.07	\$12.59	\$0.52	4.3%	75
76	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	3855	3.1%	\$12.05	\$12.57	\$0.52	4.3%	76
77	LS2	7000 Lumen Mercury Vapor Class A	12	0.0%	\$10.70	\$12.04	\$1.34	12.5%	77
78	LS2	7000 Lumen Mercury Vapor Class A Reactor Ballast	8	0.0%	\$10.10	\$10.53	\$0.42	4.2%	78
79	LS2	7000 Lumen Mercury Vapor Class A Regulator Ballast	571	0.5%	\$10.87	\$11.34	\$0.47	4.3%	79
80	LS2	7000 Lumen Mercury Vapor Class B Regulator Ballast	50	0.0%	\$12.36	\$12.83	\$0.47	3.8%	80
81	LS2	10000 Lumen Mercury Vapor Class A Regulator Ballast	67	0.1%	\$14.54	\$15.16	\$0.61	4.2%	81
82	LS2	20000 Lumen Mercury Vapor Class A	4	0.0%	\$21.41	\$23.19	\$1.78	8.3%	82
83	LS2	20000 Lumen Mercury Vapor Class A Regulator Ballast	195	0.2%	\$22.23	\$23.15	\$0.92	4.1%	83
84	LS2	20000 Lumen Mercury Vapor Class B Regulator Ballast	7	0.0%	\$23.72	\$24.64	\$0.92	3.9%	84
85	LS2	35000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$36.70	\$38.22	\$1.51	4.1%	85
86	LS2	8500 Lumen Metal Halide Class A	253	0.2%	\$7.36	\$7.67	\$0.31	4.2%	86
87	LS2	12000 Lumen Metal Halide Class A Reactor Ballast	45	0.0%	\$10.75	\$11.21	\$0.46	4.2%	87
88	LS2	32000 Lumen Metal Halide Class A Reactor Ballast	12	0.0%	\$21.45	\$22.34	\$0.89	4.2%	88
89	Grand Total		123743	100.0%	\$7.20	\$7.51	\$0.31	4.3%	89

REBUTTAL ATTACHMENT E  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule OL1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	OL1	9500 Lumen High Pressure Sodium Vapor Class A	2	0.0%	\$16.73	\$17.03	\$0.30	1.8%	1
2	OL1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2940	45.7%	\$16.73	\$17.03	\$0.30	1.8%	2
3	OL1	16000 Lumen High Pressure Sodium Vapor Class A	3	0.0%	\$19.10	\$19.49	\$0.38	2.0%	3
4	OL1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	535	8.3%	\$19.10	\$19.49	\$0.38	2.0%	4
5	OL1	30000 Lumen High Pressure Sodium Vapor Class A	10	0.2%	\$27.45	\$28.11	\$0.66	2.4%	5
6	OL1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1379	21.5%	\$27.45	\$28.11	\$0.66	2.4%	6
7	OL1	30000 Lumen High Pressure Sodium Vapor Class B	3	0.0%	\$28.61	\$29.27	\$0.66	2.3%	7
8	OL1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	133	2.1%	\$28.61	\$29.27	\$0.66	2.3%	8
9	OL1	50000 Lumen High Pressure Sodium Vapor Class A	32	0.5%	\$34.41	\$35.35	\$0.94	2.7%	9
10	OL1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	235	3.7%	\$34.41	\$35.35	\$0.94	2.7%	10
11	OL1	50000 Lumen High Pressure Sodium Vapor Class B	8	0.1%	\$36.20	\$37.14	\$0.94	2.6%	11
12	OL1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	124	1.9%	\$36.20	\$37.14	\$0.94	2.6%	12
13	OL1	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	5	0.1%	\$63.03	\$65.15	\$2.12	3.4%	13
14	OL1	140000 Lumen High Pressure Sodium Vapor Class B	2	0.0%	\$67.32	\$69.44	\$2.12	3.1%	14
15	OL1	140000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	83	1.3%	\$67.32	\$69.44	\$2.12	3.1%	15
16	OL1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	118	1.8%	\$20.40	\$20.64	\$0.24	1.2%	16
17	OL1	13000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	303	4.7%	\$24.21	\$24.54	\$0.34	1.4%	17
18	OL1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	95	1.5%	\$27.56	\$28.02	\$0.45	1.6%	18
19	OL1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	417	6.5%	\$31.49	\$32.01	\$0.52	1.6%	19
20	Grand Total		6427	100.0%	\$22.88	\$23.35	\$0.47	2.1%	20

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule LS3 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Customers	% of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	1
2	-10.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	2
3	-8.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	3
4	-6.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	4
5	-4.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	5
6	-2.0% to 0.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	7
8	2.0% to 4.0%	Metered Usage	0	100.0%	\$0.00	\$0.00	\$0.00	0.0%	8
9	4.0% to 6.0%	Metered Usage	147	0.0%	\$13.73	\$14.29	\$0.56	4.1%	9
10	6.0% to 8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	10
11	8.0% to 10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	11
12	>10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	12
13	Grand Total		147	100.0%	\$13.73	\$14.29	\$0.56	4.1%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Schedule OL2 (Annual Billing Period)

LINE NO.	Range	Light Type	Number of Customers	% of Customers	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	1
2	-10.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	2
3	-8.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	3
4	-6.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	4
5	-4.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	5
6	-2.0% to 0.0%	Metered Usage	1	2.7%	\$1.15	\$1.15	\$0.00	0.0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	7
8	2.0% to 4.0%	Metered Usage	20	97.3%	\$12.25	\$12.72	\$0.47	3.8%	8
9	4.0% to 6.0%	Metered Usage	16	0.0%	\$53.14	\$55.34	\$2.20	4.1%	9
10	6.0% to 8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	10
11	8.0% to 10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	11
12	>10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0.0%	12
13	Grand Total		37	100.0%	\$29.63	\$30.84	\$1.21	4.1%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 1 AND REBUTTAL YEAR 2**  
Poles (Annual Billing Period)

LINE NO.	Rate	Pole Type	Number of Poles	% of Poles	Rebuttal Year 1 (\$)	Rebuttal Year 2 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	30-Foot Pole	73	24.1%	\$7,235.76	\$7,235.76	\$0.00	0.0%	1
2	LS1	35-Foot Pole	2	0.7%	\$207.12	\$207.12	\$0.00	0.0%	2
3	OL1	30-Foot Pole	83	27.4%	\$13,854.36	\$13,854.36	\$0.00	0.0%	3
4	OL1	35-Foot Pole	145	47.9%	\$25,299.60	\$25,299.60	\$0.00	0.0%	4
5	Grand Total		303	100.0%	\$12.82	\$12.82	\$0.00	0.0%	5

**ATTACHMENT F**

**PROPOSED RATES FOR YEAR 3**

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DR</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08439)	0.00000	0.06093	0.00539	0.17096	(0.00021)	0.23707
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08439)	0.00000	0.06093	0.00539	0.17096	(0.00021)	0.23707
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.17096	(0.00021)	0.48889
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.17096	(0.00021)	0.48889
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01819)	0.00000	0.12713	0.00539	0.07012	(0.00021)	0.20243
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01819)	0.00000	0.12713	0.00539	0.07012	(0.00021)	0.20243
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19685	0.00000	0.34217	0.00539	0.07012	(0.00021)	0.41747
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19685	0.00000	0.34217	0.00539	0.07012	(0.00021)	0.41747
18	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
19		Min Bill kWhr														
1	<b>SCHEDULE DR Medical Baseline</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11332)	0.00000	0.03200	0.00000	0.17096	(0.00021)	0.20275
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11332)	0.00000	0.03200	0.00000	0.17096	(0.00021)	0.20275
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.00763)	0.00000	0.13769	0.00000	0.17096	(0.00021)	0.30844
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.00763)	0.00000	0.13769	0.00000	0.17096	(0.00021)	0.30844
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04210)	0.00000	0.10322	0.00000	0.07012	(0.00021)	0.17313
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04210)	0.00000	0.10322	0.00000	0.07012	(0.00021)	0.17313
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04815	0.00000	0.19347	0.00000	0.07012	(0.00021)	0.26338
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04815	0.00000	0.19347	0.00000	0.07012	(0.00021)	0.26338
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00000	0.17096	(0.00021)	0.22920
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00000	0.17096	(0.00021)	0.22920
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.17096	(0.00021)	0.48102
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.17096	(0.00021)	0.48102
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00000	0.07012	(0.00021)	0.19456
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00000	0.07012	(0.00021)	0.19456
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00000	0.07012	(0.00021)	0.40960
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00000	0.07012	(0.00021)	0.40960
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
19		Min Bill kWhr														
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>															
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Summer Energy															
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596
13	Winter Energy															
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26090
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585												





REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DM CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00000	0.17096	(0.00021)	0.22920	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00000	0.17096	(0.00021)	0.22920	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.17096	(0.00021)	0.48102	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.17096	(0.00021)	0.48102	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00000	0.07012	(0.00021)	0.19456	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00000	0.07012	(0.00021)	0.19456	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00000	0.07012	(0.00021)	0.40960	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00000	0.07012	(0.00021)	0.40960	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															
1	<b>SCHEDULE DM CARE and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26090	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26090	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															



REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DS FERA</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00539	0.17096	(0.00021)	0.23459
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00539	0.17096	(0.00021)	0.23459
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00539	0.17096	(0.00021)	0.48641
10	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00539	0.17096	(0.00021)	0.48641
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00539	0.07012	(0.00021)	0.19995
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00539	0.07012	(0.00021)	0.19995
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00539	0.07012	(0.00021)	0.41499
15	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00539	0.07012	(0.00021)	0.41499
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DS FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596
10	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26090
15	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26090
16	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
17	Min Bill kWhr	Min Bill kWhr														
18	Unit Discount	\$/Day	0.000	(0.130)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(0.130)	0.000	0.000		(0.130)
<b>SCHEDULE DT (CLOSED)</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08439)	0.00000	0.06093	0.00539	0.17096	(0.00021)	0.23707
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08439)	0.00000	0.06093	0.00539	0.17096	(0.00021)	0.23707
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.17096	(0.00021)	0.48889
10	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.17096	(0.00021)	0.48889
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01819)	0.00000	0.12713	0.00539	0.07012	(0.00021)	0.20243
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01819)	0.00000	0.12713	0.00539	0.07012	(0.00021)	0.20243
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19685	0.00000	0.34217	0.00539	0.07012	(0.00021)	0.41747
15	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19685	0.00000	0.34217	0.00539	0.07012	(0.00021)	0.41747
16	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
17	Min Bill kWhr	Min Bill kWhr														
<b>SCHEDULE DT Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11332)	0.00000	0.03200	0.00000	0.17096	(0.00021)	0.20275
8	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11332)	0.00000	0.03200	0.00000	0.17096	(0.00021)	0.20275
9	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.00763)	0.00000	0.13769	0.00000	0.17096	(0.00021)	0.30844
10	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.00763)	0.00000	0.13769	0.00000	0.17096	(0.00021)	0.30844
11	Winter Energy															
12	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04210)	0.00000	0.10322	0.00000	0.07012	(0.00021)	0.17313
13	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04210)	0.00000	0.10322	0.00000	0.07012	(0.00021)	0.17313
14	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04815	0.00000	0.19347	0.00000	0.07012	(0.00021)	0.26338
15	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04815	0.00000	0.19347	0.00000	0.07012		





REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DT-RV FERA</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00539	0.17096	(0.00021)	0.23459	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08687)	0.00000	0.05845	0.00539	0.17096	(0.00021)	0.23459	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00539	0.17096	(0.00021)	0.48641	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00539	0.17096	(0.00021)	0.48641	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00539	0.07012	(0.00021)	0.19995	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02067)	0.00000	0.12465	0.00539	0.07012	(0.00021)	0.19995	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00539	0.07012	(0.00021)	0.41499	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19437	0.00000	0.33969	0.00539	0.07012	(0.00021)	0.41499	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027	
10	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.11580)	0.00000	0.02952	0.00000	0.17096	(0.00021)	0.20027	
11	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596	
12	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.01011)	0.00000	0.13521	0.00000	0.17096	(0.00021)	0.30596	
13	Winter Energy																
14	Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065	
15	101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04458)	0.00000	0.10074	0.00000	0.07012	(0.00021)	0.17065	
16	131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26930	
17	Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.04567	0.00000	0.19099	0.00000	0.07012	(0.00021)	0.26930	
18	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
19		Min Bill kWhr															
1	<b>SCHEDULE DR-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.18533)	0.00000	(0.04001)	0.00539	0.36692	(0.00021)	0.33209	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.18533)	0.00000	(0.04001)	0.00539	0.36692	(0.00021)	0.33209	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.36692	(0.00021)	0.68485	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.36692	(0.00021)	0.68485	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05693)	0.00000	0.08839	0.00539	0.11764	(0.00021)	0.21121	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05693)	0.00000	0.08839	0.00539	0.11764	(0.00021)	0.21121	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.11764	(0.00021)	0.43557	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.11764	(0.00021)	0.43557	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02724)	0.00000	0.11808	0.00539	0.06000	(0.00021)	0.18326	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02724)	0.00000	0.11808	0.00539	0.06000	(0.00021)	0.18326	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.06000	(0.00021)	0.37793	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.06000	(0.00021)	0.37793	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03747)	0.00000	0.10785	0.00539	0.07987	(0.00021)	0.19290	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03747)	0.00000	0.10785	0.00539	0.07987	(0.00021)	0.19290	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.07987	(0.00021)	0.39780	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.07987	(0.00021)	0.39780	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03258)	0.00000	0.11274	0.00539	0.07036	(0.00021)	0.18828	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03258)	0.00000	0.11274	0.00539	0.07036	(0.00021)	0.18828	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.07036	(0.00021)	0.38829	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16743	0.00000	0.31275	0.00539	0.07036	(0.00021)	0.38829	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02751)	0.00000	0.11781	0.00539	0.06052	(0.00021)	0.18351	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.									

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.22801)	0.00000	(0.08269)	0.00000	0.36692	(0.00021)	0.28402	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.22801)	0.00000	(0.08269)	0.00000	0.36692	(0.00021)	0.28402	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.07996)	0.00000	0.06536	0.00000	0.36692	(0.00021)	0.43207	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.07996)	0.00000	0.06536	0.00000	0.36692	(0.00021)	0.43207	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08211)	0.00000	0.06321	0.00000	0.11764	(0.00021)	0.18064	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08211)	0.00000	0.06321	0.00000	0.11764	(0.00021)	0.18064	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.01205	0.00000	0.15737	0.00000	0.11764	(0.00021)	0.27480	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.01205	0.00000	0.15737	0.00000	0.11764	(0.00021)	0.27480	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04838)	0.00000	0.09694	0.00000	0.06000	(0.00021)	0.15673	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04838)	0.00000	0.09694	0.00000	0.06000	(0.00021)	0.15673	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03333	0.00000	0.17865	0.00000	0.06000	(0.00021)	0.23844	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03333	0.00000	0.17865	0.00000	0.06000	(0.00021)	0.23844	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06001)	0.00000	0.08531	0.00000	0.07987	(0.00021)	0.16497	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06001)	0.00000	0.08531	0.00000	0.07987	(0.00021)	0.16497	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02599	0.00000	0.17131	0.00000	0.07987	(0.00021)	0.25097	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02599	0.00000	0.17131	0.00000	0.07987	(0.00021)	0.25097	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05444)	0.00000	0.09088	0.00000	0.07036	(0.00021)	0.16103	
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05444)	0.00000	0.09088	0.00000	0.07036	(0.00021)	0.16103	
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.17482	0.00000	0.17482	0.00000	0.07036	(0.00021)	0.24487	
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02950	0.00000	0.17482	0.00000	0.07036	(0.00021)	0.24487	
30	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04868)	0.00000	0.09664	0.00000	0.06052	(0.00021)	0.15695	
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.04868)	0.00000	0.09664	0.00000	0.06052	(0.00021)	0.15695	
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03313	0.00000	0.17845	0.00000	0.06052	(0.00021)	0.23876	
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03313	0.00000	0.17845	0.00000	0.06052	(0.00021)	0.23876	
34	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
35	Baseline Adjustment-Summer	\$/kWh															
36	101% to 130% of BL - Summer	\$/kWh															
37	Baseline Adjustment-Winter	\$/kWh															
38	101% to 130% of BL - Winter	\$/kWh															
39																	
1	<b>SCHEDULE DR-TOU CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Summer Energy																
9	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.18781)	0.00000	(0.04249)	0.00000	0.36692	(0.00021)	0.32422	
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.18781)	0.00000	(0.04249)	0.00000	0.36692	(0.00021)	0.32422	
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.36692	(0.00021)	0.67698	
12	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.36692	(0.00021)	0.67698	
13	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05941)	0.00000	0.08591	0.00000	0.11764	(0.00021)	0.20334	
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05941)	0.00000	0.08591	0.00000	0.11764	(0.00021)	0.20334	
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.11764	(0.00021)	0.42770	
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.11764	(0.00021)	0.42770	
17	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02972)	0.00000	0.11560	0.00000	0.06000	(0.00021)	0.17539	
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.02972)	0.00000	0.11560	0.00000	0.06000	(0.00021)	0.17539	
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.06000	(0.00021)	0.37006	
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.06000	(0.00021)	0.37006	
21	Winter Energy																
22	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03995)	0.00000	0.10537	0.00000	0.07987	(0.00021)	0.18503	
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03995)	0.00000	0.10537	0.00000	0.07987	(0.00021)	0.18503	
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.07987	(0.00021)	0.38993	
25	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16495	0.00000	0.31027	0.00000	0.07987	(0.00021)	0.38993	
26	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.03506)	0.00000	0.11026	0.00000	0.07036	(0.00021)	0.18041	
27	S																





## REBUTTAL ATTACHMENT F

### ILLUSTRATIVE PROPOSED RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Summer Energy															
7	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.23049)	0.00000	(0.08517)	0.00000	0.36692	(0.00021)	0.28154
8	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.23049)	0.00000	(0.08517)	0.00000	0.36692	(0.00021)	0.28154
9	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08244)	0.00000	0.06288	0.00000	0.36692	(0.00021)	0.42959
10	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.08244)	0.00000	0.06288	0.00000	0.36692	(0.00021)	0.42959
11	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06459)	0.00000	0.06073	0.00000	0.11764	(0.00021)	0.17816
12	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06459)	0.00000	0.06073	0.00000	0.11764	(0.00021)	0.17816
13	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00957	0.00000	0.15489	0.00000	0.11764	(0.00021)	0.27232
14	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00957	0.00000	0.15489	0.00000	0.11764	(0.00021)	0.27232
15	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05086)	0.00000	0.09446	0.00000	0.06000	(0.00021)	0.15425
16	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05086)	0.00000	0.09446	0.00000	0.06000	(0.00021)	0.15425
17	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03085	0.00000	0.17617	0.00000	0.06000	(0.00021)	0.23596
18	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03085	0.00000	0.17617	0.00000	0.06000	(0.00021)	0.23596
19	Winter Energy															
20	On-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06249)	0.00000	0.08283	0.00000	0.07987	(0.00021)	0.16249
21	On-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.06249)	0.00000	0.08283	0.00000	0.07987	(0.00021)	0.16249
22	On-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02351	0.00000	0.16883	0.00000	0.07987	(0.00021)	0.24849
23	On-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02351	0.00000	0.16883	0.00000	0.07987	(0.00021)	0.24849
24	Semi-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05692)	0.00000	0.08840	0.00000	0.07036	(0.00021)	0.15855
25	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05692)	0.00000	0.08840	0.00000	0.07036	(0.00021)	0.15855
26	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02702	0.00000	0.17234	0.00000	0.07036	(0.00021)	0.24249
27	Semi-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.02702	0.00000	0.17234	0.00000	0.07036	(0.00021)	0.24249
28	Off-Peak: Baseline Energy	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05116)	0.00000	0.09416	0.00000	0.06052	(0.00021)	0.15447
29	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	(0.05116)	0.00000	0.09416	0.00000	0.06052	(0.00021)	0.15447
30	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03065	0.00000	0.17597	0.00000	0.06052	(0.00021)	0.23628
31	Off-Peak: Above 400% of Baseline	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.03065	0.00000	0.17597	0.00000	0.06052	(0.00021)	0.23628
32	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164
<b>SCHEDULE DR-SES</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Energy Charge															
7	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.36692	(0.00021)	0.51742
8	Semi-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.11768	(0.00021)	0.26818
9	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.06000	(0.00021)	0.21050
10	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07983	(0.00021)	0.23033
11	Semi-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07040	(0.00021)	0.22090
12	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.06052	(0.00021)	0.21102
13	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329
<b>SCHEDULE DR-SES Medical Baseline</b>																
1	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
2	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
3	On Peak Demand															
4	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
5	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
6	Energy Charge															
7	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.36692	(0.00021)	0.51203
8	Semi-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.11768	(0.00021)	0.26279
9	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.06000	(0.00021)	0.20511
10	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07983	(0.00021)	0.22494
11	Semi-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07040	(0.00021)	0.21551
12	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.06052	(0.00021)	0.20563
13	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE DR-SES (CARE)</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.36692	(0.00021)	0.51203	
10	Semi-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.11768	(0.00021)	0.26279	
11	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.06000	(0.00021)	0.20511	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07983	(0.00021)	0.22494	
13	Semi-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07040	(0.00021)	0.21551	
14	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.06052	(0.00021)	0.20563	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	
1	<b>SCHEDULE EV-TOU</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.36692	(0.00021)	0.51742	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.11767	(0.00021)	0.26817	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.05999	(0.00021)	0.21049	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07987	(0.00021)	0.23037	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07040	(0.00021)	0.22090	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.06051	(0.00021)	0.21101	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.36692	(0.00021)	0.51742	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.11767	(0.00021)	0.26817	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.05999	(0.00021)	0.21049	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07987	(0.00021)	0.23037	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.07040	(0.00021)	0.22090	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00539	0.06051	(0.00021)	0.21101	
15	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000		0.329	
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.36692	(0.00021)	0.51203	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.11767	(0.00021)	0.26278	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.05999	(0.00021)	0.20510	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07987	(0.00021)	0.22498	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.07040	(0.00021)	0.21551	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.00000	0.00000	0.14532	0.00000	0.06051	(0.00021)	0.20562	
15	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000		0.164	





REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-DR-E1 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.18286	0.00000	0.32818	0.00000	0.36712	(0.00021)	0.69509	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16405	0.00000	0.30937	0.00000	0.11775	(0.00021)	0.42691	
11	Super Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.15739	0.00000	0.30271	0.00000	0.06004	(0.00021)	0.36254	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19998	0.00000	0.34530	0.00000	0.07986	(0.00021)	0.42495	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19674	0.00000	0.34206	0.00000	0.07039	(0.00021)	0.41224	
14	Super Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19406	0.00000	0.33938	0.00000	0.06052	(0.00021)	0.39699	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	
1	<b>SCHEDULE TOU-DR-E2</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.18286	0.00000	0.32818	0.00539	0.36712	(0.00021)	0.70948	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16152	0.00000	0.30684	0.00539	0.09588	(0.00021)	0.40790	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19998	0.00000	0.34530	0.00539	0.07986	(0.00021)	0.43034	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19566	0.00000	0.34098	0.00539	0.06643	(0.00021)	0.41259	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.329	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.329	0.000	0.000	0.000	0.329	
1	<b>SCHEDULE TOU-DR-E2 CARE</b>																
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	On Peak Demand																
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	Energy Charge																
9	On-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.18286	0.00000	0.32818	0.00000	0.36712	(0.00021)	0.69509	
10	Off-Peak: Summer	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.16152	0.00000	0.30684	0.00000	0.09588	(0.00021)	0.40251	
12	On-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19998	0.00000	0.34530	0.00000	0.07986	(0.00021)	0.42495	
13	Off-Peak: Winter	\$/kWh	0.02943	0.09585	0.01770	(0.00005)	0.00182	0.00044	0.00013	0.19566	0.00000	0.34098	0.00000	0.06643	(0.00021)	0.40720	
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.25182)	0.00000	(0.25182)	0.00000	0.00000	0.00000	(0.25182)	
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.21504)	0.00000	(0.21504)	0.00000	0.00000	0.00000	(0.21504)	
19	Minimum Bill	Min Bill \$/Day	0.00	0.164	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.164	0.000	0.000	0.000	0.164	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE A</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
5	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
6	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
7	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
10	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
11	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
12	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer																
27	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.13300	(0.00021)	0.26374	
28	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.13243	(0.00021)	0.26278	
29	Winter																
30	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.06608	(0.00021)	0.19682	
31	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.06582	(0.00021)	0.19617	
1	<b>Schedule A (ELI)</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
5	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
6	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
7	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
10	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
11	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
12	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer																
27	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.08413	(0.00021)	0.20748	
28	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.08413	(0.00021)	0.20709	
29	Winter																
30	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.04935	(0.00021)	0.17270	
31	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.04935	(0.00021)	0.17231	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE TOU-A</b>															
2	Basic Service Fee															
3	Secondary															
4	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00
5	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00
6	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00
7	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00
8	Primary															
9	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00
10	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00
11	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00
12	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00
13	Non-Coincident Demand															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Non-Coincident Demand with Off Peak Exemption															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	On-Peak Demand: Summer															
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	On-Peak Demand: Winter															
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
25	Energy Charge															
26	Summer On-Peak															
27	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.21810	(0.00021)	0.34884
28	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.21705	(0.00021)	0.34740
29	Summer Semi-Peak															
30	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.13300	(0.00021)	0.26374
31	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.13236	(0.00021)	0.26271
32	Summer Off-Peak															
33	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.05632	(0.00021)	0.18706
34	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.05605	(0.00021)	0.18640
35	Winter On-Peak															
36	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.07526	(0.00021)	0.20600
37	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.07492	(0.00021)	0.20527
38	Winter Semi-Peak															
39	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.06633	(0.00021)	0.19707
40	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.06606	(0.00021)	0.19641
41	Winter Off-Peak															
42	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.05701	(0.00021)	0.18775
43	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.05684	(0.00021)	0.18719



REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A (ELI)</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
5	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
6	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
7	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
10	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
11	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
12	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
13	Non-Coincident Demand																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.08413	(0.00021)	0.20748	
28	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.08413	(0.00021)	0.20709	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.08413	(0.00021)	0.20748	
31	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.08413	(0.00021)	0.20709	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.08413	(0.00021)	0.20748	
34	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.08413	(0.00021)	0.20709	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.04935	(0.00021)	0.17270	
37	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.04935	(0.00021)	0.17231	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.04935	(0.00021)	0.17270	
40	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.04935	(0.00021)	0.17231	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07676	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12356	0.00000	0.04935	(0.00021)	0.17270	
43	Primary	\$/kWh	0.03077	0.07637	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12317	0.00000	0.04935	(0.00021)	0.17231	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	58.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.87	0.00	0.00		58.87	
5	5-20 kW	\$/Month	0.00	156.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.16	0.00	0.00		156.16	
6	20-50 kW	\$/Month	0.00	371.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371.14	0.00	0.00		371.14	
7	>50 kW	\$/Month	0.00	957.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	957.17	0.00	0.00		957.17	
8	Primary																
9	0-5 kW	\$/Month	0.00	121.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121.88	0.00	0.00		121.88	
10	5-20 kW	\$/Month	0.00	182.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	182.64	0.00	0.00		182.64	
11	20-50 kW	\$/Month	0.00	309.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	309.05	0.00	0.00		309.05	
12	>50 kW	\$/Month	0.00	941.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	941.09	0.00	0.00		941.09	
13	Non-Coincident Demand																
14	Secondary																
15	Primary																
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.27931	(0.00021)	0.33411	
28	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.27796	(0.00021)	0.33276	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.10508	(0.00021)	0.15988	
31	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.10458	(0.00021)	0.15938	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.05688	(0.00021)	0.11138	
34	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.05630	(0.00021)	0.11110	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.07526	(0.00021)	0.13006	
37	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.07492	(0.00021)	0.12972	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.06633	(0.00021)	0.12113	
40	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.06606	(0.00021)	0.12086	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.05701	(0.00021)	0.11181	
43	Primary	\$/kWh	0.03077	0.00082	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.04962	0.00539	0.05684	(0.00021)	0.11164	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>																
2	Basic Service Fee																
3	Secondary																
4	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
5	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
6	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
7	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
8	Primary																
9	0-5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
10	5-20 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
11	20-50 kW	\$/Month	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00		40.00	
12	>50 kW	\$/Month	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00		100.00	
13	Non-Coincident Demand																
14	Secondary																
15	Primary																
16	Non-Coincident Demand with Off Peak Exemption																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	On-Peak Demand: Summer																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
22	On-Peak Demand: Winter																
23	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
24	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
25	Energy Charge																
26	Summer On-Peak																
27	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.21810	(0.00021)	0.34884	
28	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.21705	(0.00021)	0.34740	
29	Summer Semi-Peak																
30	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.10759	(0.00021)	0.23833	
31	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.10707	(0.00021)	0.23742	
32	Summer Off-Peak																
33	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.10759	(0.00021)	0.23833	
34	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.10707	(0.00021)	0.23742	
35	Winter On-Peak																
36	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.07526	(0.00021)	0.20600	
37	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.07492	(0.00021)	0.20527	
38	Winter Semi-Peak																
39	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.06302	(0.00021)	0.19376	
40	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.06272	(0.00021)	0.19307	
41	Winter Off-Peak																
42	Secondary	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12556	0.00539	0.06302	(0.00021)	0.19376	
43	Primary	\$/kWh	0.03077	0.07637	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.12517	0.00539	0.06272	(0.00021)	0.19307	
1	<b>SCHEDULE A-TC</b>																
2	Basic Service Fee																
3	Under 5 kW	\$/Month	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00		14.00	
4	Over 5 kW	\$/Month	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00		24.00	
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
7	On Peak Demand																
8	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
10	Energy Charge																
11	Summer	\$/kWh	0.03077	0.04230	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.09110	0.00539	0.06713	(0.00021)	0.16341	
12	Winter	\$/kWh	0.03077	0.04230	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000	0.00000	0.09110	0.00539	0.06713	(0.00021)	0.16341	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A-TOU</b>															
2	Basic Service Fee															
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
7	Non-Coincident Demand	\$/kW	0.00	3.44	0.00	0.00	0.00	0.00	0.00	0.00		3.44	0.00	0.00		3.44
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	On Peak Demand															
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	Energy Charge															
13	Summer															
14	On-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.27841	(0.00021)	0.35810
15	Semi-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.10566	(0.00021)	0.18525
16	Off-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.05688	(0.00021)	0.13657
17	Winter															
18	On-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.07558	(0.00021)	0.15527
19	Semi-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.06661	(0.00021)	0.14630
20	Off-Peak	\$/kWh	0.03077	0.02571	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07451	0.00539	0.05725	(0.00021)	0.13694
1	<b>SCHEDULE A-TOU (ELI)</b>															
2	Basic Service Fee															
3	0-5 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
4	5-20 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
5	20-50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
6	>50 kW	\$/Month	0.00	101.56	0.00	0.00	0.00	0.00	0.00	0.00		101.56	0.00	0.00		101.56
7	Non-Coincident Demand	\$/kW	0.00	3.44	0.00	0.00	0.00	0.00	0.00	0.00		3.44	0.00	0.00		3.44
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
9	On Peak Demand															
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
12	Energy Charge															
13	Summer															
14	On-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.08413	(0.00021)	0.15643
15	Semi-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.08413	(0.00021)	0.15643
16	Off-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.08413	(0.00021)	0.15643
17	Winter															
18	On-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.04935	(0.00021)	0.12165
19	Semi-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.04935	(0.00021)	0.12165
20	Off-Peak	\$/kWh	0.03077	0.02571	0.01376	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.07251	0.00000	0.04935	(0.00021)	0.12165
1	<b>SCHEDULE UM</b>															
2	Basic Service Fee	\$/Month	0.00	12.02	0.00	0.00	0.00	0.00	0.00	0.00		12.02	0.00	0.00		12.02
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
5	On Peak Demand															
6	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
7	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00
8	Energy Charge															
9	Summer	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.12556	0.00539	0.13274	(0.00021)	0.26348
10	Winter	\$/kWh	0.03077	0.07676	0.01576	(0.00005)	0.00183	0.00035	0.00014	0.00000		0.12556	0.00539	0.06595	(0.00021)	0.19669

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>															
2	Basic Service Fee															
3	Secondary	\$/Month	0.00	186.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.30	0.00	0.00		186.30
4	Primary	\$/Month	0.00	50.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.24	0.00	0.00		50.24
5	Maximum Demand Charge															
6	Secondary	\$/KW	12.55	16.54	0.00	0.00	0.00	0.00	0.04	0.00	0.00	29.13	0.00	0.00		29.13
7	Primary	\$/KW	12.13	16.45	0.00	0.00	0.00	0.00	0.04	0.00	0.00	28.62	0.00	0.00		28.62
11	Maximum Demand: Summer															
12	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
13	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
14	Maximum Demand: Winter															
15	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Maximum On-Peak Demand: Summer															
18	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.69		11.69
19	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.64		11.64
20	Maximum On-Peak Demand: Winter															
21	Secondary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
22	Primary	\$/KW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
24	Energy Charge															
25	On-Peak Energy: Summer															
26	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.09853	(0.00021)	0.11125
27	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.09806	(0.00021)	0.11078
28	Semi-Peak Energy: Summer															
29	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.08181	(0.00021)	0.09453
30	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.08144	(0.00021)	0.09416
31	Off-Peak Energy: Summer															
32	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.06686	(0.00021)	0.07958
33	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.06666	(0.00021)	0.07938
34	On-Peak Energy: Winter															
35	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.08899	(0.00021)	0.10171
36	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.08858	(0.00021)	0.10130
37	Semi-Peak Energy: Winter															
38	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.07844	(0.00021)	0.09116
39	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.07812	(0.00021)	0.09084
40	Off-Peak Energy: Winter															
41	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.06744	(0.00021)	0.08016
42	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000	0.00000	0.00754	0.00539	0.06724	(0.00021)	0.07996



REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE AL-TOU (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.10059	(0.00021)	0.11331	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.10011	(0.00021)	0.11283	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.10059	(0.00021)	0.10881	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.10011	(0.00021)	0.10833	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.09581	(0.00021)	0.10403	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08370	(0.00021)	0.09642	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08331	(0.00021)	0.09603	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08370	(0.00021)	0.09192	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08331	(0.00021)	0.09153	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07977	(0.00021)	0.08799	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06686	(0.00021)	0.07958	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06665	(0.00021)	0.07937	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06686	(0.00021)	0.07508	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06665	(0.00021)	0.07487	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06397	(0.00021)	0.07219	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08900	(0.00021)	0.10172	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08859	(0.00021)	0.10131	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08900	(0.00021)	0.09722	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08859	(0.00021)	0.09681	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08486	(0.00021)	0.09308	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07845	(0.00021)	0.09117	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07812	(0.00021)	0.09084	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07845	(0.00021)	0.08667	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07812	(0.00021)	0.08634	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07490	(0.00021)	0.08312	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06743	(0.00021)	0.08015	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06723	(0.00021)	0.07985	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06743	(0.00021)	0.07565	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06723	(0.00021)	0.07545	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06453	(0.00021)	0.07275	





REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	SCHEDULE AL-TOU (ELI) (Continued)																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07809	(0.00021)	0.08378	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07808	(0.00021)	0.08377	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07809	(0.00021)	0.08092	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07808	(0.00021)	0.08091	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07798	(0.00021)	0.08081	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07791	(0.00021)	0.08360	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07790	(0.00021)	0.08359	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07791	(0.00021)	0.08074	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07790	(0.00021)	0.08073	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07782	(0.00021)	0.08065	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07602	(0.00021)	0.08171	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07602	(0.00021)	0.08171	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07602	(0.00021)	0.07885	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07602	(0.00021)	0.07885	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.07602	(0.00021)	0.07885	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04459	(0.00021)	0.04742	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04458	(0.00021)	0.05027	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04458	(0.00021)	0.05027	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04458	(0.00021)	0.04741	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04458	(0.00021)	0.04741	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00000	0.04458	(0.00021)	0.04741	

# REBUTTAL ATTACHMENT F

## ILLUSTRATIVE PROPOSED RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION	UNITS	TRANSMISSION RATE	DISTRIBUTION RATE	PPP RATE	NUCLEAR DECOMMISSION RATE	CTC RATE	LGC RATE	RS RATE	TRAC RATE	GHG RATE	TOTAL UDC RATE	DWR BOND RATE	EECC RATE	DWR Credit	TOTAL RATE	
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	
1	<b>SCHEDULE ML C&amp;I Cost Based Option</b>																
2	Basic Service Fee																
3	Less than or equal to 500 kW																
4	Secondary	\$/Month	0.00	310.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	310.34	0.00	0.00		310.34	
5	Primary	\$/Month	0.00	150.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.50	0.00	0.00		150.50	
6	Secondary Substation	\$/Month	0.00	68,388.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,388.96	0.00	0.00		68,388.96	
7	Primary Substation	\$/Month	0.00	68,229.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,229.13	0.00	0.00		68,229.13	
8	Transmission	\$/Month	0.00	1,005.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,005.92	0.00	0.00		1,005.92	
9	Greater than 500 kW																
10	Secondary	\$/Month	0.00	744.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	744.64	0.00	0.00		744.64	
11	Primary	\$/Month	0.00	174.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	174.24	0.00	0.00		174.24	
12	Secondary Substation	\$/Month	0.00	68,823.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,823.26	0.00	0.00		68,823.26	
13	Primary Substation	\$/Month	0.00	68,252.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,252.86	0.00	0.00		68,252.86	
14	Transmission	\$/Month	0.00	1,962.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,962.73	0.00	0.00		1,962.73	
15	Greater than 12 MW																
16	Secondary Substation	\$/Month	0.00	70,041.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70,041.35	0.00	0.00		70,041.35	
17	Primary Substation	\$/Month	0.00	68,341.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68,341.30	0.00	0.00		68,341.30	
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00	
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23	
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17	
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22	
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13	
23	Non-Coincident Demand																
24	Secondary	\$/kW	11.30	15.20	0.00	0.00	0.00	0.00	0.04	0.00	0.00	26.54	0.00	0.00		26.54	
25	Primary	\$/kW	10.92	15.12	0.00	0.00	0.00	0.00	0.04	0.00	0.00	26.08	0.00	0.00		26.08	
26	Secondary Substation	\$/kW	11.30	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	13.02	0.00	0.00		13.02	
27	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.64	0.00	0.00		12.64	
28	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.52	0.00	0.00		12.52	
29	Non-Coincident Demand with Off Peak Exemption																
30	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
31	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Maximum On-Peak Demand: Summer																
36	Secondary	\$/kW	2.03	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.09	0.00	15.36		17.45	
37	Primary	\$/kW	1.96	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.00	15.29		17.31	
38	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	15.36		17.39	
39	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	15.29		17.25	
40	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	14.63		16.57	
41	Maximum On-Peak Demand: Winter																
42	Secondary	\$/kW	0.61	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00		0.66	
43	Primary	\$/kW	0.59	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64	
44	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61	
45	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
46	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59	
47	Semi-Peak Demand: Summer																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
53	Semi-Peak Demand: Winter																
54	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
55	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
58	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
59	Off-Peak Demand: Summer																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
64	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
65	Off-Peak Demand: Winter																
66	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
67	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
70	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
74	Secondary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
75	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25	
76	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
77																	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
78	<b>SCHEDULE ML C&amp;I Cost Based Option (Continued)</b>																
79	On-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09660	(0.00021)	0.10932	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09613	(0.00021)	0.10885	
82	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.09660	(0.00021)	0.10482	
83	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.09613	(0.00021)	0.10435	
84	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.09201	(0.00021)	0.10023	
85	Semi-Peak Energy: Summer																
86	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08038	(0.00021)	0.09310	
87	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08001	(0.00021)	0.09273	
88	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08038	(0.00021)	0.08860	
89	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08001	(0.00021)	0.08823	
90	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07661	(0.00021)	0.08483	
91	Off-Peak Energy: Summer																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06415	(0.00021)	0.07687	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06395	(0.00021)	0.07667	
94	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06415	(0.00021)	0.07237	
95	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06395	(0.00021)	0.07217	
96	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06138	(0.00021)	0.06960	
97	On-Peak Energy: Winter																
98	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08539	(0.00021)	0.09811	
99	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08500	(0.00021)	0.09772	
100	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08539	(0.00021)	0.09361	
101	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08500	(0.00021)	0.09322	
102	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.08142	(0.00021)	0.08964	
103	Semi-Peak Energy: Winter																
104	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07527	(0.00021)	0.08799	
105	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07495	(0.00021)	0.08767	
106	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07527	(0.00021)	0.08349	
107	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07495	(0.00021)	0.08317	
108	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.07187	(0.00021)	0.08009	
109	Off-Peak Energy: Winter																
110	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06470	(0.00021)	0.07742	
111	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06451	(0.00021)	0.07723	
112	Secondary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06470	(0.00021)	0.07292	
113	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06451	(0.00021)	0.07273	
114	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000		0.00304	0.00539	0.06191	(0.00021)	0.07013	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE DG-R</b>															
2	Basic Service Fee															
3	Less than or equal to 500 kW															
4	Secondary	\$/Month	0.00	186.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	186.30	0.00	0.00		186.30
5	Primary	\$/Month	0.00	50.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.24	0.00	0.00		50.24
6	Secondary Substation	\$/Month	0.00	26,608.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,608.19	0.00	0.00		26,608.19
7	Primary Substation	\$/Month	0.00	26,608.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,608.19	0.00	0.00		26,608.19
8	Transmission	\$/Month	0.00	270.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.94	0.00	0.00		270.94
9	Greater than 500 kW															
10	Secondary	\$/Month	0.00	744.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	744.64	0.00	0.00		744.64
11	Primary	\$/Month	0.00	59.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.77	0.00	0.00		59.77
12	Secondary Substation	\$/Month	0.00	26,608.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,608.19	0.00	0.00		26,608.19
13	Primary Substation	\$/Month	0.00	26,608.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,608.19	0.00	0.00		26,608.19
14	Transmission	\$/Month	0.00	1,084.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,084.06	0.00	0.00		1,084.06
15	Transmission Multiple Bus		0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,000.00	0.00	0.00		3,000.00
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	0.00	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	0.00	0.00		1.23
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	0.00	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.00	0.00		3.17
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
20	Maximum Demand															
21	Secondary	\$/kW	11.30	1.35	0.00	0.00	0.00	0.00	0.04	0.00	0.00	12.69	0.00	0.00		12.69
22	Primary	\$/kW	10.92	1.50	0.00	0.00	0.00	0.00	0.04	0.00	0.00	12.46	0.00	0.00		12.46
23	Secondary Substation	\$/kW	11.30	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	11.34	0.00	0.00		11.34
24	Primary Substation	\$/kW	10.92	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.96	0.00	0.00		10.96
25	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	10.84	0.00	0.00		10.84
26	Non-Coincident Demand with Off Peak Exemption															
27	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
28	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
31	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
32	Maximum On-Peak Demand: Summer															
33	Secondary	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
34	Primary	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
35	Secondary Substation	\$/kW	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	0.00	0.00		2.03
36	Primary Substation	\$/kW	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00		1.96
37	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.94	0.00	0.00		1.94
38	Maximum On-Peak Demand: Winter															
39	Secondary	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
40	Primary	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
41	Secondary Substation	\$/kW	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00		0.61
42	Primary Substation	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
43	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00		0.59
44	Power Factor															
45	Secondary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
46	Primary	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
47	Secondary Substation	\$/kW	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
48	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
49	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE DG-R (continued)</b>																
51	On-Peak Energy: Summer																
52	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.27953	(0.00021)	0.33597	
53	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.27912	(0.00021)	0.33479	
54	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.27953	(0.00021)	0.29225	
55	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.27912	(0.00021)	0.29184	
56	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.27550	(0.00021)	0.28822	
57	Semi-Peak Energy: Summer																
58	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.14587	(0.00021)	0.20231	
59	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.14540	(0.00021)	0.20107	
60	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.14587	(0.00021)	0.15859	
61	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.14540	(0.00021)	0.15812	
62	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.14109	(0.00021)	0.15381	
63	Off-Peak Energy: Summer																
64	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.09938	(0.00021)	0.15582	
65	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.09921	(0.00021)	0.15488	
66	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09938	(0.00021)	0.11210	
67	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09921	(0.00021)	0.11193	
68	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09696	(0.00021)	0.10968	
69	On-Peak Energy: Winter																
70	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.07478	(0.00021)	0.13122	
71	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.07444	(0.00021)	0.13011	
72	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07478	(0.00021)	0.08750	
73	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07444	(0.00021)	0.08716	
74	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07130	(0.00021)	0.08402	
75	Semi-Peak Energy: Winter																
76	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.06591	(0.00021)	0.12235	
77	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.06564	(0.00021)	0.12131	
78	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06591	(0.00021)	0.07863	
79	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06564	(0.00021)	0.07836	
80	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06294	(0.00021)	0.07566	
81	Off-Peak Energy: Winter																
82	Secondary	\$/kWh	(0.00951)	0.04447	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05126	0.00539	0.05666	(0.00021)	0.11310	
83	Primary	\$/kWh	(0.00951)	0.04370	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.05049	0.00539	0.05649	(0.00021)	0.11216	
84	Secondary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.05666	(0.00021)	0.06938	
85	Primary Substation	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.05649	(0.00021)	0.06921	
86	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.05422	(0.00021)	0.06694	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE AY-TOU (CLOSED)</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	186.30	0.00	0.00	0.00	0.00	0.00	0.00		186.30	0.00	0.00		186.30	
4	Primary	\$/Month	0.00	50.24	0.00	0.00	0.00	0.00	0.00	0.00		50.24	0.00	0.00		50.24	
5	Transmission	\$/Month	0.00	270.94	0.00	0.00	0.00	0.00	0.00	0.00		270.94	0.00	0.00		270.94	
6	Non-Coincident Demand																
7	Secondary	\$/kW	11.30	14.04	0.00	0.00	0.00	0.00	0.04	0.00		25.38	0.00	0.00		25.38	
8	Primary	\$/kW	10.92	13.97	0.00	0.00	0.00	0.00	0.04	0.00		24.93	0.00	0.00		24.93	
9	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
10	Non-Coincident Demand with Off Peak Exemption																
11	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
14	Maximum On-Peak Demand: Summer																
15	Secondary	\$/kW	2.03	3.02	0.00	0.00	0.00	0.00	0.00	0.00		5.05	0.00	11.89		16.94	
16	Primary	\$/kW	1.96	3.01	0.00	0.00	0.00	0.00	0.00	0.00		4.97	0.00	11.83		16.80	
17	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	11.32		13.26	
18	Maximum On-Peak Demand: Winter																
19	Secondary	\$/kW	0.61	2.59	0.00	0.00	0.00	0.00	0.00	0.00		3.20	0.00	0.00		3.20	
20	Primary	\$/kW	0.59	2.58	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17	
21	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
22	Power Factor																
23	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
24	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
25	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
26	On-Peak Energy: Summer																
27	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.10059	(0.00021)	0.11331	
28	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.10011	(0.00021)	0.11283	
29	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.09581	(0.00021)	0.10853	
30	Semi-Peak Energy: Summer																
31	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08370	(0.00021)	0.09642	
32	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08331	(0.00021)	0.09603	
33	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07977	(0.00021)	0.09249	
34	Off-Peak Energy: Summer																
35	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06696	(0.00021)	0.07958	
36	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06665	(0.00021)	0.07937	
37	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06397	(0.00021)	0.07669	
38	On-Peak Energy: Winter																
39	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08900	(0.00021)	0.10172	
40	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08859	(0.00021)	0.10131	
41	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.08486	(0.00021)	0.09758	
42	Semi-Peak Energy: Winter																
43	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07845	(0.00021)	0.09117	
44	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07812	(0.00021)	0.09084	
45	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.07490	(0.00021)	0.08762	
46	Off-Peak Energy: Winter																
47	Secondary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06743	(0.00021)	0.08015	
48	Primary	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06723	(0.00021)	0.07996	
49	Transmission	\$/kWh	(0.00951)	0.00075	0.01437	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00754	0.00539	0.06453	(0.00021)	0.07725	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>																
51	Basic Service Fee																
52	Secondary	\$/Month	0.00	186.30	0.00	0.00	0.00	0.00	0.00	0.00		186.30	0.00	0.00		186.30	
53	Primary	\$/Month	0.00	50.24	0.00	0.00	0.00	0.00	0.00	0.00		50.24	0.00	0.00		50.24	
54	Transmission	\$/Month	0.00	270.94	0.00	0.00	0.00	0.00	0.00	0.00		270.94	0.00	0.00		270.94	
55	Non-Coincident Demand																
56	Secondary	\$/kW	11.30	14.04	0.00	0.00	0.00	0.00	0.04	0.00		25.38	0.00	0.00		25.38	
57	Primary	\$/kW	10.92	13.97	0.00	0.00	0.00	0.00	0.04	0.00		24.93	0.00	0.00		24.93	
58	Transmission	\$/kW	10.80	0.00	0.00	0.00	0.00	0.00	0.04	0.00		10.84	0.00	0.00		10.84	
59	Non-Coincident Demand with Off Peak Exemption																
60	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
61	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
62	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
63	Maximum On-Peak Demand: Summer																
64	Secondary	\$/kW	2.03	3.02	0.00	0.00	0.00	0.00	0.00	0.00		5.05	0.00	11.89		16.94	
65	Primary	\$/kW	1.96	3.01	0.00	0.00	0.00	0.00	0.00	0.00		4.97	0.00	11.83		16.80	
66	Transmission	\$/kW	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00		1.94	0.00	11.32		13.26	
67	Maximum On-Peak Demand: Winter																
68	Secondary	\$/kW	0.61	2.59	0.00	0.00	0.00	0.00	0.00	0.00		3.20	0.00	0.00		3.20	
69	Primary	\$/kW	0.59	2.58	0.00	0.00	0.00	0.00	0.00	0.00		3.17	0.00	0.00		3.17	
70	Transmission	\$/kW	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.59	0.00	0.00		0.59	
71	Power Factor																
72	Secondary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
73	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00		0.25	0.00	0.00		0.25	
74	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
75	On-Peak Energy: Summer																
76	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07809	(0.00021)	0.08378	
77	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07808	(0.00021)	0.08377	
78	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07798	(0.00021)	0.08367	
79	Semi-Peak Energy: Summer																
80	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07791	(0.00021)	0.08360	
81	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07790	(0.00021)	0.08359	
82	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07782	(0.00021)	0.08351	
83	Off-Peak Energy: Summer																
84	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07602	(0.00021)	0.08171	
85	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07602	(0.00021)	0.08171	
86	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.07602	(0.00021)	0.08171	
87	On-Peak Energy: Winter																
88	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
89	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
90	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
91	Semi-Peak Energy: Winter																
92	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
93	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
94	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04459	(0.00021)	0.05028	
95	Off-Peak Energy: Winter																
96	Secondary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04458	(0.00021)	0.05027	
97	Primary	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04458	(0.00021)	0.05027	
98	Transmission	\$/kWh	(0.00951)	0.00075	0.01273	(0.00005)	0.00164	0.00033	0.00001	0.00000		0.00590	0.00000	0.04458	(0.00021)	0.05027	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE A6-TOU</b>															
2	Basic Service Fee	\$/Month														
3	Greater than 500 kW															
4	Primary	\$/Month	0.00	59.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.77	0.00	0.00		59.77
5	Primary Substation	\$/Month	0.00	26,608.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,608.19	0.00	0.00		26,608.19
6	Transmission	\$/Month	0.00	1,931.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,931.13	0.00	0.00		1,931.13
7	Greater than 12 MW -- Pri. Sub.	\$/Month	0.00	44,984.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44,984.69	0.00	0.00		44,984.69
8	Distance Adjustment Fee OH	\$/foot/Month	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00		1.22
9	Distance Adjustment Fee UG	\$/foot/Month	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00		3.13
10	Non-Coincident Demand															
11	Primary	\$/kW	10.92	14.25	0.78	0.00	0.61	0.00	0.04	0.00	0.00	26.60	0.00	0.00		26.60
12	Primary Substation	\$/kW	10.92	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.64	0.00	0.00		12.64
13	Transmission	\$/kW	10.80	0.29	0.78	0.00	0.61	0.00	0.04	0.00	0.00	12.52	0.00	0.00		12.52
14	Non-Coincident Demand with Off Peak Exemption															
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
17	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Maximum Demand at Time of System Peak: Summer															
19	Primary	\$/kW	2.37	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38	0.00	11.83		17.21
20	Primary Substation	\$/kW	2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.00	11.83		14.20
21	Transmission	\$/kW	2.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.00	11.32		13.67
22	Maximum Demand at Time of System Peak: Winter															
23	Primary	\$/kW	0.64	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.22	0.00	0.00		3.22
24	Primary Substation	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
25	Transmission	\$/kW	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00		0.64
26	Power Factor															
27	Primary	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
28	Primary Substation	\$/kvar	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00		0.25
29	Transmission	\$/kvar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
30	On-Peak Energy: Summer															
31	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.10011	(0.00021)	0.10833
32	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.10011	(0.00021)	0.10833
33	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.09581	(0.00021)	0.10403
34	Semi-Peak Energy: Summer															
35	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.08331	(0.00021)	0.09153
36	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.08331	(0.00021)	0.09153
37	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.07977	(0.00021)	0.08799
38	Off-Peak Energy: Summer															
39	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06665	(0.00021)	0.07487
40	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06665	(0.00021)	0.07487
41	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06397	(0.00021)	0.07219
42	On-Peak Energy: Winter															
43	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.08859	(0.00021)	0.09681
44	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.08859	(0.00021)	0.09681
45	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.08486	(0.00021)	0.09308
46	Semi-Peak Energy: Winter															
47	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.07812	(0.00021)	0.08634
48	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.07812	(0.00021)	0.08634
49	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.07490	(0.00021)	0.08312
50	Off-Peak Energy: Winter															
51	Primary	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06723	(0.00021)	0.07545
52	Primary Substation	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06723	(0.00021)	0.07545
53	Transmission	\$/kWh	(0.00951)	0.00000	0.01226	(0.00005)	0.00000	0.00033	0.00001	0.00000	0.00000	0.00304	0.00539	0.06453	(0.00021)	0.07275



REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE S</b>																
2	Contracted Demand																
3	Secondary	\$/kW	5.61	7.61	0.00	0.00	0.00	0.00	0.02	0.00		13.24	0.00	0.00		13.24	
4	Primary	\$/kW	5.41	7.57	0.00	0.00	0.00	0.00	0.02	0.00		13.00	0.00	0.00		13.00	
5	Secondary Substation	\$/kW	5.61	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.63	0.00	0.00		5.63	
6	Primary Substation	\$/kW	5.41	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.43	0.00	0.00		5.43	
7	Transmission	\$/kW	5.36	0.00	0.00	0.00	0.00	0.00	0.02	0.00		5.38	0.00	0.00		5.38	
1	<b>SCHEDULE OL-TOU</b>																
2	Basic Service Fee	\$/Month															
3	0-5 kW	\$/Month	0.00	30.59	0.00	0.00	0.00	0.00	0.00	0.00		30.59	0.00	0.00		30.59	
4	5-20 kW	\$/Month	0.00	30.59	0.00	0.00	0.00	0.00	0.00	0.00		30.59	0.00	0.00		30.59	
5	20-50 kW	\$/Month	0.00	30.59	0.00	0.00	0.00	0.00	0.00	0.00		30.59	0.00	0.00		30.59	
6	> 50 kW	\$/Month	0.00	30.59	0.00	0.00	0.00	0.00	0.00	0.00		30.59	0.00	0.00		30.59	
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
9	On Peak Demand																
10	Summer	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
11	Winter	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	
12	Energy Charge																
13	Summer																
14	On-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.27997	(0.00021)	0.38253	
15	Semi-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.10241	(0.00021)	0.20497	
16	Off-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.05614	(0.00021)	0.15870	
17	Winter																
18	On-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.07474	(0.00021)	0.17730	
19	Semi-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.06587	(0.00021)	0.16843	
20	Off-Peak	\$/kWh	0.03077	0.05018	0.01437	(0.00005)	0.00164	0.00033	0.00014	0.00000		0.09738	0.00539	0.05663	(0.00021)	0.15919	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE PA-T-1</b>																
2	Basic Service Fee																
3	Secondary	\$/Month	0.00	105.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.49	0.00	0.00		105.49	
4	Primary	\$/Month	0.00	105.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.49	0.00	0.00		105.49	
5	Transmission	\$/Month	0.00	105.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	105.49	0.00	0.00		105.49	
6	Non-Coincident Demand																
7	Secondary	\$/kW	4.83	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.85	0.00	0.00		4.85	
8	Primary	\$/kW	4.68	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	4.70	0.00	0.00		4.70	
9	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	0.00	0.00		0.02	
10	Non-Coincident Demand (Excluding Off-Peak)																
11	Secondary	\$/kW	0.00	9.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.85	0.00	0.00		9.85	
12	Primary	\$/kW	0.00	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.80	0.00	0.00		9.80	
13	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
14	Demand: On-Peak: Summer																
15	Option C																
16	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92		6.92	
17	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89		6.89	
18	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59		6.59	
19	Option D																
20	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92		6.92	
21	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89		6.89	
22	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59		6.59	
23	Option E																
24	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92		6.92	
25	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89		6.89	
26	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59		6.59	
27	Option F																
28	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92		6.92	
29	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89		6.89	
30	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.59		6.59	
31	Demand: On-Peak: Winter																
32	Option C																
33	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
34	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
35	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
36	Option D																
37	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
38	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
39	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
40	Option E																
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
43	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
44	Option F																
45	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
46	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
47	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
48	Demand: Semi-Peak																
49	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
51	Transmission	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
52	On-Peak Energy: Summer																
53	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.09814	(0.00021)	0.11003	
54	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.09767	(0.00021)	0.10956	
55	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.09348	(0.00021)	0.10537	
56	Semi-Peak Energy: Summer																
57	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.08147	(0.00021)	0.09336	
58	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.08109	(0.00021)	0.09298	
59	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.07764	(0.00021)	0.08953	
60	Off-Peak Energy: Summer																
61	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06664	(0.00021)	0.07853	
62	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06643	(0.00021)	0.07832	
63	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06376	(0.00021)	0.07565	
64	On-Peak Energy: Winter																
65	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.08871	(0.00021)	0.10060	
66	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.08830	(0.00021)	0.10019	
67	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.08458	(0.00021)	0.09647	
68	Semi-Peak Energy: Winter																
69	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.07819	(0.00021)	0.09008	
70	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.07786	(0.00021)	0.08975	
71	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.07466	(0.00021)	0.08655	
72	Off-Peak Energy: Winter																
73	Secondary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06721	(0.00021)	0.07910	
74	Primary	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06702	(0.00021)	0.07891	
75	Transmission	\$/kWh	(0.00951)	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00001	0.00000	0.00000	0.00671	0.00539	0.06432	(0.00021)	0.07621	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)
1	<b>SCHEDULE PA</b>															
2	Less than 20 kW															
3	0-20 kW BSF															
4	Secondary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16
5	Primary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16
6	Non-Coincident Demand															
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
9	Non-Coincident Demand with Off Peak Exemption															
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
12	On Peak Demand															
13	Summer															
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
16	Winter															
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
19	Energy Charge															
20	Summer															
21	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.11289	(0.00021)	0.19476
22	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.11258	(0.00021)	0.19419
23	Winter															
24	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.06619	(0.00021)	0.14806
25	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.06595	(0.00021)	0.14756
26	Greater than 20 kW															
27	Basic Service Fee															
28	Secondary	\$/Month	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00		34.99
29	Primary	\$/Month	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00		34.99
30	Non-Coincident Demand															
31	Secondary	\$/kW	0.00	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	0.00	0.00		2.89
32	Primary	\$/kW	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00		2.87
33	Non-Coincident Demand with Off Peak Exemption															
34	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
35	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
36	On Peak Demand															
37	Summer															
38	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
39	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
40	Winter															
41	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
42	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
43	Energy Charge															
44	Summer															
45	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.11289	(0.00021)	0.18108
46	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.11258	(0.00021)	0.18058
47	Winter															
48	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.06619	(0.00021)	0.13438
49	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.06595	(0.00021)	0.13395

**REBUTTAL ATTACHMENT F**

**ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-PA</b>																
2	<i>Less than 20kW</i>																
3	0-20 kW BSF																
4	Secondary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16	
5	Primary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16	
6	Non-Coincident Demand																
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	Non-Coincident Demand with Off Peak Exemption																
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	On Peak Demand																
13	Summer																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Winter																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	Energy Charge																
20	Summer																
21	On-Peak																
22	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.22135	(0.00021)	0.30322	
23	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.22028	(0.00021)	0.30189	
24	Semi-Peak																
25	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.11289	(0.00021)	0.19476	
26	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.11234	(0.00021)	0.19395	
27	Off-Peak																
28	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.05706	(0.00021)	0.13893	
29	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.05678	(0.00021)	0.13839	
30	Winter																
31	On-Peak																
32	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.06896	(0.00021)	0.15083	
33	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.06885	(0.00021)	0.15026	
34	Semi-Peak																
35	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.06078	(0.00021)	0.14265	
36	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.06053	(0.00021)	0.14214	
37	Off-Peak																
38	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.05225	(0.00021)	0.13412	
39	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.05210	(0.00021)	0.13371	
40	<i>Greater than or equal to 20kW</i>																
41	Basic Service Fee																
42	Secondary	\$/Month	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00		34.99	
43	Primary	\$/Month	0.00	34.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	0.00	0.00		34.99	
44	Non-Coincident Demand																
45	Secondary	\$/kW	0.00	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	0.00	0.00		2.89	
46	Primary	\$/kW	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00		2.87	
47	Non-Coincident Demand with Off Peak Exemption																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	On Peak Demand																
51	Summer																
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87		3.87	
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85		3.85	
54	Winter																
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Energy Charge																
58	Summer																
59	On-Peak																
60	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.12630	(0.00021)	0.19449	
61	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.12570	(0.00021)	0.19370	
62	Semi-Peak																
63	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.10487	(0.00021)	0.17306	
64	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.10437	(0.00021)	0.17237	
65	Off-Peak																
66	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.08579	(0.00021)	0.15398	
67	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.08537	(0.00021)	0.15337	
68	Winter																
69	On-Peak																
70	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.07539	(0.00021)	0.14358	
71	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.07502	(0.00021)	0.14302	
72	Semi-Peak																
73	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.06645	(0.00021)	0.13464	
74	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.06613	(0.00021)	0.13413	
75	Off-Peak																
76	Secondary	\$/kWh	0.01089	0.03671	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06301	0.00539	0.05712	(0.00021)	0.12531	
77	Primary	\$/kWh	0.01089	0.03652	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.06282	0.00539	0.05685	(0.00021)	0.12485	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	TRANSMISSION RATE (C)	DISTRIBUTION RATE (D)	PPP RATE (E)	NUCLEAR DECOMMISSION RATE (F)	CTC RATE (G)	LGC RATE (H)	RS RATE (I)	TRAC RATE (J)	GHG RATE (K)	TOTAL UDC RATE (L)	DWR BOND RATE (M)	ECCC RATE (N)	DWR Credit (O)	TOTAL RATE (P)	
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>																
2	Less than 20kW																
3	0-20 kW BSF																
4	Secondary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16	
5	Primary	\$/Month	0.00	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.16	0.00	0.00		29.16	
6	Non-Coincident Demand																
7	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
8	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
9	Non-Coincident Demand with Off Peak Exemption																
10	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
11	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
12	On Peak Demand																
13	Summer																
14	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
15	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
16	Winter																
17	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
18	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
19	Energy Charge																
20	Summer																
21	On-Peak																
22	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.22135	(0.00021)	0.30322	
23	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.22028	(0.00021)	0.30189	
24	Semi-Peak																
25	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.09027	(0.00021)	0.17214	
26	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.08984	(0.00021)	0.17145	
27	Off-Peak																
28	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.09027	(0.00021)	0.17214	
29	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.08984	(0.00021)	0.17145	
30	Winter																
31	On-Peak																
32	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.06896	(0.00021)	0.15083	
33	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.06865	(0.00021)	0.15026	
34	Semi-Peak																
35	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.05730	(0.00021)	0.13917	
36	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.05702	(0.00021)	0.13863	
37	Off-Peak																
38	Secondary	\$/kWh	0.01089	0.05039	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07669	0.00539	0.05730	(0.00021)	0.13917	
39	Primary	\$/kWh	0.01089	0.05013	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.07643	0.00539	0.05702	(0.00021)	0.13863	
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>																
40	Greater than or equal to 20kW																
41	Basic Service Fee																
42	Secondary	\$/Month	0.00	287.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287.15	0.00	0.00		287.15	
43	Primary	\$/Month	0.00	144.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	144.07	0.00	0.00		144.07	
44	Non-Coincident Demand																
45	Secondary	\$/kW	0.00	7.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.22	0.00	0.00		7.22	
46	Primary	\$/kW	0.00	7.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.18	0.00	0.00		7.18	
47	Non-Coincident Demand with Off Peak Exemption																
48	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
49	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
50	On Peak Demand																
51	Summer																
52	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.71		8.71	
53	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67		8.67	
54	Winter																
55	Secondary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
56	Primary	\$/kW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
57	Energy Charge																
58	Summer																
59	On-Peak																
60	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.10083	(0.00021)	0.13318	
61	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.10035	(0.00021)	0.13270	
62	Semi-Peak																
63	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.08372	(0.00021)	0.11607	
64	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.08332	(0.00021)	0.11567	
65	Off-Peak																
66	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.06850	(0.00021)	0.10085	
67	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.06817	(0.00021)	0.10052	
68	Winter																
69	On-Peak																
70	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.07539	(0.00021)	0.10774	
71	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.07502	(0.00021)	0.10737	
72	Semi-Peak																
73	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.06645	(0.00021)	0.09880	
74	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.06613	(0.00021)	0.09848	
75	Off-Peak																
76	Secondary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.05712	(0.00021)	0.09847	
77	Primary	\$/kWh	0.01089	0.00087	0.01404	(0.00005)	0.00114	0.00021	0.00007	0.00000	0.00000	0.02717	0.00539	0.05685	(0.00021)	0.09820	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
1			LS-1, Mercury Vapor, Class A, Reactor Ballast																1
2	0.192	67	175	7000	1.31	10.99	0.29	0.00	0.01	0.02	0.01	0.00	12.63	0.36113	5.90471	(0.01411)	18.88173	(0.00469)	2
3			LS-1, Mercury Vapor, Class A, Regulator Ballast																3
4	0.210	73	175	7000	1.42	11.14	0.31	0.00	0.01	0.02	0.01	0.00	12.91	0.39347	6.43349	(0.01537)	19.72159	(0.00511)	4
5	0.460	160	400	20000	3.12	16.32	0.68	(0.01)	0.02	0.05	0.02	0.00	20.20	0.86240	14.10080	(0.03369)	35.12951	(0.01120)	5
6			LS-1, HPSV, Class A, Reactor Ballast																6
7	0.083	29	70	5800	0.57	10.05	0.12	0.00	0.00	0.01	0.00	0.00	10.75	0.15631	2.55577	(0.00611)	13.45597	(0.00203)	7
8	0.117	41	100	9500	0.80	10.53	0.18	0.00	0.00	0.01	0.00	0.00	11.52	0.22099	3.61333	(0.00863)	15.34569	(0.00287)	8
9	0.171	59	150	16000	1.15	10.95	0.25	0.00	0.01	0.02	0.01	0.00	12.39	0.31801	5.19967	(0.01242)	17.89526	(0.00413)	9
10			LS-1, HPSV, Class A, Regulator Ballast																10
11	0.246	85	200	22000	1.66	12.36	0.36	0.00	0.01	0.03	0.01	0.00	14.43	0.45815	7.49105	(0.01790)	22.36130	(0.00595)	11
12	0.313	109	250	30000	2.13	13.54	0.47	(0.01)	0.01	0.03	0.01	0.00	16.18	0.58751	9.60617	(0.02295)	26.35073	(0.00763)	12
13	0.476	165	400	50000	3.22	14.59	0.70	(0.01)	0.02	0.05	0.02	0.00	18.59	0.88935	14.54145	(0.03474)	33.98606	(0.01155)	13
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast																14
15	0.083	29	70	5800	0.57	10.19	0.12	0.00	0.00	0.01	0.00	0.00	10.89	0.15631	2.55577	(0.00611)	13.59597	(0.00203)	15
16	0.117	41	100	9500	0.80	10.72	0.18	0.00	0.00	0.01	0.00	0.00	11.71	0.22099	3.61333	(0.00863)	15.53569	(0.00287)	16
17	0.171	59	150	16000	1.15	11.01	0.25	0.00	0.01	0.02	0.01	0.00	12.45	0.31801	5.19967	(0.01242)	17.95526	(0.00413)	17
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast																18
19	0.246	85	200	22000	1.66	12.40	0.36	0.00	0.01	0.03	0.01	0.00	14.47	0.45815	7.49105	(0.01790)	22.40130	(0.00595)	19
20	0.313	109	250	30000	2.13	13.59	0.47	(0.01)	0.01	0.03	0.01	0.00	16.23	0.58751	9.60617	(0.02295)	26.40073	(0.00763)	20
21	0.476	165	400	50000	3.22	14.53	0.70	(0.01)	0.02	0.05	0.02	0.00	18.53	0.88935	14.54145	(0.03474)	33.92606	(0.01155)	21
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast																22
23	0.083	29	70	5800	0.57	9.04	0.12	0.00	0.00	0.01	0.00	0.00	9.74	0.15631	2.55577	(0.00611)	12.44597	(0.00203)	23
24	0.117	41	100	9500	0.80	9.54	0.18	0.00	0.00	0.01	0.00	0.00	10.53	0.22099	3.61333	(0.00863)	14.35569	(0.00287)	24
25	0.171	59	150	16000	1.15	9.94	0.25	0.00	0.01	0.02	0.01	0.00	11.38	0.31801	5.19967	(0.01242)	16.88526	(0.00413)	25
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast																26
27	0.246	85	200	22000	1.66	11.35	0.36	0.00	0.01	0.03	0.01	0.00	13.42	0.45815	7.49105	(0.01790)	21.35130	(0.00595)	27
28	0.313	109	250	30000	2.13	12.62	0.47	(0.01)	0.01	0.03	0.01	0.00	15.26	0.58751	9.60617	(0.02295)	25.43073	(0.00763)	28
29	0.476	165	400	50000	3.22	13.58	0.70	(0.01)	0.02	0.05	0.02	0.00	17.58	0.88935	14.54145	(0.03474)	32.97606	(0.01155)	29
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast																30
31	0.083	29	70	5800	0.57	14.88	0.12	0.00	0.00	0.01	0.00	0.00	15.58	0.15631	2.55577	(0.00611)	18.28597	(0.00203)	31
32	0.117	41	100	9500	0.80	15.24	0.18	0.00	0.00	0.01	0.00	0.00	16.23	0.22099	3.61333	(0.00863)	20.05569	(0.00287)	32
33	0.171	59	150	16000	1.15	15.55	0.25	0.00	0.01	0.02	0.01	0.00	16.99	0.31801	5.19967	(0.01242)	22.49526	(0.00413)	33
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast																34
35	0.246	85	200	22000	1.66	17.95	0.36	0.00	0.01	0.03	0.01	0.00	20.02	0.45815	7.49105	(0.01790)	27.95130	(0.00595)	35
36	0.313	109	250	30000	2.13	18.53	0.47	(0.01)	0.01	0.03	0.01	0.00	21.17	0.58751	9.60617	(0.02295)	31.34073	(0.00763)	36
37	0.476	165	400	50000	3.22	21.57	0.70	(0.01)	0.02	0.05	0.02	0.00	25.57	0.88935	14.54145	(0.03474)	40.96606	(0.01155)	37
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast																38
39	0.083	29	70	5800	0.57	9.91	0.12	0.00	0.00	0.01	0.00	0.00	10.61	0.15631	2.55577	(0.00611)	13.31597	(0.00203)	39
40	0.117	41	100	9500	0.80	10.21	0.18	0.00	0.00	0.01	0.00	0.00	11.20	0.22099	3.61333	(0.00863)	15.02569	(0.00287)	40
41	0.171	59	150	16000	1.15	10.92	0.25	0.00	0.01	0.02	0.01	0.00	12.36	0.31801	5.19967	(0.01242)	17.86526	(0.00413)	41
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast																42
43	0.246	85	200	22000	1.66	11.72	0.36	0.00	0.01	0.03	0.01	0.00	13.79	0.45815	7.49105	(0.01790)	21.72130	(0.00595)	43
44	0.313	109	250	30000	2.13	13.57	0.47	(0.01)	0.01	0.03	0.01	0.00	16.21	0.58751	9.60617	(0.02295)	26.38073	(0.00763)	44
45	0.476	165	400	50000	3.22	14.02	0.70	(0.01)	0.02	0.05	0.02	0.00	18.02	0.88935	14.54145	(0.03474)	33.41606	(0.01155)	45

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING					TOTAL					UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)			
46			LS-1, LPSV, Class A																	
47	0.088	31	55	8000	0.60	14.10	0.13	0.00	0.00	0.01	0.00	0.00	0.00	14.84	0.16709	2.73203	(0.00653)	17.73259	(0.00217)	46
48	0.145	50	90	13500	0.98	15.56	0.21	0.00	0.01	0.01	0.01	0.00	0.00	16.78	0.26950	4.40650	(0.01053)	21.44547	(0.00350)	47
49	0.206	71	135	22500	1.39	16.52	0.30	0.00	0.01	0.02	0.01	0.00	0.00	18.25	0.38269	6.25723	(0.01495)	24.87497	(0.00497)	48
50	0.235	82	180	33000	1.60	18.70	0.35	0.00	0.01	0.02	0.01	0.00	0.00	20.69	0.44198	7.22666	(0.01727)	28.34137	(0.00574)	49
51			LS-1, LPSV, Class B, 1-Lamp																	
52	0.088	31	55	8000	0.60	14.27	0.13	0.00	0.00	0.01	0.00	0.00	0.00	15.01	0.16709	2.73203	(0.00653)	17.90259	(0.00217)	50
53	0.145	50	90	13500	0.98	15.73	0.21	0.00	0.01	0.01	0.01	0.00	0.00	16.95	0.26950	4.40650	(0.01053)	21.61547	(0.00350)	51
54	0.206	71	135	22500	1.39	16.66	0.30	0.00	0.01	0.02	0.01	0.00	0.00	18.39	0.38269	6.25723	(0.01495)	25.01497	(0.00497)	52
55	0.235	82	180	33000	1.60	18.83	0.35	0.00	0.01	0.02	0.01	0.00	0.00	20.82	0.44198	7.22666	(0.01727)	28.47137	(0.00574)	53
56			LS-1, LPSV, Class B, 2-Lamp																	
57	0.088	31	55	8000	0.60	13.63	0.13	0.00	0.00	0.01	0.00	0.00	0.00	14.37	0.16709	2.73203	(0.00653)	17.26259	(0.00217)	54
58	0.145	50	90	13500	0.98	15.09	0.21	0.00	0.01	0.01	0.01	0.00	0.00	16.31	0.26950	4.40650	(0.01053)	20.97547	(0.00350)	55
59	0.206	71	135	22500	1.39	16.25	0.30	0.00	0.01	0.02	0.01	0.00	0.00	17.98	0.38269	6.25723	(0.01495)	24.60497	(0.00497)	56
60	0.235	82	180	33000	1.60	18.42	0.35	0.00	0.01	0.02	0.01	0.00	0.00	20.41	0.44198	7.22666	(0.01727)	28.06137	(0.00574)	57
61			LS-1, LPSV, Class C, 1-Lamp																	
62	0.088	31	55	8000	0.60	17.35	0.13	0.00	0.00	0.01	0.00	0.00	0.00	18.09	0.16709	2.73203	(0.00653)	20.98259	(0.00217)	58
63	0.145	50	90	13500	0.98	18.14	0.21	0.00	0.01	0.01	0.01	0.00	0.00	19.36	0.26950	4.40650	(0.01053)	24.02547	(0.00350)	59
64	0.206	71	135	22500	1.39	20.36	0.30	0.00	0.01	0.02	0.01	0.00	0.00	22.09	0.38269	6.25723	(0.01495)	28.71497	(0.00497)	60
65	0.235	82	180	33000	1.60	21.10	0.35	0.00	0.01	0.02	0.01	0.00	0.00	23.09	0.44198	7.22666	(0.01727)	30.74137	(0.00574)	61
66			LS-1, LPSV, Class C, 2-Lamp																	
67	0.088	31	55	8000	0.60	13.73	0.13	0.00	0.00	0.01	0.00	0.00	0.00	14.47	0.16709	2.73203	(0.00653)	17.36259	(0.00217)	62
68	0.145	50	90	13500	0.98	15.22	0.21	0.00	0.01	0.01	0.01	0.00	0.00	16.44	0.26950	4.40650	(0.01053)	21.10547	(0.00350)	63
69	0.206	71	135	22500	1.39	16.58	0.30	0.00	0.01	0.02	0.01	0.00	0.00	18.31	0.38269	6.25723	(0.01495)	24.93497	(0.00497)	64
70	0.235	82	180	33000	1.60	18.49	0.35	0.00	0.01	0.02	0.01	0.00	0.00	20.48	0.44198	7.22666	(0.01727)	28.13137	(0.00574)	65
71			LS-1, Metal Halide, Class A																	
72	0.132	46	100	8500	0.90	8.49	0.20	0.00	0.01	0.01	0.00	0.00	0.00	9.61	0.24794	4.05398	(0.00969)	13.90223	(0.00322)	66
73	0.207	72	175	12000	1.40	9.10	0.31	0.00	0.01	0.02	0.01	0.00	0.00	10.85	0.38808	6.34536	(0.01516)	17.56828	(0.00504)	67
74	0.288	100	250	18000	1.95	9.86	0.43	(0.01)	0.01	0.03	0.01	0.00	0.00	12.28	0.53900	8.81300	(0.02106)	21.61094	(0.00700)	68
75	0.444	154	400	32000	3.00	11.70	0.66	(0.01)	0.02	0.05	0.02	0.00	0.00	15.44	0.83006	13.57202	(0.03243)	29.80965	(0.01078)	69
76			LS-1, Metal Halide, Class B																	
77	0.132	46	100	8500	0.90	8.94	0.20	0.00	0.01	0.01	0.00	0.00	0.00	10.06	0.24794	4.05398	(0.00969)	14.35223	(0.00322)	70
78	0.207	72	175	12000	1.40	9.56	0.31	0.00	0.01	0.02	0.01	0.00	0.00	11.31	0.38808	6.34536	(0.01516)	18.02828	(0.00504)	71
79	0.288	100	250	18000	1.95	10.31	0.43	(0.01)	0.01	0.03	0.01	0.00	0.00	12.73	0.53900	8.81300	(0.02106)	22.06094	(0.00700)	72
80	0.444	154	400	32000	3.00	12.15	0.66	(0.01)	0.02	0.05	0.02	0.00	0.00	15.89	0.83006	13.57202	(0.03243)	30.25965	(0.01078)	73
81			LS-1, Metal Halide, Class C																	
82	0.132	46	100	8500	0.90	20.72	0.20	0.00	0.01	0.01	0.00	0.00	0.00	21.84	0.24794	4.05398	(0.00969)	26.13223	(0.00322)	74
83	0.207	72	175	12000	1.40	21.34	0.31	0.00	0.01	0.02	0.01	0.00	0.00	23.09	0.38808	6.34536	(0.01516)	29.80828	(0.00504)	75
84	0.288	100	250	18000	1.95	22.09	0.43	(0.01)	0.01	0.03	0.01	0.00	0.00	24.51	0.53900	8.81300	(0.02106)	33.84094	(0.00700)	76
85	0.444	154	400	32000	3.00	23.93	0.66	(0.01)	0.02	0.05	0.02	0.00	0.00	27.67	0.83006	13.57202	(0.03243)	42.03965	(0.01078)	77
86			LS-1 Pole in Non-Standard Position																	
87			30-foot			8.26								8.26					8.26	
88			35-foot			8.63								8.63					8.63	
89			LS-2, Mercury Vapor, Rate A, Regulator Ballast																	
90	0.210	73	175	7000	1.42	3.23	0.31	0.00	0.01	0.02	0.01	0.00	0.00	5.00	0.39347	6.43349	(0.01537)	11.81159	(0.00511)	78
91	0.292	101	250	10000	1.97	3.90	0.43	(0.01)	0.01	0.03	0.01	0.00	0.00	6.34	0.54439	8.90113	(0.02127)	15.76425	(0.00700)	79
92	0.460	160	400	20000	3.12	5.28	0.68	(0.01)	0.02	0.05	0.02	0.00	0.00	9.16	0.86240	14.10080	(0.03369)	24.08951	(0.01120)	80
93	0.780	271	700	35000	5.29	7.90	1.16	(0.01)	0.03	0.08	0.03	0.00	0.00	14.48	1.46069	23.88323	(0.05706)	39.76686	(0.01897)	81
94	1.102	382	1000	55000	7.45	10.54	1.63	(0.02)	0.05	0.11	0.04	0.00	0.00	19.80	2.05898	33.66566	(0.08043)	55.44421	(0.02674)	82

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
95			LS-2, Mercury Vapor, Rate A, Reactor Ballast																95
96	0.192	67	175	7000	1.31	3.08	0.29	0.00	0.01	0.02	0.01	0.00	4.72	0.36113	5.90471	(0.01411)	10.97173	(0.00469)	96
97			LS-2, Mercury Vapor, Rate A, Series Service																97
98	0.207	72	175	7000	1.40	4.09	0.31	0.00	0.01	0.02	0.01	0.00	5.84	0.38808	6.34536	(0.01516)	12.55828	(0.00504)	98
99	0.250	87	250	10000	1.70	4.44	0.37	0.00	0.01	0.03	0.01	0.00	6.56	0.46893	7.66731	(0.01832)	14.67792	(0.00609)	99
100	0.445	154	400	20000	3.00	6.03	0.66	(0.01)	0.02	0.05	0.02	0.00	9.77	0.83006	13.57202	(0.03243)	24.13965	(0.01078)	100
101	0.780	271	700	35000	5.29	8.78	1.16	(0.01)	0.03	0.08	0.03	0.00	15.36	1.46069	23.88323	(0.05706)	40.64686	(0.01897)	101
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast																102
103	0.210	73	175	7000	1.42	4.72	0.31	0.00	0.01	0.02	0.01	0.00	6.49	0.39347	6.43349	(0.01537)	13.30159	(0.00511)	103
104	0.292	101	250	10000	1.97	5.39	0.43	(0.01)	0.01	0.03	0.01	0.00	7.83	0.54439	8.90113	(0.02127)	17.25425	(0.00707)	104
105	0.460	160	400	20000	3.12	6.77	0.68	(0.01)	0.02	0.05	0.02	0.00	10.65	0.86240	14.10080	(0.03369)	25.57951	(0.01120)	105
106			LS-2, Mercury Vapor, Rate B, Series Service																106
107	0.207	72	175	7000	1.40	5.57	0.31	0.00	0.01	0.02	0.01	0.00	7.32	0.38808	6.34536	(0.01516)	14.03828		107
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast																108
109	0.058	20	50	4000	0.39	1.98	0.09	0.00	0.00	0.01	0.00	0.00	2.47	0.10780	1.76260	(0.00421)	4.33619	(0.00140)	109
110	0.101	35	70	5800	0.68	2.34	0.15	0.00	0.00	0.01	0.00	0.00	3.18	0.18865	3.08455	(0.00737)	6.44583	(0.00245)	110
111	0.141	49	100	9500	0.96	2.66	0.21	0.00	0.01	0.01	0.00	0.00	3.85	0.26411	4.31837	(0.01032)	8.42216	(0.00343)	111
112	0.193	67	150	16000	1.31	3.09	0.29	0.00	0.01	0.02	0.01	0.00	4.73	0.36113	5.90471	(0.01411)	10.98173	(0.00469)	112
113	0.246	85	200	22000	1.66	3.52	0.36	0.00	0.01	0.03	0.01	0.00	5.59	0.45815	7.49105	(0.01790)	13.52130	(0.00595)	113
114	0.313	109	250	30000	2.13	4.07	0.47	(0.01)	0.01	0.03	0.01	0.00	6.71	0.58751	9.60617	(0.02295)	16.88073	(0.00763)	114
115	0.383	133	310	37000	2.59	4.65	0.57	(0.01)	0.02	0.04	0.01	0.00	7.87	0.71687	11.72129	(0.02800)	20.28016	(0.00931)	115
116	0.476	165	400	50000	3.22	5.41	0.70	(0.01)	0.02	0.05	0.02	0.00	9.41	0.88935	14.54145	(0.03474)	24.80606	(0.01155)	116
117	1.102	382	1000	140000	7.45	10.54	1.63	(0.02)	0.05	0.11	0.04	0.00	19.80	2.05898	33.66566	(0.08043)	55.44421	(0.02674)	117
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast																118
119	0.050	17	50	4000	0.33	1.92	0.07	0.00	0.00	0.01	0.00	0.00	2.33	0.09163	1.49821	(0.00358)	3.91626	(0.00119)	119
120	0.083	29	70	5800	0.57	2.19	0.12	0.00	0.00	0.01	0.00	0.00	2.89	0.15631	2.55577	(0.00611)	5.59597	(0.00203)	120
121	0.117	41	100	9500	0.80	2.47	0.18	0.00	0.00	0.01	0.00	0.00	3.46	0.22099	3.61333	(0.00863)	7.28569	(0.00287)	121
122	0.171	59	150	16000	1.15	2.91	0.25	0.00	0.01	0.02	0.01	0.00	4.35	0.31801	5.19967	(0.01242)	9.85526	(0.00413)	122
123			LS-2, HPSV, Rate A, Series Service																123
124	0.064	22	50	4000	0.43	2.91	0.09	0.00	0.00	0.01	0.00	0.00	3.44	0.11858	1.93886	(0.00463)	5.49281	(0.00154)	124
125	0.108	37	70	5800	0.72	3.27	0.16	0.00	0.00	0.01	0.00	0.00	4.16	0.19943	3.26081	(0.00779)	7.61245	(0.00259)	125
126	0.121	42	100	9500	0.82	3.38	0.18	0.00	0.01	0.01	0.00	0.00	4.40	0.22638	3.70146	(0.00884)	8.31900	(0.00294)	126
127	0.174	60	150	16000	1.17	3.81	0.26	0.00	0.01	0.02	0.01	0.00	5.28	0.32340	5.28780	(0.01263)	10.87857	(0.00420)	127
128	0.233	81	200	22000	1.58	4.30	0.35	0.00	0.01	0.02	0.01	0.00	6.27	0.43659	7.13853	(0.01706)	13.82806	(0.00567)	128
129	0.313	109	250	30,000	2.13	4.95	0.47	(0.01)	0.01	0.03	0.01	0.00	7.59	0.58751	9.60617	(0.02295)	17.76073	(0.00763)	129
130			LS-2, HPSV, Rate B, Regulator Ballast																130
131	0.058	20	50	4000	0.39	3.47	0.09	0.00	0.00	0.01	0.00	0.00	3.96	0.10780	1.76260	(0.00421)	5.82619	(0.00140)	131
132	0.101	35	70	5800	0.68	3.82	0.15	0.00	0.00	0.01	0.00	0.00	4.66	0.18865	3.08455	(0.00737)	7.92583	(0.00245)	132
133	0.141	49	100	9500	0.96	4.15	0.21	0.00	0.01	0.01	0.00	0.00	5.34	0.26411	4.31837	(0.01032)	9.91216	(0.00343)	133
134	0.193	67	150	16000	1.31	4.58	0.29	0.00	0.01	0.02	0.01	0.00	6.22	0.36113	5.90471	(0.01411)	12.47173	(0.00469)	134
135	0.246	85	200	22000	1.66	5.01	0.36	0.00	0.01	0.03	0.01	0.00	7.08	0.45815	7.49105	(0.01790)	15.01130	(0.00595)	135
136	0.313	109	250	30000	2.13	5.56	0.47	(0.01)	0.01	0.03	0.01	0.00	8.20	0.58751	9.60617	(0.02295)	18.37073	(0.00763)	136
137	0.383	133	310	37000	2.59	6.14	0.57	(0.01)	0.02	0.04	0.01	0.00	9.36	0.71687	11.72129	(0.02800)	21.77016	(0.00931)	137
138	0.476	165	400	50000	3.22	6.90	0.70	(0.01)	0.02	0.05	0.02	0.00	10.90	0.88935	14.54145	(0.03474)	26.29606	(0.01155)	138
139	1.102	382	1000	140000	7.45	12.02	1.63	(0.02)	0.05	0.11	0.04	0.00	21.28	2.05898	33.66566	(0.08043)	56.92421	(0.02674)	139



REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING					TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)			
140			LS-2, HPSV, Rate B, Reactor Ballast																	140
141	0.050	17	50	4000	0.33	3.41	0.07	0.00	0.00	0.01	0.00	0.00	3.82	0.09163	1.49821	(0.00358)	5.40626	(0.00119)	141	
142	0.083	29	70	5800	0.57	3.68	0.12	0.00	0.00	0.01	0.00	0.00	4.38	0.15631	2.55577	(0.00611)	7.08597	(0.00203)	142	
143	0.117	41	100	9500	0.80	3.96	0.18	0.00	0.00	0.01	0.00	0.00	4.95	0.22099	3.61333	(0.00863)	8.77569	(0.00287)	143	
144	0.171	59	150	16000	1.15	4.40	0.25	0.00	0.01	0.02	0.01	0.00	5.84	0.31801	5.19967	(0.01242)	11.34526	(0.00413)	144	
145			LS-2, HPSV, Rate B, Series Service																	145
146	0.064	22	50	4000	0.43	4.40	0.09	0.00	0.00	0.01	0.00	0.00	4.93	0.11858	1.93886	(0.00463)	6.98281	(0.00154)	146	
147	0.108	37	70	5800	0.72	4.76	0.16	0.00	0.00	0.01	0.00	0.00	5.65	0.19943	3.26081	(0.00779)	9.10245	(0.00259)	147	
148	0.121	42	100	9500	0.82	4.87	0.18	0.00	0.01	0.01	0.00	0.00	5.89	0.22638	3.70146	(0.00884)	9.80900	(0.00294)	148	
149	0.174	60	150	16000	1.17	5.30	0.26	0.00	0.01	0.02	0.01	0.00	6.77	0.32340	5.28780	(0.01263)	12.36857	(0.00420)	149	
150	0.233	81	200	22000	1.58	5.79	0.35	0.00	0.01	0.02	0.01	0.00	7.76	0.43659	7.13853	(0.01706)	15.31806	(0.00567)	150	
151	0.313	109	250	30,000	2.13	6.44	0.47	(0.01)	0.01	0.03	0.01	0.00	9.08	0.58751	9.60617	(0.02295)	19.25073	(0.00763)	151	
152			LS-2, LPSV, Rate A																	152
153	0.067	23	35	4800	0.45	2.06	0.10	0.00	0.00	0.01	0.00	0.00	2.62	0.12397	2.02699	(0.00484)	4.76612	(0.00161)	153	
154	0.088	31	55	8000	0.60	2.23	0.13	0.00	0.00	0.01	0.00	0.00	2.97	0.16709	2.73203	(0.00653)	5.86259	(0.00217)	154	
155	0.145	50	90	13500	0.98	2.70	0.21	0.00	0.01	0.01	0.01	0.00	3.92	0.26950	4.40650	(0.01053)	8.58547	(0.00350)	155	
156	0.206	71	135	22500	1.39	3.20	0.30	0.00	0.01	0.02	0.01	0.00	4.93	0.38269	6.25723	(0.01495)	11.55497	(0.00497)	156	
157	0.235	82	180	33000	1.60	3.43	0.35	0.00	0.01	0.02	0.01	0.00	5.42	0.44198	7.22666	(0.01727)	13.07137	(0.00574)	157	
158			LS-2, LPSV, Rate A, Series Service																	158
159	0.050	17	35	4800	0.33	2.80	0.07	0.00	0.00	0.01	0.00	0.00	3.21	0.09163	1.49821	(0.00358)	4.79626	(0.00119)	159	
160	0.072	25	55	8000	0.49	2.98	0.11	0.00	0.00	0.01	0.00	0.00	3.59	0.13475	2.20325	(0.00526)	5.92274	(0.00175)	160	
161	0.130	45	90	13500	0.88	3.45	0.19	0.00	0.01	0.01	0.00	0.00	4.54	0.24255	3.96585	(0.00948)	8.73892	(0.00315)	161	
162	0.185	64	135	22500	1.25	3.91	0.27	0.00	0.01	0.02	0.01	0.00	5.47	0.34496	5.64032	(0.01348)	11.44180	(0.00448)	162	
163	0.219	76	180	33000	1.48	4.18	0.32	0.00	0.01	0.02	0.01	0.00	6.02	0.40964	6.69788	(0.01600)	13.11152	(0.00532)	163	
164			LS-2, Incandescent Lamps, Rate A, Energy Only																	164
165	0.073	25	1,000		0.49	2.11	0.11	0.00	0.00	0.01	0.00	0.00	2.72	0.13475	2.20325	(0.00526)	5.05274	(0.00175)	165	
166	0.162	56	2,500		1.09	2.84	0.24	0.00	0.01	0.02	0.01	0.00	4.21	0.30184	4.93528	(0.01179)	9.43533	(0.00392)	166	
167	0.295	102	4,000		1.99	3.93	0.44	(0.01)	0.01	0.03	0.01	0.00	6.40	0.54978	8.98926	(0.02148)	15.91756	(0.00714)	167	
168	0.405	141	6,000		2.75	4.83	0.60	(0.01)	0.02	0.04	0.01	0.00	8.24	0.75999	12.42633	(0.02969)	21.39663	(0.00987)	168	
169	0.608	211	10,000		4.12	6.49	0.90	(0.01)	0.03	0.06	0.02	0.00	11.61	1.13729	18.59543	(0.04443)	31.29829	(0.01477)	169	
170			LS-2, Incandescent Lamps, Rate B																	170
171	0.405	141	6,000		2.75	6.32	0.60	(0.01)	0.02	0.04	0.01	0.00	9.73	0.75999	12.42633	(0.02969)	22.88663	(0.00987)	171	
172			LS-2, Metal Halide, Rate A																	172
173	0.068	24	50	2100	0.47	2.07	0.10	0.00	0.00	0.01	0.00	0.00	2.65	0.12936	2.11512	(0.00505)	4.88943	(0.00168)	173	
174	0.132	46	100	8500	0.90	2.59	0.20	0.00	0.01	0.01	0.00	0.00	3.71	0.24794	4.05398	(0.00969)	8.00223	(0.00322)	174	
175	0.207	72	175	12000	1.40	3.21	0.31	0.00	0.01	0.02	0.01	0.00	4.96	0.38808	6.34536	(0.01516)	11.67828	(0.00504)	175	
176	0.288	100	250	18000	1.95	3.87	0.43	(0.01)	0.01	0.03	0.01	0.00	6.29	0.53900	8.81300	(0.02106)	15.62094	(0.00700)	176	
177	0.444	154	400	32000	3.00	5.15	0.66	(0.01)	0.02	0.05	0.02	0.00	8.89	0.83006	13.57202	(0.03243)	23.25965	(0.01078)	177	
178			LS-2, Metal Halide, Rate B																	178
179	0.068	24	50	2100	0.47	3.55	0.10	0.00	0.00	0.01	0.00	0.00	4.13	0.12936	2.11512	(0.00505)	6.36943	(0.00168)	179	
180	0.132	46	100	8500	0.90	4.08	0.20	0.00	0.01	0.01	0.00	0.00	5.20	0.24794	4.05398	(0.00969)	9.49223	(0.00322)	180	
181	0.207	72	175	12000	1.40	4.69	0.31	0.00	0.01	0.02	0.01	0.00	6.44	0.38808	6.34536	(0.01516)	13.15828	(0.00504)	181	
182	0.288	100	250	18000	1.95	5.36	0.43	(0.01)	0.01	0.03	0.01	0.00	7.78	0.53900	8.81300	(0.02106)	17.11094	(0.00700)	182	
183	0.444	154	400	32000	3.00	6.63	0.66	(0.01)	0.02	0.05	0.02	0.00	10.37	0.83006	13.57202	(0.03243)	24.73965	(0.01078)	183	
184			LS-2, Induction, Rate A, Five-Lamp																	184
185	0.275	95	55	3500	1.85	3.76	0.41	0.00	0.01	0.03	0.01	0.00	6.07	0.51205	8.37235	(0.02000)	14.93440	(0.00665)	185	
186	0.435	151	87	6000	2.95	5.07	0.64	(0.01)	0.02	0.05	0.02	0.00	8.74	0.81389	13.30763	(0.03179)	22.82973	(0.01057)	186	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING					TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)	TOTAL RATE (\$/Lamp) (O)			
187			LS-2, Induction, Rate A, Single-Lamp																	187
188	0.040	14	40		0.27	1.84	0.06	0.00	0.00	0.00	0.00	0.00	2.17	0.07546	1.23382	(0.00295)	3.47633	(0.00098)	188	
189	0.050	17	50		0.33	1.92	0.07	0.00	0.00	0.01	0.00	0.00	2.33	0.09163	1.49821	(0.00358)	3.91626	(0.00119)	189	
190	0.055	19	55		0.37	1.96	0.08	0.00	0.00	0.01	0.00	0.00	2.42	0.10241	1.67447	(0.00400)	4.19288	(0.00133)	190	
191	0.070	24	70		0.47	2.08	0.10	0.00	0.00	0.01	0.00	0.00	2.66	0.12936	2.11512	(0.00505)	4.89943	(0.00168)	191	
192	0.080	28	80		0.55	2.17	0.12	0.00	0.00	0.01	0.00	0.00	2.85	0.15092	2.46764	(0.00590)	5.46266	(0.00196)	192	
193	0.085	30	85		0.59	2.21	0.13	0.00	0.00	0.01	0.00	0.00	2.94	0.16170	2.64390	(0.00632)	5.73928	(0.00210)	193	
194	0.100	35	100		0.68	2.33	0.15	0.00	0.00	0.01	0.00	0.00	3.17	0.18865	3.08455	(0.00737)	6.43583	(0.00245)	194	
195	0.150	52	150		1.01	2.74	0.22	0.00	0.01	0.02	0.01	0.00	4.01	0.28028	4.58276	(0.01095)	8.86209	(0.00364)	195	
196	0.165	57	165		1.11	2.86	0.24	0.00	0.01	0.02	0.01	0.00	4.25	0.30723	5.02341	(0.01200)	9.56864	(0.00399)	196	
197	0.200	69	200		1.35	3.15	0.29	0.00	0.01	0.02	0.01	0.00	4.83	0.37191	6.08097	(0.01453)	11.26835	(0.00483)	197	
198	0.250	87	250		1.70	3.56	0.37	0.00	0.01	0.03	0.01	0.00	5.68	0.46893	7.66731	(0.01832)	13.79792	(0.00609)	198	
199	0.300	104	300		2.03	3.97	0.44	(0.01)	0.01	0.03	0.01	0.00	6.48	0.56056	9.16552	(0.02190)	16.18418	(0.00728)	199	
200	0.400	139	400		2.71	4.79	0.59	(0.01)	0.02	0.04	0.01	0.00	8.15	0.74921	12.25007	(0.02927)	21.12001	(0.00973)	200	
201			LS-2, LED, Rate A, Energy, 1-Lamp																	
202	0.0025	1	2.5		0.02	1.53	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00539	0.08813	(0.00021)	1.64331	(0.00007)	202	
203	0.0075	3	7.5		0.06	1.57	0.01	0.00	0.00	0.00	0.00	0.00	1.64	0.01617	0.26439	(0.00063)	1.91993	(0.00021)	203	
204	0.0125	4	12.5		0.08	1.61	0.02	0.00	0.00	0.00	0.00	0.00	1.71	0.02156	0.35252	(0.00084)	2.08324	(0.00028)	204	
205	0.0175	6	17.5		0.12	1.65	0.03	0.00	0.00	0.00	0.00	0.00	1.80	0.03234	0.52878	(0.00126)	2.35986	(0.00042)	205	
206	0.0225	8	22.5		0.16	1.69	0.03	0.00	0.00	0.00	0.00	0.00	1.88	0.04312	0.70504	(0.00168)	2.62648	(0.00056)	206	
207	0.0275	10	27.5		0.20	1.74	0.04	0.00	0.00	0.00	0.00	0.00	1.98	0.05390	0.88130	(0.00211)	2.91309	(0.00070)	207	
208	0.0325	11	32.5		0.21	1.78	0.05	0.00	0.00	0.00	0.00	0.00	2.04	0.05929	0.96943	(0.00232)	3.06640	(0.00077)	208	
209	0.0375	13	37.5		0.25	1.82	0.06	0.00	0.00	0.00	0.00	0.00	2.13	0.07007	1.14569	(0.00274)	3.34302	(0.00091)	209	
210	0.0425	15	42.5		0.29	1.86	0.06	0.00	0.00	0.00	0.00	0.00	2.21	0.08085	1.32195	(0.00316)	3.60964	(0.00105)	210	
211	0.0475	16	47.5		0.31	1.90	0.07	0.00	0.00	0.00	0.00	0.00	2.28	0.08624	1.41008	(0.00337)	3.77295	(0.00112)	211	
212	0.0525	18	52.5		0.35	1.94	0.08	0.00	0.00	0.01	0.00	0.00	2.38	0.09702	1.58634	(0.00379)	4.05957	(0.00126)	212	
213	0.0575	20	57.5		0.39	1.98	0.09	0.00	0.00	0.01	0.00	0.00	2.47	0.10780	1.76260	(0.00421)	4.33619	(0.00140)	213	
214	0.0625	22	62.5		0.43	2.02	0.09	0.00	0.00	0.01	0.00	0.00	2.55	0.11858	1.93886	(0.00463)	4.60281	(0.00154)	214	
215	0.0675	23	67.5		0.45	2.06	0.10	0.00	0.00	0.01	0.00	0.00	2.62	0.12397	2.02699	(0.00484)	4.76612	(0.00161)	215	
216	0.0725	25	72.5		0.49	2.10	0.11	0.00	0.00	0.01	0.00	0.00	2.71	0.13475	2.20325	(0.00526)	5.04274	(0.00175)	216	
217	0.0775	27	77.5		0.53	2.14	0.12	0.00	0.00	0.01	0.00	0.00	2.80	0.14553	2.37951	(0.00569)	5.31935	(0.00189)	217	
218	0.0825	29	82.5		0.57	2.19	0.12	0.00	0.00	0.01	0.00	0.00	2.89	0.15631	2.55577	(0.00611)	5.59597	(0.00203)	218	
219	0.0875	30	87.5		0.59	2.23	0.13	0.00	0.00	0.01	0.00	0.00	2.96	0.16170	2.64390	(0.00632)	5.75928	(0.00210)	219	
220	0.0925	32	92.5		0.62	2.27	0.14	0.00	0.00	0.01	0.00	0.00	3.04	0.17248	2.82016	(0.00674)	6.02590	(0.00224)	220	
221	0.0975	34	97.5		0.66	2.31	0.15	0.00	0.00	0.01	0.00	0.00	3.13	0.18326	2.99642	(0.00716)	6.30252	(0.00238)	221	
222	0.1025	36	102.5		0.70	2.35	0.15	0.00	0.00	0.01	0.00	0.00	3.21	0.19404	3.17268	(0.00758)	6.56914	(0.00252)	222	
223	0.1075	37	107.5		0.72	2.39	0.16	0.00	0.00	0.01	0.00	0.00	3.28	0.19943	3.26081	(0.00779)	6.73245	(0.00259)	223	
224	0.1125	39	112.5		0.76	2.43	0.17	0.00	0.00	0.01	0.00	0.00	3.37	0.21021	3.43707	(0.00821)	7.00907	(0.00273)	224	
225	0.1175	41	117.5		0.80	2.47	0.18	0.00	0.00	0.01	0.00	0.00	3.46	0.22099	3.61333	(0.00863)	7.28569	(0.00287)	225	
226	0.1225	43	122.5		0.84	2.51	0.18	0.00	0.01	0.01	0.00	0.00	3.55	0.23177	3.78959	(0.00905)	7.56231	(0.00301)	226	
227	0.1275	44	127.5		0.86	2.55	0.19	0.00	0.01	0.01	0.00	0.00	3.62	0.23716	3.87772	(0.00926)	7.72562	(0.00308)	227	
228	0.1325	46	132.5		0.90	2.60	0.20	0.00	0.01	0.01	0.00	0.00	3.72	0.24794	4.05398	(0.00969)	8.01223	(0.00322)	228	
229	0.1375	48	137.5		0.94	2.64	0.20	0.00	0.01	0.01	0.00	0.00	3.80	0.25872	4.23024	(0.01011)	8.27885	(0.00336)	229	
230	0.1425	49	142.5		0.96	2.68	0.21	0.00	0.01	0.01	0.00	0.00	3.87	0.26411	4.31837	(0.01032)	8.44216	(0.00343)	230	
231	0.1475	51	147.5		1.00	2.72	0.22	0.00	0.01	0.02	0.01	0.00	3.98	0.27489	4.49463	(0.01074)	8.73878	(0.00357)	231	
232	0.1525	53	152.5		1.03	2.76	0.23	0.00	0.01	0.02	0.01	0.00	4.06	0.28567	4.67089	(0.01116)	9.00540	(0.00371)	232	
233	0.1575	55	157.5		1.07	2.80	0.23	0.00	0.01	0.02	0.01	0.00	4.14	0.29645	4.84715	(0.01158)	9.27202	(0.00385)	233	
234	0.1625	56	162.5		1.09	2.84	0.24	0.00	0.01	0.02	0.01	0.00	4.21	0.30184	4.93528	(0.01179)	9.43533	(0.00392)	234	
235	0.1675	58	167.5		1.13	2.88	0.25	0.00	0.01	0.02	0.01	0.00	4.30	0.31262	5.11154	(0.01221)	9.71195	(0.00406)	235	

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ONGOING										TOTAL					UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.
			WATTS (A)	LUMENS (B)	TRANS RATE	DIST RATE	PPP RATE	ND RATE	CTC RATE	LGC RATE	RS RATE	TRAC RATE	UDC RATE	DWR-BC RATE	EECC RATE	DWR CREDIT	TOTAL RATE				
					(\$/Lamp) (C)	(\$/Lamp) (D)	(\$/Lamp) (E)	(\$/Lamp) (F)	(\$/Lamp) (G)	(\$/Lamp) (H)	(\$/Lamp) (I)	(\$/Lamp) (J)	(\$/Lamp) (K)	(\$/Lamp) (L)	(\$/Lamp) (M)	(\$/Lamp) (N)	(\$/Lamp) (O)				
236	0.1725	60	172.5		1.17	2.92	0.26	0.00	0.01	0.02	0.01	0.00	4.39	0.32340	5.28780	(0.01263)	9.98857	(0.00420)	236		
237	0.1775	62	177.5		1.21	2.96	0.26	0.00	0.01	0.02	0.01	0.00	4.47	0.33418	5.46406	(0.01305)	10.25519	(0.00434)	237		
238	0.1825	63	182.5		1.23	3.00	0.27	0.00	0.01	0.02	0.01	0.00	4.54	0.33957	5.55219	(0.01327)	10.41849	(0.00441)	238		
239	0.1875	65	187.5		1.27	3.05	0.28	0.00	0.01	0.02	0.01	0.00	4.64	0.35035	5.72845	(0.01369)	10.70511	(0.00455)	239		
240	0.1925	67	192.5		1.31	3.09	0.29	0.00	0.01	0.02	0.01	0.00	4.73	0.36113	5.90471	(0.01411)	10.98173	(0.00469)	240		
241	0.1975	69	197.5		1.35	3.13	0.29	0.00	0.01	0.02	0.01	0.00	4.81	0.37191	6.08097	(0.01453)	11.24835	(0.00483)	241		
242	0.2025	70	202.5		1.37	3.17	0.30	0.00	0.01	0.02	0.01	0.00	4.88	0.37730	6.16910	(0.01474)	11.41166	(0.00490)	242		
243	0.2075	72	207.5		1.40	3.21	0.31	0.00	0.01	0.02	0.01	0.00	4.96	0.38808	6.34536	(0.01516)	11.67828	(0.00504)	243		
244	0.2125	74	212.5		1.44	3.25	0.32	0.00	0.01	0.02	0.01	0.00	5.05	0.39886	6.52162	(0.01558)	11.95490	(0.00518)	244		
245	0.2175	75	217.5		1.46	3.29	0.32	0.00	0.01	0.02	0.01	0.00	5.11	0.40425	6.60975	(0.01579)	12.10821	(0.00525)	245		
246	0.2225	77	222.5		1.50	3.33	0.33	0.00	0.01	0.02	0.01	0.00	5.20	0.41503	6.78601	(0.01621)	12.38483	(0.00539)	246		
247	0.2275	79	227.5		1.54	3.37	0.34	0.00	0.01	0.02	0.01	0.00	5.29	0.42581	6.96227	(0.01663)	12.66145	(0.00553)	247		
248	0.2325	81	232.5		1.58	3.41	0.35	0.00	0.01	0.02	0.01	0.00	5.38	0.43659	7.13853	(0.01706)	12.93806	(0.00567)	248		
249	0.2375	82	237.5		1.60	3.46	0.35	0.00	0.01	0.02	0.01	0.00	5.45	0.44198	7.22666	(0.01727)	13.10137	(0.00574)	249		
250	0.2425	84	242.5		1.64	3.50	0.36	0.00	0.01	0.03	0.01	0.00	5.55	0.45276	7.40292	(0.01769)	13.38799	(0.00588)	250		
251	0.2475	86	247.5		1.68	3.54	0.37	0.00	0.01	0.03	0.01	0.00	5.64	0.46354	7.57918	(0.01811)	13.66461	(0.00602)	251		
252	0.2525	88	252.5		1.72	3.58	0.38	0.00	0.01	0.03	0.01	0.00	5.73	0.47432	7.75544	(0.01853)	13.94123	(0.00616)	252		
253	0.2575	89	257.5		1.74	3.62	0.38	0.00	0.01	0.03	0.01	0.00	5.79	0.47971	7.84357	(0.01874)	14.09454	(0.00623)	253		
254	0.2625	91	262.5		1.78	3.66	0.39	0.00	0.01	0.03	0.01	0.00	5.88	0.49049	8.01983	(0.01916)	14.37116	(0.00637)	254		
255	0.2675	93	267.5		1.81	3.70	0.40	0.00	0.01	0.03	0.01	0.00	5.96	0.50127	8.19609	(0.01958)	14.63778	(0.00651)	255		
256	0.2725	95	272.5		1.85	3.74	0.41	0.00	0.01	0.03	0.01	0.00	6.05	0.51205	8.37235	(0.02000)	14.91440	(0.00665)	256		
257	0.2775	96	277.5		1.87	3.78	0.41	0.00	0.01	0.03	0.01	0.00	6.11	0.51744	8.46048	(0.02021)	15.06771	(0.00672)	257		
258	0.2825	98	282.5		1.91	3.82	0.42	0.00	0.01	0.03	0.01	0.00	6.20	0.52822	8.63674	(0.02063)	15.34433	(0.00686)	258		
259	0.2875	100	287.5		1.95	3.86	0.43	(0.01)	0.01	0.03	0.01	0.00	6.28	0.53900	8.81300	(0.02106)	15.61094	(0.00700)	259		
260	0.2925	102	292.5		1.99	3.91	0.44	(0.01)	0.01	0.03	0.01	0.00	6.38	0.54978	8.98926	(0.02148)	15.89756	(0.00714)	260		
261	0.2975	103	297.5		2.01	3.95	0.44	(0.01)	0.01	0.03	0.01	0.00	6.44	0.55517	9.07739	(0.02169)	16.05087	(0.00721)	261		
262	0.3025	105	302.5		2.05	3.99	0.45	(0.01)	0.01	0.03	0.01	0.00	6.53	0.56595	9.25365	(0.02211)	16.32749	(0.00735)	262		
263	0.3075	107	307.5		2.09	4.03	0.46	(0.01)	0.01	0.03	0.01	0.00	6.62	0.57673	9.42991	(0.02253)	16.60411	(0.00749)	263		
264	0.3125	108	312.5		2.11	4.07	0.46	(0.01)	0.01	0.03	0.01	0.00	6.68	0.58212	9.51804	(0.02274)	16.75742	(0.00756)	264		
265	0.3175	110	317.5		2.15	4.11	0.47	(0.01)	0.01	0.03	0.01	0.00	6.77	0.59290	9.69430	(0.02316)	17.03404	(0.00770)	265		
266	0.3225	112	322.5		2.19	4.15	0.48	(0.01)	0.01	0.03	0.01	0.00	6.86	0.60368	9.87056	(0.02358)	17.31066	(0.00784)	266		
267	0.3275	114	327.5		2.22	4.19	0.49	(0.01)	0.01	0.03	0.01	0.00	6.94	0.61446	10.04682	(0.02400)	17.57728	(0.00798)	267		
268	0.3325	115	332.5		2.24	4.23	0.49	(0.01)	0.01	0.03	0.01	0.00	7.00	0.61985	10.13495	(0.02421)	17.73059	(0.00805)	268		
269	0.3375	117	337.5		2.28	4.27	0.50	(0.01)	0.01	0.04	0.01	0.00	7.10	0.63063	10.31121	(0.02464)	18.01720	(0.00819)	269		
270	0.3425	119	342.5		2.32	4.32	0.51	(0.01)	0.01	0.04	0.01	0.00	7.20	0.64141	10.48747	(0.02506)	18.30382	(0.00833)	270		
271	0.3475	121	347.5		2.36	4.36	0.52	(0.01)	0.01	0.04	0.01	0.00	7.29	0.65219	10.66373	(0.02548)	18.58044	(0.00847)	271		
272	0.3525	122	352.5		2.38	4.40	0.52	(0.01)	0.01	0.04	0.01	0.00	7.35	0.65758	10.75186	(0.02569)	18.73375	(0.00854)	272		
273	0.3575	124	357.5		2.42	4.44	0.53	(0.01)	0.01	0.04	0.01	0.00	7.44	0.66836	10.92812	(0.02611)	19.01037	(0.00868)	273		
274	0.3625	126	362.5		2.46	4.48	0.54	(0.01)	0.02	0.04	0.01	0.00	7.54	0.67914	11.10438	(0.02653)	19.29699	(0.00882)	274		
275	0.3675	128	367.5		2.50	4.52	0.55	(0.01)	0.02	0.04	0.01	0.00	7.63	0.68992	11.28064	(0.02695)	19.57361	(0.00896)	275		
276	0.3725	129	372.5		2.52	4.56	0.55	(0.01)	0.02	0.04	0.01	0.00	7.69	0.69531	11.36877	(0.02716)	19.72692	(0.00903)	276		
277	0.3775	131	377.5		2.56	4.60	0.56	(0.01)	0.02	0.04	0.01	0.00	7.78	0.70609	11.54503	(0.02758)	20.00354	(0.00917)	277		
278	0.3825	133	382.5		2.59	4.64	0.57	(0.01)	0.02	0.04	0.01	0.00	7.86	0.71687	11.72129	(0.02800)	20.27016	(0.00931)	278		
279	0.3875	134	387.5		2.61	4.68	0.57	(0.01)	0.02	0.04	0.01	0.00	7.92	0.72226	11.80942	(0.02821)	20.42347	(0.00938)	279		
280	0.3925	136	392.5		2.65	4.73	0.58	(0.01)	0.02	0.04	0.01	0.00	8.02	0.73304	11.98568	(0.02864)	20.71008	(0.00952)	280		
281	0.3975	138	397.5		2.69	4.77	0.59	(0.01)	0.02	0.04	0.01	0.00	8.11	0.74382	12.16194	(0.02906)	20.98670	(0.00966)	281		
282																			282		

REBUTTAL ATTACHMENT F

ILLUSTRATIVE PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP

Hours per year  
 4,165

Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		TRANS RATE (\$/Lamp) (C)	DIST RATE (\$/Lamp) (D)	PPP RATE (\$/Lamp) (E)	ND RATE (\$/Lamp) (F)	ONGOING				TOTAL				UTIL SERV CREDIT (OY) (\$/Lamp) (P)	LINE NO.	
			WATTS (A)	LUMENS (B)					CTC RATE (\$/Lamp) (G)	LGC RATE (\$/Lamp) (H)	RS RATE (\$/Lamp) (I)	TRAC RATE (\$/Lamp) (J)	UDC RATE (\$/Lamp) (K)	DWR-BC RATE (\$/Lamp) (L)	EECC RATE (\$/Lamp) (M)	DWR CREDIT (\$/Lamp) (N)			TOTAL RATE (\$/Lamp) (O)
283			LS-3 (CLOSED)															283	
284			Energy Charge (\$/kWh)		0.01951	0.06199	0.00427	(0.00005)	0.00012	0.00030	0.00010	0.00000	0.08624	0.00539	0.08813	(0.00021)	0.17955	(0.00007)	284
285			Minimum Charge (\$/month)			9.10							9.10				9.10		285
286																			286
287			OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast																287
288	0.117	41	100	9500	0.80	12.52	0.18	0.00	0.00	0.01	0.00	0.00	13.51	0.22099	3.61333	(0.00863)	17.33569	(0.00287)	288
289	0.171	59	150	16000	1.15	12.94	0.25	0.00	0.01	0.02	0.01	0.00	14.38	0.31801	5.19967	(0.01242)	19.88526	(0.00413)	289
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast																290
291	0.313	109	250	30000	2.13	15.96	0.47	(0.01)	0.01	0.03	0.01	0.00	18.60	0.58751	9.60617	(0.02295)	28.77073	(0.00763)	291
292	0.476	165	400	50000	3.22	16.93	0.70	(0.01)	0.02	0.05	0.02	0.00	20.93	0.88935	14.54145	(0.03474)	36.32606	(0.01155)	292
293	1.102	382	1000	140000	7.45	22.38	1.63	(0.02)	0.05	0.11	0.04	0.00	31.64	2.05898	33.66566	(0.08043)	67.28421	(0.02674)	293
294			OL-1, HPSV, Rate B, Directional Luminaire																294
295	0.313	109	250	30000	2.13	17.12	0.47	(0.01)	0.01	0.03	0.01	0.00	19.76	0.58751	9.60617	(0.02295)	29.93073	(0.00763)	295
296	0.476	165	400	50000	3.22	18.72	0.70	(0.01)	0.02	0.05	0.02	0.00	22.72	0.88935	14.54145	(0.03474)	38.11606	(0.01155)	296
297	1.102	382	1000	140000	7.45	26.67	1.63	(0.02)	0.05	0.11	0.04	0.00	35.93	2.05898	33.66566	(0.08043)	71.57421	(0.02674)	297
298			OL-1, LPSV, Rate A, Street Light Luminaire																298
299	0.088	31	55	8000	0.60	17.25	0.13	0.00	0.00	0.01	0.00	0.00	17.99	0.16709	2.73203	(0.00653)	20.88259	(0.00217)	299
300	0.145	50	90	13000	0.98	19.01	0.21	0.00	0.01	0.01	0.01	0.00	20.23	0.26950	4.40650	(0.01053)	24.89547	(0.00350)	300
301	0.206	71	135	22500	1.39	20.11	0.30	0.00	0.01	0.02	0.01	0.00	21.84	0.38269	6.25723	(0.01495)	28.46497	(0.00497)	301
302	0.235	82	180	33000	1.60	22.88	0.35	0.00	0.01	0.02	0.01	0.00	24.87	0.44198	7.22666	(0.01727)	32.52137	(0.00574)	302
303			OL-1 Pole in Non-Standard Position																303
304			30-foot			13.91							13.91				13.91		304
305			35-foot			14.54							14.54				14.54		305
306			OL-2																306
307			Energy Charge (\$/kwh)		0.01951	0.12298	0.00427	(0.00005)	0.00012	0.00030	0.00010	0.00000	0.14723	0.00539	0.08805	(0.00021)	0.24046	(0.00007)	307
308			Basic Service Fee (\$/month)			13.76							13.76				13.76000		308
309																			309
310			DWL, Facilities Charges																310
311			\$ of Utility Investment			0.0115							0.0115						311
312			DWL, Energy and Lamp Maintenance Charge																312
313	0.059	20	50	Watt HPSV	0.39	3.48	0.09	0.00	0.00	0.01	0.00	0.00	3.97	0.10780	1.76260	(0.00421)	5.83619	(0.00140)	313
314			DWL, Minimum Charge			59.58							59.58				59.58		314

**ATTACHMENT G**

**ILLUSTRATIVE BILL IMPACTS FOR YEAR 3**

Attachment G represents bill impacts based on the illustrative rates presented in Attachment F and applied to historic usage associated with SDG&E's residential, commercial, and agricultural customers. The illustrative bill impacts are based on the historic usage identified below and assume no change in usage or demand. The bill impact tables displayed in this workbook hold constant the 2016 Residential Rate Reform design as approved in D.15-07-001 and implemented in Advice Letter 2861-E-A for all three years with the exception of the baseline allowance transition glidepath which includes anticipated changes for the same three-year period.

#### Commercial

- Year over year changes comparing Rebuttal Year 2 and Rebuttal Year 3
- Commercial tab depicts customers per impact range. Tables are differentiated by rate schedule.
- Schedule **ALTOU**
  - SDG&E's standard rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ALTOUDGR**
  - SDG&E's optional distributed generation rate schedule for Medium/Large Commercial & Industrial customers. Service under this Schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this Schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **TOU-A**
  - SDG&E's standard rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **A6TOU**
  - SDG&E's optional rate schedule available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period. The applicable commodity schedule for customers taking service on this Schedule is EEC-CPD, unless the customer has noticed its right to opt-out to the Utility. For opt-out provisions, refer to schedule EEC-CPD.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ATOU**
  - SDG&E's optional rate schedule available to customers receiving general service including lighting, appliances, heating, and power, or any combination thereof, including common use and not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **ATC**
  - Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **OLTOU**
  - Outdoor Lighting applicable to metered outdoor sports and recreation area lighting load, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's maximum monthly demand; and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **AD**
  - SDG&E's optional rate schedule applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance.
  - Bill impacts include Secondary customers only.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **AYTOU**
  - SDG&E's optional rate schedule available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Small Commercial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Small Commercial Two-Period Rate**
  - SDG&E's optional two-period rate schedule for Small Commercial customers, based on Schedule TOU-A. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **Medium/Large Commercial & Industrial Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - Bill impact comparisons compare Schedule AL-TOU as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

#### Residential

- Year over year changes comparing Rebuttal Year 2 and Rebuttal Year 3
- Residential tabs depict bill impacts per customer usage level. Tables are differentiated by climate zone (Inland, Coastal, Mountain, Desert), season (Summer, Winter, Annual), and service type (Basic, All-Electric)
- Schedule **DR**
  - SDG&E's standard rate schedule applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
- Schedule **DR-LI**
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.

**Agricultural**

- Year over year changes comparing Rebuttal Year 2 and Rebuttal Year 3
- Agricultural tab depicts customers per impact range. Tables are differentiated by rate schedule.
  
- **Schedule PA-T-1**
  - SDG&E's optional rate schedule available to agricultural and water pumping customers whose Maximum Monthly Demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 11199, 11199, 11211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kwhrs and are also classified by the above NAICS Codes.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- **Schedule TOU-PA**
  - SDG&E's standard rate schedule available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 11199, 11199, 11211, 11219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- **Schedule Large Agricultural Cost-Based Rate**
  - SDG&E's optional cost-based rate schedule available to customers whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 20 kw, but does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 11199, 11199, 11211, 11219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016
  
- **Schedule Small Agricultural Two-Period Rate**
  - SDG&E's optional two-period rate schedule, based on Schedule TOU-PA, available to customers whose monthly maximum demand does not equal or exceed 20kW for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 11199, 11199, 11211, 11219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016

**Streetlighting**

- Year over year changes comparing Rebuttal Year 2 and Rebuttal Year 3
- Streetlighting impacts are based on the most recent customer data (2015)
  
- **Schedule LS-1**
  - Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.
  
- **Schedule LS-2**
  - Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.
  
- **Schedule OL-1**
  - Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.
  
- **Schedule LS-3**
  - Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.
  
- **Schedule OL-2**
  - SDG&E's optional rate schedule applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule ALTOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	6,328	28.88%	28.88%	81,611	\$ 14,687.22	\$ 14,307.46	\$ (379.77)	-2.6%	5
6	-2.0% to 0%	11,646	53.15%	82.03%	15,864	\$ 3,393.21	\$ 3,347.17	\$ (46.04)	-1.4%	6
7	0.0% to 2%	2,620	11.96%	93.99%	32,559	\$ 1,503.74	\$ 1,513.15	\$ 9.40	0.6%	7
8	2.0% to 4%	768	3.50%	97.49%	2,119	\$ 2,989.34	\$ 3,082.34	\$ 93.00	3.1%	8
9	4.0% to 6%	258	1.18%	98.67%	890	\$ 469.12	\$ 491.27	\$ 22.15	4.7%	9
10	6.0% to 8%	79	0.36%	99.03%	388	\$ 336.52	\$ 359.78	\$ 23.26	6.9%	10
11	8.0% to 10%	50	0.23%	99.26%	204	\$ 261.15	\$ 284.24	\$ 23.09	8.8%	11
12	>10.0%	163	0.74%	100.00%	38	\$ 176.60	\$ 199.54	\$ 22.94	13.0%	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,980</b>	<b>\$ 6,338.23</b>	<b>\$ 6,209.03</b>	<b>\$ (129.19)</b>	<b>-2.0%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule ALTOUDGR (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	85	28.05%	28.05%	45,652	\$ 10,872.37	\$ 10,555.73	\$ (316.63)	-2.9%	5
6	-2.0% to 0%	87	28.71%	56.77%	13,024	\$ 3,989.18	\$ 3,936.46	\$ (52.72)	-1.3%	6
7	0.0% to 2%	54	17.82%	74.59%	4,446	\$ 2,076.55	\$ 2,093.21	\$ 16.65	0.8%	7
8	2.0% to 4%	40	13.20%	87.79%	1,478	\$ 1,494.64	\$ 1,535.53	\$ 40.88	2.7%	8
9	4.0% to 6%	15	4.95%	92.74%	191	\$ 1,097.14	\$ 1,147.94	\$ 50.80	4.6%	9
10	6.0% to 8%	6	1.98%	94.72%	-12,320	\$ (561.19)	\$ (367.73)	\$ 193.45	6.9%	10
11	8.0% to 10%	7	2.31%	97.03%	-903	\$ 484.06	\$ 527.36	\$ 43.30	8.9%	11
12	>10.0%	9	2.97%	100.00%	-7,474	\$ 394.54	\$ 553.75	\$ 159.21	40.4%	12
	<b>Total</b>	<b>303</b>	<b>100.00%</b>	<b>100.00%</b>	<b>17,056</b>	<b>\$ 4,828.91</b>	<b>\$ 4,745.39</b>	<b>\$ (83.52)</b>	<b>-1.7%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule TOU-A (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	4	0.00%	0.00%	-535	\$ (123.49)	\$ (128.84)	\$ (5.35)	-4.3%	4
5	-4.0% to -2%	14	0.01%	0.02%	-1,389	\$ (289.06)	\$ (296.50)	\$ (7.44)	-2.6%	5
6	-2.0% to 0%	22	0.02%	0.03%	-766	\$ (155.86)	\$ (157.62)	\$ (1.76)	-1.1%	6
7	0.0% to 2%	33	0.03%	0.06%	1,202	\$ 52.31	\$ 53.98	\$ 1.67	0.6%	7
8	2.0% to 4%	14,643	12.22%	12.29%	9,658	\$ 2,145.86	\$ 2,222.35	\$ 76.49	3.6%	8
9	4.0% to 6%	61,604	51.43%	63.72%	1,550	\$ 361.77	\$ 378.46	\$ 16.69	4.6%	9
10	6.0% to 8%	19,091	15.94%	79.66%	340	\$ 91.15	\$ 97.22	\$ 6.07	6.7%	10
11	8.0% to 10%	6,578	5.49%	85.15%	146	\$ 46.36	\$ 50.44	\$ 4.08	8.8%	11
12	10.0% to 12%	3,472	2.90%	88.05%	78	\$ 30.24	\$ 33.54	\$ 3.30	10.9%	12
13	12.0% to 14%	2,510	2.10%	90.14%	46	\$ 22.82	\$ 25.77	\$ 2.95	12.9%	13
14	14.0% to 16%	2,259	1.89%	92.03%	26	\$ 18.12	\$ 20.83	\$ 2.71	15.0%	14
15	16.0% to 18%	2,288	1.91%	93.94%	12	\$ 15.08	\$ 17.66	\$ 2.58	17.1%	15
16	18.0% to 20%	7,202	6.01%	99.95%	2	\$ 12.63	\$ 15.08	\$ 2.45	19.4%	16
17	>20%	60	0.05%	100.00%	-72	\$ 10.75	\$ 15.49	\$ 4.74	44.1%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 468.16</b>	<b>\$ 487.69</b>	<b>\$ 19.53</b>	<b>4.2%</b>	



REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule A6TOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	8	26.67%	26.67%	8,959,216	\$ 1,098,359.93	\$ 1,074,653.06	\$ (23,706.87)	-2.2%	5
6	-2.0% to 0%	7	23.33%	50.00%	1,276,500	\$ 183,810.01	\$ 180,630.08	\$ (3,179.94)	-1.7%	6
7	0.0% to 2%	12	40.00%	90.00%	6,115,722	\$ 39,926.00	\$ 40,038.67	\$ 112.67	0.3%	7
8	2.0% to 4%	2	6.67%	96.67%	82,044	\$ 104,448.37	\$ 106,935.06	\$ 2,486.68	2.4%	8
9	4.0% to 6%	0	0.00%	96.67%	-	-	-	-	0.0%	9
10	6.0% to 8%	1	3.33%	100.00%	291	\$ 3,642.07	\$ 3,882.49	\$ 240.42	6.6%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	0.0%	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	0.0%	12
	<b>Total</b>	<b>30</b>	<b>100.0%</b>	<b>100.00%</b>	<b>2,937,082</b>	<b>\$ 358,840.01</b>	<b>\$ 351,995.06</b>	<b>\$ (6,844.96)</b>	<b>-1.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule A7TOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	0	0.00%	0.00%	-	-	-	-	0.0%	5
6	-2.0% to 0%	0	0.00%	0.00%	-	-	-	-	0.0%	6
7	0.0% to 2%	3	1.88%	1.88%	547	\$ 195.51	\$ 198.11	\$ 2.59	1.3%	7
8	2.0% to 4%	105	65.63%	67.50%	6,096	\$ 1,198.08	\$ 1,234.86	\$ 36.78	3.1%	8
9	4.0% to 6%	39	24.38%	91.88%	3,194	\$ 712.73	\$ 745.18	\$ 32.45	4.6%	9
10	6.0% to 8%	9	5.63%	97.50%	2,362	\$ 600.94	\$ 640.89	\$ 39.95	6.6%	10
11	8.0% to 10%	3	1.88%	99.38%	1,599	\$ 454.78	\$ 493.21	\$ 38.43	8.4%	11
12	10.0% to 12%	1	0.63%	100.00%	818	\$ 333.29	\$ 367.27	\$ 33.98	10.2%	12
13	12.0% to 14%	0	0.00%	100.00%	-	-	-	-	0.0%	13
14	14.0% to 16%	0	0.00%	100.00%	-	-	-	-	0.0%	14
15	16.0% to 18%	0	0.00%	100.00%	-	-	-	-	0.0%	15
16	18.0% to 20%	0	0.00%	100.00%	-	-	-	-	0.0%	16
17	>20%	0	0.00%	100.00%	-	-	-	-	0.0%	17
	<b>Total</b>	<b>160</b>	<b>100.00%</b>	<b>100.00%</b>	<b>4,957</b>	<b>\$ 1,008.05</b>	<b>\$ 1,043.32</b>	<b>\$ 35.28</b>	<b>3.5%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule ATC (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	0	0.00%	0.00%	-	-	-	-	0.0%	5
6	-2.0% to 0%	0	0.00%	0.00%	-	-	-	-	0.0%	6
7	0.0% to 2%	0	0.00%	0.00%	-	-	-	-	0.0%	7
8	2.0% to 4%	0	0.00%	0.00%	-	-	-	-	0.0%	8
9	4.0% to 6%	2,818	40.48%	40.48%	1,244	\$ 205.31	\$ 215.31	\$ 10.00	4.9%	9
10	6.0% to 8%	3,135	45.04%	85.52%	331	\$ 63.15	\$ 67.50	\$ 4.35	6.9%	10
11	8.0% to 10%	521	7.48%	93.00%	189	\$ 41.06	\$ 44.55	\$ 3.48	8.5%	11
12	>10.0%	487	7.00%	100.00%	33	\$ 16.76	\$ 19.29	\$ 2.53	15.1%	12
	<b>Total</b>	<b>6,961</b>	<b>100.00%</b>	<b>100.00%</b>	<b>669</b>	<b>\$ 115.80</b>	<b>\$ 122.25</b>	<b>\$ 6.44</b>	<b>5.6%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule OLTOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	21	23.60%	23.60%	11,389	\$ 2,580.49	\$ 2,526.02	\$ (54.47)	-2.1%	5
6	-2.0% to 0%	64	71.91%	95.51%	3,454	\$ 799.34	\$ 785.17	\$ (14.17)	-1.8%	6
7	0.0% to 2%	4	4.49%	100.00%	505	\$ 141.29	\$ 142.50	\$ 1.21	0.9%	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	0.0%	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	0.0%	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	0.0%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	0.0%	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	0.0%	12
	<b>Total</b>	<b>89</b>	<b>100.00%</b>	<b>100.00%</b>	<b>5,194</b>	<b>\$ 1,190.03</b>	<b>\$ 1,167.05</b>	<b>\$ (22.99)</b>	<b>-1.9%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule Small Commercial Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	13	0.01%	0.01%	-943	\$ (6.48)	\$ (10.41)	\$ (3.92)	-60.5%	1
2	-10.0% to -8%	3	0.00%	0.01%	-2,272	\$ (55.07)	\$ (62.66)	\$ (7.59)	-9.0%	2
3	-8.0% to -6%	4	0.00%	0.02%	-2,305	\$ 33.27	\$ 25.03	\$ (8.24)	-6.3%	3
4	-6.0% to -4%	8	0.01%	0.02%	-853	\$ (15.82)	\$ (19.27)	\$ (3.45)	-5.1%	4
5	-4.0% to -2%	9	0.01%	0.03%	-437	\$ 57.09	\$ 55.60	\$ (1.49)	-2.6%	5
6	-2.0% to 0%	73	0.06%	0.09%	-293	\$ 147.30	\$ 146.43	\$ (0.87)	-0.6%	6
7	0.0% to 2%	97,971	81.79%	81.88%	777	\$ 238.50	\$ 241.85	\$ 3.35	1.4%	7
8	2.0% to 4%	21,699	18.12%	100.00%	7,780	\$ 1,345.48	\$ 1,380.53	\$ 35.05	2.6%	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	0.0%	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	0.0%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	0.0%	11
12	10.0% to 12%	0	0.00%	100.00%	-	-	-	-	0.0%	12
13	12.0% to 14%	0	0.00%	100.00%	-	-	-	-	0.0%	13
14	14.0% to 16%	0	0.00%	100.00%	-	-	-	-	0.0%	14
15	16.0% to 18%	0	0.00%	100.00%	-	-	-	-	0.0%	15
16	18.0% to 20%	0	0.00%	100.00%	-	-	-	-	0.0%	16
17	>20%	0	0.00%	100.00%	-	-	-	-	0.0%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 438.91</b>	<b>\$ 448.00</b>	<b>\$ 9.09</b>	<b>2.1%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule Small Commercial Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	3	0.00%	0.00%	-2,076	\$ (423.62)	\$ (433.24)	\$ (9.61)	-2.3%	5
6	-2.0% to 0%	20	0.02%	0.02%	-1,242	\$ (262.49)	\$ (265.05)	\$ (2.56)	-1.0%	6
7	0.0% to 2%	32	0.03%	0.05%	745	\$ (39.18)	\$ (38.66)	\$ 0.52	1.3%	7
8	2.0% to 4%	12,864	10.74%	10.79%	11,096	\$ 2,481.32	\$ 2,573.06	\$ 91.74	3.7%	8
9	4.0% to 6%	64,840	54.13%	64.92%	1,467	\$ 341.30	\$ 356.79	\$ 15.49	4.5%	9
10	6.0% to 8%	17,701	14.78%	79.70%	316	\$ 85.04	\$ 90.73	\$ 5.69	6.7%	10
11	8.0% to 10%	6,389	5.33%	85.03%	144	\$ 45.59	\$ 49.61	\$ 4.02	8.8%	11
12	10.0% to 12%	3,553	2.97%	88.00%	79	\$ 30.66	\$ 33.99	\$ 3.34	10.9%	12
13	12.0% to 14%	2,488	2.08%	90.07%	47	\$ 22.90	\$ 25.87	\$ 2.97	13.0%	13
14	14.0% to 16%	2,285	1.91%	91.98%	26	\$ 18.36	\$ 21.10	\$ 2.74	14.9%	14
15	16.0% to 18%	2,309	1.93%	93.91%	12	\$ 15.03	\$ 17.61	\$ 2.58	17.1%	15
16	18.0% to 20%	7,227	6.03%	99.94%	2	\$ 12.65	\$ 15.11	\$ 2.45	19.4%	16
17	>20%	69	0.06%	100.00%	-87	\$ 9.65	\$ 14.93	\$ 5.28	54.8%	17
	<b>Total</b>	<b>119,780</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,044</b>	<b>\$ 468.97</b>	<b>\$ 488.68</b>	<b>\$ 19.71</b>	<b>4.2%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule Medium/Large Commercial & Industrial Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	78	0.36%	0.36%	12,777	\$ 35,833.26	\$ 34,901.16	\$ (932.10)	-2.6%	5
6	-2.0% to 0%	21,654	98.82%	99.18%	32,573	\$ 6,229.75	\$ 6,165.15	\$ (64.60)	-1.0%	6
7	0.0% to 2%	180	0.82%	100.00%	455,870	\$ 4,317.70	\$ 4,317.72	\$ 0.02	0.0%	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	0.0%	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	0.0%	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	0.0%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	0.0%	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	0.0%	12
	<b>Total</b>	<b>21,912</b>	<b>100.00%</b>	<b>100.00%</b>	<b>35,980</b>	<b>\$ 6,319.42</b>	<b>\$ 6,252.27</b>	<b>\$ (67.16)</b>	<b>-1.1%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule PA-T-1 (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	5	1.03%	1.03%	19,918	\$ 9,451.89	\$ 9,206.39	\$ (245.51)	-2.6%	5
6	-2.0% to 0%	306	62.83%	63.86%	50,815	\$ 7,801.49	\$ 7,730.41	\$ (71.08)	-0.9%	6
7	0.0% to 2%	117	24.02%	87.89%	6,546	\$ 1,166.88	\$ 1,172.31	\$ 5.43	0.5%	7
8	2.0% to 4%	29	5.95%	93.84%	1,286	\$ 378.99	\$ 389.22	\$ 10.22	2.7%	8
9	4.0% to 6%	10	2.05%	95.89%	567	\$ 233.16	\$ 244.47	\$ 11.31	4.9%	9
10	6.0% to 8%	2	0.41%	96.30%	339	\$ 168.95	\$ 181.54	\$ 12.59	7.4%	10
11	8.0% to 10%	4	0.82%	97.13%	176	\$ 146.23	\$ 158.84	\$ 12.61	8.6%	11
12	>10.0%	14	2.87%	100.00%	19	\$ 98.95	\$ 112.01	\$ 13.06	13.2%	12
	<b>Total</b>	<b>487</b>	<b>100.00%</b>	<b>100.00%</b>	<b>33,798</b>	<b>\$ 5,311.44</b>	<b>\$ 5,266.93</b>	<b>\$ (44.50)</b>	<b>-0.8%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule TOU-PA (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	5	0.14%	0.14%	21,817	\$ 3,602.49	\$ 3,453.46	\$ (149.03)	-4.1%	4
5	-4.0% to -2%	105	3.02%	3.16%	15,276	\$ 2,614.10	\$ 2,538.95	\$ (75.15)	-2.9%	5
6	-2.0% to 0%	319	9.17%	12.34%	6,570	\$ 1,149.44	\$ 1,138.75	\$ (10.69)	-0.9%	6
7	0.0% to 2%	735	21.14%	33.48%	2,336	\$ 436.60	\$ 440.47	\$ 3.87	0.9%	7
8	2.0% to 4%	532	15.30%	48.78%	1,467	\$ 290.52	\$ 298.65	\$ 8.12	2.8%	8
9	4.0% to 6%	371	10.67%	59.45%	1,256	\$ 263.12	\$ 276.21	\$ 13.09	5.0%	9
10	6.0% to 8%	270	7.77%	67.21%	617	\$ 145.18	\$ 155.86	\$ 10.67	7.4%	10
11	8.0% to 10%	224	6.44%	73.66%	576	\$ 140.75	\$ 153.67	\$ 12.91	9.2%	11
12	>10.0%	916	26.34%	100.00%	271	\$ 93.03	\$ 111.93	\$ 18.90	20.3%	12
	<b>Total</b>	<b>3,477</b>	<b>100.00%</b>	<b>100.00%</b>	<b>2,104</b>	<b>\$ 399.25</b>	<b>\$ 405.88</b>	<b>\$ 6.63</b>	<b>1.7%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule Agricultural Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	1	0.15%	0.15%	-4,539	\$ 27.15	\$ 22.33	\$ (4.82)	-17.8%	1
2	-10.0% to -8%	0	0.00%	0.15%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.15%	-	-	-	-	0.0%	3
4	-6.0% to -4%	1	0.15%	0.31%	-6,192	\$ 517.74	\$ 496.88	\$ (20.87)	-4.0%	4
5	-4.0% to -2%	8	1.23%	1.54%	3,648	\$ 4,917.87	\$ 4,789.93	\$ (127.94)	-2.6%	5
6	-2.0% to 0%	641	98.46%	100.00%	8,462	\$ 1,753.12	\$ 1,740.01	\$ (13.11)	-0.7%	6
7	0.0% to 2%	0	0.00%	100.00%	-	-	-	-	0.0%	7
8	2.0% to 4%	0	0.00%	100.00%	-	-	-	-	0.0%	8
9	4.0% to 6%	0	0.00%	100.00%	-	-	-	-	0.0%	9
10	6.0% to 8%	0	0.00%	100.00%	-	-	-	-	0.0%	10
11	8.0% to 10%	0	0.00%	100.00%	-	-	-	-	0.0%	11
12	>10.0%	0	0.00%	100.00%	-	-	-	-	0.0%	12
	<b>Total</b>	<b>651</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8,360</b>	<b>\$ 1,787.46</b>	<b>\$ 1,772.94</b>	<b>\$ (14.52)</b>	<b>-0.8%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
Schedule Agricultural Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	-	-	-	-	0.0%	1
2	-10.0% to -8%	0	0.00%	0.00%	-	-	-	-	0.0%	2
3	-8.0% to -6%	0	0.00%	0.00%	-	-	-	-	0.0%	3
4	-6.0% to -4%	0	0.00%	0.00%	-	-	-	-	0.0%	4
5	-4.0% to -2%	1	0.04%	0.04%	2,452	\$ 251.16	\$ 245.92	\$ (5.24)	-2.1%	5
6	-2.0% to 0%	280	9.91%	9.94%	4,633	\$ 485.48	\$ 483.03	\$ (2.46)	-0.5%	6
7	0.0% to 2%	548	19.39%	29.33%	252	\$ 248.30	\$ 250.77	\$ 2.47	1.0%	7
8	2.0% to 4%	462	16.35%	45.68%	497	\$ 109.64	\$ 112.75	\$ 3.11	2.8%	8
9	4.0% to 6%	294	10.40%	56.09%	254	\$ 68.26	\$ 71.67	\$ 3.41	5.0%	9
10	6.0% to 8%	248	8.78%	64.86%	139	\$ 49.54	\$ 53.05	\$ 3.52	7.1%	10
11	8.0% to 10%	192	6.79%	71.66%	78	\$ 38.38	\$ 41.90	\$ 3.52	9.2%	11
12	>10.0%	801	28.34%	100.00%	12	\$ 27.37	\$ 31.05	\$ 3.69	13.5%	12
	<b>Total</b>	<b>2,826</b>	<b>100.00%</b>	<b>100.00%</b>	<b>637</b>	<b>\$ 136.08</b>	<b>\$ 138.77</b>	<b>\$ 2.69</b>	<b>2.0%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DR (Annual, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (%)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	65,540	6.8%	6.8%	\$ 15.67	\$ 16.06	0.39	2.49%	1
2	Between 101 and 200 kWh	125,529	13.0%	13.0%	\$ 32.04	\$ 33.04	1.00	3.12%	2
3	Between 201 and 300 kWh	169,486	17.6%	17.6%	\$ 53.33	\$ 55.12	1.79	3.36%	3
4	Between 301 and 400 kWh	162,746	16.9%	16.9%	\$ 80.05	\$ 82.86	2.81	3.51%	4
5	Between 401 and 500 kWh	131,513	13.7%	13.7%	\$ 114.38	\$ 118.27	3.89	3.40%	5
6	Between 501 and 600 kWh	95,397	9.9%	9.9%	\$ 154.15	\$ 159.25	5.10	3.31%	6
7	Between 601 and 700 kWh	65,483	6.8%	6.8%	\$ 196.06	\$ 202.43	6.37	3.25%	7
8	Between 701 and 800 kWh	44,314	4.6%	4.6%	\$ 238.89	\$ 246.54	7.65	3.20%	8
9	Between 801 and 900 kWh	30,121	3.1%	3.1%	\$ 281.79	\$ 290.72	8.93	3.17%	9
10	Between 901 and 1000 kWh	20,193	2.1%	2.1%	\$ 325.01	\$ 335.24	10.23	3.15%	10
11	Between 1001 and 1100 kWh	13,619	1.4%	1.4%	\$ 368.28	\$ 379.80	11.52	3.13%	11
12	Between 1101 and 1200 kWh	9,456	1.0%	1.0%	\$ 411.81	\$ 424.59	12.78	3.10%	12
13	Between 1201 and 1300 kWh	6,566	0.7%	0.7%	\$ 455.40	\$ 469.64	14.24	3.13%	13
14	Between 1301 and 1400 kWh	4,730	0.5%	0.5%	\$ 498.79	\$ 514.31	15.52	3.11%	14
15	Between 1401 and 1500 kWh	3,407	0.4%	0.4%	\$ 542.29	\$ 559.07	16.78	3.09%	15
16	Between 1501 and 2000 kWh	8,173	0.8%	0.8%	\$ 655.98	\$ 675.83	19.85	3.03%	16
17	Between 2001 and 2500 kWh	2,834	0.3%	0.3%	\$ 879.89	\$ 905.90	26.01	2.96%	17
18	Between 2501 and 3000 kWh	1,310	0.1%	0.1%	\$ 1,103.82	\$ 1,136.15	32.33	2.93%	18
19	> 3000 kWh	1,762	0.2%	0.2%	\$ 1,907.89	\$ 1,963.06	55.17	2.89%	19
	<b>Total</b>	<b>962,179</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 128.99</b>	<b>\$ 133.16</b>	<b>4.17</b>	<b>3.23%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DR (Winter, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	79,460	8.3%	8.3%	\$ 15.53	\$ 15.92	0.39	2.51%	1
2	Between 101 and 200 kWh	146,412	15.2%	15.2%	\$ 29.62	\$ 30.59	0.97	3.27%	2
3	Between 201 and 300 kWh	190,631	19.8%	19.8%	\$ 48.21	\$ 49.78	1.57	3.26%	3
4	Between 301 and 400 kWh	172,442	17.9%	17.9%	\$ 70.41	\$ 72.76	2.35	3.34%	4
5	Between 401 and 500 kWh	126,351	13.1%	13.1%	\$ 101.48	\$ 105.03	3.55	3.50%	5
6	Between 501 and 600 kWh	83,642	8.7%	8.7%	\$ 138.87	\$ 143.93	5.06	3.64%	6
7	Between 601 and 700 kWh	53,585	5.6%	5.6%	\$ 177.41	\$ 183.98	6.57	3.70%	7
8	Between 701 and 800 kWh	34,603	3.6%	3.6%	\$ 216.36	\$ 224.37	8.01	3.70%	8
9	Between 801 and 900 kWh	22,194	2.3%	2.3%	\$ 255.29	\$ 264.72	9.43	3.69%	9
10	Between 901 and 1000 kWh	14,652	1.5%	1.5%	\$ 294.76	\$ 305.48	10.72	3.64%	10
11	Between 1001 and 1100 kWh	9,456	1.0%	1.0%	\$ 333.71	\$ 345.11	11.40	3.42%	11
12	Between 1101 and 1200 kWh	6,987	0.7%	0.7%	\$ 373.44	\$ 386.98	13.54	3.63%	12
13	Between 1201 and 1300 kWh	4,888	0.5%	0.5%	\$ 412.67	\$ 427.67	15.00	3.63%	13
14	Between 1301 and 1400 kWh	3,388	0.4%	0.4%	\$ 452.49	\$ 468.78	16.29	3.60%	14
15	Between 1401 and 1500 kWh	2,437	0.3%	0.3%	\$ 493.39	\$ 511.04	17.65	3.58%	15
16	Between 1501 and 2000 kWh	6,176	0.6%	0.6%	\$ 597.63	\$ 618.25	20.62	3.45%	16
17	Between 2001 and 2500 kWh	2,179	0.2%	0.2%	\$ 810.01	\$ 836.75	26.74	3.30%	17
18	Between 2501 and 3000 kWh	1,023	0.1%	0.1%	\$ 1,012.29	\$ 1,045.13	32.84	3.24%	18
19	> 3000 kWh	1,416	0.1%	0.1%	\$ 1,789.15	\$ 1,845.61	56.46	3.16%	19
	<b>Total</b>	<b>962,179</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 101.78</b>	<b>\$ 105.34</b>	<b>3.56</b>	<b>3.50%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DR (Summer, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	80,391	8.4%	8.4%	\$ 13.27	\$ 13.57	0.30	2.26%	1
2	Between 101 and 200 kWh	109,384	11.4%	11.4%	\$ 33.33	\$ 34.30	0.97	2.91%	2
3	Between 201 and 300 kWh	138,303	14.4%	14.4%	\$ 55.82	\$ 57.59	1.77	3.17%	3
4	Between 301 and 400 kWh	134,837	14.0%	14.0%	\$ 83.54	\$ 86.70	3.16	3.78%	4
5	Between 401 and 500 kWh	116,678	12.1%	12.1%	\$ 121.74	\$ 126.12	4.38	3.60%	5
6	Between 501 and 600 kWh	93,552	9.7%	9.7%	\$ 165.80	\$ 171.23	5.43	3.28%	6
7	Between 601 and 700 kWh	71,932	7.5%	7.5%	\$ 211.53	\$ 218.03	6.50	3.07%	7
8	Between 701 and 800 kWh	54,342	5.6%	5.6%	\$ 257.91	\$ 265.50	7.59	2.94%	8
9	Between 801 and 900 kWh	40,544	4.2%	4.2%	\$ 304.52	\$ 313.22	8.70	2.86%	9
10	Between 901 and 1000 kWh	30,074	3.1%	3.1%	\$ 351.85	\$ 361.74	9.89	2.81%	10
11	Between 1001 and 1100 kWh	22,676	2.4%	2.4%	\$ 399.03	\$ 410.11	11.08	2.78%	11
12	Between 1101 and 1200 kWh	16,479	1.7%	1.7%	\$ 446.44	\$ 458.74	12.30	2.76%	12
13	Between 1201 and 1300 kWh	12,160	1.3%	1.3%	\$ 494.23	\$ 507.77	13.54	2.74%	13
14	Between 1301 and 1400 kWh	8,751	0.9%	0.9%	\$ 541.21	\$ 555.95	14.74	2.72%	14
15	Between 1401 and 1500 kWh	6,523	0.7%	0.7%	\$ 589.44	\$ 605.48	16.04	2.72%	15
16	Between 1501 and 2000 kWh	15,403	1.6%	1.6%	\$ 709.10	\$ 728.22	19.12	2.70%	16
17	Between 2001 and 2500 kWh	5,112	0.5%	0.5%	\$ 853.92	\$ 879.36	25.44	2.97%	17
18	Between 2501 and 3000 kWh	2,163	0.2%	0.2%	\$ 1,195.67	\$ 1,227.42	31.75	2.66%	18
19	> 3000 kWh	2,865	0.3%	0.3%	\$ 2,024.63	\$ 2,077.93	53.30	2.63%	19
	<b>Total</b>	<b>962,179</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 167.07</b>	<b>\$ 172.11</b>	<b>5.04</b>	<b>3.02%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	34,124	7.5%	7.5%	\$ 14.28	\$ 14.62	\$ 0.34	2.39%	1
2	Between 101 and 200 kWh	64,494	14.1%	14.1%	\$ 31.24	\$ 32.19	\$ 0.95	3.04%	2
3	Between 201 and 300 kWh	80,555	17.6%	17.6%	\$ 52.93	\$ 54.50	\$ 1.57	2.97%	3
4	Between 301 and 400 kWh	76,771	16.8%	16.8%	\$ 80.13	\$ 82.47	\$ 2.34	2.92%	4
5	Between 401 and 500 kWh	61,170	13.4%	13.4%	\$ 116.53	\$ 119.89	\$ 3.36	2.88%	5
6	Between 501 and 600 kWh	43,486	9.5%	9.5%	\$ 158.24	\$ 162.78	\$ 4.54	2.87%	6
7	Between 601 and 700 kWh	29,306	6.4%	6.4%	\$ 201.56	\$ 207.32	\$ 5.76	2.86%	7
8	Between 701 and 800 kWh	19,566	4.3%	4.3%	\$ 245.36	\$ 252.35	\$ 6.99	2.85%	8
9	Between 801 and 900 kWh	13,255	2.9%	2.9%	\$ 289.19	\$ 297.41	\$ 8.23	2.85%	9
10	Between 901 and 1000 kWh	8,909	1.9%	1.9%	\$ 333.44	\$ 342.92	\$ 9.48	2.84%	10
11	Between 1001 and 1100 kWh	6,176	1.4%	1.4%	\$ 377.44	\$ 388.15	\$ 10.71	2.84%	11
12	Between 1101 and 1200 kWh	4,395	1.0%	1.0%	\$ 421.48	\$ 433.44	\$ 11.96	2.84%	12
13	Between 1201 and 1300 kWh	3,043	0.7%	0.7%	\$ 465.82	\$ 479.03	\$ 13.21	2.84%	13
14	Between 1301 and 1400 kWh	2,252	0.5%	0.5%	\$ 509.84	\$ 524.33	\$ 14.49	2.84%	14
15	Between 1401 and 1500 kWh	1,662	0.4%	0.4%	\$ 554.10	\$ 569.80	\$ 15.70	2.83%	15
16	Between 1501 and 2000 kWh	4,310	0.9%	0.9%	\$ 666.76	\$ 687.69	\$ 18.91	2.83%	16
17	Between 2001 and 2500 kWh	1,863	0.4%	0.4%	\$ 891.32	\$ 916.51	\$ 25.19	2.83%	17
18	Between 2501 and 3000 kWh	810	0.2%	0.2%	\$ 1,112.89	\$ 1,144.31	\$ 31.42	2.82%	18
19	> 3000 kWh	1,123	0.2%	0.2%	\$ 1,921.62	\$ 1,976.00	\$ 54.38	2.83%	19
	Total	457,070	100.0%	100.0%	\$ 130.25	\$ 133.99	\$ 3.74	2.87%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	39,404	8.6%	8.6%	\$ 14.32	\$ 14.68	\$ 0.36	2.51%	1
2	Between 101 and 200 kWh	72,355	15.8%	15.8%	\$ 29.01	\$ 29.95	\$ 0.94	3.24%	2
3	Between 201 and 300 kWh	87,531	19.2%	19.2%	\$ 48.25	\$ 49.79	\$ 1.54	3.19%	3
4	Between 301 and 400 kWh	80,481	17.6%	17.6%	\$ 71.51	\$ 73.76	\$ 2.25	3.15%	4
5	Between 401 and 500 kWh	59,643	13.0%	13.0%	\$ 104.94	\$ 108.21	\$ 3.27	3.12%	5
6	Between 501 and 600 kWh	39,550	8.7%	8.7%	\$ 144.16	\$ 148.66	\$ 4.50	3.12%	6
7	Between 601 and 700 kWh	25,303	5.5%	5.5%	\$ 184.15	\$ 189.89	\$ 5.74	3.12%	7
8	Between 701 and 800 kWh	16,272	3.6%	3.6%	\$ 224.48	\$ 231.46	\$ 6.98	3.11%	8
9	Between 801 and 900 kWh	10,387	2.3%	2.3%	\$ 264.93	\$ 273.14	\$ 8.21	3.10%	9
10	Between 901 and 1000 kWh	6,988	1.5%	1.5%	\$ 305.41	\$ 314.87	\$ 9.46	3.10%	10
11	Between 1001 and 1100 kWh	4,720	1.0%	1.0%	\$ 345.76	\$ 356.45	\$ 10.69	3.09%	11
12	Between 1101 and 1200 kWh	3,296	0.7%	0.7%	\$ 387.03	\$ 399.03	\$ 12.00	3.10%	12
13	Between 1201 and 1300 kWh	2,290	0.5%	0.5%	\$ 427.17	\$ 440.40	\$ 13.23	3.10%	13
14	Between 1301 and 1400 kWh	1,603	0.4%	0.4%	\$ 468.28	\$ 482.80	\$ 14.52	3.10%	14
15	Between 1401 and 1500 kWh	1,213	0.3%	0.3%	\$ 508.26	\$ 524.05	\$ 15.79	3.11%	15
16	Between 1501 and 2000 kWh	3,241	0.7%	0.7%	\$ 612.64	\$ 631.53	\$ 18.89	3.08%	16
17	Between 2001 and 2500 kWh	1,228	0.3%	0.3%	\$ 823.14	\$ 848.41	\$ 25.27	3.07%	17
18	Between 2501 and 3000 kWh	594	0.1%	0.1%	\$ 1,022.41	\$ 1,053.81	\$ 31.40	3.07%	18
19	> 3000 kWh	871	0.2%	0.2%	\$ 1,823.52	\$ 1,879.41	\$ 55.89	3.06%	19
	Total	457,070	100.0%	100.0%	\$ 105.59	\$ 108.88	\$ 3.29	3.12%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	40,873	8.9%	8.9%	\$ 12.83	\$ 13.11	\$ 0.28	2.18%	1
2	Between 101 and 200 kWh	57,167	12.5%	12.5%	\$ 33.02	\$ 33.96	\$ 0.94	2.85%	2
3	Between 201 and 300 kWh	69,182	15.1%	15.1%	\$ 55.57	\$ 57.10	\$ 1.53	2.75%	3
4	Between 301 and 400 kWh	66,477	14.5%	14.5%	\$ 83.55	\$ 85.82	\$ 2.27	2.72%	4
5	Between 401 and 500 kWh	55,262	12.1%	12.1%	\$ 124.46	\$ 127.80	\$ 3.34	2.68%	5
6	Between 501 and 600 kWh	42,918	9.4%	9.4%	\$ 170.62	\$ 175.16	\$ 4.54	2.66%	6
7	Between 601 and 700 kWh	31,631	6.9%	6.9%	\$ 217.65	\$ 223.41	\$ 5.76	2.65%	7
8	Between 701 and 800 kWh	23,105	5.1%	5.1%	\$ 265.17	\$ 272.16	\$ 6.99	2.64%	8
9	Between 801 and 900 kWh	16,870	3.7%	3.7%	\$ 312.44	\$ 320.66	\$ 8.22	2.63%	9
10	Between 901 and 1000 kWh	12,495	2.7%	2.7%	\$ 360.11	\$ 369.57	\$ 9.46	2.63%	10
11	Between 1001 and 1100 kWh	9,382	2.1%	2.1%	\$ 407.72	\$ 418.42	\$ 10.70	2.62%	11
12	Between 1101 and 1200 kWh	6,730	1.5%	1.5%	\$ 455.28	\$ 467.22	\$ 11.94	2.62%	12
13	Between 1201 and 1300 kWh	5,061	1.1%	1.1%	\$ 503.34	\$ 516.52	\$ 13.18	2.62%	13
14	Between 1301 and 1400 kWh	3,742	0.8%	0.8%	\$ 550.75	\$ 565.17	\$ 14.42	2.62%	14
15	Between 1401 and 1500 kWh	2,892	0.6%	0.6%	\$ 598.72	\$ 614.35	\$ 15.63	2.61%	15
16	Between 1501 and 2000 kWh	7,334	1.6%	1.6%	\$ 719.55	\$ 738.34	\$ 18.79	2.61%	16
17	Between 2001 and 2500 kWh	2,792	0.6%	0.6%	\$ 963.31	\$ 988.43	\$ 25.12	2.61%	17
18	Between 2501 and 3000 kWh	1,299	0.3%	0.3%	\$ 1,201.71	\$ 1,233.01	\$ 31.30	2.60%	18
19	> 3000 kWh	1,858	0.4%	0.4%	\$ 2,027.24	\$ 2,079.95	\$ 52.71	2.60%	19
	Total	457,070	100.0%	100.0%	\$ 164.78	\$ 169.14	\$ 4.36	2.65%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	4,159	3.8%	3.8%	\$ 14.43	\$ 14.88	\$ 0.45	3.12%	1
2	Between 101 and 200 kWh	24,633	22.2%	22.2%	\$ 30.70	\$ 31.76	\$ 1.06	3.45%	2
3	Between 201 and 300 kWh	31,497	28.4%	28.4%	\$ 51.82	\$ 54.33	\$ 2.51	4.84%	3
4	Between 301 and 400 kWh	21,988	19.9%	19.9%	\$ 79.38	\$ 84.44	\$ 5.06	6.37%	4
5	Between 401 and 500 kWh	12,912	11.7%	11.7%	\$ 111.81	\$ 119.54	\$ 7.73	6.91%	5
6	Between 501 and 600 kWh	6,738	6.1%	6.1%	\$ 147.06	\$ 158.08	\$ 11.02	7.49%	6
7	Between 601 and 700 kWh	3,490	3.2%	3.2%	\$ 186.22	\$ 200.42	\$ 14.20	7.63%	7
8	Between 701 and 800 kWh	1,894	1.7%	1.7%	\$ 226.89	\$ 243.39	\$ 16.50	7.27%	8
9	Between 801 and 900 kWh	1,073	1.0%	1.0%	\$ 269.23	\$ 287.42	\$ 18.19	6.76%	9
10	Between 901 and 1000 kWh	654	0.6%	0.6%	\$ 313.01	\$ 332.60	\$ 19.59	6.26%	10
11	Between 1001 and 1100 kWh	399	0.4%	0.4%	\$ 355.75	\$ 376.79	\$ 21.04	5.91%	11
12	Between 1101 and 1200 kWh	252	0.2%	0.2%	\$ 398.11	\$ 420.34	\$ 22.23	5.58%	12
13	Between 1201 and 1300 kWh	232	0.2%	0.2%	\$ 443.97	\$ 467.42	\$ 23.45	5.28%	13
14	Between 1301 and 1400 kWh	145	0.1%	0.1%	\$ 488.15	\$ 512.97	\$ 24.82	5.08%	14
15	Between 1401 and 1500 kWh	114	0.1%	0.1%	\$ 529.58	\$ 555.75	\$ 26.17	4.94%	15
16	Between 1501 and 2000 kWh	299	0.3%	0.3%	\$ 642.93	\$ 672.21	\$ 29.28	4.55%	16
17	Between 2001 and 2500 kWh	115	0.1%	0.1%	\$ 869.03	\$ 904.76	\$ 35.73	4.11%	17
18	Between 2501 and 3000 kWh	58	0.1%	0.1%	\$ 1,091.03	\$ 1,133.02	\$ 41.99	3.85%	18
19	> 3000 kWh	110	0.1%	0.1%	\$ 1,765.30	\$ 1,826.45	\$ 61.15	3.46%	19
	Total	110,752	100.0%	100.0%	\$ 83.26	\$ 88.26	\$ 5.00	6.01%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	5,234	4.7%	4.7%	\$ 13.62	\$ 14.04	\$ 0.42	3.08%	1
2	Between 101 and 200 kWh	28,419	25.7%	25.7%	\$ 28.39	\$ 29.34	\$ 0.95	3.35%	2
3	Between 201 and 300 kWh	32,606	29.4%	29.4%	\$ 46.40	\$ 48.04	\$ 1.64	3.53%	3
4	Between 301 and 400 kWh	20,174	18.2%	18.2%	\$ 66.36	\$ 69.44	\$ 3.08	4.64%	4
5	Between 401 and 500 kWh	10,539	9.5%	9.5%	\$ 89.10	\$ 95.56	\$ 6.46	7.25%	5
6	Between 501 and 600 kWh	5,572	5.0%	5.0%	\$ 117.53	\$ 129.61	\$ 12.08	10.28%	6
7	Between 601 and 700 kWh	2,999	2.7%	2.7%	\$ 152.89	\$ 169.00	\$ 16.11	10.54%	7
8	Between 701 and 800 kWh	1,760	1.6%	1.6%	\$ 191.23	\$ 209.70	\$ 18.47	9.66%	8
9	Between 801 and 900 kWh	1,071	1.0%	1.0%	\$ 231.36	\$ 251.42	\$ 20.06	8.67%	9
10	Between 901 and 1000 kWh	608	0.5%	0.5%	\$ 271.26	\$ 292.87	\$ 21.61	7.97%	10
11	Between 1001 and 1100 kWh	426	0.4%	0.4%	\$ 312.25	\$ 335.13	\$ 22.88	7.33%	11
12	Between 1101 and 1200 kWh	280	0.3%	0.3%	\$ 352.68	\$ 376.90	\$ 24.22	6.87%	12
13	Between 1201 and 1300 kWh	237	0.2%	0.2%	\$ 391.68	\$ 417.09	\$ 25.41	6.49%	13
14	Between 1301 and 1400 kWh	141	0.1%	0.1%	\$ 432.73	\$ 459.52	\$ 26.79	6.19%	14
15	Between 1401 and 1500 kWh	116	0.1%	0.1%	\$ 475.75	\$ 503.78	\$ 28.03	5.89%	15
16	Between 1501 and 2000 kWh	309	0.3%	0.3%	\$ 580.13	\$ 611.41	\$ 31.28	5.38%	16
17	Between 2001 and 2500 kWh	111	0.1%	0.1%	\$ 784.09	\$ 821.53	\$ 37.44	4.77%	17
18	Between 2501 and 3000 kWh	60	0.1%	0.1%	\$ 990.53	\$ 1,034.50	\$ 43.97	4.44%	18
19	> 3000 kWh	90	0.1%	0.1%	\$ 1,728.71	\$ 1,795.05	\$ 66.34	3.84%	19
	Total	110,752	100.0%	100.0%	\$ 67.30	\$ 71.34	\$ 4.04	6.00%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	6,282	5.7%	5.7%	\$ 13.92	\$ 14.34	\$ 0.42	3.02%	1
2	Between 101 and 200 kWh	23,462	21.2%	21.2%	\$ 32.65	\$ 33.66	\$ 1.01	3.09%	2
3	Between 201 and 300 kWh	26,649	24.1%	24.1%	\$ 55.25	\$ 57.84	\$ 2.59	4.69%	3
4	Between 301 and 400 kWh	19,684	17.8%	17.8%	\$ 87.44	\$ 94.96	\$ 7.52	8.60%	4
5	Between 401 and 500 kWh	13,351	12.1%	12.1%	\$ 130.57	\$ 141.04	\$ 10.47	8.02%	5
6	Between 501 and 600 kWh	8,163	7.4%	7.4%	\$ 177.03	\$ 189.16	\$ 12.13	6.85%	6
7	Between 601 and 700 kWh	4,946	4.5%	4.5%	\$ 223.92	\$ 237.42	\$ 13.50	6.03%	7
8	Between 701 and 800 kWh	2,914	2.6%	2.6%	\$ 271.33	\$ 286.14	\$ 14.81	5.46%	8
9	Between 801 and 900 kWh	1,673	1.5%	1.5%	\$ 318.06	\$ 334.12	\$ 16.06	5.05%	9
10	Between 901 and 1000 kWh	1,123	1.0%	1.0%	\$ 366.29	\$ 383.62	\$ 17.33	4.73%	10
11	Between 1001 and 1100 kWh	678	0.6%	0.6%	\$ 414.17	\$ 432.74	\$ 18.57	4.48%	11
12	Between 1101 and 1200 kWh	449	0.4%	0.4%	\$ 462.46	\$ 482.30	\$ 19.84	4.29%	12
13	Between 1201 and 1300 kWh	299	0.3%	0.3%	\$ 510.86	\$ 532.00	\$ 21.14	4.14%	13
14	Between 1301 and 1400 kWh	187	0.2%	0.2%	\$ 557.18	\$ 579.52	\$ 22.34	4.01%	14
15	Between 1401 and 1500 kWh	155	0.1%	0.1%	\$ 606.15	\$ 629.75	\$ 23.60	3.89%	15
16	Between 1501 and 2000 kWh	372	0.3%	0.3%	\$ 730.79	\$ 757.62	\$ 26.83	3.67%	16
17	Between 2001 and 2500 kWh	155	0.1%	0.1%	\$ 970.02	\$ 1,003.01	\$ 32.99	3.40%	17
18	Between 2501 and 3000 kWh	74	0.1%	0.1%	\$ 1,212.95	\$ 1,252.30	\$ 39.35	3.24%	18
19	> 3000 kWh	136	0.1%	0.1%	\$ 1,972.89	\$ 2,031.93	\$ 59.04	2.99%	19
	Total	110,752	100.0%	100.0%	\$ 105.61	\$ 111.93	\$ 6.32	5.98%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	22,820	7.4%	7.4%	\$ 17.64	\$ 18.05	\$ 0.41	2.32%	1
2	Between 101 and 200 kWh	25,965	8.4%	8.4%	\$ 35.03	\$ 36.06	\$ 1.03	2.94%	2
3	Between 201 and 300 kWh	40,399	13.1%	13.1%	\$ 55.63	\$ 57.26	\$ 1.63	2.93%	3
4	Between 301 and 400 kWh	48,530	15.8%	15.8%	\$ 81.00	\$ 83.34	\$ 2.34	2.89%	4
5	Between 401 and 500 kWh	46,289	15.1%	15.1%	\$ 114.08	\$ 117.35	\$ 3.27	2.87%	5
6	Between 501 and 600 kWh	37,387	12.2%	12.2%	\$ 153.96	\$ 158.34	\$ 4.38	2.84%	6
7	Between 601 and 700 kWh	27,331	8.9%	8.9%	\$ 196.13	\$ 201.71	\$ 5.58	2.85%	7
8	Between 701 and 800 kWh	19,032	6.2%	6.2%	\$ 239.38	\$ 246.20	\$ 6.82	2.85%	8
9	Between 801 and 900 kWh	12,869	4.2%	4.2%	\$ 282.32	\$ 290.97	\$ 8.65	2.85%	9
10	Between 901 and 1000 kWh	8,483	2.8%	2.8%	\$ 326.32	\$ 335.63	\$ 9.31	2.85%	10
11	Between 1001 and 1100 kWh	5,467	1.8%	1.8%	\$ 370.28	\$ 380.88	\$ 10.60	2.86%	11
12	Between 1101 and 1200 kWh	3,676	1.2%	1.2%	\$ 413.68	\$ 425.50	\$ 11.82	2.86%	12
13	Between 1201 and 1300 kWh	2,404	0.8%	0.8%	\$ 458.49	\$ 471.59	\$ 13.10	2.86%	13
14	Between 1301 and 1400 kWh	1,672	0.5%	0.5%	\$ 500.68	\$ 515.04	\$ 14.36	2.87%	14
15	Between 1401 and 1500 kWh	1,136	0.4%	0.4%	\$ 545.08	\$ 560.64	\$ 15.56	2.85%	15
16	Between 1501 and 2000 kWh	2,539	0.8%	0.8%	\$ 654.38	\$ 673.01	\$ 18.62	2.85%	16
17	Between 2001 and 2500 kWh	783	0.3%	0.3%	\$ 874.80	\$ 899.59	\$ 24.79	2.83%	17
18	Between 2501 and 3000 kWh	330	0.1%	0.1%	\$ 1,101.54	\$ 1,132.92	\$ 31.38	2.85%	18
19	> 3000 kWh	398	0.1%	0.1%	\$ 1,948.20	\$ 2,003.35	\$ 55.15	2.83%	19
	Total	307,520	100.0%	100.0%	\$ 144.53	\$ 148.66	\$ 4.13	2.86%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	29,515	9.6%	9.6%	\$ 17.33	\$ 17.75	\$ 0.42	2.42%	1
2	Between 101 and 200 kWh	31,887	10.4%	10.4%	\$ 32.00	\$ 33.02	\$ 1.02	3.19%	2
3	Between 201 and 300 kWh	51,622	16.8%	16.8%	\$ 49.58	\$ 51.15	\$ 1.57	3.17%	3
4	Between 301 and 400 kWh	57,370	18.7%	18.7%	\$ 71.10	\$ 73.33	\$ 2.23	3.14%	4
5	Between 401 and 500 kWh	46,472	15.1%	15.1%	\$ 102.53	\$ 105.73	\$ 3.20	3.12%	5
6	Between 501 and 600 kWh	32,152	10.5%	10.5%	\$ 141.03	\$ 145.42	\$ 4.39	3.11%	6
7	Between 601 and 700 kWh	20,747	6.7%	6.7%	\$ 180.38	\$ 186.03	\$ 5.65	3.13%	7
8	Between 701 and 800 kWh	13,106	4.3%	4.3%	\$ 230.24	\$ 237.15	\$ 6.91	3.14%	8
9	Between 801 and 900 kWh	8,077	2.6%	2.6%	\$ 260.38	\$ 268.57	\$ 8.19	3.15%	9
10	Between 901 and 1000 kWh	5,135	1.7%	1.7%	\$ 300.51	\$ 309.98	\$ 9.47	3.15%	10
11	Between 1001 and 1100 kWh	3,339	1.1%	1.1%	\$ 340.69	\$ 351.48	\$ 10.79	3.17%	11
12	Between 1101 and 1200 kWh	2,295	0.7%	0.7%	\$ 380.65	\$ 392.67	\$ 12.02	3.16%	12
13	Between 1201 and 1300 kWh	1,361	0.4%	0.4%	\$ 421.44	\$ 434.79	\$ 13.35	3.17%	13
14	Between 1301 and 1400 kWh	1,001	0.3%	0.3%	\$ 462.30	\$ 476.85	\$ 14.55	3.15%	14
15	Between 1401 and 1500 kWh	679	0.2%	0.2%	\$ 501.90	\$ 517.85	\$ 15.95	3.18%	15
16	Between 1501 and 2000 kWh	1,615	0.5%	0.5%	\$ 604.55	\$ 623.42	\$ 18.87	3.12%	16
17	Between 2001 and 2500 kWh	559	0.2%	0.2%	\$ 815.78	\$ 841.07	\$ 25.29	3.10%	17
18	Between 2501 and 3000 kWh	263	0.1%	0.1%	\$ 1,019.71	\$ 1,051.19	\$ 31.48	3.09%	18
19	> 3000 kWh	325	0.1%	0.1%	\$ 1,792.33	\$ 1,847.47	\$ 55.14	3.08%	19
	Total	307,520	100.0%	100.0%	\$ 108.66	\$ 112.06	\$ 3.40	3.13%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	26,893	8.7%	8.7%	\$ 13.73	\$ 14.00	\$ 0.27	1.97%	1
2	Between 101 and 200 kWh	19,843	6.5%	6.5%	\$ 34.87	\$ 35.85	\$ 0.98	2.81%	2
3	Between 201 and 300 kWh	29,319	9.5%	9.5%	\$ 56.96	\$ 58.52	\$ 1.56	2.74%	3
4	Between 301 and 400 kWh	35,342	11.5%	11.5%	\$ 82.00	\$ 84.23	\$ 2.23	2.72%	4
5	Between 401 and 500 kWh	36,875	12.0%	12.0%	\$ 116.13	\$ 119.25	\$ 3.12	2.69%	5
6	Between 501 and 600 kWh	33,912	11.0%	11.0%	\$ 159.06	\$ 163.31	\$ 4.25	2.67%	6
7	Between 601 and 700 kWh	28,974	9.4%	9.4%	\$ 205.03	\$ 210.48	\$ 5.45	2.66%	7
8	Between 701 and 800 kWh	23,578	7.7%	7.7%	\$ 251.64	\$ 258.30	\$ 6.66	2.65%	8
9	Between 801 and 900 kWh	18,576	6.0%	6.0%	\$ 298.59	\$ 306.47	\$ 7.88	2.64%	9
10	Between 901 and 1000 kWh	13,982	4.5%	4.5%	\$ 345.95	\$ 355.07	\$ 9.12	2.64%	10
11	Between 1001 and 1100 kWh	10,651	3.5%	3.5%	\$ 393.32	\$ 403.68	\$ 10.36	2.63%	11
12	Between 1101 and 1200 kWh	7,842	2.6%	2.6%	\$ 440.95	\$ 452.53	\$ 11.58	2.63%	12
13	Between 1201 and 1300 kWh	5,643	1.8%	1.8%	\$ 488.53	\$ 501.36	\$ 12.83	2.63%	13
14	Between 1301 and 1400 kWh	4,018	1.3%	1.3%	\$ 536.17	\$ 549.24	\$ 13.07	2.63%	14
15	Between 1401 and 1500 kWh	2,813	0.9%	0.9%	\$ 583.71	\$ 599.04	\$ 15.33	2.63%	15
16	Between 1501 and 2000 kWh	6,202	2.0%	2.0%	\$ 700.01	\$ 718.33	\$ 18.32	2.62%	16
17	Between 2001 and 2500 kWh	1,756	0.6%	0.6%	\$ 943.26	\$ 967.88	\$ 24.62	2.61%	17
18	Between 2501 and 3000 kWh	619	0.2%	0.2%	\$ 1,184.98	\$ 1,215.91	\$ 30.93	2.61%	18
19	> 3000 kWh	682	0.2%	0.2%	\$ 2,046.08	\$ 2,099.34	\$ 53.26	2.60%	19
	Total	307,520	100.0%	100.0%	\$ 194.74	\$ 199.89	\$ 5.15	2.64%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	2,516	3.4%	3.4%	\$ 19.60	\$ 20.30	\$ 0.70	3.57%	1
2	Between 101 and 200 kWh	9,190	12.6%	12.6%	\$ 32.62	\$ 33.70	\$ 1.08	3.31%	2
3	Between 201 and 300 kWh	15,832	21.7%	21.7%	\$ 52.35	\$ 54.26	\$ 1.91	3.65%	3
4	Between 301 and 400 kWh	14,191	19.4%	19.4%	\$ 77.57	\$ 81.03	\$ 3.46	4.46%	4
5	Between 401 and 500 kWh	9,831	13.5%	13.5%	\$ 107.46	\$ 112.68	\$ 5.22	4.86%	5
6	Between 501 and 600 kWh	6,413	8.8%	8.8%	\$ 140.03	\$ 147.17	\$ 7.14	5.10%	6
7	Between 601 and 700 kWh	4,101	5.6%	5.6%	\$ 175.12	\$ 184.78	\$ 9.66	5.52%	7
8	Between 701 and 800 kWh	2,807	3.8%	3.8%	\$ 213.82	\$ 226.06	\$ 12.24	5.72%	8
9	Between 801 and 900 kWh	2,111	2.9%	2.9%	\$ 253.57	\$ 267.86	\$ 14.29	5.64%	9
10	Between 901 and 1000 kWh	1,523	2.1%	2.1%	\$ 296.29	\$ 312.19	\$ 15.90	5.37%	10
11	Between 1001 and 1100 kWh	1,074	1.5%	1.5%	\$ 338.68	\$ 355.98	\$ 17.30	5.11%	11
12	Between 1101 and 1200 kWh	812	1.1%	1.1%	\$ 381.10	\$ 399.67	\$ 18.57	4.87%	12
13	Between 1201 and 1300 kWh	641	0.9%	0.9%	\$ 424.02	\$ 443.85	\$ 19.83	4.68%	13
14	Between 1301 and 1400 kWh	491	0.7%	0.7%	\$ 468.57	\$ 489.72	\$ 21.15	4.51%	14
15	Between 1401 and 1500 kWh	353	0.5%	0.5%	\$ 510.10	\$ 532.46	\$ 22.36	4.38%	15
16	Between 1501 and 2000 kWh	734	1.0%	1.0%	\$ 620.57	\$ 646.05	\$ 25.48	4.11%	16
17	Between 2001 and 2500 kWh	139	0.3%	0.3%	\$ 839.35	\$ 870.03	\$ 31.68	3.78%	17
18	Between 2501 and 3000 kWh	80	0.1%	0.1%	\$ 1,065.70	\$ 1,103.74	\$ 38.04	3.57%	18
19	> 3000 kWh	87	0.1%	0.1%	\$ 1,711.09	\$ 1,767.34	\$ 56.25	3.29%	19
	Total	72,986	100.0%	100.0%	\$ 119.88	\$ 125.55	\$ 5.67	4.73%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	3,081	4.2%	4.2%	\$ 18.20	\$ 18.84	\$ 0.64	3.52%	1
2	Between 101 and 200 kWh	12,500	17.1%	17.1%	\$ 29.80	\$ 30.82	\$ 1.02	3.42%	2
3	Between 201 and 300 kWh	17,646	24.2%	24.2%	\$ 47.25	\$ 48.84	\$ 1.59	3.37%	3
4	Between 301 and 400 kWh	12,981	17.8%	17.8%	\$ 66.88	\$ 69.28	\$ 2.40	3.59%	4
5	Between 401 and 500 kWh	8,211	11.3%	11.3%	\$ 88.05	\$ 91.94	\$ 3.89	4.42%	5
6	Between 501 and 600 kWh	4,918	6.7%	6.7%	\$ 112.42	\$ 118.90	\$ 6.48	5.76%	6
7	Between 601 and 700 kWh	3,422	4.7%	4.7%	\$ 141.61	\$ 152.08	\$ 10.47	7.39%	7
8	Between 701 and 800 kWh	2,566	3.5%	3.5%	\$ 176.89	\$ 190.63	\$ 13.74	7.77%	8
9	Between 801 and 900 kWh	1,948	2.7%	2.7%	\$ 214.84	\$ 230.63	\$ 15.79	7.35%	9
10	Between 901 and 1000 kWh	1,396	1.9%	1.9%	\$ 253.49	\$ 270.85	\$ 17.36	6.85%	10
11	Between 1001 and 1100 kWh	1,016	1.4%	1.4%	\$ 293.00	\$ 311.71	\$ 18.71	6.39%	11
12	Between 1101 and 1200 kWh	829	1.1%	1.1%	\$ 333.28	\$ 353.35	\$ 20.07	6.02%	12
13	Between 1201 and 1300 kWh	581	0.8%	0.8%	\$ 373.05	\$ 394.41	\$ 21.36	5.73%	13
14	Between 1301 and 1400 kWh	455	0.6%	0.6%	\$ 413.61	\$ 436.29	\$ 22.68	5.48%	14
15	Between 1401 and 1500 kWh	321	0.4%	0.4%	\$ 454.45	\$ 478.40	\$ 23.95	5.27%	15
16	Between 1501 and 2000 kWh	750	1.0%	1.0%	\$ 555.00	\$ 581.97	\$ 26.97	4.86%	16
17	Between 2001 and 2500 kWh	203	0.3%	0.3%	\$ 761.92	\$ 795.22	\$ 33.30	4.37%	17
18	Between 2501 and 3000 kWh	77	0.1%	0.1%	\$ 957.72	\$ 996.99	\$ 39.27	4.10%	18
19	> 3000 kWh	85	0.1%	0.1%	\$ 1,523.77	\$ 1,580.21	\$ 56.44	3.70%	19
	Total	72,986	100.0%	100.0%	\$ 96.13	\$ 101.13	\$ 5.00	5.20%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	4,200	5.8%	5.8%	\$ 14.58	\$ 14.95	\$ 0.37	2.54%	1
2	Between 101 and 200 kWh	7,675	10.5%	10.5%	\$ 33.98	\$ 35.01	\$ 1.03	3.03%	2
3	Between 201 and 300 kWh	12,063	16.5%	16.5%	\$ 55.77	\$ 57.54	\$ 1.77	3.17%	3
4	Between 301 and 400 kWh	12,267	16.8%	16.8%	\$ 82.03	\$ 85.75	\$ 3.72	4.53%	4
5	Between 401 and 500 kWh	10,087	13.8%	13.8%	\$ 117.59	\$ 124.36	\$ 6.77	5.76%	5
6	Between 501 and 600 kWh	7,449	10.2%	10.2%	\$ 161.37	\$ 170.21	\$ 8.84	5.48%	6
7	Between 601 and 700 kWh	5,320	7.3%	7.3%	\$ 207.22	\$ 217.51	\$ 10.29	4.97%	7
8	Between 701 and 800 kWh	3,715	5.1%	5.1%	\$ 254.79	\$ 266.40	\$ 11.61	4.56%	8
9	Between 801 and 900 kWh	2,616	3.6%	3.6%	\$ 301.46	\$ 314.32	\$ 12.86	4.27%	9
10	Between 901 and 1000 kWh	1,802	2.5%	2.5%	\$ 349.37	\$ 363.50	\$ 14.13	4.04%	10
11	Between 1001 and 1100 kWh	1,417	1.9%	1.9%	\$ 396.86	\$ 412.23	\$ 15.37	3.87%	11
12	Between 1101 and 1200 kWh	1,046	1.4%	1.4%	\$ 443.66	\$ 460.25	\$ 16.59	3.74%	12
13	Between 1201 and 1300 kWh	827	1.1%	1.1%	\$ 491.42	\$ 509.27	\$ 17.85	3.63%	13
14	Between 1301 and 1400 kWh	551	0.8%	0.8%	\$ 539.36	\$ 558.45	\$ 19.09	3.54%	14
15	Between 1401 and 1500 kWh	457	0.6%	0.6%	\$ 584.73	\$ 604.97	\$ 20.24	3.46%	15
16	Between 1501 and 2000 kWh	995	1.4%	1.4%	\$ 706.80	\$ 730.22	\$ 23.42	3.31%	16
17	Between 2001 and 2500 kWh	260	0.4%	0.4%	\$ 949.02	\$ 978.73	\$ 29.71	3.13%	17
18	Between 2501 and 3000 kWh	110	0.2%	0.2%	\$ 1,197.57	\$ 1,233.72	\$ 36.15	3.02%	18
19	> 3000 kWh	129	0.2%	0.2%	\$ 1,868.72	\$ 1,922.29	\$ 53.57	2.87%	19
	Total	72,986	100.0%	100.0%	\$ 153.13	\$ 159.75	\$ 6.62	4.32%	



REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	1,289	16.2%	16.2%	\$ 13.98	\$ 14.27	\$ 0.29	2.07%	1
2	Between 101 and 200 kWh	681	8.6%	8.6%	\$ 33.63	\$ 34.62	\$ 0.99	2.94%	2
3	Between 201 and 300 kWh	685	8.6%	8.6%	\$ 55.50	\$ 57.13	\$ 1.63	2.94%	3
4	Between 301 and 400 kWh	723	9.1%	9.1%	\$ 78.26	\$ 80.54	\$ 2.28	2.91%	4
5	Between 401 and 500 kWh	809	10.2%	10.2%	\$ 102.87	\$ 105.87	\$ 3.00	2.92%	5
6	Between 501 and 600 kWh	840	10.6%	10.6%	\$ 134.22	\$ 138.11	\$ 3.89	2.90%	6
7	Between 601 and 700 kWh	758	9.6%	9.6%	\$ 170.36	\$ 175.31	\$ 4.95	2.91%	7
8	Between 701 and 800 kWh	594	7.5%	7.5%	\$ 209.43	\$ 215.60	\$ 6.17	2.95%	8
9	Between 801 and 900 kWh	418	5.3%	5.3%	\$ 250.85	\$ 258.24	\$ 7.39	2.95%	9
10	Between 901 and 1000 kWh	300	3.8%	3.8%	\$ 290.68	\$ 299.44	\$ 8.76	3.01%	10
11	Between 1001 and 1100 kWh	235	3.0%	3.0%	\$ 333.97	\$ 343.99	\$ 10.02	3.00%	11
12	Between 1101 and 1200 kWh	154	1.9%	1.9%	\$ 375.77	\$ 387.06	\$ 11.29	3.00%	12
13	Between 1201 and 1300 kWh	111	1.4%	1.4%	\$ 415.60	\$ 428.54	\$ 12.94	3.11%	13
14	Between 1301 and 1400 kWh	67	0.8%	0.8%	\$ 461.40	\$ 475.22	\$ 13.82	3.00%	14
15	Between 1401 and 1500 kWh	64	0.8%	0.8%	\$ 502.02	\$ 517.46	\$ 15.44	3.08%	15
16	Between 1501 and 2000 kWh	135	1.7%	1.7%	\$ 620.67	\$ 639.20	\$ 18.53	2.99%	16
17	Between 2001 and 2500 kWh	33	0.4%	0.4%	\$ 822.58	\$ 847.13	\$ 24.55	2.98%	17
18	Between 2501 and 3000 kWh	17	0.2%	0.2%	\$ 1,030.36	\$ 1,062.09	\$ 31.73	3.08%	18
19	> 3000 kWh	21	0.3%	0.3%	\$ 2,024.24	\$ 2,081.99	\$ 57.75	2.85%	19
	Total	7,934	100.0%	100.0%	\$ 150.44	\$ 154.87	\$ 4.43	2.94%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	1,494	18.8%	18.8%	\$ 13.62	\$ 13.90	\$ 0.28	2.06%	1
2	Between 101 and 200 kWh	682	8.6%	8.6%	\$ 32.02	\$ 33.02	\$ 1.00	3.12%	2
3	Between 201 and 300 kWh	691	8.7%	8.7%	\$ 50.76	\$ 52.36	\$ 1.60	3.15%	3
4	Between 301 and 400 kWh	891	11.2%	11.2%	\$ 70.21	\$ 72.42	\$ 2.21	3.15%	4
5	Between 401 and 500 kWh	928	11.7%	11.7%	\$ 91.15	\$ 94.00	\$ 2.85	3.13%	5
6	Between 501 and 600 kWh	833	10.5%	10.5%	\$ 119.43	\$ 123.15	\$ 3.72	3.11%	6
7	Between 601 and 700 kWh	657	8.3%	8.3%	\$ 152.96	\$ 157.74	\$ 4.78	3.13%	7
8	Between 701 and 800 kWh	499	6.2%	6.2%	\$ 190.66	\$ 196.60	\$ 5.94	3.12%	8
9	Between 801 and 900 kWh	355	4.5%	4.5%	\$ 227.39	\$ 234.66	\$ 7.27	3.20%	9
10	Between 901 and 1000 kWh	246	3.1%	3.1%	\$ 265.47	\$ 274.21	\$ 8.74	3.29%	10
11	Between 1001 and 1100 kWh	169	2.1%	2.1%	\$ 301.46	\$ 311.57	\$ 10.11	3.35%	11
12	Between 1101 and 1200 kWh	109	1.4%	1.4%	\$ 338.71	\$ 350.56	\$ 11.85	3.50%	12
13	Between 1201 and 1300 kWh	98	1.2%	1.2%	\$ 374.20	\$ 387.52	\$ 13.32	3.56%	13
14	Between 1301 and 1400 kWh	76	1.0%	1.0%	\$ 422.26	\$ 436.58	\$ 14.32	3.39%	14
15	Between 1401 and 1500 kWh	41	0.5%	0.5%	\$ 458.02	\$ 474.07	\$ 16.05	3.50%	15
16	Between 1501 and 2000 kWh	102	1.3%	1.3%	\$ 555.65	\$ 574.79	\$ 19.14	3.44%	16
17	Between 2001 and 2500 kWh	36	0.5%	0.5%	\$ 756.00	\$ 781.26	\$ 25.26	3.34%	17
18	Between 2501 and 3000 kWh	13	0.2%	0.2%	\$ 952.01	\$ 983.68	\$ 31.67	3.33%	18
19	> 3000 kWh	25	0.3%	0.3%	\$ 1,698.44	\$ 1,751.19	\$ 52.75	3.11%	19
	Total	7,934	100.0%	100.0%	\$ 123.20	\$ 127.15	\$ 3.95	3.21%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	1,332	16.8%	16.8%	\$ 11.34	\$ 11.55	\$ 0.21	1.85%	1
2	Between 101 and 200 kWh	692	8.7%	8.7%	\$ 32.41	\$ 33.32	\$ 0.91	2.81%	2
3	Between 201 and 300 kWh	612	7.7%	7.7%	\$ 56.01	\$ 57.55	\$ 1.54	2.75%	3
4	Between 301 and 400 kWh	614	7.7%	7.7%	\$ 79.55	\$ 81.71	\$ 2.16	2.72%	4
5	Between 401 and 500 kWh	651	8.2%	8.2%	\$ 104.69	\$ 107.50	\$ 2.81	2.68%	5
6	Between 501 and 600 kWh	637	8.0%	8.0%	\$ 136.66	\$ 139.39	\$ 2.72	2.74%	6
7	Between 601 and 700 kWh	620	7.8%	7.8%	\$ 176.89	\$ 181.77	\$ 4.88	2.76%	7
8	Between 701 and 800 kWh	603	7.6%	7.6%	\$ 220.46	\$ 226.61	\$ 6.15	2.79%	8
9	Between 801 and 900 kWh	459	5.8%	5.8%	\$ 267.30	\$ 274.72	\$ 7.42	2.78%	9
10	Between 901 and 1000 kWh	381	4.8%	4.8%	\$ 313.98	\$ 322.59	\$ 8.61	2.74%	10
11	Between 1001 and 1100 kWh	303	3.8%	3.8%	\$ 361.74	\$ 371.40	\$ 9.66	2.67%	11
12	Between 1101 and 1200 kWh	230	2.9%	2.9%	\$ 407.28	\$ 418.36	\$ 11.08	2.72%	12
13	Between 1201 and 1300 kWh	191	2.4%	2.4%	\$ 456.77	\$ 469.07	\$ 12.30	2.69%	13
14	Between 1301 and 1400 kWh	131	1.7%	1.7%	\$ 501.86	\$ 515.29	\$ 13.43	2.68%	14
15	Between 1401 and 1500 kWh	110	1.4%	1.4%	\$ 546.20	\$ 560.87	\$ 14.67	2.69%	15
16	Between 1501 and 2000 kWh	240	3.0%	3.0%	\$ 671.01	\$ 688.81	\$ 17.80	2.65%	16
17	Between 2001 and 2500 kWh	69	0.9%	0.9%	\$ 908.17	\$ 932.32	\$ 24.15	2.66%	17
18	Between 2501 and 3000 kWh	33	0.4%	0.4%	\$ 1,162.41	\$ 1,193.40	\$ 30.99	2.67%	18
19	> 3000 kWh	26	0.3%	0.3%	\$ 2,215.82	\$ 2,273.93	\$ 58.11	2.62%	19
	Total	7,934	100.0%	100.0%	\$ 188.58	\$ 193.68	\$ 5.10	2.70%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	323	8.8%	8.8%	\$ 15.48	\$ 15.86	\$ 0.38	2.45%	1
2	Between 101 and 200 kWh	233	6.4%	6.4%	\$ 32.89	\$ 33.95	\$ 1.06	3.22%	2
3	Between 201 and 300 kWh	231	6.3%	6.3%	\$ 53.47	\$ 55.16	\$ 1.69	3.16%	3
4	Between 301 and 400 kWh	267	7.3%	7.3%	\$ 74.94	\$ 77.42	\$ 2.48	3.31%	4
5	Between 401 and 500 kWh	281	7.7%	7.7%	\$ 95.41	\$ 98.56	\$ 3.15	3.30%	5
6	Between 501 and 600 kWh	345	9.4%	9.4%	\$ 118.69	\$ 123.07	\$ 4.38	3.69%	6
7	Between 601 and 700 kWh	349	9.5%	9.5%	\$ 142.93	\$ 148.50	\$ 5.57	3.90%	7
8	Between 701 and 800 kWh	322	8.8%	8.8%	\$ 171.67	\$ 179.00	\$ 7.33	4.27%	8
9	Between 801 and 900 kWh	296	8.1%	8.1%	\$ 206.04	\$ 215.10	\$ 9.06	4.40%	9
10	Between 901 and 1000 kWh	250	6.8%	6.8%	\$ 238.15	\$ 250.21	\$ 11.06	4.62%	10
11	Between 1001 and 1100 kWh	210	5.7%	5.7%	\$ 274.44	\$ 287.68	\$ 13.24	4.82%	11
12	Between 1101 and 1200 kWh	137	3.7%	3.7%	\$ 312.49	\$ 327.44	\$ 14.95	4.78%	12
13	Between 1201 and 1300 kWh	102	2.8%	2.8%	\$ 354.85	\$ 371.68	\$ 16.83	4.74%	13
14	Between 1301 and 1400 kWh	81	2.2%	2.2%	\$ 397.29	\$ 416.05	\$ 18.76	4.72%	14
15	Between 1401 and 1500 kWh	61	1.7%	1.7%	\$ 435.31	\$ 455.45	\$ 20.14	4.63%	15
16	Between 1501 and 2000 kWh	125	3.4%	3.4%	\$ 538.87	\$ 563.42	\$ 23.55	4.36%	16
17	Between 2001 and 2500 kWh	26	0.7%	0.7%	\$ 757.03	\$ 796.97	\$ 29.94	3.90%	17
18	Between 2501 and 3000 kWh	10	0.3%	0.3%	\$ 998.21	\$ 1,034.47	\$ 36.26	3.63%	18
19	> 3000 kWh	19	0.5%	0.5%	\$ 1,470.62	\$ 1,520.68	\$ 50.06	3.40%	19
	Total	3,668	100.0%	100.0%	\$ 179.78	\$ 187.39	\$ 7.61	4.23%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	361	9.8%	9.8%	\$ 14.98	\$ 15.33	\$ 0.35	2.34%	1
2	Between 101 and 200 kWh	217	5.9%	5.9%	\$ 30.39	\$ 31.40	\$ 1.01	3.32%	2
3	Between 201 and 300 kWh	211	5.8%	5.8%	\$ 49.47	\$ 51.10	\$ 1.63	3.29%	3
4	Between 301 and 400 kWh	260	7.1%	7.1%	\$ 68.85	\$ 71.19	\$ 2.34	3.40%	4
5	Between 401 and 500 kWh	309	8.4%	8.4%	\$ 89.28	\$ 92.33	\$ 3.05	3.42%	5
6	Between 501 and 600 kWh	336	9.2%	9.2%	\$ 107.30	\$ 110.99	\$ 3.69	3.44%	6
7	Between 601 and 700 kWh	327	8.9%	8.9%	\$ 127.63	\$ 132.30	\$ 4.67	3.66%	7
8	Between 701 and 800 kWh	316	8.6%	8.6%	\$ 148.96	\$ 154.81	\$ 5.85	3.93%	8
9	Between 801 and 900 kWh	276	7.5%	7.5%	\$ 172.24	\$ 180.04	\$ 7.80	4.53%	9
10	Between 901 and 1000 kWh	231	6.3%	6.3%	\$ 196.15	\$ 206.03	\$ 9.88	5.04%	10
11	Between 1001 and 1100 kWh	206	5.6%	5.6%	\$ 229.37	\$ 242.10	\$ 12.73	5.55%	11
12	Between 1101 and 1200 kWh	154	4.2%	4.2%	\$ 261.45	\$ 276.84	\$ 15.39	5.89%	12
13	Between 1201 and 1300 kWh	106	2.9%	2.9%	\$ 294.98	\$ 312.75	\$ 17.77	6.02%	13
14	Between 1301 and 1400 kWh	100	2.7%	2.7%	\$ 333.60	\$ 353.29	\$ 19.69	5.90%	14
15	Between 1401 and 1500 kWh	60	1.6%	1.6%	\$ 371.02	\$ 392.27	\$ 21.25	5.73%	15
16	Between 1501 and 2000 kWh	136	3.7%	3.7%	\$ 469.56	\$ 494.28	\$ 24.72	5.26%	16
17	Between 2001 and 2500 kWh	32	0.9%	0.9%	\$ 677.40	\$ 709.05	\$ 31.65	4.67%	17
18	Between 2501 and 3000 kWh	13	0.4%	0.4%	\$ 902.29	\$ 940.65	\$ 38.36	4.25%	18
19	> 3000 kWh	17	0.5%	0.5%	\$ 1,375.34	\$ 1,428.08	\$ 52.74	3.83%	19
	Total	3,668	100.0%	100.0%	\$ 158.31	\$ 165.72	\$ 7.41	4.68%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	398	10.9%	10.9%	\$ 11.97	\$ 12.21	\$ 0.24	2.01%	1
2	Between 101 and 200 kWh	248	6.8%	6.8%	\$ 31.55	\$ 32.45	\$ 0.90	2.85%	2
3	Between 201 and 300 kWh	257	7.0%	7.0%	\$ 56.68	\$ 58.33	\$ 1.65	2.91%	3
4	Between 301 and 400 kWh	269	7.3%	7.3%	\$ 79.17	\$ 81.44	\$ 2.27	2.87%	4
5	Between 401 and 500 kWh	301	8.2%	8.2%	\$ 101.54	\$ 104.48	\$ 2.94	2.90%	5
6	Between 501 and 600 kWh	328	8.9%	8.9%	\$ 126.60	\$ 130.63	\$ 4.23	3.34%	6
7	Between 601 and 700 kWh	302	8.2%	8.2%	\$ 159.07	\$ 165.89	\$ 6.82	4.29%	7
8	Between 701 and 800 kWh	301	8.2%	8.2%	\$ 198.62	\$ 207.93	\$ 9.31	4.69%	8
9	Between 801 and 900 kWh	255	7.0%	7.0%	\$ 243.77	\$ 254.78	\$ 11.01	4.52%	9
10	Between 901 and 1000 kWh	215	5.9%	5.9%	\$ 290.37	\$ 302.92	\$ 12.55	4.32%	10
11	Between 1001 and 1100 kWh	182	5.0%	5.0%	\$ 332.10	\$ 345.79	\$ 13.69	4.12%	11
12	Between 1101 and 1200 kWh	135	3.7%	3.7%	\$ 383.67	\$ 398.75	\$ 15.08	3.93%	12
13	Between 1201 and 1300 kWh	101	2.8%	2.8%	\$ 429.36	\$ 445.70	\$ 16.34	3.81%	13
14	Between 1301 and 1400 kWh	81	2.2%	2.2%	\$ 473.48	\$ 490.96	\$ 17.48	3.69%	14
15	Between 1401 and 1500 kWh	62	1.7%	1.7%	\$ 524.99	\$ 543.87	\$ 18.88	3.60%	15
16	Between 1501 and 2000 kWh	162	4.4%	4.4%	\$ 643.85	\$ 665.78	\$ 21.93	3.41%	16
17	Between 2001 and 2500 kWh	37	1.0%	1.0%	\$ 887.42	\$ 915.66	\$ 28.24	3.18%	17
18	Between 2501 and 3000 kWh	14	0.4%	0.4%	\$ 1,145.17	\$ 1,180.13	\$ 34.96	3.05%	18
19	> 3000 kWh	20	0.5%	0.5%	\$ 1,853.12	\$ 1,906.43	\$ 53.31	2.88%	19
	Total	3,668	100.0%	100.0%	\$ 209.84	\$ 217.72	\$ 7.88	3.76%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	186	17.1%	17.1%	\$ 15.91	\$ 16.25	\$ 0.34	2.14%	1
2	Between 101 and 200 kWh	194	17.9%	17.9%	\$ 32.15	\$ 33.10	\$ 0.95	2.95%	2
3	Between 201 and 300 kWh	128	11.8%	11.8%	\$ 53.81	\$ 55.39	\$ 1.58	2.94%	3
4	Between 301 and 400 kWh	127	11.7%	11.7%	\$ 84.06	\$ 86.51	\$ 2.45	2.91%	4
5	Between 401 and 500 kWh	110	10.1%	10.1%	\$ 111.73	\$ 114.92	\$ 3.19	2.86%	5
6	Between 501 and 600 kWh	86	7.9%	7.9%	\$ 142.53	\$ 146.65	\$ 4.12	2.89%	6
7	Between 601 and 700 kWh	57	5.3%	5.3%	\$ 175.33	\$ 180.39	\$ 5.06	2.89%	7
8	Between 701 and 800 kWh	43	4.0%	4.0%	\$ 213.53	\$ 219.65	\$ 6.12	2.87%	8
9	Between 801 and 900 kWh	36	3.3%	3.3%	\$ 267.70	\$ 275.28	\$ 7.58	2.83%	9
10	Between 901 and 1000 kWh	29	2.7%	2.7%	\$ 296.96	\$ 305.73	\$ 8.77	2.95%	10
11	Between 1001 and 1100 kWh	20	1.8%	1.8%	\$ 348.33	\$ 358.28	\$ 9.95	2.86%	11
12	Between 1101 and 1200 kWh	12	1.1%	1.1%	\$ 379.63	\$ 390.49	\$ 10.86	2.86%	12
13	Between 1201 and 1300 kWh	15	1.4%	1.4%	\$ 427.43	\$ 440.07	\$ 12.64	2.96%	13
14	Between 1301 and 1400 kWh	9	0.8%	0.8%	\$ 485.32	\$ 498.81	\$ 13.49	2.78%	14
15	Between 1401 and 1500 kWh	6	0.6%	0.6%	\$ 518.98	\$ 533.69	\$ 14.71	2.83%	15
16	Between 1501 and 2000 kWh	12	1.1%	1.1%	\$ 623.55	\$ 641.37	\$ 17.82	2.86%	16
17	Between 2001 and 2500 kWh	9	0.8%	0.8%	\$ 869.08	\$ 892.55	\$ 24.47	2.82%	17
18	Between 2501 and 3000 kWh	2	0.2%	0.2%	\$ 1,059.94	\$ 1,089.26	\$ 29.32	2.77%	18
19	> 3000 kWh	4	0.4%	0.4%	\$ 3,707.19	\$ 3,811.75	\$ 104.56	2.82%	19
	Total	1,085	100.0%	100.0%	\$ 134.92	\$ 138.78	\$ 3.86	2.86%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	221	20.4%	20.4%	\$ 13.23	\$ 13.51	\$ 0.28	2.12%	1
2	Between 101 and 200 kWh	201	18.5%	18.5%	\$ 29.89	\$ 30.84	\$ 0.95	3.18%	2
3	Between 201 and 300 kWh	169	15.6%	15.6%	\$ 48.38	\$ 49.92	\$ 1.54	3.18%	3
4	Between 301 and 400 kWh	136	12.5%	12.5%	\$ 71.67	\$ 73.94	\$ 2.27	3.17%	4
5	Between 401 and 500 kWh	113	10.4%	10.4%	\$ 100.54	\$ 103.69	\$ 3.15	3.13%	5
6	Between 501 and 600 kWh	74	6.8%	6.8%	\$ 130.17	\$ 134.29	\$ 4.12	3.17%	6
7	Between 601 and 700 kWh	48	4.4%	4.4%	\$ 170.15	\$ 175.51	\$ 5.36	3.15%	7
8	Between 701 and 800 kWh	33	3.0%	3.0%	\$ 206.45	\$ 213.15	\$ 6.70	3.25%	8
9	Between 801 and 900 kWh	23	2.1%	2.1%	\$ 246.25	\$ 254.25	\$ 8.00	3.25%	9
10	Between 901 and 1000 kWh	20	1.8%	1.8%	\$ 283.29	\$ 292.73	\$ 9.44	3.33%	10
11	Between 1001 and 1100 kWh	10	0.9%	0.9%	\$ 321.11	\$ 332.35	\$ 11.24	3.50%	11
12	Between 1101 and 1200 kWh	10	0.9%	0.9%	\$ 357.80	\$ 370.11	\$ 12.31	3.44%	12
13	Between 1201 and 1300 kWh	2	0.2%	0.2%	\$ 411.27	\$ 423.88	\$ 12.61	3.07%	13
14	Between 1301 and 1400 kWh	4	0.4%	0.4%	\$ 458.37	\$ 472.42	\$ 14.05	3.07%	14
15	Between 1401 and 1500 kWh	0	0.0%	0.0%	\$ 0.00	\$ 0.00	\$ 0.00	0.00%	15
16	Between 1501 and 2000 kWh	12	1.1%	1.1%	\$ 608.51	\$ 627.11	\$ 18.60	3.06%	16
17	Between 2001 and 2500 kWh	4	0.4%	0.4%	\$ 837.33	\$ 862.93	\$ 25.60	3.06%	17
18	Between 2501 and 3000 kWh	2	0.2%	0.2%	\$ 948.58	\$ 977.62	\$ 29.04	3.06%	18
19	> 3000 kWh	3	0.3%	0.3%	\$ 3,899.61	\$ 4,018.55	\$ 118.94	3.05%	19
	Total	1,085	100.0%	100.0%	\$ 99.40	\$ 102.53	\$ 3.13	3.15%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	241	22.2%	22.2%	\$ 12.10	\$ 12.33	\$ 0.23	1.90%	1
2	Between 101 and 200 kWh	154	14.2%	14.2%	\$ 31.98	\$ 32.88	\$ 0.90	2.81%	2
3	Between 201 and 300 kWh	96	8.8%	8.8%	\$ 55.91	\$ 57.44	\$ 1.53	2.74%	3
4	Between 301 and 400 kWh	73	6.7%	6.7%	\$ 80.51	\$ 82.68	\$ 2.17	2.70%	4
5	Between 401 and 500 kWh	70	6.5%	6.5%	\$ 105.42	\$ 108.24	\$ 2.82	2.68%	5
6	Between 501 and 600 kWh	65	6.0%	6.0%	\$ 136.58	\$ 139.20	\$ 2.62	2.67%	6
7	Between 601 and 700 kWh	74	6.8%	6.8%	\$ 168.38	\$ 172.91	\$ 4.53	2.69%	7
8	Between 701 and 800 kWh	55	5.1%	5.1%	\$ 212.52	\$ 218.23	\$ 5.71	2.69%	8
9	Between 801 and 900 kWh	55	5.1%	5.1%	\$ 254.11	\$ 260.84	\$ 6.73	2.65%	9
10	Between 901 and 1000 kWh	36	3.3%	3.3%	\$ 301.17	\$ 309.20	\$ 8.03	2.67%	10
11	Between 1001 and 1100 kWh	24	2.2%	2.2%	\$ 346.71	\$ 355.79	\$ 9.08	2.62%	11
12	Between 1101 and 1200 kWh	18	1.7%	1.7%	\$ 394.23	\$ 404.54	\$ 10.31	2.62%	12
13	Between 1201 and 1300 kWh	13	1.2%	1.2%	\$ 437.22	\$ 448.96	\$ 11.74	2.69%	13
14	Between 1301 and 1400 kWh	18	1.7%	1.7%	\$ 486.69	\$ 499.40	\$ 12.71	2.61%	14
15	Between 1401 and 1500 kWh	18	1.7%	1.7%	\$ 527.92	\$ 541.98	\$ 14.06	2.66%	15
16	Between 1501 and 2000 kWh	43	4.0%	4.0%	\$ 663.65	\$ 681.30	\$ 17.65	2.66%	16
17	Between 2001 and 2500 kWh	20	1.8%	1.8%	\$ 879.50	\$ 902.38	\$ 22.88	2.60%	17
18	Between 2501 and 3000 kWh	4	0.4%	0.4%	\$ 1,115.52	\$ 1,145.55	\$ 30.03	2.69%	18
19	> 3000 kWh	8	0.7%	0.7%	\$ 3,269.30	\$ 3,354.11	\$ 84.81	2.59%	19
	Total	1,085	100.0%	100.0%	\$ 184.66	\$ 189.54	\$ 4.88	2.64%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	123	10.6%	10.6%	\$ 16.51	\$ 16.94	\$ 0.43	2.60%	1
2	Between 101 and 200 kWh	139	11.9%	11.9%	\$ 31.59	\$ 32.58	\$ 0.99	3.13%	2
3	Between 201 and 300 kWh	159	13.7%	13.7%	\$ 52.07	\$ 53.77	\$ 1.70	3.26%	3
4	Between 301 and 400 kWh	149	12.8%	12.8%	\$ 78.78	\$ 81.49	\$ 2.71	3.44%	4
5	Between 401 and 500 kWh	111	9.5%	9.5%	\$ 98.91	\$ 102.64	\$ 3.73	3.77%	5
6	Between 501 and 600 kWh	102	8.8%	8.8%	\$ 125.58	\$ 130.42	\$ 4.84	3.85%	6
7	Between 601 and 700 kWh	91	7.8%	7.8%	\$ 154.65	\$ 160.97	\$ 6.32	4.09%	7
8	Between 701 and 800 kWh	56	4.8%	4.8%	\$ 195.39	\$ 203.41	\$ 8.02	4.10%	8
9	Between 801 and 900 kWh	63	5.4%	5.4%	\$ 223.69	\$ 233.25	\$ 9.56	4.27%	9
10	Between 901 and 1000 kWh	35	3.0%	3.0%	\$ 263.44	\$ 274.91	\$ 11.47	4.35%	10
11	Between 1001 and 1100 kWh	38	3.3%	3.3%	\$ 300.60	\$ 313.51	\$ 12.91	4.29%	11
12	Between 1101 and 1200 kWh	18	1.5%	1.5%	\$ 330.71	\$ 344.68	\$ 13.97	4.22%	12
13	Between 1201 and 1300 kWh	18	1.5%	1.5%	\$ 385.09	\$ 401.48	\$ 16.39	4.26%	13
14	Between 1301 and 1400 kWh	13	1.1%	1.1%	\$ 435.27	\$ 452.65	\$ 17.38	3.99%	14
15	Between 1401 and 1500 kWh	11	0.9%	0.9%	\$ 475.53	\$ 494.81	\$ 19.28	4.05%	15
16	Between 1501 and 2000 kWh	29	2.5%	2.5%	\$ 596.68	\$ 619.43	\$ 22.75	3.81%	16
17	Between 2001 and 2500 kWh	6	0.5%	0.5%	\$ 789.85	\$ 813.79	\$ 23.94	3.02%	17
18	Between 2501 and 3000 kWh	3	0.3%	0.3%	\$ 969.75	\$ 1,003.55	\$ 33.80	3.49%	18
19	> 3000 kWh	0	0.0%	0.0%	\$ -	\$ -	\$ -	-	19
	Total	1,164	100.0%	100.0%	\$ 136.32	\$ 141.65	\$ 5.33	3.91%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	150	12.9%	12.9%	\$ 15.42	\$ 15.83	\$ 0.41	2.66%	1
2	Between 101 and 200 kWh	151	13.0%	13.0%	\$ 30.19	\$ 31.21	\$ 1.02	3.38%	2
3	Between 201 and 300 kWh	155	13.3%	13.3%	\$ 48.07	\$ 49.66	\$ 1.59	3.31%	3
4	Between 301 and 400 kWh	149	12.8%	12.8%	\$ 67.33	\$ 69.66	\$ 2.33	3.46%	4
5	Between 401 and 500 kWh	136	11.7%	11.7%	\$ 90.63	\$ 94.02	\$ 3.39	3.74%	5
6	Between 501 and 600 kWh	107	9.2%	9.2%	\$ 109.86	\$ 114.30	\$ 4.44	4.04%	6
7	Between 601 and 700 kWh	82	7.0%	7.0%	\$ 134.13	\$ 140.21	\$ 6.08	4.53%	7
8	Between 701 and 800 kWh	61	5.2%	5.2%	\$ 160.84	\$ 168.96	\$ 8.12	5.05%	8
9	Between 801 and 900 kWh	57	4.9%	4.9%	\$ 190.69	\$ 200.92	\$ 10.23	5.36%	9
10	Between 901 and 1000 kWh	28	2.4%	2.4%	\$ 228.93	\$ 241.88	\$ 12.95	5.66%	10
11	Between 1001 and 1100 kWh	27	2.3%	2.3%	\$ 258.05	\$ 272.74	\$ 14.69	5.69%	11
12	Between 1101 and 1200 kWh	15	1.3%	1.3%	\$ 302.12	\$ 318.20	\$ 16.08	5.32%	12
13	Between 1201 and 1300 kWh	13	1.1%	1.1%	\$ 341.91	\$ 359.63	\$ 17.72	5.18%	13
14	Between 1301 and 1400 kWh	8	0.7%	0.7%	\$ 389.95	\$ 408.84	\$ 18.89	4.84%	14
15	Between 1401 and 1500 kWh	7	0.6%	0.6%	\$ 426.59	\$ 445.91	\$ 19.32	4.53%	15
16	Between 1501 and 2000 kWh	11	0.9%	0.9%	\$ 515.88	\$ 538.98	\$ 23.10	4.48%	16
17	Between 2001 and 2500 kWh	6	0.5%	0.5%	\$ 704.11	\$ 732.00	\$ 27.89	3.96%	17
18	Between 2501 and 3000 kWh	1	0.1%	0.1%	\$ 896.38	\$ 931.40	\$ 35.02	3.91%	18
19	> 3000 kWh	0	0.0%	0.0%	\$ -	\$ -	\$ -	-	19
	Total	1,164	100.0%	100.0%	\$ 102.54	\$ 107.10	\$ 4.56	4.45%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	172	14.8%	14.8%	\$ 12.77	\$ 13.05	\$ 0.28	2.19%	1
2	Between 101 and 200 kWh	153	13.1%	13.1%	\$ 31.68	\$ 32.60	\$ 0.92	2.90%	2
3	Between 201 and 300 kWh	125	10.7%	10.7%	\$ 54.67	\$ 56.21	\$ 1.54	2.82%	3
4	Between 301 and 400 kWh	111	9.5%	9.5%	\$ 80.67	\$ 83.09	\$ 2.42	3.00%	4
5	Between 401 and 500 kWh	81	7.0%	7.0%	\$ 104.30	\$ 107.53	\$ 3.23	3.10%	5
6	Between 501 and 600 kWh	80	6.8%	6.8%	\$ 130.95	\$ 135.42	\$ 4.47	3.41%	6
7	Between 601 and 700 kWh	65	5.6%	5.6%	\$ 160.16	\$ 166.29	\$ 6.13	3.83%	7
8	Between 701 and 800 kWh	71	6.1%	6.1%	\$ 196.95	\$ 204.95	\$ 8.00	4.06%	8
9	Between 801 and 900 kWh	40	3.4%	3.4%	\$ 238.31	\$ 247.78	\$ 9.47	3.97%	9
10	Between 901 and 1000 kWh	40	3.4%	3.4%	\$ 277.63	\$ 288.96	\$ 11.33	4.08%	10
11	Between 1001 and 1100 kWh	39	3.4%	3.4%	\$ 319.03	\$ 331.85	\$ 12.82	4.02%	11
12	Between 1101 and 1200 kWh	29	2.5%	2.5%	\$ 369.56	\$ 383.62	\$ 14.06	3.80%	12
13	Between 1201 and 1300 kWh	25	2.1%	2.1%	\$ 408.95	\$ 424.31	\$ 15.36	3.76%	13
14	Between 1301 and 1400 kWh	23	2.0%	2.0%	\$ 464.78	\$ 481.67	\$ 16.89	3.63%	14
15	Between 1401 and 1500 kWh	16	1.4%	1.4%	\$ 509.36	\$ 527.72	\$ 18.36	3.60%	15
16	Between 1501 and 2000 kWh	55	4.7%	4.7%	\$ 630.09	\$ 651.63	\$ 21.54	3.42%	16
17	Between 2001 and 2500 kWh	23	2.0%	2.0%	\$ 885.27	\$ 913.48	\$ 28.21	3.19%	17
18	Between 2501 and 3000 kWh	10	0.9%	0.9%	\$ 1,136.61	\$ 1,171.37	\$ 34.76	3.06%	18
19	> 3000 kWh	6	0.5%	0.5%	\$ 1,388.33	\$ 1,429.61	\$ 41.28	2.97%	19
	Total	1,164	100.0%	100.0%	\$ 183.61	\$ 190.03	\$ 6.42	3.50%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DRLI (Annual, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (%)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	6,133	2.6%	2.6%	\$ 7.64	\$ 7.92	0.28	3.66%	1
2	Between 101 and 200 kWh	39,800	16.6%	19.2%	\$ 17.35	\$ 17.96	0.61	3.52%	2
3	Between 201 and 300 kWh	56,595	23.6%	42.8%	\$ 29.88	\$ 30.96	1.08	3.61%	3
4	Between 301 and 400 kWh	49,135	20.3%	63.3%	\$ 45.59	\$ 47.40	1.81	3.97%	4
5	Between 401 and 500 kWh	35,481	14.8%	78.2%	\$ 66.23	\$ 68.85	2.62	3.96%	5
6	Between 501 and 600 kWh	22,480	9.4%	87.6%	\$ 90.55	\$ 94.08	3.53	3.90%	6
7	Between 601 and 700 kWh	13,471	5.6%	93.2%	\$ 115.89	\$ 120.36	4.47	3.86%	7
8	Between 701 and 800 kWh	7,600	3.2%	96.4%	\$ 141.56	\$ 146.99	5.43	3.84%	8
9	Between 801 and 900 kWh	4,156	1.7%	98.1%	\$ 167.20	\$ 173.57	6.37	3.81%	9
10	Between 901 and 1000 kWh	2,010	0.8%	98.9%	\$ 192.73	\$ 200.07	7.34	3.81%	10
11	Between 1001 and 1100 kWh	1,039	0.4%	99.4%	\$ 217.45	\$ 225.71	8.26	3.80%	11
12	Between 1101 and 1200 kWh	549	0.2%	99.6%	\$ 241.34	\$ 250.57	9.23	3.82%	12
13	Between 1201 and 1300 kWh	325	0.1%	99.7%	\$ 268.58	\$ 278.73	10.15	3.78%	13
14	Between 1301 and 1400 kWh	203	0.1%	99.8%	\$ 296.52	\$ 307.45	10.93	3.69%	14
15	Between 1401 and 1500 kWh	140	0.1%	99.9%	\$ 322.32	\$ 333.96	11.64	3.61%	15
16	Between 1501 and 2000 kWh	224	0.1%	100.0%	\$ 381.54	\$ 395.15	13.61	3.57%	16
17	Between 2001 and 2500 kWh	35	0.0%	100.0%	\$ 521.31	\$ 539.45	18.14	3.48%	17
18	Between 2501 and 3000 kWh	19	0.0%	100.0%	\$ 676.01	\$ 698.24	22.23	3.29%	18
19	> 3000 kWh	7	0.0%	100.0%	\$ 1,867.40	\$ 1,924.02	56.62	3.03%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 56.20</b>	<b>\$ 58.35</b>	<b>2.15</b>	<b>3.83%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DRLI (Winter, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	7,806	3.3%	3.3%	\$ 7.17	\$ 7.46	0.29	4.04%	1
2	Between 101 and 200 kWh	46,792	19.5%	22.8%	\$ 16.09	\$ 16.69	0.60	3.73%	2
3	Between 201 and 300 kWh	61,908	25.9%	48.7%	\$ 27.18	\$ 28.15	0.96	3.53%	3
4	Between 301 and 400 kWh	49,300	20.6%	69.3%	\$ 40.35	\$ 41.80	1.45	3.59%	4
5	Between 401 and 500 kWh	31,727	13.3%	82.5%	\$ 58.30	\$ 60.59	2.29	3.93%	5
6	Between 501 and 600 kWh	18,464	7.7%	90.2%	\$ 80.36	\$ 83.85	3.49	4.34%	6
7	Between 601 and 700 kWh	10,368	4.3%	94.6%	\$ 103.52	\$ 108.31	4.79	4.63%	7
8	Between 701 and 800 kWh	5,787	2.4%	97.0%	\$ 127.15	\$ 133.05	5.90	4.64%	8
9	Between 801 and 900 kWh	3,180	1.3%	98.3%	\$ 150.01	\$ 157.05	7.04	4.69%	9
10	Between 901 and 1000 kWh	1,685	0.7%	99.0%	\$ 172.11	\$ 180.17	8.06	4.68%	10
11	Between 1001 and 1100 kWh	884	0.4%	99.4%	\$ 193.44	\$ 202.44	9.00	4.65%	11
12	Between 1101 and 1200 kWh	568	0.2%	99.6%	\$ 214.91	\$ 225.22	10.31	4.80%	12
13	Between 1201 and 1300 kWh	302	0.1%	99.7%	\$ 236.20	\$ 247.61	11.41	4.83%	13
14	Between 1301 and 1400 kWh	204	0.1%	99.8%	\$ 259.84	\$ 271.99	12.15	4.68%	14
15	Between 1401 and 1500 kWh	110	0.0%	99.9%	\$ 285.20	\$ 298.26	13.06	4.58%	15
16	Between 1501 and 2000 kWh	220	0.1%	100.0%	\$ 341.63	\$ 356.76	15.13	4.43%	16
17	Between 2001 and 2500 kWh	46	0.0%	100.0%	\$ 466.03	\$ 484.90	18.87	4.05%	17
18	Between 2501 and 3000 kWh	10	0.0%	100.0%	\$ 596.32	\$ 610.59	14.27	2.39%	18
19	> 3000 kWh	10	0.0%	100.0%	\$ 1,383.13	\$ 1,430.25	47.12	3.41%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 45.77</b>	<b>\$ 47.63</b>	<b>1.86</b>	<b>4.06%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(ALL CUSTOMERS)**

Schedule DRLI (Summer, Basic and All Electric)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	8,408	3.5%	3.5%	\$ 6.85	\$ 7.09	0.24	3.50%	1
2	Between 101 and 200 kWh	35,919	15.0%	18.5%	\$ 18.54	\$ 19.14	0.60	3.24%	2
3	Between 201 and 300 kWh	48,726	20.4%	38.9%	\$ 31.88	\$ 32.94	1.06	3.32%	3
4	Between 301 and 400 kWh	44,084	18.4%	57.3%	\$ 48.34	\$ 50.42	2.08	4.30%	4
5	Between 401 and 500 kWh	33,949	14.2%	71.5%	\$ 71.78	\$ 74.84	3.06	4.26%	5
6	Between 501 and 600 kWh	24,036	10.0%	81.5%	\$ 99.46	\$ 103.30	3.84	3.86%	6
7	Between 601 and 700 kWh	16,495	6.9%	88.4%	\$ 128.25	\$ 132.80	4.55	3.55%	7
8	Between 701 and 800 kWh	10,932	4.6%	93.0%	\$ 157.61	\$ 162.88	5.27	3.34%	8
9	Between 801 and 900 kWh	7,080	3.0%	95.9%	\$ 186.59	\$ 192.54	5.95	3.19%	9
10	Between 901 and 1000 kWh	4,225	1.8%	97.7%	\$ 215.55	\$ 222.21	6.66	3.09%	10
11	Between 1001 and 1100 kWh	2,463	1.0%	98.7%	\$ 244.10	\$ 251.52	7.42	3.04%	11
12	Between 1101 and 1200 kWh	1,196	0.5%	99.2%	\$ 272.40	\$ 280.55	8.15	2.99%	12
13	Between 1201 and 1300 kWh	596	0.2%	99.5%	\$ 301.31	\$ 310.17	8.86	2.94%	13
14	Between 1301 and 1400 kWh	329	0.1%	99.6%	\$ 329.22	\$ 338.85	9.63	2.93%	14
15	Between 1401 and 1500 kWh	285	0.1%	99.7%	\$ 360.39	\$ 370.81	10.42	2.89%	15
16	Between 1501 and 2000 kWh	507	0.2%	99.9%	\$ 430.36	\$ 442.89	12.49	2.90%	16
17	Between 2001 and 2500 kWh	93	0.0%	100.0%	\$ 586.14	\$ 602.38	16.24	2.77%	17
18	Between 2501 and 3000 kWh	22	0.0%	100.0%	\$ 741.60	\$ 762.15	20.55	2.77%	18
19	> 3000 kWh	27	0.0%	100.0%	\$ 1,296.33	\$ 1,331.87	35.54	2.74%	19
	<b>Total</b>	<b>239,372</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 70.80</b>	<b>\$ 73.37</b>	<b>2.57</b>	<b>3.63%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	3,225	3.7%	3.7%	\$ 7.44	\$ 7.73	\$ 0.29	3.90%	1
2	Between 101 and 200 kWh	18,609	21.4%	25.1%	\$ 17.10	\$ 17.69	\$ 0.59	3.45%	2
3	Between 201 and 300 kWh	21,891	25.1%	50.2%	\$ 29.77	\$ 30.75	\$ 0.98	3.29%	3
4	Between 301 and 400 kWh	17,143	19.7%	69.9%	\$ 46.02	\$ 47.48	\$ 1.46	3.17%	4
5	Between 401 and 500 kWh	11,618	13.3%	83.3%	\$ 68.53	\$ 70.63	\$ 2.10	3.06%	5
6	Between 501 and 600 kWh	7,009	8.1%	91.3%	\$ 94.83	\$ 97.70	\$ 2.87	3.03%	6
7	Between 601 and 700 kWh	3,791	4.4%	95.7%	\$ 121.56	\$ 125.19	\$ 3.63	2.99%	7
8	Between 701 and 800 kWh	2,018	2.3%	98.0%	\$ 148.67	\$ 153.12	\$ 4.45	2.99%	8
9	Between 801 and 900 kWh	939	1.1%	99.1%	\$ 175.61	\$ 180.84	\$ 5.23	2.98%	9
10	Between 901 and 1000 kWh	406	0.5%	99.5%	\$ 202.91	\$ 208.95	\$ 6.04	2.98%	10
11	Between 1001 and 1100 kWh	198	0.2%	99.7%	\$ 230.42	\$ 237.21	\$ 6.79	2.95%	11
12	Between 1101 and 1200 kWh	75	0.1%	99.8%	\$ 259.47	\$ 267.12	\$ 7.65	2.95%	12
13	Between 1201 and 1300 kWh	54	0.1%	99.9%	\$ 285.87	\$ 294.45	\$ 8.58	3.00%	13
14	Between 1301 and 1400 kWh	32	0.0%	99.9%	\$ 313.69	\$ 322.79	\$ 9.10	2.90%	14
15	Between 1401 and 1500 kWh	21	0.0%	100.0%	\$ 344.79	\$ 354.75	\$ 9.96	2.89%	15
16	Between 1501 and 2000 kWh	31	0.0%	100.0%	\$ 405.09	\$ 417.06	\$ 11.97	2.95%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 512.10	\$ 526.99	\$ 14.89	2.91%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 727.36	\$ 749.72	\$ 22.36	3.07%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 967.93	\$ 998.17	\$ 30.24	3.12%	19
	Total	87,059	100.0%	100.0%	\$ 50.16	\$ 51.72	\$ 1.56	3.11%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	4,007	4.6%	4.6%	\$ 7.03	\$ 7.31	\$ 0.28	3.98%	1
2	Between 101 and 200 kWh	20,407	23.4%	28.0%	\$ 15.85	\$ 16.44	\$ 0.59	3.72%	2
3	Between 201 and 300 kWh	22,636	26.0%	54.0%	\$ 27.20	\$ 28.16	\$ 0.96	3.53%	3
4	Between 301 and 400 kWh	16,979	19.5%	73.5%	\$ 41.38	\$ 42.80	\$ 1.42	3.43%	4
5	Between 401 and 500 kWh	10,669	12.3%	85.8%	\$ 62.04	\$ 64.11	\$ 2.07	3.34%	5
6	Between 501 and 600 kWh	5,995	6.9%	92.7%	\$ 86.50	\$ 89.35	\$ 2.85	3.29%	6
7	Between 601 and 700 kWh	3,175	3.6%	96.3%	\$ 111.70	\$ 115.34	\$ 3.64	3.26%	7
8	Between 701 and 800 kWh	1,712	2.0%	98.3%	\$ 136.88	\$ 141.33	\$ 4.45	3.25%	8
9	Between 801 and 900 kWh	776	0.9%	99.2%	\$ 161.93	\$ 167.16	\$ 5.23	3.23%	9
10	Between 901 and 1000 kWh	375	0.4%	99.6%	\$ 187.42	\$ 193.46	\$ 6.04	3.22%	10
11	Between 1001 and 1100 kWh	157	0.2%	99.8%	\$ 211.76	\$ 218.77	\$ 7.01	3.31%	11
12	Between 1101 and 1200 kWh	70	0.1%	99.9%	\$ 238.38	\$ 245.93	\$ 7.55	3.17%	12
13	Between 1201 and 1300 kWh	34	0.0%	99.9%	\$ 263.20	\$ 271.80	\$ 8.60	3.27%	13
14	Between 1301 and 1400 kWh	24	0.0%	100.0%	\$ 290.36	\$ 299.90	\$ 9.54	3.29%	14
15	Between 1401 and 1500 kWh	8	0.0%	100.0%	\$ 317.09	\$ 327.12	\$ 10.03	3.16%	15
16	Between 1501 and 2000 kWh	27	0.0%	100.0%	\$ 376.40	\$ 388.88	\$ 12.48	3.32%	16
17	Between 2001 and 2500 kWh	4	0.0%	100.0%	\$ 504.95	\$ 520.79	\$ 15.84	3.14%	17
18	Between 2501 and 3000 kWh	1	0.0%	100.0%	\$ 610.99	\$ 639.09	\$ 28.10	4.60%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 797.04	\$ 824.88	\$ 27.84	3.49%	19
	Total	87,059	100.0%	100.0%	\$ 42.72	\$ 44.17	\$ 1.45	3.39%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	3,932	4.5%	4.5%	\$ 6.83	\$ 7.07	\$ 0.24	3.51%	1
2	Between 101 and 200 kWh	16,890	19.4%	23.9%	\$ 18.36	\$ 18.95	\$ 0.59	3.21%	2
3	Between 201 and 300 kWh	19,927	22.9%	46.8%	\$ 31.71	\$ 32.66	\$ 0.95	3.00%	3
4	Between 301 and 400 kWh	16,201	18.6%	65.4%	\$ 48.62	\$ 50.04	\$ 1.42	2.92%	4
5	Between 401 and 500 kWh	11,579	13.3%	78.7%	\$ 74.32	\$ 76.42	\$ 2.10	2.83%	5
6	Between 501 and 600 kWh	7,517	8.6%	87.3%	\$ 103.40	\$ 106.27	\$ 2.87	2.78%	6
7	Between 601 and 700 kWh	4,784	5.5%	92.8%	\$ 133.12	\$ 136.77	\$ 3.65	2.74%	7
8	Between 701 and 800 kWh	2,866	3.3%	96.1%	\$ 163.17	\$ 167.60	\$ 4.43	2.71%	8
9	Between 801 and 900 kWh	1,677	1.9%	98.1%	\$ 192.70	\$ 197.92	\$ 5.22	2.71%	9
10	Between 901 and 1000 kWh	829	1.0%	99.0%	\$ 222.12	\$ 228.12	\$ 6.00	2.70%	10
11	Between 1001 and 1100 kWh	364	0.4%	99.4%	\$ 251.65	\$ 258.44	\$ 6.79	2.70%	11
12	Between 1101 and 1200 kWh	159	0.2%	99.6%	\$ 281.92	\$ 289.47	\$ 7.55	2.68%	12
13	Between 1201 and 1300 kWh	120	0.1%	99.8%	\$ 311.59	\$ 319.92	\$ 8.33	2.67%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 342.09	\$ 351.22	\$ 9.13	2.67%	14
15	Between 1401 and 1500 kWh	58	0.1%	99.9%	\$ 373.49	\$ 383.45	\$ 9.96	2.67%	15
16	Between 1501 and 2000 kWh	78	0.1%	100.0%	\$ 445.31	\$ 457.22	\$ 11.91	2.67%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 581.30	\$ 596.73	\$ 15.43	2.65%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 720.57	\$ 739.66	\$ 19.09	2.65%	18
19	> 3000 kWh	9	0.0%	100.0%	\$ 1,100.01	\$ 1,130.21	\$ 30.20	2.75%	19
	Total	87,059	100.0%	100.0%	\$ 60.58	\$ 62.30	\$ 1.72	2.84%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	795	2.5%	2.5%	\$ 7.50	\$ 7.79	\$ 0.29	3.87%	1
2	Between 101 and 200 kWh	6,928	21.5%	24.0%	\$ 17.31	\$ 17.95	\$ 0.64	3.70%	2
3	Between 201 and 300 kWh	9,605	29.8%	53.9%	\$ 29.54	\$ 30.96	\$ 1.42	4.81%	3
4	Between 301 and 400 kWh	6,961	21.6%	75.5%	\$ 45.29	\$ 48.46	\$ 3.17	7.00%	4
5	Between 401 and 500 kWh	3,854	12.0%	87.5%	\$ 64.77	\$ 69.75	\$ 4.98	7.69%	5
6	Between 501 and 600 kWh	2,034	6.3%	93.8%	\$ 86.53	\$ 93.96	\$ 7.43	8.59%	6
7	Between 601 and 700 kWh	1,029	3.2%	97.0%	\$ 110.69	\$ 120.35	\$ 9.66	8.73%	7
8	Between 701 and 800 kWh	486	1.5%	98.5%	\$ 136.33	\$ 147.32	\$ 10.99	8.06%	8
9	Between 801 and 900 kWh	253	0.8%	99.3%	\$ 162.53	\$ 174.52	\$ 11.99	7.38%	9
10	Between 901 and 1000 kWh	127	0.4%	99.7%	\$ 188.80	\$ 201.64	\$ 12.84	6.80%	10
11	Between 1001 and 1100 kWh	57	0.2%	99.8%	\$ 215.51	\$ 229.14	\$ 13.63	6.32%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 243.16	\$ 257.63	\$ 14.47	5.95%	12
13	Between 1201 and 1300 kWh	10	0.0%	99.9%	\$ 269.56	\$ 284.83	\$ 15.27	5.66%	13
14	Between 1301 and 1400 kWh	7	0.0%	100.0%	\$ 300.63	\$ 316.54	\$ 15.91	5.29%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 324.08	\$ 340.68	\$ 16.60	5.12%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 372.10	\$ 380.28	\$ 8.18	4.89%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 536.04	\$ 558.99	\$ 22.95	4.28%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 7,575.06	\$ 7,800.83	\$ 225.77	2.98%	19
	<b>Total</b>	<b>32,178</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 44.44</b>	<b>\$ 47.43</b>	<b>\$ 2.99</b>	<b>6.73%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	888	2.8%	2.8%	\$ 7.02	\$ 7.32	\$ 0.30	4.27%	1
2	Between 101 and 200 kWh	7,511	23.3%	26.1%	\$ 16.12	\$ 16.73	\$ 0.61	3.78%	2
3	Between 201 and 300 kWh	9,815	30.5%	56.6%	\$ 26.82	\$ 27.81	\$ 0.99	3.69%	3
4	Between 301 and 400 kWh	6,527	20.3%	76.9%	\$ 38.56	\$ 40.33	\$ 1.77	4.59%	4
5	Between 401 and 500 kWh	3,515	10.9%	87.8%	\$ 52.01	\$ 55.92	\$ 3.91	7.52%	5
6	Between 501 and 600 kWh	1,820	5.7%	93.5%	\$ 69.20	\$ 77.17	\$ 7.97	11.52%	6
7	Between 601 and 700 kWh	941	2.9%	96.4%	\$ 90.89	\$ 101.56	\$ 10.67	11.74%	7
8	Between 701 and 800 kWh	493	1.5%	97.9%	\$ 115.40	\$ 127.51	\$ 12.11	10.49%	8
9	Between 801 and 900 kWh	310	1.0%	98.9%	\$ 140.56	\$ 153.66	\$ 13.10	9.32%	9
10	Between 901 and 1000 kWh	164	0.5%	99.4%	\$ 165.21	\$ 179.27	\$ 14.06	8.51%	10
11	Between 1001 and 1100 kWh	97	0.3%	99.7%	\$ 188.37	\$ 203.09	\$ 14.72	7.81%	11
12	Between 1101 and 1200 kWh	45	0.1%	99.8%	\$ 215.61	\$ 231.25	\$ 15.64	7.25%	12
13	Between 1201 and 1300 kWh	21	0.1%	99.9%	\$ 240.13	\$ 256.60	\$ 16.47	6.86%	13
14	Between 1301 and 1400 kWh	13	0.0%	99.9%	\$ 268.74	\$ 286.17	\$ 17.43	6.49%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 294.23	\$ 311.82	\$ 17.59	5.98%	15
16	Between 1501 and 2000 kWh	11	0.0%	100.0%	\$ 344.15	\$ 363.69	\$ 19.54	5.68%	16
17	Between 2001 and 2500 kWh	1	0.0%	100.0%	\$ 434.67	\$ 457.27	\$ 22.60	5.20%	17
18	Between 2501 and 3000 kWh	1	0.0%	100.0%	\$ 564.61	\$ 591.25	\$ 26.64	4.72%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 6,700.14	\$ 6,918.11	\$ 217.97	3.25%	19
	<b>Total</b>	<b>32,178</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 37.70</b>	<b>\$ 40.19</b>	<b>\$ 2.49</b>	<b>6.60%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(COASTAL CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	1,279	4.0%	4.0%	\$ 7.08	\$ 7.35	\$ 0.27	3.81%	1
2	Between 101 and 200 kWh	7,023	21.8%	25.8%	\$ 18.52	\$ 19.15	\$ 0.63	3.40%	2
3	Between 201 and 300 kWh	8,672	27.0%	52.8%	\$ 31.89	\$ 33.36	\$ 1.47	4.61%	3
4	Between 301 and 400 kWh	6,482	20.1%	72.9%	\$ 50.92	\$ 55.91	\$ 4.99	9.80%	4
5	Between 401 and 500 kWh	3,899	12.1%	85.0%	\$ 78.43	\$ 85.35	\$ 6.92	8.82%	5
6	Between 501 and 600 kWh	2,232	6.9%	91.9%	\$ 107.94	\$ 115.74	\$ 7.90	7.33%	6
7	Between 601 and 700 kWh	1,231	3.8%	95.8%	\$ 137.45	\$ 146.19	\$ 8.74	6.36%	7
8	Between 701 and 800 kWh	724	2.2%	98.0%	\$ 166.96	\$ 176.51	\$ 9.55	5.72%	8
9	Between 801 and 900 kWh	350	1.1%	99.1%	\$ 196.67	\$ 207.02	\$ 10.35	5.26%	9
10	Between 901 and 1000 kWh	164	0.5%	99.6%	\$ 227.58	\$ 238.73	\$ 11.15	4.90%	10
11	Between 1001 and 1100 kWh	70	0.2%	99.8%	\$ 257.53	\$ 269.48	\$ 11.95	4.64%	11
12	Between 1101 and 1200 kWh	22	0.1%	99.9%	\$ 288.13	\$ 300.81	\$ 12.68	4.40%	12
13	Between 1201 and 1300 kWh	6	0.0%	99.9%	\$ 311.29	\$ 324.66	\$ 13.37	4.30%	13
14	Between 1301 and 1400 kWh	5	0.0%	99.9%	\$ 342.16	\$ 356.35	\$ 14.19	4.15%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 377.31	\$ 392.43	\$ 15.12	4.01%	15
16	Between 1501 and 2000 kWh	12	0.0%	100.0%	\$ 437.78	\$ 454.49	\$ 16.71	3.82%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 634.19	\$ 656.06	\$ 21.87	3.45%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 8,799.93	\$ 9,036.64	\$ 236.71	2.69%	19
	<b>Total</b>	<b>32,178</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 53.86</b>	<b>\$ 57.57</b>	<b>\$ 3.71</b>	<b>6.89%</b>	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	1,525	2.0%	2.0%	\$ 8.21	\$ 8.51	\$ 0.30	3.65%	1
2	Between 101 and 200 kWh	9,291	12.1%	14.1%	\$ 17.63	\$ 18.23	\$ 0.60	3.40%	2
3	Between 201 and 300 kWh	15,106	19.8%	33.9%	\$ 30.28	\$ 31.26	\$ 0.98	3.24%	3
4	Between 301 and 400 kWh	15,279	20.0%	53.9%	\$ 45.86	\$ 47.30	\$ 1.44	3.14%	4
5	Between 401 and 500 kWh	12,739	16.7%	70.5%	\$ 66.55	\$ 68.59	\$ 2.04	3.07%	5
6	Between 501 and 600 kWh	9,044	11.8%	82.4%	\$ 91.76	\$ 94.52	\$ 2.76	3.01%	6
7	Between 601 and 700 kWh	6,035	7.9%	90.2%	\$ 118.34	\$ 121.88	\$ 3.54	2.99%	7
8	Between 701 and 800 kWh	3,499	4.6%	94.8%	\$ 145.01	\$ 149.36	\$ 4.35	3.00%	8
9	Between 801 and 900 kWh	1,997	2.6%	97.4%	\$ 171.78	\$ 176.93	\$ 5.15	3.00%	9
10	Between 901 and 1000 kWh	934	1.2%	98.6%	\$ 195.19	\$ 205.20	\$ 10.01	5.13%	10
11	Between 1001 and 1100 kWh	448	0.6%	99.2%	\$ 228.61	\$ 233.50	\$ 4.89	2.14%	11
12	Between 1101 and 1200 kWh	226	0.3%	99.5%	\$ 254.23	\$ 261.87	\$ 7.64	3.01%	12
13	Between 1201 and 1300 kWh	118	0.2%	99.7%	\$ 285.59	\$ 293.97	\$ 8.38	2.93%	13
14	Between 1301 and 1400 kWh	79	0.1%	99.8%	\$ 311.41	\$ 320.75	\$ 9.34	3.00%	14
15	Between 1401 and 1500 kWh	58	0.1%	99.9%	\$ 336.61	\$ 346.98	\$ 10.37	3.08%	15
16	Between 1501 and 2000 kWh	83	0.1%	100.0%	\$ 399.33	\$ 411.26	\$ 11.93	2.99%	16
17	Between 2001 and 2500 kWh	13	0.0%	100.0%	\$ 852.84	\$ 868.73	\$ 15.89	1.86%	17
18	Between 2501 and 3000 kWh	6	0.0%	100.0%	\$ 898.65	\$ 918.73	\$ 20.08	2.23%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 864.31	\$ 890.95	\$ 26.64	3.08%	19
	Total	76,483	100.0%	100.0%	\$ 65.98	\$ 68.01	\$ 2.03	3.08%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	2,123	2.8%	2.8%	\$ 7.61	\$ 7.90	\$ 0.29	3.81%	1
2	Between 101 and 200 kWh	12,256	16.0%	18.8%	\$ 16.24	\$ 16.84	\$ 0.60	3.69%	2
3	Between 201 and 300 kWh	17,778	23.2%	42.0%	\$ 27.43	\$ 28.39	\$ 0.96	3.50%	3
4	Between 301 and 400 kWh	16,280	21.3%	63.3%	\$ 41.02	\$ 42.42	\$ 1.40	3.41%	4
5	Between 401 and 500 kWh	11,466	15.0%	78.3%	\$ 60.64	\$ 62.66	\$ 2.02	3.33%	5
6	Between 501 and 600 kWh	7,383	9.7%	88.0%	\$ 84.78	\$ 87.57	\$ 2.79	3.29%	6
7	Between 601 and 700 kWh	4,267	5.6%	93.6%	\$ 109.71	\$ 113.32	\$ 3.61	3.29%	7
8	Between 701 and 800 kWh	2,324	3.0%	96.6%	\$ 134.44	\$ 138.88	\$ 4.44	3.30%	8
9	Between 801 and 900 kWh	1,268	1.7%	98.3%	\$ 159.55	\$ 164.81	\$ 5.26	3.30%	9
10	Between 901 and 1000 kWh	626	0.8%	99.1%	\$ 183.27	\$ 189.47	\$ 6.20	3.38%	10
11	Between 1001 and 1100 kWh	290	0.4%	99.4%	\$ 207.95	\$ 215.07	\$ 7.12	3.42%	11
12	Between 1101 and 1200 kWh	185	0.2%	99.7%	\$ 233.26	\$ 241.31	\$ 8.05	3.45%	12
13	Between 1201 and 1300 kWh	80	0.1%	99.8%	\$ 259.88	\$ 268.77	\$ 8.89	3.42%	13
14	Between 1301 and 1400 kWh	53	0.1%	99.9%	\$ 284.80	\$ 294.31	\$ 9.51	3.34%	14
15	Between 1401 and 1500 kWh	35	0.0%	99.9%	\$ 305.03	\$ 315.97	\$ 10.94	3.59%	15
16	Between 1501 and 2000 kWh	52	0.1%	100.0%	\$ 364.34	\$ 376.96	\$ 12.62	3.46%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 501.03	\$ 517.37	\$ 16.34	3.26%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 611.70	\$ 630.91	\$ 19.21	3.14%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 835.58	\$ 863.41	\$ 27.83	3.33%	19
	Total	76,483	100.0%	100.0%	\$ 51.89	\$ 53.64	\$ 1.75	3.37%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	2,202	2.9%	2.9%	\$ 6.79	\$ 7.01	\$ 0.22	3.24%	1
2	Between 101 and 200 kWh	7,503	9.8%	12.7%	\$ 18.72	\$ 19.32	\$ 0.60	3.21%	2
3	Between 201 and 300 kWh	12,126	15.9%	28.5%	\$ 32.01	\$ 32.97	\$ 0.96	3.00%	3
4	Between 301 and 400 kWh	12,874	16.8%	45.4%	\$ 47.24	\$ 48.62	\$ 1.38	2.92%	4
5	Between 401 and 500 kWh	11,454	15.0%	60.4%	\$ 68.41	\$ 70.36	\$ 1.95	2.85%	5
6	Between 501 and 600 kWh	9,259	12.1%	72.5%	\$ 95.76	\$ 98.45	\$ 2.69	2.81%	6
7	Between 601 and 700 kWh	6,831	9.1%	81.5%	\$ 124.96	\$ 128.41	\$ 3.45	2.76%	7
8	Between 701 and 800 kWh	5,073	6.6%	88.2%	\$ 154.65	\$ 158.99	\$ 4.34	2.74%	8
9	Between 801 and 900 kWh	3,590	4.7%	92.8%	\$ 184.40	\$ 189.44	\$ 5.04	2.73%	9
10	Between 901 and 1000 kWh	2,329	3.0%	95.9%	\$ 214.11	\$ 219.92	\$ 5.81	2.71%	10
11	Between 1001 and 1100 kWh	1,464	1.9%	97.8%	\$ 243.39	\$ 249.98	\$ 6.59	2.71%	11
12	Between 1101 and 1200 kWh	701	0.9%	98.7%	\$ 273.12	\$ 280.52	\$ 7.40	2.71%	12
13	Between 1201 and 1300 kWh	316	0.4%	99.1%	\$ 303.50	\$ 311.71	\$ 8.21	2.71%	13
14	Between 1301 and 1400 kWh	166	0.2%	99.4%	\$ 333.95	\$ 342.92	\$ 8.97	2.69%	14
15	Between 1401 and 1500 kWh	146	0.2%	99.5%	\$ 364.09	\$ 373.92	\$ 9.83	2.70%	15
16	Between 1501 and 2000 kWh	265	0.3%	99.9%	\$ 432.32	\$ 443.92	\$ 11.60	2.68%	16
17	Between 2001 and 2500 kWh	61	0.1%	100.0%	\$ 587.43	\$ 603.03	\$ 15.60	2.66%	17
18	Between 2501 and 3000 kWh	11	0.0%	100.0%	\$ 759.86	\$ 779.99	\$ 20.13	2.65%	18
19	> 3000 kWh	12	0.0%	100.0%	\$ 989.72	\$ 1,016.18	\$ 26.46	2.67%	19
	Total	76,483	100.0%	100.0%	\$ 85.72	\$ 88.12	\$ 2.40	2.80%	



REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR1 (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	517	1.2%	1.2%	\$ 7.66	\$ 7.96	\$ 0.30	3.92%	1
2	Between 101 and 200 kWh	4,890	11.8%	13.1%	\$ 17.81	\$ 18.43	\$ 0.62	3.48%	2
3	Between 201 and 300 kWh	9,840	23.8%	36.8%	\$ 29.83	\$ 30.95	\$ 1.12	3.75%	3
4	Between 301 and 400 kWh	9,515	23.0%	59.8%	\$ 44.62	\$ 46.71	\$ 2.09	4.68%	4
5	Between 401 and 500 kWh	6,984	16.9%	76.7%	\$ 62.94	\$ 66.21	\$ 3.27	5.20%	5
6	Between 501 and 600 kWh	4,127	10.0%	86.7%	\$ 83.54	\$ 87.99	\$ 4.45	5.33%	6
7	Between 601 and 700 kWh	2,337	5.6%	92.3%	\$ 104.78	\$ 110.84	\$ 6.06	5.78%	7
8	Between 701 and 800 kWh	1,381	3.3%	95.6%	\$ 127.96	\$ 135.86	\$ 7.90	6.17%	8
9	Between 801 and 900 kWh	770	1.9%	97.5%	\$ 153.81	\$ 162.93	\$ 9.32	6.07%	9
10	Between 901 and 1000 kWh	408	1.0%	98.5%	\$ 178.99	\$ 189.31	\$ 10.32	5.77%	10
11	Between 1001 and 1100 kWh	233	0.6%	99.0%	\$ 205.10	\$ 216.28	\$ 11.18	5.45%	11
12	Between 1101 and 1200 kWh	150	0.4%	99.4%	\$ 232.26	\$ 244.20	\$ 11.94	5.14%	12
13	Between 1201 and 1300 kWh	90	0.2%	99.6%	\$ 259.83	\$ 272.65	\$ 12.82	4.93%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 287.42	\$ 300.99	\$ 13.57	4.72%	14
15	Between 1401 and 1500 kWh	29	0.1%	99.8%	\$ 315.60	\$ 329.99	\$ 14.29	4.53%	15
16	Between 1501 and 2000 kWh	57	0.1%	100.0%	\$ 375.86	\$ 391.98	\$ 16.12	4.29%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 520.52	\$ 540.86	\$ 20.34	3.91%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 664.58	\$ 688.87	\$ 24.29	3.65%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	41,398	100.0%	100.0%	\$ 57.19	\$ 60.08	\$ 2.89	5.05%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR1 (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	697	1.7%	1.7%	\$ 7.06	\$ 7.35	\$ 0.29	4.11%	1
2	Between 101 and 200 kWh	6,535	15.8%	17.5%	\$ 16.46	\$ 17.08	\$ 0.62	3.77%	2
3	Between 201 and 300 kWh	11,485	27.7%	45.2%	\$ 27.07	\$ 28.04	\$ 0.97	3.58%	3
4	Between 301 and 400 kWh	9,283	22.4%	67.6%	\$ 38.56	\$ 39.97	\$ 1.41	3.66%	4
5	Between 401 and 500 kWh	5,787	14.0%	81.6%	\$ 50.83	\$ 53.09	\$ 2.26	4.45%	5
6	Between 501 and 600 kWh	2,982	7.2%	88.8%	\$ 64.82	\$ 68.74	\$ 3.92	6.05%	6
7	Between 601 and 700 kWh	1,769	4.3%	93.1%	\$ 82.61	\$ 89.41	\$ 6.80	8.23%	7
8	Between 701 and 800 kWh	1,056	2.6%	95.6%	\$ 104.76	\$ 113.72	\$ 8.96	8.55%	8
9	Between 801 and 900 kWh	665	1.6%	97.2%	\$ 128.52	\$ 138.77	\$ 10.25	7.98%	9
10	Between 901 and 1000 kWh	382	0.9%	98.2%	\$ 153.11	\$ 164.36	\$ 11.25	7.35%	10
11	Between 1001 and 1100 kWh	261	0.6%	98.8%	\$ 178.39	\$ 190.51	\$ 12.12	6.79%	11
12	Between 1101 and 1200 kWh	182	0.4%	99.2%	\$ 204.32	\$ 217.29	\$ 12.97	6.35%	12
13	Between 1201 and 1300 kWh	110	0.3%	99.5%	\$ 227.83	\$ 241.59	\$ 13.76	6.04%	13
14	Between 1301 and 1400 kWh	65	0.2%	99.7%	\$ 254.34	\$ 268.98	\$ 14.64	5.76%	14
15	Between 1401 and 1500 kWh	41	0.1%	99.8%	\$ 281.27	\$ 296.65	\$ 15.38	5.47%	15
16	Between 1501 and 2000 kWh	80	0.2%	100.0%	\$ 338.14	\$ 355.23	\$ 17.09	5.05%	16
17	Between 2001 and 2500 kWh	14	0.0%	100.0%	\$ 465.82	\$ 487.10	\$ 21.28	4.57%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 588.69	\$ 613.74	\$ 25.05	4.26%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	41,398	100.0%	100.0%	\$ 44.50	\$ 46.82	\$ 2.32	5.21%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(INLAND CUSTOMERS)  
Schedule DR1 (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	890	2.1%	2.1%	\$ 6.98	\$ 7.22	\$ 0.24	3.44%	1
2	Between 101 and 200 kWh	4,394	10.6%	12.8%	\$ 18.91	\$ 19.53	\$ 0.62	3.28%	2
3	Between 201 and 300 kWh	7,842	18.9%	31.7%	\$ 32.09	\$ 33.13	\$ 1.04	3.24%	3
4	Between 301 and 400 kWh	8,291	20.0%	51.7%	\$ 47.52	\$ 49.76	\$ 2.24	4.71%	4
5	Between 401 and 500 kWh	6,778	16.4%	68.1%	\$ 69.75	\$ 74.14	\$ 4.39	6.29%	5
6	Between 501 and 600 kWh	4,801	11.6%	79.7%	\$ 97.53	\$ 103.29	\$ 5.76	5.91%	6
7	Between 601 and 700 kWh	3,328	8.0%	87.7%	\$ 128.47	\$ 133.14	\$ 4.67	3.64%	7
8	Between 701 and 800 kWh	2,080	5.0%	92.8%	\$ 156.50	\$ 163.99	\$ 7.49	4.79%	8
9	Between 801 and 900 kWh	1,286	3.1%	95.9%	\$ 186.03	\$ 194.31	\$ 8.28	4.45%	9
10	Between 901 and 1000 kWh	759	1.8%	97.7%	\$ 216.02	\$ 225.09	\$ 9.07	4.20%	10
11	Between 1001 and 1100 kWh	466	1.1%	98.8%	\$ 245.14	\$ 254.99	\$ 9.85	4.02%	11
12	Between 1101 and 1200 kWh	215	0.5%	99.4%	\$ 274.71	\$ 285.34	\$ 10.63	3.87%	12
13	Between 1201 and 1300 kWh	86	0.2%	99.6%	\$ 305.43	\$ 316.84	\$ 11.41	3.74%	13
14	Between 1301 and 1400 kWh	45	0.1%	99.7%	\$ 336.00	\$ 348.23	\$ 12.23	3.64%	14
15	Between 1401 and 1500 kWh	31	0.1%	99.7%	\$ 365.18	\$ 378.09	\$ 12.91	3.54%	15
16	Between 1501 and 2000 kWh	87	0.2%	100.0%	\$ 434.89	\$ 449.74	\$ 14.85	3.41%	16
17	Between 2001 and 2500 kWh	10	0.0%	100.0%	\$ 591.95	\$ 610.94	\$ 18.99	3.21%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 733.94	\$ 756.66	\$ 22.72	3.10%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 904.12	\$ 931.32	\$ 27.20	3.01%	19
	Total	41,398	100.0%	100.0%	\$ 74.95	\$ 78.64	\$ 3.69	4.92%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	47	3.8%	3.8%	\$ 5.13	\$ 5.28	\$ 0.15	2.92%	1
2	Between 101 and 200 kWh	51	4.1%	7.9%	\$ 18.77	\$ 19.40	\$ 0.63	3.36%	2
3	Between 201 and 300 kWh	96	7.8%	15.7%	\$ 30.62	\$ 31.62	\$ 1.00	3.27%	3
4	Between 301 and 400 kWh	117	9.5%	25.1%	\$ 44.34	\$ 45.75	\$ 1.41	3.18%	4
5	Between 401 and 500 kWh	182	14.7%	39.8%	\$ 58.91	\$ 60.78	\$ 1.87	3.17%	5
6	Between 501 and 600 kWh	162	13.1%	52.9%	\$ 77.66	\$ 80.10	\$ 2.44	3.14%	6
7	Between 601 and 700 kWh	160	12.9%	65.8%	\$ 100.12	\$ 103.26	\$ 3.14	3.14%	7
8	Between 701 and 800 kWh	120	9.7%	75.5%	\$ 124.13	\$ 128.03	\$ 3.90	3.14%	8
9	Between 801 and 900 kWh	105	8.5%	84.0%	\$ 147.25	\$ 152.14	\$ 4.89	3.32%	9
10	Between 901 and 1000 kWh	64	5.2%	89.2%	\$ 172.97	\$ 178.82	\$ 5.85	3.38%	10
11	Between 1001 and 1100 kWh	52	4.2%	93.4%	\$ 197.92	\$ 204.59	\$ 6.67	3.37%	11
12	Between 1101 and 1200 kWh	32	2.6%	96.0%	\$ 216.78	\$ 224.93	\$ 8.15	3.76%	12
13	Between 1201 and 1300 kWh	13	1.1%	97.0%	\$ 250.80	\$ 259.42	\$ 8.62	3.44%	13
14	Between 1301 and 1400 kWh	13	1.1%	98.1%	\$ 274.30	\$ 283.86	\$ 9.56	3.49%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.8%	\$ 302.50	\$ 312.53	\$ 10.03	3.32%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.9%	\$ 362.05	\$ 374.86	\$ 12.81	3.57%	16
17	Between 2001 and 2500 kWh	1	0.1%	100.0%	\$ 500.57	\$ 515.03	\$ 14.46	2.89%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	1,238	100.0%	100.0%	\$ 98.89	\$ 102.13	\$ 3.24	3.28%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	57	4.6%	4.6%	\$ 5.09	\$ 5.23	\$ 0.14	2.75%	1
2	Between 101 and 200 kWh	43	3.5%	8.1%	\$ 17.56	\$ 18.19	\$ 0.63	3.59%	2
3	Between 201 and 300 kWh	106	8.6%	16.6%	\$ 29.41	\$ 30.44	\$ 1.03	3.50%	3
4	Between 301 and 400 kWh	120	9.7%	26.3%	\$ 40.08	\$ 41.45	\$ 1.37	3.42%	4
5	Between 401 and 500 kWh	183	14.8%	41.1%	\$ 53.23	\$ 55.03	\$ 1.80	3.38%	5
6	Between 501 and 600 kWh	173	14.0%	55.1%	\$ 72.03	\$ 74.43	\$ 2.40	3.33%	6
7	Between 601 and 700 kWh	130	10.5%	65.6%	\$ 91.76	\$ 94.83	\$ 3.07	3.35%	7
8	Between 701 and 800 kWh	122	9.9%	75.4%	\$ 114.86	\$ 118.69	\$ 3.83	3.33%	8
9	Between 801 and 900 kWh	83	6.7%	82.1%	\$ 135.81	\$ 140.44	\$ 4.63	3.41%	9
10	Between 901 and 1000 kWh	71	5.7%	87.9%	\$ 153.80	\$ 159.39	\$ 5.59	3.63%	10
11	Between 1001 and 1100 kWh	42	3.4%	91.3%	\$ 171.46	\$ 178.56	\$ 7.10	4.14%	11
12	Between 1101 and 1200 kWh	36	2.9%	94.2%	\$ 197.15	\$ 204.96	\$ 7.81	3.96%	12
13	Between 1201 and 1300 kWh	22	1.8%	96.0%	\$ 227.07	\$ 235.74	\$ 8.67	3.82%	13
14	Between 1301 and 1400 kWh	19	1.5%	97.5%	\$ 247.17	\$ 256.99	\$ 9.82	3.97%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.2%	\$ 265.10	\$ 276.17	\$ 11.07	4.18%	15
16	Between 1501 and 2000 kWh	17	1.4%	99.6%	\$ 326.24	\$ 339.39	\$ 13.15	4.03%	16
17	Between 2001 and 2500 kWh	5	0.4%	100.0%	\$ 455.67	\$ 471.25	\$ 15.58	3.42%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	1,238	100.0%	100.0%	\$ 91.69	\$ 94.96	\$ 3.27	3.57%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	67	5.4%	5.4%	\$ 4.80	\$ 4.94	\$ 0.14	2.92%	1
2	Between 101 and 200 kWh	72	5.8%	11.2%	\$ 19.70	\$ 20.32	\$ 0.62	3.15%	2
3	Between 201 and 300 kWh	99	8.0%	19.2%	\$ 32.22	\$ 33.19	\$ 0.97	3.01%	3
4	Between 301 and 400 kWh	142	11.5%	30.7%	\$ 46.31	\$ 47.66	\$ 1.35	2.92%	4
5	Between 401 and 500 kWh	149	12.0%	42.7%	\$ 60.60	\$ 62.37	\$ 1.77	2.92%	5
6	Between 501 and 600 kWh	135	10.9%	53.6%	\$ 79.60	\$ 81.91	\$ 2.31	2.90%	6
7	Between 601 and 700 kWh	131	10.6%	64.2%	\$ 105.87	\$ 108.03	\$ 2.16	2.98%	7
8	Between 701 and 800 kWh	118	9.5%	73.7%	\$ 134.33	\$ 138.46	\$ 4.13	3.07%	8
9	Between 801 and 900 kWh	94	7.6%	81.3%	\$ 163.75	\$ 168.69	\$ 4.94	3.02%	9
10	Between 901 and 1000 kWh	78	6.3%	87.6%	\$ 192.54	\$ 198.15	\$ 5.61	2.91%	10
11	Between 1001 and 1100 kWh	41	3.3%	91.0%	\$ 219.84	\$ 226.35	\$ 6.51	2.96%	11
12	Between 1101 and 1200 kWh	46	3.7%	94.7%	\$ 251.26	\$ 258.39	\$ 7.13	2.84%	12
13	Between 1201 and 1300 kWh	14	1.1%	95.8%	\$ 282.96	\$ 291.04	\$ 8.08	2.86%	13
14	Between 1301 and 1400 kWh	21	1.7%	97.5%	\$ 308.73	\$ 317.33	\$ 8.60	2.79%	14
15	Between 1401 and 1500 kWh	12	1.0%	98.5%	\$ 344.77	\$ 354.27	\$ 9.50	2.76%	15
16	Between 1501 and 2000 kWh	16	1.3%	99.8%	\$ 410.17	\$ 421.74	\$ 11.57	2.82%	16
17	Between 2001 and 2500 kWh	3	0.2%	100.0%	\$ 589.20	\$ 604.86	\$ 15.66	2.66%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	1,238	100.0%	100.0%	\$ 108.96	\$ 112.16	\$ 3.20	2.94%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	8	1.4%	1.4%	\$ 3.98	\$ 4.10	\$ 0.12	3.02%	1
2	Between 101 and 200 kWh	9	1.6%	3.1%	\$ 21.33	\$ 22.06	\$ 0.73	3.42%	2
3	Between 201 and 300 kWh	21	3.8%	6.9%	\$ 30.04	\$ 31.04	\$ 1.00	3.33%	3
4	Between 301 and 400 kWh	41	7.4%	14.3%	\$ 40.82	\$ 42.16	\$ 1.34	3.28%	4
5	Between 401 and 500 kWh	52	9.4%	23.7%	\$ 54.98	\$ 56.87	\$ 1.89	3.44%	5
6	Between 501 and 600 kWh	55	10.0%	33.7%	\$ 68.97	\$ 71.55	\$ 2.58	3.74%	6
7	Between 601 and 700 kWh	56	10.1%	43.8%	\$ 86.30	\$ 90.01	\$ 3.71	4.30%	7
8	Between 701 and 800 kWh	56	10.1%	54.0%	\$ 101.51	\$ 106.06	\$ 4.55	4.48%	8
9	Between 801 and 900 kWh	49	8.9%	62.9%	\$ 118.06	\$ 123.98	\$ 5.92	5.01%	9
10	Between 901 and 1000 kWh	43	7.8%	70.7%	\$ 141.91	\$ 148.86	\$ 6.95	4.90%	10
11	Between 1001 and 1100 kWh	32	5.8%	76.4%	\$ 162.31	\$ 170.74	\$ 8.43	5.19%	11
12	Between 1101 and 1200 kWh	36	6.5%	83.0%	\$ 187.37	\$ 197.45	\$ 10.08	5.38%	12
13	Between 1201 and 1300 kWh	28	5.1%	88.0%	\$ 212.70	\$ 223.65	\$ 10.95	5.15%	13
14	Between 1301 and 1400 kWh	17	3.1%	91.1%	\$ 241.22	\$ 253.54	\$ 12.32	5.11%	14
15	Between 1401 and 1500 kWh	16	2.9%	94.0%	\$ 270.79	\$ 283.97	\$ 13.18	4.87%	15
16	Between 1501 and 2000 kWh	24	4.3%	98.4%	\$ 321.98	\$ 337.69	\$ 15.11	4.69%	16
17	Between 2001 and 2500 kWh	6	1.1%	99.5%	\$ 456.06	\$ 475.16	\$ 19.10	4.19%	17
18	Between 2501 and 3000 kWh	3	0.5%	100.0%	\$ 581.29	\$ 604.25	\$ 22.96	3.95%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	552	100.0%	100.0%	\$ 127.03	\$ 132.97	\$ 5.94	4.68%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	9	1.6%	1.6%	\$ 4.55	\$ 4.68	\$ 0.13	2.86%	1
2	Between 101 and 200 kWh	7	1.3%	2.9%	\$ 17.62	\$ 18.26	\$ 0.64	3.63%	2
3	Between 201 and 300 kWh	30	5.4%	8.3%	\$ 28.74	\$ 29.75	\$ 1.01	3.51%	3
4	Between 301 and 400 kWh	33	6.0%	14.3%	\$ 38.84	\$ 40.18	\$ 1.34	3.45%	4
5	Between 401 and 500 kWh	42	7.6%	21.9%	\$ 51.46	\$ 53.23	\$ 1.77	3.44%	5
6	Between 501 and 600 kWh	58	10.5%	32.4%	\$ 63.34	\$ 65.54	\$ 2.20	3.47%	6
7	Between 601 and 700 kWh	41	7.4%	39.9%	\$ 74.13	\$ 76.81	\$ 2.68	3.62%	7
8	Between 701 and 800 kWh	49	8.9%	48.7%	\$ 87.71	\$ 91.34	\$ 3.63	4.14%	8
9	Between 801 and 900 kWh	50	9.1%	57.8%	\$ 103.91	\$ 108.93	\$ 5.02	4.83%	9
10	Between 901 and 1000 kWh	51	9.2%	67.0%	\$ 120.91	\$ 127.28	\$ 6.37	5.27%	10
11	Between 1001 and 1100 kWh	30	5.4%	72.5%	\$ 138.35	\$ 146.70	\$ 8.35	6.04%	11
12	Between 1101 and 1200 kWh	37	6.7%	79.2%	\$ 155.78	\$ 165.66	\$ 9.88	6.34%	12
13	Between 1201 and 1300 kWh	32	5.8%	85.0%	\$ 180.59	\$ 192.00	\$ 11.41	6.32%	13
14	Between 1301 and 1400 kWh	26	4.7%	89.7%	\$ 202.88	\$ 215.65	\$ 12.77	6.29%	14
15	Between 1401 and 1500 kWh	12	2.2%	91.8%	\$ 230.51	\$ 244.09	\$ 13.58	5.89%	15
16	Between 1501 and 2000 kWh	30	5.4%	97.3%	\$ 288.81	\$ 305.12	\$ 16.31	5.65%	16
17	Between 2001 and 2500 kWh	11	2.0%	99.3%	\$ 424.70	\$ 445.30	\$ 20.60	4.85%	17
18	Between 2501 and 3000 kWh	2	0.4%	99.6%	\$ 554.71	\$ 579.36	\$ 24.65	4.44%	18
19	> 3000 kWh	2	0.4%	100.0%	\$ 698.87	\$ 728.05	\$ 29.18	4.18%	19
	Total	552	100.0%	100.0%	\$ 120.32	\$ 126.57	\$ 6.25	5.19%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(MOUNTAIN CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	14	2.5%	2.5%	\$ 6.37	\$ 6.57	\$ 0.20	3.14%	1
2	Between 101 and 200 kWh	10	1.8%	4.3%	\$ 19.60	\$ 20.20	\$ 0.60	3.06%	2
3	Between 201 and 300 kWh	37	6.7%	11.1%	\$ 32.97	\$ 34.01	\$ 1.04	3.15%	3
4	Between 301 and 400 kWh	61	11.1%	22.1%	\$ 46.69	\$ 48.11	\$ 1.42	3.04%	4
5	Between 401 and 500 kWh	57	10.3%	32.4%	\$ 58.87	\$ 60.68	\$ 1.81	3.07%	5
6	Between 501 and 600 kWh	47	8.5%	40.9%	\$ 76.50	\$ 79.25	\$ 2.75	3.59%	6
7	Between 601 and 700 kWh	60	10.9%	51.8%	\$ 93.04	\$ 97.40	\$ 4.36	4.69%	7
8	Between 701 and 800 kWh	49	8.9%	60.7%	\$ 118.86	\$ 124.89	\$ 6.03	5.07%	8
9	Between 801 and 900 kWh	45	8.2%	68.8%	\$ 149.71	\$ 156.75	\$ 7.04	4.70%	9
10	Between 901 and 1000 kWh	33	6.0%	74.8%	\$ 176.13	\$ 184.19	\$ 8.06	4.58%	10
11	Between 1001 and 1100 kWh	31	5.6%	80.4%	\$ 206.91	\$ 215.87	\$ 8.96	4.33%	11
12	Between 1101 and 1200 kWh	30	5.4%	85.9%	\$ 236.20	\$ 244.86	\$ 8.66	4.11%	12
13	Between 1201 and 1300 kWh	23	4.2%	90.0%	\$ 265.04	\$ 275.51	\$ 10.47	3.95%	13
14	Between 1301 and 1400 kWh	12	2.2%	92.2%	\$ 291.44	\$ 302.64	\$ 11.20	3.84%	14
15	Between 1401 and 1500 kWh	13	2.4%	94.6%	\$ 324.19	\$ 336.26	\$ 12.07	3.72%	15
16	Between 1501 and 2000 kWh	24	4.3%	98.9%	\$ 393.33	\$ 407.22	\$ 13.89	3.53%	16
17	Between 2001 and 2500 kWh	6	1.1%	100.0%	\$ 554.61	\$ 572.73	\$ 18.12	3.27%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	552	100.0%	100.0%	\$ 136.42	\$ 141.94	\$ 5.52	4.05%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	12	4.6%	4.6%	\$ 7.40	\$ 7.67	\$ 0.27	3.65%	1
2	Between 101 and 200 kWh	16	6.2%	10.8%	\$ 16.46	\$ 17.03	\$ 0.57	3.46%	2
3	Between 201 and 300 kWh	24	9.2%	20.0%	\$ 33.06	\$ 34.11	\$ 1.05	3.18%	3
4	Between 301 and 400 kWh	30	11.5%	31.5%	\$ 46.84	\$ 48.29	\$ 1.45	3.10%	4
5	Between 401 and 500 kWh	32	12.3%	43.8%	\$ 64.78	\$ 66.75	\$ 1.97	3.04%	5
6	Between 501 and 600 kWh	32	12.3%	56.2%	\$ 83.76	\$ 86.30	\$ 2.54	3.03%	6
7	Between 601 and 700 kWh	38	14.6%	70.8%	\$ 110.37	\$ 113.67	\$ 3.30	2.99%	7
8	Between 701 and 800 kWh	21	8.1%	78.9%	\$ 133.57	\$ 137.64	\$ 4.07	3.05%	8
9	Between 801 and 900 kWh	18	6.9%	85.8%	\$ 156.37	\$ 161.03	\$ 4.66	2.98%	9
10	Between 901 and 1000 kWh	13	5.0%	90.8%	\$ 181.79	\$ 187.62	\$ 5.83	3.21%	10
11	Between 1001 and 1100 kWh	12	4.6%	95.4%	\$ 206.71	\$ 213.52	\$ 6.81	3.29%	11
12	Between 1101 and 1200 kWh	6	2.3%	97.7%	\$ 242.32	\$ 249.33	\$ 7.01	2.89%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.5%	\$ 255.86	\$ 263.40	\$ 7.54	2.95%	13
14	Between 1301 and 1400 kWh	1	0.4%	98.8%	\$ 261.53	\$ 273.55	\$ 12.02	4.60%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.8%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	3	1.2%	100.0%	\$ 377.01	\$ 387.82	\$ 10.81	2.87%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	260	100.0%	100.0%	\$ 97.38	\$ 100.38	\$ 3.00	3.08%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	20	7.7%	7.7%	\$ 8.28	\$ 8.58	\$ 0.30	3.62%	1
2	Between 101 and 200 kWh	23	8.8%	16.5%	\$ 17.69	\$ 18.33	\$ 0.64	3.62%	2
3	Between 201 and 300 kWh	45	17.3%	33.8%	\$ 28.38	\$ 29.37	\$ 0.99	3.49%	3
4	Between 301 and 400 kWh	46	17.7%	51.5%	\$ 40.18	\$ 41.56	\$ 1.38	3.43%	4
5	Between 401 and 500 kWh	38	14.6%	66.2%	\$ 58.02	\$ 59.98	\$ 1.96	3.38%	5
6	Between 501 and 600 kWh	28	10.8%	76.9%	\$ 79.10	\$ 81.71	\$ 2.61	3.30%	6
7	Between 601 and 700 kWh	18	6.9%	83.8%	\$ 100.12	\$ 103.40	\$ 3.28	3.28%	7
8	Between 701 and 800 kWh	11	4.2%	88.1%	\$ 123.52	\$ 127.75	\$ 4.23	3.42%	8
9	Between 801 and 900 kWh	11	4.2%	92.3%	\$ 154.43	\$ 159.58	\$ 5.15	3.33%	9
10	Between 901 and 1000 kWh	6	2.3%	94.6%	\$ 154.87	\$ 161.50	\$ 6.63	4.28%	10
11	Between 1001 and 1100 kWh	5	1.9%	96.5%	\$ 189.59	\$ 196.65	\$ 7.06	3.72%	11
12	Between 1101 and 1200 kWh	4	1.5%	98.1%	\$ 215.48	\$ 223.59	\$ 8.11	3.76%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.8%	\$ 248.91	\$ 256.78	\$ 7.87	3.16%	13
14	Between 1301 and 1400 kWh	1	0.4%	99.2%	\$ 228.00	\$ 240.26	\$ 12.26	5.38%	14
15	Between 1401 and 1500 kWh	1	0.4%	99.6%	\$ 298.43	\$ 307.87	\$ 9.44	3.16%	15
16	Between 1501 and 2000 kWh	1	0.4%	100.0%	\$ 364.33	\$ 375.83	\$ 11.50	3.16%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	260	100.0%	100.0%	\$ 65.79	\$ 68.08	\$ 2.29	3.48%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	16	6.2%	6.2%	\$ 5.94	\$ 6.13	\$ 0.19	3.20%	1
2	Between 101 and 200 kWh	19	7.3%	13.5%	\$ 17.39	\$ 17.94	\$ 0.55	3.16%	2
3	Between 201 and 300 kWh	15	5.8%	19.2%	\$ 31.94	\$ 32.90	\$ 0.96	3.01%	3
4	Between 301 and 400 kWh	17	6.5%	25.8%	\$ 45.28	\$ 46.60	\$ 1.32	2.92%	4
5	Between 401 and 500 kWh	20	7.7%	33.5%	\$ 61.11	\$ 62.86	\$ 1.75	2.86%	5
6	Between 501 and 600 kWh	25	9.6%	43.1%	\$ 76.78	\$ 78.96	\$ 2.18	2.84%	6
7	Between 601 and 700 kWh	19	7.3%	50.4%	\$ 98.20	\$ 101.06	\$ 2.86	2.91%	7
8	Between 701 and 800 kWh	16	6.2%	56.5%	\$ 129.06	\$ 132.86	\$ 3.80	2.94%	8
9	Between 801 and 900 kWh	22	8.5%	65.0%	\$ 155.77	\$ 160.28	\$ 4.51	2.90%	9
10	Between 901 and 1000 kWh	14	5.4%	70.4%	\$ 183.01	\$ 188.43	\$ 5.42	2.96%	10
11	Between 1001 and 1100 kWh	18	6.9%	77.3%	\$ 211.53	\$ 217.41	\$ 5.88	2.78%	11
12	Between 1101 and 1200 kWh	12	4.6%	81.9%	\$ 248.57	\$ 255.28	\$ 6.71	2.70%	12
13	Between 1201 and 1300 kWh	15	5.8%	87.7%	\$ 286.70	\$ 274.11	\$ 7.41	2.78%	13
14	Between 1301 and 1400 kWh	12	4.6%	92.3%	\$ 302.03	\$ 310.14	\$ 8.11	2.69%	14
15	Between 1401 and 1500 kWh	10	3.8%	96.2%	\$ 324.19	\$ 333.56	\$ 9.37	2.89%	15
16	Between 1501 and 2000 kWh	9	3.5%	99.6%	\$ 415.04	\$ 426.13	\$ 11.09	2.67%	16
17	Between 2001 and 2500 kWh	0	0.0%	99.6%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	1	0.4%	100.0%	\$ 692.43	\$ 710.82	\$ 18.39	2.66%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	260	100.0%	100.0%	\$ 141.62	\$ 145.61	\$ 3.99	2.82%	

REBUTTAL ATTACHMENT G  
ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.87	\$ 5.00	\$ 0.13	2.67%	1
2	Between 101 and 200 kWh	6	2.9%	4.9%	\$ 15.74	\$ 16.28	\$ 0.54	3.43%	2
3	Between 201 and 300 kWh	12	5.9%	10.8%	\$ 29.47	\$ 30.43	\$ 0.96	3.26%	3
4	Between 301 and 400 kWh	20	9.8%	20.6%	\$ 43.19	\$ 44.72	\$ 1.53	3.54%	4
5	Between 401 and 500 kWh	20	9.8%	30.4%	\$ 54.62	\$ 56.53	\$ 1.91	3.50%	5
6	Between 501 and 600 kWh	17	8.3%	38.7%	\$ 75.68	\$ 78.60	\$ 2.92	3.86%	6
7	Between 601 and 700 kWh	25	12.3%	51.0%	\$ 96.16	\$ 100.26	\$ 4.10	4.26%	7
8	Between 701 and 800 kWh	19	9.3%	60.3%	\$ 109.12	\$ 113.89	\$ 4.77	4.37%	8
9	Between 801 and 900 kWh	25	12.3%	72.5%	\$ 139.49	\$ 145.39	\$ 5.90	4.23%	9
10	Between 901 and 1000 kWh	15	7.4%	79.9%	\$ 161.40	\$ 168.42	\$ 7.02	4.35%	10
11	Between 1001 and 1100 kWh	17	8.3%	88.2%	\$ 179.56	\$ 187.75	\$ 8.19	4.56%	11
12	Between 1101 and 1200 kWh	7	3.4%	91.7%	\$ 209.75	\$ 219.17	\$ 9.42	4.49%	12
13	Between 1201 and 1300 kWh	10	4.9%	96.6%	\$ 234.45	\$ 245.03	\$ 10.58	4.51%	13
14	Between 1301 and 1400 kWh	0	0.0%	96.6%	\$ -	\$ -	\$ -	-	14
15	Between 1401 and 1500 kWh	3	1.5%	98.0%	\$ 285.48	\$ 298.00	\$ 12.52	4.39%	15
16	Between 1501 and 2000 kWh	4	2.0%	100.0%	\$ 358.82	\$ 372.93	\$ 14.11	3.93%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	204	100.0%	100.0%	\$ 113.98	\$ 118.81	\$ 4.83	4.24%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	5	2.5%	2.5%	\$ 6.68	\$ 6.88	\$ 0.20	2.99%	1
2	Between 101 and 200 kWh	10	4.9%	7.4%	\$ 17.10	\$ 17.72	\$ 0.62	3.63%	2
3	Between 201 and 300 kWh	14	6.9%	14.2%	\$ 27.24	\$ 28.20	\$ 0.96	3.52%	3
4	Between 301 and 400 kWh	32	15.7%	29.9%	\$ 38.39	\$ 39.73	\$ 1.34	3.49%	4
5	Between 401 and 500 kWh	27	13.2%	43.1%	\$ 51.26	\$ 53.10	\$ 1.84	3.59%	5
6	Between 501 and 600 kWh	25	12.3%	55.4%	\$ 63.20	\$ 65.75	\$ 2.55	4.03%	6
7	Between 601 and 700 kWh	27	13.2%	68.6%	\$ 77.96	\$ 81.52	\$ 3.56	4.57%	7
8	Between 701 and 800 kWh	20	9.8%	78.4%	\$ 93.26	\$ 98.49	\$ 5.24	5.62%	8
9	Between 801 and 900 kWh	17	8.3%	86.8%	\$ 108.72	\$ 115.04	\$ 6.32	5.81%	9
10	Between 901 and 1000 kWh	10	4.9%	91.7%	\$ 139.13	\$ 147.46	\$ 8.33	5.99%	10
11	Between 1001 and 1100 kWh	2	1.0%	92.6%	\$ 157.40	\$ 167.05	\$ 9.65	6.13%	11
12	Between 1101 and 1200 kWh	9	4.4%	97.1%	\$ 179.77	\$ 190.36	\$ 10.59	5.89%	12
13	Between 1201 and 1300 kWh	1	0.5%	97.5%	\$ 217.55	\$ 229.45	\$ 11.90	5.47%	13
14	Between 1301 and 1400 kWh	3	1.5%	99.0%	\$ 239.81	\$ 251.92	\$ 12.11	5.05%	14
15	Between 1401 and 1500 kWh	0	0.0%	99.0%	\$ -	\$ -	\$ -	-	15
16	Between 1501 and 2000 kWh	2	1.0%	100.0%	\$ 319.25	\$ 333.96	\$ 14.71	4.61%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	\$ -	-	19
	Total	204	100.0%	100.0%	\$ 75.96	\$ 79.66	\$ 3.70	4.87%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3  
(DESERT CUSTOMERS)  
Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	Between 0 and 100 kWh	8	3.9%	3.9%	\$ 4.85	\$ 4.96	\$ 0.11	2.27%	1
2	Between 101 and 200 kWh	8	3.9%	7.8%	\$ 20.12	\$ 20.75	\$ 0.63	3.13%	2
3	Between 201 and 300 kWh	8	3.9%	11.8%	\$ 32.05	\$ 33.01	\$ 0.96	3.00%	3
4	Between 301 and 400 kWh	16	7.8%	19.6%	\$ 44.66	\$ 45.97	\$ 1.31	2.93%	4
5	Between 401 and 500 kWh	13	6.4%	26.0%	\$ 61.10	\$ 62.96	\$ 1.86	3.04%	5
6	Between 501 and 600 kWh	20	9.8%	35.8%	\$ 75.02	\$ 77.45	\$ 2.43	3.24%	6
7	Between 601 and 700 kWh	11	5.4%	41.2%	\$ 95.04	\$ 98.97	\$ 3.93	4.14%	7
8	Between 701 and 800 kWh	6	2.9%	44.1%	\$ 113.40	\$ 118.93	\$ 5.53	4.88%	8
9	Between 801 and 900 kWh	16	7.8%	52.0%	\$ 142.52	\$ 148.93	\$ 6.41	4.50%	9
10	Between 901 and 1000 kWh	19	9.3%	61.3%	\$ 169.49	\$ 176.81	\$ 7.32	4.32%	10
11	Between 1001 and 1100 kWh	9	4.4%	65.7%	\$ 199.59	\$ 207.94	\$ 8.35	4.18%	11
12	Between 1101 and 1200 kWh	11	5.4%	71.1%	\$ 227.79	\$ 236.92	\$ 9.13	4.01%	12
13	Between 1201 and 1300 kWh	16	7.8%	78.9%	\$ 255.69	\$ 265.52	\$ 9.83	3.86%	13
14	Between 1301 and 1400 kWh	14	6.8%	85.8%	\$ 283.61	\$ 294.42	\$ 10.81	3.81%	14
15	Between 1401 and 1500 kWh	11	5.4%	91.2%	\$ 315.38	\$ 327.16	\$ 11.78	3.74%	15
16	Between 1501 and 2000 kWh	16	7.8%	99.0%	\$ 379.22	\$ 392.66	\$ 13.44	3.54%	16
17	Between 2001 and 2500 kWh	0	0.0%	99.0%	\$ -	\$ -	\$ -	-	17
18	Between 2501 and 3000 kWh	1	0.5%	99.5%	\$ 712.27	\$ 734.56	\$ 22.29	3.13%	18
19	> 3000 kWh	1	0.5%	100.0%	\$ 807.81	\$ 832.61	\$ 24.80	3.07%	19
	Total	204	100.0%	100.0%	\$ 167.22	\$ 173.62	\$ 6.40	3.83%	

REBUTTAL ATTACHMENT G  
 ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
**Schedule LS1 (Annual Billing Period)**

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1784	6.3%	\$13.23	\$13.46	\$0.22	2%	1
2	LS1	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	4913	17.2%	\$13.37	\$13.60	\$0.22	2%	2
3	LS1	5800 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	17	0.1%	\$12.21	\$12.45	\$0.23	2%	3
4	LS1	5800 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	1383	4.9%	\$18.05	\$18.29	\$0.23	1%	4
5	LS1	5800 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	33	0.1%	\$13.08	\$13.32	\$0.23	2%	5
6	LS1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	9958	34.9%	\$15.03	\$15.35	\$0.31	2%	6
7	LS1	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1298	4.6%	\$15.23	\$15.54	\$0.30	2%	7
8	LS1	9500 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	219	0.8%	\$14.05	\$14.36	\$0.30	2%	8
9	LS1	9500 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	3195	11.2%	\$19.75	\$20.06	\$0.30	2%	9
10	LS1	9500 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	58	0.2%	\$14.72	\$15.03	\$0.30	2%	10
11	LS1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	890	3.1%	\$17.51	\$17.90	\$0.39	2%	11
12	LS1	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	586	2.1%	\$17.57	\$17.96	\$0.39	2%	12
13	LS1	16000 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	101	0.4%	\$16.50	\$16.89	\$0.39	2%	13
14	LS1	16000 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	501	1.8%	\$22.10	\$22.50	\$0.40	2%	14
15	LS1	16000 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	22	0.1%	\$17.48	\$17.87	\$0.39	2%	15
16	LS1	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	163	0.6%	\$21.83	\$22.36	\$0.53	2%	16
17	LS1	22000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	381	1.3%	\$21.87	\$22.40	\$0.53	2%	17
18	LS1	22000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	45	0.2%	\$27.42	\$27.95	\$0.53	2%	18
19	LS1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1125	3.9%	\$25.69	\$26.35	\$0.66	3%	19
20	LS1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	266	0.9%	\$25.74	\$26.40	\$0.66	3%	20
21	LS1	30000 Lumen High Pressure Sodium Vapor Class B2 Regulator Ballast	2	0.0%	\$24.77	\$25.43	\$0.66	3%	21
22	LS1	30000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	300	1.1%	\$30.68	\$31.34	\$0.66	2%	22
23	LS1	30000 Lumen High Pressure Sodium Vapor Class C2 Regulator Ballast	62	0.2%	\$25.72	\$26.38	\$0.66	3%	23
24	LS1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	17	0.1%	\$33.02	\$33.99	\$0.96	3%	24
25	LS1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	5	0.0%	\$32.95	\$33.93	\$0.97	3%	25
26	LS1	50000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	60	0.2%	\$40.00	\$40.97	\$0.96	2%	26
27	LS1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	38	0.1%	\$17.49	\$17.73	\$0.24	1%	27
28	LS1	8000 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$17.66	\$17.90	\$0.24	1%	28
29	LS1	8000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	101	0.4%	\$20.74	\$20.98	\$0.24	1%	29
30	LS1	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	141	0.5%	\$21.10	\$21.45	\$0.34	2%	30
31	LS1	13500 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	17	0.1%	\$21.27	\$21.62	\$0.34	2%	31
32	LS1	13500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	181	0.6%	\$23.68	\$24.03	\$0.34	1%	32
33	LS1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	252	0.9%	\$24.43	\$24.87	\$0.45	2%	33
34	LS1	22500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	2	0.0%	\$28.26	\$28.71	\$0.46	2%	34
35	LS1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	162	0.6%	\$27.83	\$28.34	\$0.52	2%	35
36	LS1	33000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	112	0.4%	\$30.23	\$30.74	\$0.52	2%	36
37	LS1	7000 Lumen Mercury Vapor Class A Reactor Ballast	68	0.2%	\$18.44	\$18.88	\$0.44	2%	37
38	LS1	7000 Lumen Mercury Vapor Class A Regulator Ballast	2	0.0%	\$19.25	\$19.72	\$0.47	2%	38
39	LS1	20000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$34.19	\$35.13	\$0.94	3%	39
40	LS1	32000 Lumen Metal Halide Class C Reactor Ballast	37	0.1%	\$41.13	\$42.04	\$0.91	2%	40
41	Grand Total		28499	100.0%	\$16.87	\$17.19	\$0.32	2%	41

REBUTTAL ATTACHMENT G  
 ILLUSTRATIVE BILL IMPACTS FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A 15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
 Schedule LS2 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS2	4000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1070	0.9%	\$3.75	\$3.92	\$0.16	4%	1
2	LS2	4000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	577	0.5%	\$4.15	\$4.34	\$0.18	4%	2
3	LS2	4000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$5.23	\$5.41	\$0.17	3%	3
4	LS2	5800 Lumen High Pressure Sodium Vapor Class A Ballast	70	0.1%	\$7.30	\$7.61	\$0.32	4%	4
5	LS2	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	3300	2.7%	\$5.36	\$5.60	\$0.23	4%	5
6	LS2	5800 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1455	1.2%	\$6.18	\$6.45	\$0.27	4%	6
7	LS2	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	38	0.0%	\$6.85	\$7.09	\$0.23	3%	7
8	LS2	5800 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	67	0.1%	\$7.67	\$7.93	\$0.26	3%	8
9	LS2	9500 Lumen High Pressure Sodium Vapor Class A Ballast	138	0.1%	\$7.96	\$8.32	\$0.36	4%	9
10	LS2	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	7776	6.3%	\$6.98	\$7.29	\$0.30	4%	10
11	LS2	9500 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	7591	6.1%	\$8.09	\$8.42	\$0.34	4%	11
12	LS2	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	129	0.1%	\$8.46	\$8.78	\$0.31	4%	12
13	LS2	9500 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	93	0.1%	\$9.58	\$9.91	\$0.34	4%	13
14	LS2	16000 Lumen High Pressure Sodium Vapor Class A Ballast	169	0.1%	\$10.44	\$10.88	\$0.44	4%	14
15	LS2	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2640	2.1%	\$9.47	\$9.86	\$0.39	4%	15
16	LS2	16000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	3918	3.2%	\$10.54	\$10.98	\$0.44	4%	16
17	LS2	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	15	0.0%	\$10.96	\$11.35	\$0.39	4%	17
18	LS2	16000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	20	0.0%	\$12.03	\$12.47	\$0.44	4%	18
19	LS2	22000 Lumen High Pressure Sodium Vapor Class A Ballast	98	0.1%	\$13.27	\$13.83	\$0.56	4%	19
20	LS2	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1888	1.5%	\$12.99	\$13.52	\$0.53	4%	20
21	LS2	30000 Lumen High Pressure Sodium Vapor Class A Ballast	176	0.1%	\$17.06	\$17.76	\$0.70	4%	21
22	LS2	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	6234	5.0%	\$16.22	\$16.88	\$0.66	4%	22
23	LS2	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	242	0.2%	\$17.71	\$18.37	\$0.66	4%	23
24	LS2	37000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	251	0.2%	\$19.48	\$20.28	\$0.80	4%	24
25	LS2	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	120	0.1%	\$23.83	\$24.81	\$0.97	4%	25
26	LS2	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	4	0.0%	\$53.00	\$55.44	\$2.15	4%	26
27	LS2	1000 Lumen Incandescent Class A Ballast	5	0.0%	\$4.84	\$5.05	\$0.22	4%	27
28	LS2	2500 Lumen Incandescent Class A Ballast	3	0.0%	\$9.06	\$9.44	\$0.38	4%	28
29	LS2	4000 Lumen Incandescent Class A Ballast	12	0.0%	\$15.29	\$15.92	\$0.63	4%	29
30	LS2	3440 Lumen Induction Class A Ballast	5086	4.1%	\$3.33	\$3.48	\$0.15	4%	30
31	LS2	3495 Lumen Induction Class A Ballast	235	0.2%	\$3.75	\$3.92	\$0.16	4%	31
32	LS2	3500 Lumen Induction Class A Ballast	2053	1.7%	\$4.01	\$4.19	\$0.18	4%	32
33	LS2	6000 Lumen Induction Class A Ballast	23886	19.3%	\$5.50	\$5.74	\$0.24	4%	33
34	LS2	6528 Lumen Induction Class A Ballast	1141	0.9%	\$5.23	\$5.46	\$0.23	4%	34
35	LS2	8800 Lumen Induction Class A Ballast	1497	1.2%	\$6.17	\$6.44	\$0.27	4%	35
36	LS2	12000 Lumen Induction Class A Ballast	7068	5.7%	\$9.19	\$9.57	\$0.38	4%	36
37	LS2	12800 Lumen Induction Class A Ballast	2617	2.1%	\$8.50	\$8.86	\$0.36	4%	37
38	LS2	16800 Lumen Induction Class A Ballast	193	0.2%	\$10.82	\$11.27	\$0.45	4%	38
39	LS2	21040 Lumen Induction Class A Ballast	1	0.0%	\$13.25	\$13.80	\$0.55	4%	39
40	LS2	32640 Lumen Induction Class A Ballast	4	0.0%	\$20.29	\$21.12	\$0.83	4%	40
41	LS2	37.5 Lumen LED Class A Ballast	21	0.0%	\$3.19	\$3.34	\$0.15	5%	41
42	LS2	42.5 Lumen LED Class A Ballast	102	0.1%	\$3.46	\$3.61	\$0.15	4%	42
43	LS2	47.5 Lumen LED Class A Ballast	2	0.0%	\$3.62	\$3.77	\$0.16	4%	43
44	LS2	52.5 Lumen LED Class A Ballast	5035	4.1%	\$3.88	\$4.06	\$0.18	5%	44
45	LS2	57.5 Lumen LED Class A Ballast	1364	1.1%	\$4.14	\$4.34	\$0.19	5%	45
46	LS2	62.5 Lumen LED Class A Ballast	2	0.0%	\$4.41	\$4.60	\$0.19	4%	46
47	LS2	67.5 Lumen LED Class A Ballast	205	0.2%	\$4.57	\$4.77	\$0.20	4%	47
48	LS2	72.5 Lumen LED Class A Ballast	344	0.3%	\$4.84	\$5.04	\$0.21	4%	48
49	LS2	77.5 Lumen LED Class A Ballast	83	0.1%	\$5.10	\$5.32	\$0.22	4%	49
50	LS2	82.5 Lumen LED Class A Ballast	2115	1.7%	\$5.36	\$5.60	\$0.23	4%	50
51	LS2	87.5 Lumen LED Class A Ballast	265	0.2%	\$5.52	\$5.76	\$0.24	4%	51
52	LS2	92.5 Lumen LED Class A Ballast	1339	1.1%	\$5.77	\$6.03	\$0.25	4%	52
53	LS2	97.5 Lumen LED Class A Ballast	216	0.2%	\$6.04	\$6.30	\$0.26	4%	53
54	LS2	102.5 Lumen LED Class A Ballast	361	0.3%	\$6.30	\$6.57	\$0.27	4%	54
55	LS2	107.5 Lumen LED Class A Ballast	543	0.4%	\$6.46	\$6.73	\$0.28	4%	55
56	LS2	112.5 Lumen LED Class A Ballast	1731	1.4%	\$6.71	\$7.01	\$0.29	4%	56
57	LS2	117.5 Lumen LED Class A Ballast	73	0.1%	\$6.98	\$7.29	\$0.30	4%	57
58	LS2	127.5 Lumen LED Class A Ballast	1027	0.8%	\$7.42	\$7.73	\$0.31	4%	58
59	LS2	132.5 Lumen LED Class A Ballast	81	0.1%	\$7.68	\$8.01	\$0.33	4%	59
60	LS2	137.5 Lumen LED Class A Ballast	3803	3.1%	\$7.95	\$8.28	\$0.33	4%	60
61	LS2	142.5 Lumen LED Class A Ballast	30	0.0%	\$8.11	\$8.44	\$0.34	4%	61
62	LS2	147.5 Lumen LED Class A Ballast	21	0.0%	\$8.37	\$8.74	\$0.36	4%	62
63	LS2	157.5 Lumen LED Class A Ballast	4	0.0%	\$8.90	\$9.27	\$0.37	4%	63
64	LS2	177.5 Lumen LED Class A Ballast	25	0.0%	\$9.85	\$10.26	\$0.40	4%	64
65	LS2	182.5 Lumen LED Class A Ballast	6	0.0%	\$10.01	\$10.42	\$0.41	4%	65
66	LS2	187.5 Lumen LED Class A Ballast	8	0.0%	\$10.27	\$10.71	\$0.43	4%	66
67	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Ballast	687	0.6%	\$4.58	\$4.80	\$0.21	5%	67
68	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	525	0.4%	\$4.57	\$4.77	\$0.20	4%	68
69	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Ballast	323	0.3%	\$5.67	\$5.92	\$0.26	5%	69
70	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	7392	6.0%	\$5.62	\$5.86	\$0.24	4%	70
71	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Ballast	59	0.0%	\$8.39	\$8.74	\$0.35	4%	71
72	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	6157	5.0%	\$8.24	\$8.59	\$0.34	4%	72
73	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Ballast	111	0.1%	\$10.97	\$11.44	\$0.47	4%	73
74	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	2721	2.2%	\$11.10	\$11.55	\$0.46	4%	74
75	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Ballast	1	0.0%	\$12.59	\$13.11	\$0.52	4%	75
76	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	3855	3.1%	\$12.57	\$13.07	\$0.51	4%	76
77	LS2	7000 Lumen Mercury Vapor Class A Ballast	12	0.0%	\$12.04	\$12.56	\$0.52	4%	77
78	LS2	7000 Lumen Mercury Vapor Class A Reactor Ballast	8	0.0%	\$10.53	\$10.97	\$0.44	4%	78
79	LS2	7000 Lumen Mercury Vapor Class A Regulator Ballast	571	0.5%	\$11.34	\$11.81	\$0.47	4%	79
80	LS2	7000 Lumen Mercury Vapor Class B Regulator Ballast	50	0.0%	\$12.83	\$13.30	\$0.47	4%	80
81	LS2	10000 Lumen Mercury Vapor Class A Regulator Ballast	67	0.1%	\$15.16	\$15.76	\$0.61	4%	81
82	LS2	20000 Lumen Mercury Vapor Class A Ballast	4	0.0%	\$23.19	\$24.14	\$0.95	4%	82
83	LS2	20000 Lumen Mercury Vapor Class A Regulator Ballast	195	0.2%	\$23.15	\$24.09	\$0.94	4%	83
84	LS2	20000 Lumen Mercury Vapor Class B Regulator Ballast	7	0.0%	\$24.64	\$25.58	\$0.94	4%	84
85	LS2	35000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$38.22	\$39.77	\$1.55	4%	85
86	LS2	8500 Lumen Metal Halide Class A Ballast	253	0.2%	\$7.67	\$8.00	\$0.33	4%	86
87	LS2	12000 Lumen Metal Halide Class A Reactor Ballast	45	0.0%	\$11.21	\$11.68	\$0.47	4%	87
88	LS2	32000 Lumen Metal Halide Class A Reactor Ballast	12	0.0%	\$22.34	\$23.26	\$0.92	4%	88
89	Grand Total		123743	100.0%	\$7.51	\$7.83	\$0.32	4%	89

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
 Schedule OL1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	OL1	9500 Lumen High Pressure Sodium Vapor Class A Ballast	2	0.0%	\$17.03	\$17.34	\$0.30	2%	1
2	OL1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2940	45.7%	\$17.03	\$17.34	\$0.30	2%	2
3	OL1	16000 Lumen High Pressure Sodium Vapor Class A Ballast	3	0.0%	\$19.49	\$19.89	\$0.40	2%	3
4	OL1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	535	8.3%	\$19.49	\$19.89	\$0.40	2%	4
5	OL1	30000 Lumen High Pressure Sodium Vapor Class A Ballast	10	0.2%	\$28.11	\$28.77	\$0.66	2%	5
6	OL1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1379	21.5%	\$28.11	\$28.77	\$0.66	2%	6
7	OL1	30000 Lumen High Pressure Sodium Vapor Class B Ballast	3	0.0%	\$29.27	\$29.93	\$0.66	2%	7
8	OL1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	133	2.1%	\$29.27	\$29.93	\$0.66	2%	8
9	OL1	50000 Lumen High Pressure Sodium Vapor Class A Ballast	32	0.5%	\$35.35	\$36.33	\$0.97	3%	9
10	OL1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	235	3.7%	\$35.35	\$36.33	\$0.97	3%	10
11	OL1	50000 Lumen High Pressure Sodium Vapor Class B Ballast	8	0.1%	\$37.14	\$38.12	\$0.97	3%	11
12	OL1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	124	1.9%	\$37.14	\$38.12	\$0.97	3%	12
13	OL1	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	5	0.1%	\$65.15	\$67.28	\$2.14	3%	13
14	OL1	140000 Lumen High Pressure Sodium Vapor Class B Ballast	2	0.0%	\$69.44	\$71.57	\$2.14	3%	14
15	OL1	140000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	83	1.3%	\$69.44	\$71.57	\$2.14	3%	15
16	OL1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	118	1.8%	\$20.64	\$20.88	\$0.24	1%	16
17	OL1	13000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	303	4.7%	\$24.54	\$24.90	\$0.35	1%	17
18	OL1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	95	1.5%	\$28.02	\$28.46	\$0.45	2%	18
19	OL1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	417	6.5%	\$32.01	\$32.52	\$0.52	2%	19
20	Grand Total		6427	100.0%	\$23.35	\$23.83	\$0.48	2%	20

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
 Schedule LS3 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Customers	% of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	1
2	-10.0% to -8%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	2
3	-8.0% to -6%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	3
4	-6.0% to -4%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	4
5	-4.0% to -2%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	5
6	-2.0% to 0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	6
7	0.0% to 2%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	7
8	2.0% to 4%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	8
9	4.0% to 6%	Metered Usage	147	100.0%	\$14.29	\$14.87	\$0.58	4%	9
10	6.0% to 8%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	10
11	8.0% to 10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	11
12	>10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	12
13	Grand Total		147	100.0%	\$14.29	\$14.87	\$0.58	4%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
 Schedule OL2 (Annual Billing Period)

LINE NO.	Range	Light Type	Number of Customers	% of Customers	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	1
2	-10.0% to -8%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	2
3	-8.0% to -6%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	3
4	-6.0% to -4%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	4
5	-4.0% to -2%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	5
6	-2.0% to 0%	Metered Usage	1	2.7%	\$1.15	\$1.15	\$0.00	0%	6
7	0.0% to 2%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	7
8	2.0% to 4%	Metered Usage	23	62.2%	\$14.28	\$14.82	\$0.55	4%	8
9	4.0% to 6%	Metered Usage	13	35.1%	\$62.42	\$64.97	\$2.55	4%	9
10	6.0% to 8%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	10
11	8.0% to 10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	11
12	>10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	12
13	Grand Total		37	100.0%	\$30.84	\$32.07	\$1.24	4%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT REBUTTAL YEAR 2 AND REBUTTAL YEAR 3**  
 Poles (Annual Billing Period)

LINE NO.	Rate	Pole Type	Number of Poles	% of Poles	Rebuttal Year 2 (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	30-Foot Pole	73	24.1%	\$7,235.76	\$7,235.76	\$0.00	0%	1
2	LS1	35-Foot Pole	2	0.7%	\$207.12	\$207.12	\$0.00	0%	2
3	OL1	30-Foot Pole	83	27.4%	\$13,854.36	\$13,854.36	\$0.00	0%	3
4	OL1	35-Foot Pole	145	47.9%	\$25,299.60	\$25,299.60	\$0.00	0%	4
5	Grand Total		303	100.0%	\$12.82	\$12.82	\$0.00	0%	5



**ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1**

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.22383	0.03248	17.0%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.22383	0.03248	17.0%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
12	Above 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.18920	0.01371	7.8%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.18920	0.01371	7.8%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
17	Above 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19143	0.02778	17.0%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19143	0.02778	17.0%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
12	Above 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16181	0.01172	7.8%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16181	0.01172	7.8%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
17	Above 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.21601	0.03259	17.8%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.21601	0.03259	17.8%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18138	0.01382	8.2%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18138	0.01382	8.2%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
17	Above 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22140	0.03259	17.3%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22140	0.03259	17.3%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.18677	0.01382	8.0%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.18677	0.01382	8.0%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
17	Above 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.22383	0.03248	17.0%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.22383	0.03248	17.0%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
12	Above 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.18920	0.01371	7.8%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.18920	0.01371	7.8%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
17	Above 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19143	0.02778	17.0%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19143	0.02778	17.0%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
12	Above 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16181	0.01172	7.8%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16181	0.01172	7.8%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
17	Above 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.21601	0.03259	17.8%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.21601	0.03259	17.8%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18138	0.01382	8.2%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18138	0.01382	8.2%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
17	Above 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.22383	0.03248	17.0%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.22383	0.03248	17.0%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
12	Above 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.18920	0.01371	7.8%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.18920	0.01371	7.8%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
17	Above 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19143	0.02778	17.0%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19143	0.02778	17.0%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
12	Above 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16181	0.01172	7.8%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16181	0.01172	7.8%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
17	Above 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.21601	0.03259	17.8%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.21601	0.03259	17.8%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18138	0.01382	8.2%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18138	0.01382	8.2%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
17	Above 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22140	0.03259	17.3%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22140	0.03259	17.3%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.18677	0.01382	8.0%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.18677	0.01382	8.0%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
17	Above 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.22383	0.03248	17.0%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.22383	0.03248	17.0%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
12	Above 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.18920	0.01371	7.8%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.18920	0.01371	7.8%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
17	Above 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19143	0.02778	17.0%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19143	0.02778	17.0%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
12	Above 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16181	0.01172	7.8%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16181	0.01172	7.8%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
17	Above 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.21601	0.03259	17.8%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.21601	0.03259	17.8%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18138	0.01382	8.2%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18138	0.01382	8.2%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
17	Above 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22140	0.03259	17.3%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22140	0.03259	17.3%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.18677	0.01382	8.0%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.18677	0.01382	8.0%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
17	Above 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.22383	0.03248	17.0%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.22383	0.03248	17.0%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
12	Above 400% of Baseline	\$/kWh	0.39459	0.46160	0.06701	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.18920	0.01371	7.8%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.18920	0.01371	7.8%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
17	Above 400% of Baseline	\$/kWh	0.36190	0.39018	0.02828	7.8%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19143	0.02778	17.0%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19143	0.02778	17.0%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
12	Above 400% of Baseline	\$/kWh	0.24895	0.29122	0.04227	17.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16181	0.01172	7.8%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16181	0.01172	7.8%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
17	Above 400% of Baseline	\$/kWh	0.22833	0.24617	0.01784	7.8%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.21601	0.03259	17.8%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.21601	0.03259	17.8%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.45378	0.06712	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18138	0.01382	8.2%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18138	0.01382	8.2%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
17	Above 400% of Baseline	\$/kWh	0.35397	0.38236	0.02839	8.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22140	0.03259	17.3%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22140	0.03259	17.3%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.45917	0.06712	17.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.18677	0.01382	8.0%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.18677	0.01382	8.0%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
17	Above 400% of Baseline	\$/kWh	0.35936	0.38775	0.02839	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.18900	0.02789	17.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.18900	0.02789	17.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.28879	0.04238	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.15938	0.01183	8.0%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.15938	0.01183	8.0%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
17	Above 400% of Baseline	\$/kWh	0.22579	0.24374	0.01795	7.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28978	0.31292	0.02314	8.0%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28978	0.31292	0.02314	8.0%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59758	0.64531	0.04773	8.0%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59758	0.64531	0.04773	8.0%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.19959	0.19959	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.19959	0.19959	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.41161	0.41161	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.41161	0.41161	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16773	0.17339	0.00566	3.4%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16773	0.17339	0.00566	3.4%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34588	0.35758	0.01170	3.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34588	0.35758	0.01170	3.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16912	0.18242	0.01330	7.9%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16912	0.18242	0.01330	7.9%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34876	0.37620	0.02744	7.9%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34876	0.37620	0.02744	7.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17810	0.17810	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17810	0.17810	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.36729	0.36729	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.36729	0.36729	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.16238	0.17363	0.01125	6.9%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16238	0.17363	0.01125	6.9%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33485	0.35806	0.02321	6.9%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33485	0.35806	0.02321	6.9%
34	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24783	0.26762	0.01979	8.0%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24783	0.26762	0.01979	8.0%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37702	0.40713	0.03011	8.0%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37702	0.40713	0.03011	8.0%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17070	0.17070	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17070	0.17070	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.25968	0.25968	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.25968	0.25968	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14345	0.14829	0.00484	3.4%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14345	0.14829	0.00484	3.4%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21822	0.22560	0.00738	3.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21822	0.22560	0.00738	3.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14464	0.15601	0.01137	7.9%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14464	0.15601	0.01137	7.9%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.22004	0.23734	0.01730	7.9%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.22004	0.23734	0.01730	7.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15232	0.15232	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15232	0.15232	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.23172	0.23172	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.23172	0.23172	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13887	0.14849	0.00962	6.9%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13887	0.14849	0.00962	6.9%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21126	0.22590	0.01464	6.9%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.21126	0.22590	0.01464	6.9%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28185	0.30510	0.02325	8.2%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28185	0.30510	0.02325	8.2%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.58965	0.63749	0.04784	8.1%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.58965	0.63749	0.04784	8.1%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.19177	0.19177	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.19177	0.19177	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.40379	0.40379	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.40379	0.40379	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.15980	0.16557	0.00577	3.6%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15980	0.16557	0.00577	3.6%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33795	0.34976	0.01181	3.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.33795	0.34976	0.01181	3.5%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16119	0.17460	0.01341	8.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16119	0.17460	0.01341	8.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34083	0.36838	0.02755	8.1%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34083	0.36838	0.02755	8.1%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17028	0.17028	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17028	0.17028	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.35947	0.35947	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.35947	0.35947	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15445	0.16581	0.01136	7.4%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15445	0.16581	0.01136	7.4%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.32692	0.35024	0.02332	7.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.32692	0.35024	0.02332	7.1%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.26519	0.01990	8.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.26519	0.01990	8.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.40470	0.03022	8.1%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.40470	0.03022	8.1%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.16827	0.16827	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.16827	0.16827	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.25725	0.25725	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.25725	0.25725	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.14586	0.00495	3.5%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.14586	0.00495	3.5%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.22317	0.00749	3.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.22317	0.00749	3.5%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.15358	0.01148	8.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.15358	0.01148	8.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.23491	0.01741	8.0%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.23491	0.01741	8.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.14989	0.14989	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.14989	0.14989	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.22929	0.22929	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.22929	0.22929	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.14606	0.00973	7.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.14606	0.00973	7.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.22347	0.01475	7.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.22347	0.01475	7.1%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28724	0.31049	0.02325	8.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28724	0.31049	0.02325	8.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59504	0.64288	0.04784	8.0%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59504	0.64288	0.04784	8.0%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.19716	0.19716	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.19716	0.19716	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.40918	0.40918	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.40918	0.40918	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16519	0.17096	0.00577	3.5%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16519	0.17096	0.00577	3.5%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34334	0.35515	0.01181	3.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34334	0.35515	0.01181	3.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16658	0.17999	0.01341	8.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16658	0.17999	0.01341	8.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34622	0.37377	0.02755	8.0%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34622	0.37377	0.02755	8.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17567	0.17567	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17567	0.17567	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.36486	0.36486	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.36486	0.36486	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15984	0.17120	0.01136	7.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15984	0.17120	0.01136	7.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33231	0.35563	0.02332	7.0%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33231	0.35563	0.02332	7.0%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.26519	0.01990	8.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.26519	0.01990	8.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.40470	0.03022	8.1%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.40470	0.03022	8.1%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.16827	0.16827	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.16827	0.16827	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.25725	0.25725	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.25725	0.25725	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.14586	0.00495	3.5%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.14586	0.00495	3.5%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.22317	0.00749	3.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.22317	0.00749	3.5%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.15358	0.01148	8.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.15358	0.01148	8.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.23491	0.01741	8.0%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.23491	0.01741	8.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.14989	0.14989	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.14989	0.14989	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.22929	0.22929	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.22929	0.22929	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.14606	0.00973	7.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.14606	0.00973	7.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.22347	0.01475	7.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.22347	0.01475	7.1%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46817	0.48806	0.01989	4.2%
10	Semi-Peak: Summer	\$/kWh	0.23107	0.25441	0.02334	10.1%
11	Off-Peak: Summer	\$/kWh	0.20889	0.20034	(0.00855)	-4.1%
12	On-Peak: Winter	\$/kWh	0.00000	0.21893	0.21893	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21723	0.21009	(0.00714)	-3.3%
14	Off-Peak: Winter	\$/kWh	0.20378	0.20082	(0.00296)	-1.5%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%



**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46278	0.48267	0.01989	4.3%
10	Semi-Peak: Summer	\$/kWh	0.22568	0.24902	0.02334	10.3%
11	Off-Peak: Summer	\$/kWh	0.20350	0.19495	(0.00855)	-4.2%
12	On-Peak: Winter	\$/kWh	0.00000	0.21354	0.21354	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21184	0.20470	(0.00714)	-3.4%
14	Off-Peak: Winter	\$/kWh	0.19839	0.19543	(0.00296)	-1.5%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46024	0.48267	0.02243	4.9%
10	Semi-Peak: Summer	\$/kWh	0.22314	0.24902	0.02588	11.6%
11	Off-Peak: Summer	\$/kWh	0.20096	0.19495	(0.00601)	-3.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.21354	0.21354	0.0%
13	Semi-Peak: Winter	\$/kWh	0.20930	0.20470	(0.00460)	-2.2%
14	Off-Peak: Winter	\$/kWh	0.19585	0.19543	(0.00042)	-0.2%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46127	0.48806	0.02679	5.8%
10	Off-Peak: Summer	\$/kWh	0.22100	0.25440	0.03340	15.1%
11	Super Off-Peak: Summer	\$/kWh	0.17792	0.20033	0.02241	12.6%
12	On-Peak: Winter	\$/kWh	0.21951	0.21896	(0.00055)	-0.3%
13	Off-Peak: Winter	\$/kWh	0.20934	0.21009	0.00075	0.4%
14	Super Off-Peak: Winter	\$/kWh	0.18907	0.20081	0.01174	6.2%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46211	0.48806	0.02595	5.6%
10	Off-Peak: Summer	\$/kWh	0.22391	0.25440	0.03049	13.6%
11	Super Off-Peak: Summer	\$/kWh	0.17789	0.20033	0.02244	12.6%
12	On-Peak: Winter	\$/kWh	0.21612	0.21896	0.00284	1.3%
13	Off-Peak: Winter	\$/kWh	0.21221	0.21009	(0.00212)	-1.0%
14	Super Off-Peak: Winter	\$/kWh	0.18905	0.20081	0.01176	6.2%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45672	0.48267	0.02595	5.7%
10	Off-Peak: Summer	\$/kWh	0.21852	0.24901	0.03049	14.0%
11	Super Off-Peak: Summer	\$/kWh	0.17250	0.19494	0.02244	13.0%
12	On-Peak: Winter	\$/kWh	0.20682	0.21357	0.00675	3.3%
13	Off-Peak: Winter	\$/kWh	0.20682	0.20470	(0.00212)	-1.0%
14	Super Off-Peak: Winter	\$/kWh	0.18366	0.19542	0.01176	6.4%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45416	0.48267	0.02851	6.3%
10	Off-Peak: Summer	\$/kWh	0.21597	0.24901	0.03304	15.3%
11	Super Off-Peak: Summer	\$/kWh	0.16996	0.19494	0.02498	14.7%
12	On-Peak: Winter	\$/kWh	0.20819	0.21357	0.00538	2.6%
13	Off-Peak: Winter	\$/kWh	0.20427	0.20470	0.00043	0.2%
14	Super Off-Peak: Winter	\$/kWh	0.18112	0.19542	0.01430	7.9%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44696	0.51536	0.06840	15.3%
10	Semi-Peak: Summer	\$/kWh	0.39459	0.46160	0.06701	17.0%
11	Off-Peak: Summer	\$/kWh	0.35527	0.40837	0.05310	14.9%
12	On-Peak: Winter	\$/kWh	0.39226	0.39888	0.00662	1.7%
13	Semi-Peak: Winter	\$/kWh	0.37825	0.39005	0.01180	3.1%
14	Off-Peak: Winter	\$/kWh	0.35882	0.38085	0.02203	6.1%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	\$/Day	0.329	0.329	0.000	0.0%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30132	0.34498	0.04366	14.5%
10	Semi-Peak: Summer	\$/kWh	0.24895	0.29122	0.04227	17.0%
11	Off-Peak: Summer	\$/kWh	0.20963	0.23799	0.02836	13.5%
12	On-Peak: Winter	\$/kWh	0.25869	0.25487	(0.00382)	-1.5%
13	Semi-Peak: Winter	\$/kWh	0.24468	0.24604	0.00136	0.6%
14	Off-Peak: Winter	\$/kWh	0.22525	0.23684	0.01159	5.1%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.43903	0.50754	0.06851	15.6%
10	Semi-Peak: Summer	\$/kWh	0.38666	0.45378	0.06712	17.4%
11	Off-Peak: Summer	\$/kWh	0.34734	0.40055	0.05321	15.3%
12	On-Peak: Winter	\$/kWh	0.38433	0.39106	0.00673	1.8%
13	Semi-Peak: Winter	\$/kWh	0.37032	0.38223	0.01191	3.2%
14	Off-Peak: Winter	\$/kWh	0.35089	0.37303	0.02214	6.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.34255	0.04377	14.6%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.28879	0.04238	17.2%
11	Off-Peak: Summer	\$/kWh	0.20709	0.23556	0.02847	13.7%
12	On-Peak: Winter	\$/kWh	0.25615	0.25244	(0.00371)	-1.4%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.24361	0.00147	0.6%
14	Off-Peak: Winter	\$/kWh	0.22271	0.23441	0.01170	5.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44442	0.51293	0.06851	15.4%
10	Semi-Peak: Summer	\$/kWh	0.39205	0.45917	0.06712	17.1%
11	Off-Peak: Summer	\$/kWh	0.35273	0.40594	0.05321	15.1%
12	On-Peak: Winter	\$/kWh	0.38972	0.39645	0.00673	1.7%
13	Semi-Peak: Winter	\$/kWh	0.37571	0.38762	0.01191	3.2%
14	Off-Peak: Winter	\$/kWh	0.35628	0.37842	0.02214	6.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.34255	0.04377	14.6%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.28879	0.04238	17.2%
11	Off-Peak: Summer	\$/kWh	0.20709	0.23556	0.02847	13.7%
12	On-Peak: Winter	\$/kWh	0.25615	0.25244	(0.00371)	-1.4%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.24361	0.00147	0.6%
14	Off-Peak: Winter	\$/kWh	0.22271	0.23441	0.01170	5.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.09979)	(0.01449)	17.0%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08436)	(0.00612)	7.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.66138	0.09572	16.9%
10	Off-Peak: Summer	\$/kWh	0.34910	0.40817	0.05907	16.9%
11	Super Off-Peak: Summer	\$/kWh	0.29712	0.34739	0.05027	16.9%
12	On-Peak: Winter	\$/kWh	0.37307	0.40222	0.02915	7.8%
13	Off-Peak: Winter	\$/kWh	0.36205	0.39034	0.02829	7.8%
14	Super Off-Peak: Winter	\$/kWh	0.35117	0.37861	0.02744	7.8%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.65599	0.09826	17.6%
10	Off-Peak: Summer	\$/kWh	0.34117	0.40278	0.06161	18.1%
11	Super Off-Peak: Summer	\$/kWh	0.28919	0.34200	0.05281	18.3%
12	On-Peak: Winter	\$/kWh	0.36514	0.39683	0.03169	8.7%
13	Off-Peak: Winter	\$/kWh	0.35412	0.38495	0.03083	8.7%
14	Super Off-Peak: Winter	\$/kWh	0.34324	0.37322	0.02998	8.7%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.66138	0.09572	16.9%
10	Off-Peak: Summer	\$/kWh	0.32937	0.38514	0.05577	16.9%
12	On-Peak: Winter	\$/kWh	0.37307	0.40222	0.02915	7.8%
13	Off-Peak: Winter	\$/kWh	0.35766	0.38562	0.02796	7.8%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.65599	0.09826	17.6%
10	Off-Peak: Summer	\$/kWh	0.32144	0.37975	0.05831	18.1%
12	On-Peak: Winter	\$/kWh	0.36514	0.39683	0.03169	8.7%
13	Off-Peak: Winter	\$/kWh	0.34973	0.38023	0.03050	8.7%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.23777)	(0.03453)	17.0%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20098)	(0.01457)	7.8%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
5	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
6	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
7	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
8	Primary					
9	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
10	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
11	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
12	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.24728	0.24592	(0.00136)	-0.5%
28	Primary	\$/kWh	0.24662	0.24504	(0.00158)	-0.6%
29	Winter					
30	Secondary	\$/kWh	0.19019	0.18475	(0.00544)	-2.9%
31	Primary	\$/kWh	0.18959	0.18415	(0.00544)	-2.9%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
5	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
6	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
7	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
8	Primary					
9	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
10	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
11	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
12	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.19160	0.19642	0.00482	2.5%
28	Primary	\$/kWh	0.19123	0.19606	0.00483	2.5%
29	Winter					
30	Secondary	\$/kWh	0.17278	0.16174	(0.01104)	-6.4%
31	Primary	\$/kWh	0.17241	0.16138	(0.01103)	-6.4%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
5	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
6	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
7	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
8	Primary					
9	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
10	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
11	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
12	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.27782	0.28376	0.00594	2.1%
28	Primary	\$/kWh	0.27669	0.28263	0.00594	2.1%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.24728	0.24592	(0.00136)	-0.5%
31	Primary	\$/kWh	0.24636	0.24498	(0.00138)	-0.6%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.21110	0.21242	0.00132	0.6%
34	Primary	\$/kWh	0.21043	0.21163	0.00120	0.6%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21490	0.19315	(0.02175)	-10.1%
37	Primary	\$/kWh	0.21411	0.19247	(0.02164)	-10.1%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20254	0.18498	(0.01756)	-8.7%
40	Primary	\$/kWh	0.20184	0.18437	(0.01747)	-8.7%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.18539	0.17645	(0.00894)	-4.8%
43	Primary	\$/kWh	0.18483	0.17594	(0.00889)	-4.8%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
5	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
6	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
7	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
8	Primary					
9	0-5 kW	\$/Month	7.00	9.33	2.33	33.3%
10	5-20 kW	\$/Month	12.00	16.00	4.00	33.3%
11	20-50 kW	\$/Month	20.00	26.67	6.67	33.4%
12	>50 kW	\$/Month	50.00	66.67	16.67	33.3%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.19160	0.19642	0.00482	2.5%
28	Primary	\$/kWh	0.19123	0.19606	0.00483	2.5%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.19160	0.19642	0.00482	2.5%
31	Primary	\$/kWh	0.19123	0.19606	0.00483	2.5%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.19160	0.19642	0.00482	2.5%
34	Primary	\$/kWh	0.19123	0.19606	0.00483	2.5%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.17278	0.16174	(0.01104)	-6.4%
37	Primary	\$/kWh	0.17241	0.16138	(0.01103)	-6.4%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.17278	0.16174	(0.01104)	-6.4%
40	Primary	\$/kWh	0.17241	0.16138	(0.01103)	-6.4%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.17278	0.16174	(0.01104)	-6.4%
43	Primary	\$/kWh	0.17241	0.16138	(0.01103)	-6.4%



REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	58.87	58.87	0.0%
5	5-20 kW	\$/Month	0.00	156.16	156.16	0.0%
6	20-50 kW	\$/Month	0.00	371.14	371.14	0.0%
7	>50 kW	\$/Month	0.00	957.17	957.17	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	121.88	121.88	0.0%
10	5-20 kW	\$/Month	0.00	182.64	182.64	0.0%
11	20-50 kW	\$/Month	0.00	309.05	309.05	0.0%
12	>50 kW	\$/Month	0.00	941.09	941.09	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.31017	0.31017	0.0%
28	Primary	\$/kWh	0.00000	0.30894	0.30894	0.0%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.00000	0.15092	0.15092	0.0%
31	Primary	\$/kWh	0.00000	0.15046	0.15046	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.10658	0.10658	0.0%
34	Primary	\$/kWh	0.00000	0.10633	0.10633	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.12366	0.12366	0.0%
37	Primary	\$/kWh	0.00000	0.12334	0.12334	0.0%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.00000	0.11549	0.11549	0.0%
40	Primary	\$/kWh	0.00000	0.11524	0.11524	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.10696	0.10696	0.0%
43	Primary	\$/kWh	0.00000	0.10681	0.10681	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	9.33	9.33	0.0%
5	5-20 kW	\$/Month	0.00	16.00	16.00	0.0%
6	20-50 kW	\$/Month	0.00	26.67	26.67	0.0%
7	>50 kW	\$/Month	0.00	66.67	66.67	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	9.33	9.33	0.0%
10	5-20 kW	\$/Month	0.00	16.00	16.00	0.0%
11	20-50 kW	\$/Month	0.00	26.67	26.67	0.0%
12	>50 kW	\$/Month	0.00	66.67	66.67	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.28376	0.28376	0.0%
28	Primary	\$/kWh	0.00000	0.28263	0.28263	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23482	0.23482	0.0%
34	Primary	\$/kWh	0.00000	0.23393	0.23393	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.19315	0.19315	0.0%
37	Primary	\$/kWh	0.00000	0.19247	0.19247	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.18196	0.18196	0.0%
43	Primary	\$/kWh	0.00000	0.18132	0.18132	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	7.00	9.33	2.33	33.3%
4	Over 5 kW	\$/Month	12.00	16.00	4.00	33.3%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.17120	0.15191	(0.01929)	-11.3%
12	Winter	\$/kWh	0.17120	0.15191	(0.01929)	-11.3%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	1.48	1.48	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.41620	0.33793	(0.07827)	-18.8%
15	Semi-Peak	\$/kWh	0.25462	0.17991	(0.07471)	-29.3%
16	Off-Peak	\$/kWh	0.23439	0.13541	(0.09898)	-42.2%
17	Winter					
18	On-Peak	\$/kWh	0.21003	0.15250	(0.05753)	-27.4%
19	Semi-Peak	\$/kWh	0.19816	0.14430	(0.05386)	-27.2%
20	Off-Peak	\$/kWh	0.18180	0.13574	(0.04606)	-25.3%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	1.48	1.48	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.19160	0.15548	(0.03612)	-18.9%
15	Semi-Peak	\$/kWh	0.19160	0.15548	(0.03612)	-18.9%
16	Off-Peak	\$/kWh	0.19160	0.15548	(0.03612)	-18.9%
17	Winter					
18	On-Peak	\$/kWh	0.17278	0.12080	(0.05198)	-30.1%
19	Semi-Peak	\$/kWh	0.17278	0.12080	(0.05198)	-30.1%
20	Off-Peak	\$/kWh	0.17278	0.12080	(0.05198)	-30.1%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	6.01	8.02	2.01	33.4%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.24702	0.24566	(0.00136)	-0.6%
10	Winter	\$/kWh	0.19006	0.18462	(0.00544)	-2.9%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	55.42	139.73	84.31	152.1%
4	Primary	\$/Month	55.42	37.68	(17.74)	-32.0%
5	Maximum Demand Charge					
6	Secondary	\$/KW	29.35	31.46	2.11	7.2%
7	Primary	\$/KW	28.12	30.93	2.81	10.0%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	0.00	0.00	0.00	0.0%
13	Primary	\$/KW	0.00	0.00	0.00	0.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	0.00	0.00	0.00	0.0%
16	Primary	\$/KW	0.00	0.00	0.00	0.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	9.90	8.79	(1.11)	-11.2%
19	Primary	\$/KW	9.85	8.75	(1.10)	-11.2%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.25	0.00	(0.25)	-100.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.11798	0.12150	0.00352	3.0%
27	Primary	\$/kWh	0.11743	0.12098	0.00355	3.0%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.10928	0.10305	(0.00623)	-5.7%
30	Primary	\$/kWh	0.10883	0.10263	(0.00620)	-5.7%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.08446	0.08655	0.00209	2.5%
33	Primary	\$/kWh	0.08420	0.08632	0.00212	2.5%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.11114	0.11097	(0.00017)	-0.2%
36	Primary	\$/kWh	0.11066	0.11052	(0.00014)	-0.1%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.09669	0.09933	0.00264	2.7%
39	Primary	\$/kWh	0.09632	0.09897	0.00265	2.8%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.07679	0.08718	0.01039	13.5%
42	Primary	\$/kWh	0.07657	0.08696	0.01039	13.6%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	139.73	23.29	20.0%
5	Primary	\$/Month	31.40	37.68	6.28	20.0%
6	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
7	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
8	Transmission	\$/Month	169.34	203.21	33.87	20.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	558.89	93.15	20.0%
11	Primary	\$/Month	37.35	44.83	7.48	20.0%
12	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
13	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
14	Transmission	\$/Month	677.54	813.05	135.51	20.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	33,675.97	5,612.66	20.0%
17	Primary Substation	\$/Month	28,115.43	33,738.52	5,623.09	20.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	23.61	0.79	3.5%
25	Primary	\$/kW	22.26	23.17	0.91	4.1%
26	Secondary Substation	\$/kW	12.95	13.02	0.07	0.5%
27	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
28	Transmission	\$/kW	12.45	12.52	0.07	0.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	18.95	(0.51)	-2.6%
37	Primary	\$/kW	19.11	18.80	(0.31)	-1.6%
38	Secondary Substation	\$/kW	11.95	11.01	(0.94)	-7.9%
39	Primary Substation	\$/kW	11.83	10.90	(0.93)	-7.9%
40	Transmission	\$/kW	11.37	10.50	(0.87)	-7.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	7.41	0.40	5.7%
43	Primary	\$/kW	6.97	7.36	0.39	5.6%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12004	0.12356	0.00352	2.9%
81	Primary	\$/kWh	0.11948	0.12303	0.00355	3.0%
82	Secondary Substation	\$/kWh	0.11571	0.11903	0.00332	2.9%
83	Primary Substation	\$/kWh	0.11515	0.11850	0.00335	2.9%
84	Transmission	\$/kWh	0.11045	0.11377	0.00332	3.0%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.11116	0.10494	(0.00622)	-5.6%
87	Primary	\$/kWh	0.11071	0.10451	(0.00620)	-5.6%
88	Secondary Substation	\$/kWh	0.10683	0.10041	(0.00642)	-6.0%
89	Primary Substation	\$/kWh	0.10638	0.09998	(0.00640)	-6.0%
90	Transmission	\$/kWh	0.10222	0.09608	(0.00614)	-6.0%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08445	0.08655	0.00210	2.5%
93	Primary	\$/kWh	0.08420	0.08632	0.00212	2.5%
94	Secondary Substation	\$/kWh	0.08012	0.08202	0.00190	2.4%
95	Primary Substation	\$/kWh	0.07987	0.08179	0.00192	2.4%
96	Transmission	\$/kWh	0.07697	0.07883	0.00186	2.4%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11115	0.11098	(0.00017)	-0.2%
99	Primary	\$/kWh	0.11067	0.11053	(0.00014)	-0.1%
100	Secondary Substation	\$/kWh	0.10682	0.10645	(0.00037)	-0.3%
101	Primary Substation	\$/kWh	0.10634	0.10600	(0.00034)	-0.3%
102	Transmission	\$/kWh	0.10212	0.10188	(0.00024)	-0.2%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09669	0.09933	0.00264	2.7%
105	Primary	\$/kWh	0.09632	0.09897	0.00265	2.8%
106	Secondary Substation	\$/kWh	0.09236	0.09480	0.00244	2.6%
107	Primary Substation	\$/kWh	0.09199	0.09444	0.00245	2.7%
108	Transmission	\$/kWh	0.08852	0.09090	0.00238	2.7%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07678	0.08718	0.01040	13.5%
111	Primary	\$/kWh	0.07657	0.08696	0.01039	13.6%
112	Secondary Substation	\$/kWh	0.07245	0.08265	0.01020	14.1%
113	Primary Substation	\$/kWh	0.07224	0.08243	0.01019	14.1%
114	Transmission	\$/kWh	0.06966	0.07944	0.00978	14.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	139.73	23.29	20.0%
5	Primary	\$/Month	31.40	37.68	6.28	20.0%
6	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
7	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
8	Transmission	\$/Month	169.34	203.21	33.87	20.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	558.89	93.15	20.0%
11	Primary	\$/Month	37.35	44.83	7.48	20.0%
12	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
13	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
14	Transmission	\$/Month	677.54	813.05	135.51	20.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	33,675.97	5,612.66	20.0%
17	Primary Substation	\$/Month	28,115.43	33,738.52	5,623.09	20.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	23.61	0.79	3.5%
25	Primary	\$/kW	22.26	23.17	0.91	4.1%
26	Secondary Substation	\$/kW	12.35	12.41	0.06	0.5%
27	Primary Substation	\$/kW	11.97	12.03	0.06	0.5%
28	Transmission	\$/kW	11.85	11.91	0.06	0.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	18.95	(0.51)	-2.6%
37	Primary	\$/kW	19.11	18.80	(0.31)	-1.6%
38	Secondary Substation	\$/kW	11.95	11.01	(0.94)	-7.9%
39	Primary Substation	\$/kW	11.83	10.90	(0.93)	-7.9%
40	Transmission	\$/kW	11.37	10.50	(0.87)	-7.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	7.41	0.40	5.7%
43	Primary	\$/kW	6.97	7.36	0.39	5.6%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07628	0.09352	0.01724	22.6%
81	Primary	\$/kWh	0.07627	0.09351	0.01724	22.6%
82	Secondary Substation	\$/kWh	0.07355	0.09064	0.01709	23.2%
83	Primary Substation	\$/kWh	0.07354	0.09063	0.01709	23.2%
84	Transmission	\$/kWh	0.07344	0.09053	0.01709	23.3%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.07610	0.09334	0.01724	22.7%
87	Primary	\$/kWh	0.07609	0.09333	0.01724	22.7%
88	Secondary Substation	\$/kWh	0.07337	0.09046	0.01709	23.3%
89	Primary Substation	\$/kWh	0.07336	0.09045	0.01709	23.3%
90	Transmission	\$/kWh	0.07328	0.09037	0.01709	23.3%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07421	0.09145	0.01724	23.2%
93	Primary	\$/kWh	0.07421	0.09145	0.01724	23.2%
94	Secondary Substation	\$/kWh	0.07148	0.08857	0.01709	23.9%
95	Primary Substation	\$/kWh	0.07148	0.08857	0.01709	23.9%
96	Transmission	\$/kWh	0.07148	0.08857	0.01709	23.9%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
99	Primary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
100	Secondary Substation	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
101	Primary Substation	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
102	Transmission	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
105	Primary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
106	Secondary Substation	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
107	Primary Substation	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
108	Transmission	\$/kWh	0.05303	0.05116	(0.00187)	-3.5%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.05575	0.05403	(0.00172)	-3.1%
111	Primary	\$/kWh	0.05575	0.05403	(0.00172)	-3.1%
112	Secondary Substation	\$/kWh	0.05302	0.05115	(0.00187)	-3.5%
113	Primary Substation	\$/kWh	0.05302	0.05115	(0.00187)	-3.5%
114	Transmission	\$/kWh	0.05302	0.05115	(0.00187)	-3.5%



REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	0.00	310.34	310.34	0.0%
5	Primary	\$/Month	0.00	150.50	150.50	0.0%
6	Secondary Substation	\$/Month	0.00	68,388.96	68,388.96	0.0%
7	Primary Substation	\$/Month	0.00	68,229.13	68,229.13	0.0%
8	Transmission	\$/Month	0.00	1,005.92	1,005.92	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	0.00	744.64	744.64	0.0%
11	Primary	\$/Month	0.00	174.24	174.24	0.0%
12	Secondary Substation	\$/Month	0.00	68,823.26	68,823.26	0.0%
13	Primary Substation	\$/Month	0.00	68,252.86	68,252.86	0.0%
14	Transmission	\$/Month	0.00	1,962.73	1,962.73	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	0.00	70,041.35	70,041.35	0.0%
17	Primary Substation	\$/Month	0.00	68,341.30	68,341.30	0.0%
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	3,000.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	1.23	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	3.17	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	1.22	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	3.13	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	0.00	28.15	28.15	0.0%
25	Primary	\$/kW	0.00	27.68	27.68	0.0%
26	Secondary Substation	\$/kW	0.00	13.02	13.02	0.0%
27	Primary Substation	\$/kW	0.00	12.64	12.64	0.0%
28	Transmission	\$/kW	0.00	12.52	12.52	0.0%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	0.00	17.45	17.45	0.0%
37	Primary	\$/kW	0.00	17.31	17.31	0.0%
38	Secondary Substation	\$/kW	0.00	17.39	17.39	0.0%
39	Primary Substation	\$/kW	0.00	17.25	17.25	0.0%
40	Transmission	\$/kW	0.00	16.57	16.57	0.0%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.00	0.66	0.66	0.0%
43	Primary	\$/kW	0.00	0.64	0.64	0.0%
44	Secondary Substation	\$/kW	0.00	0.61	0.61	0.0%
45	Primary Substation	\$/kW	0.00	0.59	0.59	0.0%
46	Transmission	\$/kW	0.00	0.59	0.59	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.00	0.25	0.25	0.0%
73	Primary	\$/kvar	0.00	0.25	0.25	0.0%
74	Secondary Substation	\$/kvar	0.00	0.25	0.25	0.0%
75	Primary Substation	\$/kvar	0.00	0.25	0.25	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.00000	0.10936	0.10936	0.0%
81	Primary	\$/kWh	0.00000	0.10889	0.10889	0.0%
82	Secondary Substation	\$/kWh	0.00000	0.10483	0.10483	0.0%
83	Primary Substation	\$/kWh	0.00000	0.10436	0.10436	0.0%
84	Transmission	\$/kWh	0.00000	0.10024	0.10024	0.0%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.00000	0.09314	0.09314	0.0%
87	Primary	\$/kWh	0.00000	0.09277	0.09277	0.0%
88	Secondary Substation	\$/kWh	0.00000	0.08861	0.08861	0.0%
89	Primary Substation	\$/kWh	0.00000	0.08824	0.08824	0.0%
90	Transmission	\$/kWh	0.00000	0.08484	0.08484	0.0%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.00000	0.07691	0.07691	0.0%
93	Primary	\$/kWh	0.00000	0.07671	0.07671	0.0%
94	Secondary Substation	\$/kWh	0.00000	0.07238	0.07238	0.0%
95	Primary Substation	\$/kWh	0.00000	0.07218	0.07218	0.0%
96	Transmission	\$/kWh	0.00000	0.06961	0.06961	0.0%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.00000	0.09815	0.09815	0.0%
99	Primary	\$/kWh	0.00000	0.09776	0.09776	0.0%
100	Secondary Substation	\$/kWh	0.00000	0.09362	0.09362	0.0%
101	Primary Substation	\$/kWh	0.00000	0.09323	0.09323	0.0%
102	Transmission	\$/kWh	0.00000	0.08965	0.08965	0.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.00000	0.08803	0.08803	0.0%
105	Primary	\$/kWh	0.00000	0.08771	0.08771	0.0%
106	Secondary Substation	\$/kWh	0.00000	0.08350	0.08350	0.0%
107	Primary Substation	\$/kWh	0.00000	0.08318	0.08318	0.0%
108	Transmission	\$/kWh	0.00000	0.08010	0.08010	0.0%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.00000	0.07746	0.07746	0.0%
111	Primary	\$/kWh	0.00000	0.07727	0.07727	0.0%
112	Secondary Substation	\$/kWh	0.00000	0.07293	0.07293	0.0%
113	Primary Substation	\$/kWh	0.00000	0.07274	0.07274	0.0%
114	Transmission	\$/kWh	0.00000	0.07014	0.07014	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	139.73	23.29	20.0%
5	Primary	\$/Month	31.40	37.68	6.28	20.0%
6	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
7	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
8	Transmission	\$/Month	169.34	203.21	33.87	20.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	558.89	93.15	20.0%
11	Primary	\$/Month	37.35	44.83	7.48	20.0%
12	Secondary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
13	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
14	Transmission	\$/Month	677.54	813.05	135.51	20.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	11.41	11.81	0.40	3.5%
22	Primary	\$/kW	11.13	11.59	0.46	4.1%
23	Secondary Substation	\$/kW	11.34	11.34	0.00	0.0%
24	Primary Substation	\$/kW	10.96	10.96	0.00	0.0%
25	Transmission	\$/kW	10.84	10.84	0.00	0.0%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.03	2.03	0.00	0.0%
34	Primary	\$/kW	1.96	1.96	0.00	0.0%
35	Secondary Substation		2.03	2.03	0.00	0.0%
36	Primary Substation	\$/kW	1.96	1.96	0.00	0.0%
37	Transmission	\$/kW	1.94	1.94	0.00	0.0%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.61	0.61	0.00	0.0%
40	Primary	\$/kW	0.59	0.59	0.00	0.0%
41	Secondary Substation		0.61	0.61	0.00	0.0%
42	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
43	Transmission	\$/kW	0.59	0.59	0.00	0.0%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation		0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.35986	0.36532	0.00546	1.5%
53	Primary	\$/kWh	0.35908	0.36378	0.00470	1.3%
54	Secondary Substation	\$/kWh	0.31252	0.30660	(0.00592)	-1.9%
55	Primary Substation	\$/kWh	0.31197	0.30617	(0.00580)	-1.9%
56	Transmission	\$/kWh	0.30726	0.30236	(0.00490)	-1.6%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.21050	0.22482	0.01432	6.8%
59	Primary	\$/kWh	0.20981	0.22322	0.01341	6.4%
60	Secondary Substation	\$/kWh	0.16316	0.16610	0.00294	1.8%
61	Primary Substation	\$/kWh	0.16270	0.16561	0.00291	1.8%
62	Transmission	\$/kWh	0.15855	0.16108	0.00253	1.6%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.18280	0.17605	(0.00675)	-3.7%
65	Primary	\$/kWh	0.18231	0.17476	(0.00755)	-4.1%
66	Secondary Substation	\$/kWh	0.13546	0.11733	(0.01813)	-13.4%
67	Primary Substation	\$/kWh	0.13520	0.11715	(0.01805)	-13.4%
68	Transmission	\$/kWh	0.13230	0.11478	(0.01752)	-13.2%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.15849	0.15017	(0.00832)	-5.2%
71	Primary	\$/kWh	0.15778	0.14870	(0.00908)	-5.8%
72	Secondary Substation	\$/kWh	0.11115	0.09145	(0.01970)	-17.7%
73	Primary Substation	\$/kWh	0.11067	0.09109	(0.01958)	-17.7%
74	Transmission	\$/kWh	0.10645	0.08779	(0.01866)	-17.5%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.14403	0.14084	(0.00319)	-2.2%
77	Primary	\$/kWh	0.14343	0.13944	(0.00399)	-2.8%
78	Secondary Substation	\$/kWh	0.09669	0.08212	(0.01457)	-15.1%
79	Primary Substation	\$/kWh	0.09632	0.08183	(0.01449)	-15.0%
80	Transmission	\$/kWh	0.09285	0.07898	(0.01387)	-14.9%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.12412	0.13110	0.00698	5.6%
83	Primary	\$/kWh	0.12368	0.12981	0.00613	5.0%
84	Secondary Substation	\$/kWh	0.07678	0.07238	(0.00440)	-5.7%
85	Primary Substation	\$/kWh	0.07657	0.07220	(0.00437)	-5.7%
86	Transmission	\$/kWh	0.07399	0.06981	(0.00418)	-5.6%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	116.44	139.73	23.29	20.0%
4	Primary	\$/Month	31.40	37.68	6.28	20.0%
5	Transmission	\$/Month	169.34	203.21	33.87	20.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	23.77	23.62	(0.15)	-0.6%
8	Primary	\$/kW	23.19	23.17	(0.02)	-0.1%
9	Transmission	\$/kW	10.84	10.84	0.00	0.0%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	19.40	18.95	(0.45)	-2.3%
16	Primary	\$/kW	19.17	18.80	(0.37)	-1.9%
17	Transmission	\$/kW	11.37	10.50	(0.87)	-7.7%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	8.06	7.42	(0.64)	-7.9%
20	Primary	\$/kW	7.93	7.36	(0.57)	-7.2%
21	Transmission	\$/kW	0.59	0.59	0.00	0.0%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.12004	0.12356	0.00352	2.9%
28	Primary	\$/kWh	0.11948	0.12303	0.00355	3.0%
29	Transmission	\$/kWh	0.11478	0.11830	0.00352	3.1%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.11116	0.10494	(0.00622)	-5.6%
32	Primary	\$/kWh	0.11071	0.10451	(0.00620)	-5.6%
33	Transmission	\$/kWh	0.10655	0.10061	(0.00594)	-5.6%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.08445	0.08655	0.00210	2.5%
36	Primary	\$/kWh	0.08420	0.08632	0.00212	2.5%
37	Transmission	\$/kWh	0.08130	0.08336	0.00206	2.5%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.11115	0.11098	(0.00017)	-0.2%
40	Primary	\$/kWh	0.11067	0.11053	(0.00014)	-0.1%
41	Transmission	\$/kWh	0.10645	0.10641	(0.00004)	0.0%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.09669	0.09933	0.00264	2.7%
44	Primary	\$/kWh	0.09632	0.09897	0.00265	2.8%
45	Transmission	\$/kWh	0.09285	0.09543	0.00258	2.8%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.07678	0.08718	0.01040	13.5%
48	Primary	\$/kWh	0.07657	0.08696	0.01039	13.6%
49	Transmission	\$/kWh	0.07399	0.08397	0.00998	13.5%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	116.44	139.73	23.29	20.0%
53	Primary	\$/Month	31.40	37.68	6.28	20.0%
54	Transmission	\$/Month	169.34	203.21	33.87	20.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	23.77	23.62	(0.15)	-0.6%
57	Primary	\$/kW	23.19	23.17	(0.02)	-0.1%
58	Transmission	\$/kW	10.84	10.84	0.00	0.0%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	19.40	18.95	(0.45)	-2.3%
65	Primary	\$/kW	19.17	18.80	(0.37)	-1.9%
66	Transmission	\$/kW	11.37	10.50	(0.87)	-7.7%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	8.06	7.42	(0.64)	-7.9%
69	Primary	\$/kW	7.93	7.36	(0.57)	-7.2%
70	Transmission	\$/kW	0.59	0.59	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.07628	0.09352	0.01724	22.6%
77	Primary	\$/kWh	0.07627	0.09351	0.01724	22.6%
78	Transmission	\$/kWh	0.07617	0.09341	0.01724	22.6%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07610	0.09334	0.01724	22.7%
81	Primary	\$/kWh	0.07609	0.09333	0.01724	22.7%
82	Transmission	\$/kWh	0.07601	0.09325	0.01724	22.7%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.07421	0.09145	0.01724	23.2%
85	Primary	\$/kWh	0.07421	0.09145	0.01724	23.2%
86	Transmission	\$/kWh	0.07421	0.09145	0.01724	23.2%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
89	Primary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
90	Transmission	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
93	Primary	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
94	Transmission	\$/kWh	0.05576	0.05404	(0.00172)	-3.1%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.05575	0.05403	(0.00172)	-3.1%
97	Primary	\$/kWh	0.05575	0.05403	(0.00172)	-3.1%
98	Transmission	\$/kWh	0.05575	0.05403	(0.00172)	-3.1%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	37.35	44.83	7.48	20.0%
5	Primary Substation	\$/Month	16,630.12	19,956.14	3,326.02	20.0%
6	Transmission	\$/Month	1,206.96	1,448.35	241.39	20.0%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	28,115.43	33,738.52	5,623.09	20.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	23.87	24.85	0.98	4.1%
12	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
13	Transmission	\$/KW	12.45	12.52	0.07	0.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/kW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	20.59	19.22	(1.37)	-6.7%
20	Primary Substation	\$/kW	12.24	11.31	(0.93)	-7.6%
21	Transmission	\$/KW	11.78	10.91	(0.87)	-7.4%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	7.99	7.41	(0.58)	-7.3%
24	Primary Substation	\$/kW	0.64	0.64	0.00	0.0%
25	Transmission	\$/KW	0.64	0.64	0.00	0.0%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.11515	0.11850	0.00335	2.9%
32	Primary Substation	\$/kWh	0.11515	0.11850	0.00335	2.9%
33	Transmission	\$/kWh	0.11045	0.11377	0.00332	3.0%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.10638	0.09998	(0.00640)	-6.0%
36	Primary Substation	\$/kWh	0.10638	0.09998	(0.00640)	-6.0%
37	Transmission	\$/kWh	0.10222	0.09608	(0.00614)	-6.0%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.07987	0.08179	0.00192	2.4%
40	Primary Substation	\$/kWh	0.07987	0.08179	0.00192	2.4%
41	Transmission	\$/kWh	0.07697	0.07883	0.00186	2.4%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.10634	0.10600	(0.00034)	-0.3%
44	Primary Substation	\$/kWh	0.10634	0.10600	(0.00034)	-0.3%
45	Transmission	\$/kWh	0.10212	0.10188	(0.00024)	-0.2%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.09199	0.09444	0.00245	2.7%
48	Primary Substation	\$/kWh	0.09199	0.09444	0.00245	2.7%
49	Transmission	\$/kWh	0.08852	0.09090	0.00238	2.7%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.07224	0.08243	0.01019	14.1%
52	Primary Substation	\$/kWh	0.07224	0.08243	0.01019	14.1%
53	Transmission	\$/kWh	0.06966	0.07944	0.00978	14.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	13.04	14.05	1.01	7.7%
4	Primary	\$/kW	12.80	13.80	1.00	7.8%
5	Secondary Substation	\$/kW	5.63	5.63	0.00	0.0%
6	Primary Substation	\$/kW	5.43	5.43	0.00	0.0%
7	Transmission	\$/kW	5.38	5.38	0.00	0.0%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	19.12	22.94	3.82	20.0%
4	5-20 kW	\$/Month	19.12	22.94	3.82	20.0%
5	20-50 kW	\$/Month	19.12	22.94	3.82	20.0%
6	> 50 kW	\$/Month	19.12	22.94	3.82	20.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.44964	0.40240	(0.04724)	-10.5%
15	Semi-Peak	\$/kWh	0.26995	0.21575	(0.05420)	-20.1%
16	Off-Peak	\$/kWh	0.24521	0.16720	(0.07801)	-31.8%
17	Winter					
18	On-Peak	\$/kWh	0.21864	0.18676	(0.03188)	-14.6%
19	Semi-Peak	\$/kWh	0.20569	0.17744	(0.02825)	-13.7%
20	Off-Peak	\$/kWh	0.18785	0.16771	(0.02014)	-10.7%



**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	65.93	79.11	13.18	20.0%
4	Primary	\$/Month	65.93	79.11	13.18	20.0%
5	Transmission	\$/Month	65.93	79.11	13.18	20.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.85	4.85	0.00	0.0%
8	Primary	\$/kW	4.70	4.70	0.00	0.0%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	12.67	10.87	(1.80)	-14.2%
12	Primary	\$/kW	12.60	10.82	(1.78)	-14.1%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	5.38	4.86	(0.52)	-9.7%
17	Primary	\$/kW	5.35	4.84	(0.51)	-9.5%
18	Transmission	\$/kW	5.12	4.63	(0.49)	-9.6%
19	Option D					
20	Secondary	\$/kW	5.38	4.86	(0.52)	-9.7%
21	Primary	\$/kW	5.35	4.84	(0.51)	-9.5%
22	Transmission	\$/kW	5.12	4.63	(0.49)	-9.6%
23	Option E					
24	Secondary	\$/kW	5.38	4.86	(0.52)	-9.7%
25	Primary	\$/kW	5.35	4.84	(0.51)	-9.5%
26	Transmission	\$/kW	5.12	4.63	(0.49)	-9.6%
27	Option F					
28	Secondary	\$/kW	5.38	4.86	(0.52)	-9.7%
29	Primary	\$/kW	5.35	4.84	(0.51)	-9.5%
30	Transmission	\$/kW	5.12	4.63	(0.49)	-9.6%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.10831	0.11263	0.00432	4.0%
54	Primary	\$/kWh	0.10782	0.11214	0.00432	4.0%
55	Transmission	\$/kWh	0.10360	0.10785	0.00425	4.1%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.10310	0.09551	(0.00759)	-7.4%
58	Primary	\$/kWh	0.10267	0.09513	(0.00754)	-7.3%
59	Transmission	\$/kWh	0.09883	0.09158	(0.00725)	-7.3%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07570	0.08028	0.00458	6.1%
62	Primary	\$/kWh	0.07548	0.08007	0.00459	6.1%
63	Transmission	\$/kWh	0.07291	0.07733	0.00442	6.1%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 1 RATE (D)		
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10214	0.10294	0.00080	0.8%
66	Primary	\$/kWh	0.10170	0.10253	0.00083	0.8%
67	Transmission	\$/kWh	0.09785	0.09871	0.00086	0.9%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.08893	0.09214	0.00321	3.6%
70	Primary	\$/kWh	0.08859	0.09181	0.00322	3.6%
71	Transmission	\$/kWh	0.08542	0.08852	0.00310	3.6%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.07074	0.08087	0.01013	14.3%
74	Primary	\$/kWh	0.07054	0.08067	0.01013	14.4%
75	Transmission	\$/kWh	0.06818	0.07790	0.00972	14.3%
1	<b>SCHEDULE PA</b>					
2	Less than 20 kW					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	21.87	3.64	20.0%
5	Primary	\$/Month	18.23	21.87	3.64	20.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.18857	0.19802	0.00945	5.0%
22	Primary	\$/kWh	0.18857	0.19744	0.00887	4.7%
23	Winter					
24	Secondary	\$/kWh	0.15523	0.15208	(0.00315)	-2.0%
25	Primary	\$/kWh	0.15523	0.15156	(0.00367)	-2.4%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	21.87	26.24	4.37	20.0%
29	Primary	\$/Month	21.87	26.24	4.37	20.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	0.00	0.00	0.00	0.0%
32	Primary	\$/kW	0.00	0.00	0.00	0.0%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.18857	0.19802	0.00945	5.0%
46	Primary	\$/kWh	0.18857	0.19744	0.00887	4.7%
47	Winter					
48	Secondary	\$/kWh	0.15523	0.15208	(0.00315)	-2.0%
49	Primary	\$/kWh	0.15523	0.15156	(0.00367)	-2.4%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	21.87	3.64	20.0%
5	Primary	\$/Month	18.23	21.87	3.64	20.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.25673	0.25079	(0.00594)	-2.3%
23	Primary	\$/kWh	0.25673	0.24972	(0.00701)	-2.7%
24	Semi-Peak					
25	Secondary	\$/kWh	0.21985	0.19802	(0.02183)	-9.9%
26	Primary	\$/kWh	0.21985	0.19720	(0.02265)	-10.3%
27	Off-Peak					
28	Secondary	\$/kWh	0.18069	0.17748	(0.00321)	-1.8%
29	Primary	\$/kWh	0.18069	0.17676	(0.00393)	-2.2%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.15696	0.15584	(0.00112)	-0.7%
33	Primary	\$/kWh	0.15696	0.15524	(0.00172)	-1.1%
34	Semi-Peak					
35	Secondary	\$/kWh	0.14691	0.14767	0.00076	0.5%
36	Primary	\$/kWh	0.14691	0.14714	0.00023	0.2%
37	Off-Peak					
38	Secondary	\$/kWh	0.13299	0.13915	0.00616	4.6%
39	Primary	\$/kWh	0.13299	0.13872	0.00573	4.3%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
				TOTAL PROPOSED YEAR 1 RATE (D)		
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	21.87	26.24	4.37	20.0%
43	Primary	\$/Month	21.87	26.24	4.37	20.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	3.57	1.93	(1.64)	-45.9%
53	Primary	\$/kW	3.57	1.92	(1.65)	-46.2%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.23658	0.21888	(0.01770)	-7.5%
61	Primary	\$/kWh	0.23658	0.21797	(0.01861)	-7.9%
62	Semi-Peak					
63	Secondary	\$/kWh	0.20409	0.19650	(0.00759)	-3.7%
64	Primary	\$/kWh	0.20409	0.19569	(0.00840)	-4.1%
65	Off-Peak					
66	Secondary	\$/kWh	0.16966	0.17656	0.00690	4.1%
67	Primary	\$/kWh	0.16966	0.17585	0.00619	3.6%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.16582	0.16236	(0.00346)	-2.1%
71	Primary	\$/kWh	0.16582	0.16171	(0.00411)	-2.5%
72	Semi-Peak					
73	Secondary	\$/kWh	0.15450	0.15342	(0.00108)	-0.7%
74	Primary	\$/kWh	0.15450	0.15282	(0.00168)	-1.1%
75	Off-Peak					
76	Secondary	\$/kWh	0.13880	0.14409	0.00529	3.8%
77	Primary	\$/kWh	0.13880	0.14354	0.00474	3.4%

REBUTTAL ATTACHMENT H

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	21.87	21.87	0.0%
5	Primary	\$/Month	0.00	21.87	21.87	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00	0.25079	0.25079	0.0%
23	Primary	\$/kWh	0.00	0.24972	0.24972	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00	0.18970	0.18970	0.0%
29	Primary	\$/kWh	0.00	0.18892	0.18892	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00	0.15584	0.15584	0.0%
33	Primary	\$/kWh	0.00	0.15524	0.15524	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00	0.14419	0.14419	0.0%
39	Primary	\$/kWh	0.00	0.14364	0.14364	0.0%

**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
				TOTAL PROPOSED YEAR 1 RATE (D)		
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.72	7.72	0.0%
46	Primary	\$/kW	0.00	7.68	7.68	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13315	0.13315	0.0%
61	Primary	\$/kWh	0.00000	0.13267	0.13267	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11604	0.11604	0.0%
64	Primary	\$/kWh	0.00000	0.11564	0.11564	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10082	0.10082	0.0%
67	Primary	\$/kWh	0.00000	0.10049	0.10049	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10771	0.10771	0.0%
71	Primary	\$/kWh	0.00000	0.10734	0.10734	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09877	0.09877	0.0%
74	Primary	\$/kWh	0.00000	0.09845	0.09845	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08944	0.08944	0.0%
77	Primary	\$/kWh	0.00000	0.08917	0.08917	0.0%



**REBUTTAL ATTACHMENT H**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1**

**SUMMARY OF USAGE/LAMP HOURS PER YEAR  
4,165  
HOURS PER MONTH  
347**

**SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 1			Change		% Change							
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate				
																	22.24	19.1677	41.41	13.63
101	0.780	271																		
102			700	35000																
103	0.210	73	175	7000	6.61	5.16325	11.77	6.16	6.20496	12.36	(0.45)	1.04171	0.59	-6.8%	20.2%	5.0%				
104	0.292	101	250	10000	8.60	7.14367	15.74	7.45	8.58494	16.03	(1.15)	1.44127	0.29	-13.4%	20.2%	1.8%				
105	0.460	160	400	20000	12.65	11.3167	23.97	10.12	13.5999	23.72	(2.53)	2.28320	(0.25)	-20.0%	20.2%	-1.0%				
106			700	35000																
107	0.207	72	175	7000	7.42	5.09252	12.51	6.07	6.11996	12.19	(1.35)	1.02744	(0.32)	-18.2%	20.2%	-2.6%				
108			700	35000																
109	0.058	20	50	4000	1.40	1.41459	2.81	2.27	1.69999	3.97	0.87	0.28540	1.16	62.1%	20.2%	41.1%				
110	0.101	35	70	5800	2.44	2.47553	4.92	2.95	2.97498	5.92	0.51	0.49945	1.00	20.9%	20.2%	20.4%				
111	0.141	49	100	9500	3.41	3.46574	6.88	3.58	4.16497	7.74	0.17	0.69923	0.86	5.0%	20.2%	12.6%				
112	0.193	67	150	16000	4.69	4.73887	9.43	4.42	5.69496	10.11	(0.27)	0.95609	0.68	-5.8%	20.2%	7.2%				
113	0.246	85	200	22000	5.96	6.012	11.97	5.24	7.22495	12.46	(0.72)	1.21295	0.49	-12.1%	20.2%	4.1%				
114	0.313	109	250	30000	7.59	7.70951	15.30	6.3	9.26494	15.56	(1.29)	1.55543	0.26	-17.0%	20.2%	1.7%				
115	0.383	133	310	37000	9.26	9.40702	18.67	7.39	11.3049	18.69	(1.87)	1.89791	0.02	-20.2%	20.2%	0.1%				
116	0.476	165	400	50000	11.52	11.6704	23.19	8.87	14.0249	22.89	(2.65)	2.35455	(0.30)	-23.0%	20.2%	-1.3%				
117	1.102	382	1000	140000	26.68	27.0187	53.70	18.71	32.4698	51.18	(7.97)	5.45114	(2.52)	-29.9%	20.2%	-4.7%				
118			700	35000																
119	0.050	17	50	4000	1.21	1.2024	2.41	2.14	1.44499	3.58	0.93	0.24259	1.17	76.9%	20.2%	48.4%				
120	0.083	29	70	5800	2.01	2.05115	4.06	2.67	2.46498	5.13	0.66	0.41383	1.07	32.8%	20.2%	26.3%				
121	0.117	41	100	9500	2.82	2.89991	5.72	3.21	3.48498	6.69	0.39	0.58507	0.97	13.8%	20.2%	17.0%				
122	0.171	59	150	16000	4.15	4.17304	8.32	4.06	5.01497	9.07	(0.09)	0.84193	0.75	-2.2%	20.2%	9.0%				
123			700	35000																
124	0.064	22	50	4000	1.82	1.55605	3.38	3.16	1.86999	5.03	1.34	0.31394	1.65	73.6%	20.2%	49.0%				
125	0.108	37	70	5800	3.05	2.81699	5.70	3.83	3.14498	6.87	0.75	0.52799	1.27	24.4%	20.2%	22.3%				
126	0.121	42	100	9500	3.45	2.97064	6.42	4.06	3.56998	7.63	0.61	0.59934	1.21	17.7%	20.2%	18.8%				
127	0.174	60	150	16000	4.97	4.24377	9.21	4.9	5.09997	10.00	(0.07)	0.85620	0.79	-1.4%	20.2%	8.5%				
128	0.233	81	200	22000	6.65	5.72908	12.38	5.84	6.88495	12.72	(0.81)	1.15587	0.34	-12.2%	20.2%	2.8%				
129	0.313	109	250	30,000	8.93	7.70951	16.64	7.10	9.26494	16.36	(1.83)	1.55543	(0.28)	-20.5%	20.2%	-1.7%				
130			700	35000																
131	0.058	20	50	4000	2.92	1.41459	4.33	3.76	1.69999	5.46	0.84	0.28540	1.13	28.8%	20.2%	26.0%				
132	0.101	35	70	5800	3.96	2.47553	6.44	4.44	2.97498	7.41	0.48	0.49945	0.97	12.1%	20.2%	15.1%				
133	0.141	49	100	9500	4.92	3.46574	8.39	5.07	4.16497	9.23	0.15	0.69923	0.84	3.0%	20.2%	10.1%				
134	0.193	67	150	16000	6.20	4.73887	10.94	5.91	5.69496	11.60	(0.29)	0.95609	0.66	-4.7%	20.2%	6.0%				
135	0.246	85	200	22000	7.48	6.012	13.49	6.73	7.22495	13.95	(0.75)	1.21295	0.46	-10.0%	20.2%	3.4%				
136	0.313	109	250	30000	9.10	7.70951	16.81	7.79	9.26494	17.05	(1.31)	1.55543	0.24	-14.4%	20.2%	1.4%				
137	0.383	133	310	37000	10.77	9.40702	20.18	8.88	11.3049	20.18	(1.89)	1.89791	0.00	-17.5%	20.2%	0.0%				
138	0.476	165	400	50000	13.03	11.6704	24.70	10.36	14.0249	24.38	(2.67)	2.35455	(0.32)	-20.5%	20.2%	-1.3%				
139	1.102	382	1000	140000	28.20	27.0187	55.22	20.2	32.4698	52.67	(8.00)	5.45114	(2.52)	-28.4%	20.2%	-4.6%				
140			700	35000																
141	0.050	17	50	4000	2.73	1.2024	3.93	3.63	1.44499	5.07	0.90	0.24259	1.14	33.0%	20.2%	28.9%				
142	0.083	29	70	5800	3.53	2.05115	5.58	4.16	2.46498	6.62	0.63	0.41383	1.04	17.8%	20.2%	18.6%				
143	0.117	41	100	9500	4.34	2.89991	7.24	4.69	3.48498	8.17	0.35	0.58507	0.93	8.1%	20.2%	12.8%				
144	0.171	59	150	16000	5.67	4.17304	9.84	5.55	5.01497	10.56	(0.12)	0.84193	0.72	-2.1%	20.2%	7.3%				
145			700	35000																
146	0.064	22	50	4000	3.34	1.55605	4.90	4.65	1.86999	6.52	1.31	0.31394	1.62	39.2%	20.2%	33.2%				
147	0.108	37	70	5800	4.60	2.81699	7.22	5.32	3.14498	8.46	0.75	0.52799	1.24	15.7%	20.2%	17.2%				
148	0.121	42	100	9500	4.96	2.97064	7.93	5.55	3.56998	9.12	0.59	0.59934	1.19	11.9%	20.2%	15.0%				
149	0.174	60	150	16000	6.49	4.24377	10.73	6.39	5.09997	11.49	(0.10)	0.85620	0.76	-1.5%	20.2%	7.0%				
150	0.233	81	200	22000	8.17	5.72908	13.90	7.32	6.88495	14.20	(0.85)	1.15587	0.30	-10.4%	20.2%	2.2%				
151	0.313	109	250	30,000	10.45	7.70951	18.16	8.59	9.26494	17.85	(1.86)	1.55543	(0.31)	-17.8%	20.2%	-1.7%				
152			700	35000																
153	0.087	23	35	4800	1.62	1.62679	3.25	2.42	1.95499	4.37	0.80	0.32821	1.12	49.4%	20.2%	34.6%				
154	0.068	31	55	8000	2.13	2.19261	4.32	2.75	2.63498	5.38	0.62	0.44237	1.06	29.1%	20.2%	24.5%				
155	0.145	50	90	13500	3.51	3.53647	7.05	3.65	4.24997	7.90	0.14	0.71350	0.85	4.0%	20.2%	12.1%				
156	0.206	71	135	22500	5.00	5.02179	10.02	4.61	6.03496	10.64	(0.39)	1.01317	0.62	-7.8%	20.2%	6.2%				
157	0.235	82	180	33000	5.69	5.79981	11.49	5.08	6.96995	12.05	(0.61)	1.17014	0.56	-10.7%	20.2%	4.9%				
158			700	35000																
159	0.050	17	35	4800	1.42	1.2024	2.62	2.93	1.44499	4.37	1.51	0.24259	1.75	106.3%	20.2%	66.6%				
160	0.072	25	55	8000	2.06	1.76824	3.83	3.29	2.12499	5.41	1.23	0.35675	1.58	59.7%	20.2%	41.3%				
161	0.130	45	90	13500	3.71	3.18282	6.89	4.21	3.82497	8.03	0.50	0.64215	1.14	13.5%	20.2%	16.5%				
162	0.185	64	135	22500	5.28	4.52668	9.81	5.08												



# REBUTTAL ATTACHMENT H

## COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1

### SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT Hours per year 4,165 Hours per month 347

LINE NO	Average Energy Use kWh/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 1			Change			% Change	
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity
202	0.0025	1	2.5		0.08	0.07073	0.15	1.40	0.085	1.49	1.52	0.01427	1.34	1650.0%	888.5%
203	0.0075	3	7.5		0.23	0.21219	0.44	1.49	0.255	1.75	1.26	0.04281	1.31	547.8%	295.8%
204	0.0125	4	12.5		0.29	0.28292	0.57	1.55	0.34	1.89	1.26	0.05708	1.32	434.5%	229.9%
205	0.0175	6	17.5		0.44	0.42438	0.86	1.64	0.51	2.15	1.20	0.08562	1.29	272.7%	148.7%
206	0.0225	8	22.5		0.59	0.56584	1.16	1.72	0.68	2.40	1.13	0.11416	1.24	191.5%	107.6%
207	0.0275	10	27.5		0.74	0.70729	1.45	1.80	0.84999	2.65	1.06	0.14270	1.20	143.2%	83.1%
208	0.0325	11	32.5		0.81	0.77802	1.59	1.86	0.93499	2.79	1.05	0.15697	1.20	129.6%	75.7%
209	0.0375	13	37.5		0.95	0.91948	1.87	1.94	1.10499	3.04	0.99	0.18551	1.17	104.2%	62.6%
210	0.0425	15	42.5		1.10	1.06094	2.16	2.03	1.27499	3.30	0.93	0.21405	1.14	84.5%	52.7%
211	0.0475	16	47.5		1.17	1.13167	2.30	2.09	1.35999	3.45	0.92	0.22832	1.15	78.6%	49.9%
212	0.0525	18	52.5		1.32	1.27313	2.59	2.19	1.52999	3.72	0.87	0.25686	1.13	65.9%	43.5%
213	0.0575	20	57.5		1.47	1.41459	2.88	2.27	1.69999	3.97	0.80	0.28540	1.09	54.4%	37.6%
214	0.0625	22	62.5		1.62	1.56505	3.18	2.35	1.86999	4.22	0.73	0.31394	1.04	45.1%	32.9%
215	0.0675	23	67.5		1.70	1.62678	3.33	2.42	1.95499	4.37	0.72	0.32821	1.04	42.4%	31.4%
216	0.0725	25	72.5		1.85	1.76824	3.62	2.50	2.12499	4.62	0.65	0.35675	1.00	35.1%	27.7%
217	0.0775	27	77.5		2.00	1.90969	3.91	2.58	2.29498	4.87	0.58	0.38529	0.96	29.0%	24.6%
218	0.0825	29	82.5		2.14	2.05115	4.19	2.67	2.46498	5.13	0.53	0.41383	0.94	24.8%	22.4%
219	0.0875	30	87.5		2.21	2.12188	4.33	2.74	2.54998	5.29	0.53	0.42810	0.96	24.0%	22.1%
220	0.0925	32	92.5		2.35	2.26334	4.61	2.80	2.71998	5.52	0.45	0.45664	0.91	19.1%	19.7%
221	0.0975	34	97.5		2.50	2.40448	4.90	2.89	2.88998	5.78	0.39	0.48518	0.88	15.6%	17.8%
222	0.1025	36	102.5		2.64	2.54626	5.19	2.98	3.05998	6.04	0.34	0.51372	0.85	12.9%	16.5%
223	0.1075	37	107.5		2.72	2.61699	5.34	3.04	3.14498	6.18	0.32	0.52799	0.84	11.8%	15.8%
224	0.1125	39	112.5		2.87	2.75845	5.63	3.12	3.31498	6.43	0.25	0.55653	0.80	8.7%	14.2%
225	0.1175	41	117.5		3.02	2.89991	5.92	3.21	3.48498	6.69	0.19	0.58950	0.77	6.3%	13.0%
226	0.1225	43	122.5		3.16	3.04137	6.20	3.31	3.65498	6.96	0.15	0.61361	0.76	4.7%	12.2%
227	0.1275	44	127.5		3.23	3.1121	6.34	3.36	3.73998	7.10	0.13	0.62788	0.76	4.0%	12.0%
228	0.1325	46	132.5		3.38	3.25355	6.63	3.45	3.90997	7.36	0.07	0.65642	0.73	2.1%	11.0%
229	0.1375	48	137.5		3.53	3.39501	6.93	3.54	4.07997	7.62	0.01	0.68496	0.69	0.3%	10.0%
230	0.1425	49	142.5		3.61	3.46574	7.08	3.59	4.16497	7.75	(0.02)	0.69923	0.67	-0.6%	9.5%
231	0.1475	51	147.5		3.76	3.6072	7.37	3.70	4.33497	8.03	(0.06)	0.72777	0.66	-1.6%	9.0%
232	0.1525	53	152.5		3.90	3.74866	7.65	3.78	4.50497	8.28	(0.12)	0.75631	0.63	-3.1%	8.3%
233	0.1575	55	157.5		4.05	3.89012	7.94	3.87	4.67497	8.54	(0.18)	0.78485	0.60	-4.4%	7.6%
234	0.1625	56	162.5		4.12	3.96085	8.08	3.92	4.75997	8.68	(0.20)	0.79912	0.60	-4.9%	7.4%
235	0.1675	58	167.5		4.28	4.10231	8.38	4.01	4.92997	8.94	(0.27)	0.82766	0.56	-6.3%	6.7%
236	0.1725	60	172.5		4.42	4.24377	8.66	4.10	5.09997	9.20	(0.32)	0.85620	0.54	-7.2%	6.2%
237	0.1775	62	177.5		4.57	4.38523	8.96	4.18	5.26997	9.45	(0.39)	0.88474	0.49	-8.5%	5.5%
238	0.1825	63	182.5		4.65	4.45595	9.11	4.24	5.35496	9.59	(0.41)	0.89901	0.48	-8.8%	5.3%
239	0.1875	65	187.5		4.80	4.59741	9.40	4.33	5.52496	9.85	(0.47)	0.92755	0.45	-9.8%	4.8%
240	0.1925	67	192.5		4.94	4.73887	9.68	4.41	5.69496	10.10	(0.53)	0.95609	0.42	-10.7%	4.4%
241	0.1975	69	197.5		5.09	4.88033	9.97	4.50	5.86496	10.36	(0.59)	0.98463	0.39	-11.6%	3.9%
242	0.2025	70	202.5		5.16	4.95106	10.11	4.56	5.94996	10.51	(0.60)	0.99890	0.40	-11.6%	3.9%
243	0.2075	72	207.5		5.30	5.09252	10.39	4.63	6.11996	10.75	(0.67)	1.02744	0.36	-12.6%	3.4%
244	0.2125	74	212.5		5.44	5.23398	10.67	4.72	6.28996	11.01	(0.72)	1.05598	0.34	-13.2%	3.1%
245	0.2175	75	217.5		5.52	5.30471	10.82	4.78	6.37496	11.15	(0.74)	1.07025	0.33	-13.4%	3.0%
246	0.2225	77	222.5		5.67	5.44617	11.12	4.87	6.54496	11.41	(0.80)	1.09879	0.29	-14.1%	2.6%
247	0.2275	79	227.5		5.82	5.58763	11.41	4.95	6.71496	11.66	(0.87)	1.12733	0.25	-14.9%	2.2%
248	0.2325	81	232.5		5.97	5.72908	11.70	5.04	6.88495	11.92	(0.93)	1.15587	0.22	-15.6%	1.9%
249	0.2375	82	237.5		6.03	5.79981	11.83	5.10	6.96995	12.07	(0.93)	1.17014	0.24	-15.4%	2.0%
250	0.2425	84	242.5		6.18	5.94127	12.12	5.19	7.13995	12.33	(0.99)	1.19868	0.21	-16.0%	1.7%
251	0.2475	86	247.5		6.33	6.08273	12.41	5.28	7.30995	12.59	(1.05)	1.22722	0.18	-16.6%	1.4%
252	0.2525	88	252.5		6.48	6.22419	12.70	5.37	7.47995	12.85	(1.11)	1.25576	0.15	-17.1%	1.1%
253	0.2575	89	257.5		6.56	6.29492	12.85	5.42	7.56495	12.98	(1.14)	1.27003	0.13	-17.4%	1.0%
254	0.2625	91	262.5		6.70	6.43638	13.14	5.51	7.73495	13.24	(1.19)	1.29857	0.10	-17.8%	0.8%
255	0.2675	93	267.5		6.84	6.57784	13.42	5.59	7.90495	13.49	(1.25)	1.32711	0.07	-18.3%	0.5%
256	0.2725	95	272.5		6.99	6.7193	13.71	5.67	8.07495	13.74	(1.32)	1.35565	0.03	-18.9%	0.2%
257	0.2775	96	277.5		7.06	6.79003	13.85	5.73	8.15995	13.89	(1.33)	1.36992	0.04	-18.8%	0.3%
258	0.2825	98	282.5		7.21	6.93149	14.14	5.82	8.32995	14.15	(1.39)	1.39846	0.01	-19.3%	0.2%
259	0.2875	100	287.5		7.36	7.07294	14.43	5.91	8.49994	14.41	(1.45)	1.42700	(0.02)	-19.7%	0.2%
260	0.2925	102	292.5		7.51	7.2144	14.72	5.99	8.66994	14.66	(1.52)	1.45554	(0.06)	-20.2%	-0.4%
261	0.2975	103	297.5		7.59	7.28513	14.88	6.05	8.75494	14.80	(1.54)	1.46981	(0.08)	-20.3%	-0.5%
262	0.3025	105	302.5		7.73	7.42659	15.16	6.14	8.92494	15.06	(1.59)	1.49835	(0.10)	-20.6%	-0.6%
263	0.3075	107	307.5		7.88	7.56805	15.45	6.22	9.09494	15.31	(1.66)	1.52689	(0.14)	-21.1%	-0.9%
264	0.3125	108	312.5		7.95	7.63878	15.59	6.28	9.17994	15.46	(1.67)	1.54116	(0.13)	-21.0%	-0.8%
265	0.3175	110	317.5		8.10	7.78024	15.88	6.37	9.34994	15.72	(1.73)	1.56970	(0.16)	-21.4%	-1.0%
266	0.3225	112	322.5		8.25	7.92170	16.17	6.45	9.51994	15.97	(1.80)	1.59824	(0.20)	-21.8%	-1.2%
267	0.3275	114	327.5		8.38	8.06316	16.44	6.53	9.68994	16.22	(1.85)	1.62678	(0.22)	-22.1%	-1.4%
268	0.3325	115	332.5		8.46	8.13389	16.59	6.59	9.77494	16.36	(1.87)	1.64105	(0.23)	-22.1%	-1.4%
269	0.3375	117	337.5		8.61	8.27534	16.89	6.68	9.94493	16.62	(1.93)	1.66959	(0.27)	-22.4%	-1.6%
270	0.3425	119	342.5		8.76	8.4168	17.18	6.77	10.1149	16.88	(1.99)	1.69813	(0.30)	-22.7%	-1.7%
271	0.3475	121	347.5		8.90	8.55826	17.46	6.85	10.2849	17.13	(2.05)	1.72667	(0.33)	-23.0%	-1.9%
272	0.3525	122	352.5		8.97	8.62899	17.60	6.92	10.3699	17.29	(2.05)	1.74094	(0.31)	-22.9%	-1.8%
273	0.3575	124	357.5		9.12	8.77045	17.89	7.00	10.5399	17.54	(2.12)	1.76948	(0.35)	-23.2%	-2.0%
274	0.3625	126	362.5		9.27	8.91191	18.18	7.08	10.7099	17.79	(2.19)	1.79802	(0.39)	-23.6%	-2.2%
275	0.3675	128	367.5		9.41	9.05337	18.46	7.16	10.8799	18.04	(2.25)	1.82656	(0.42)	-23.9%	-2.3%
276	0.3725	129	372.5		9.48	9.1241	18.60	7.23	10.9649	18.19	(2.25)	1.84083	(0.41)	-23.7%	-2.2%
277	0.3775	131	377.5		9.63	9.26556	18.90	7.32	11.1349	18.45	(2.31)	1.86937	(0.45)	-24.0%	-2.4%
278	0.3825	133	382.5		9.77	9.40702	19.18	7.39	11.3049	18.69	(2.38)	1.89791	(0.49)	-24.4%	-2.5%
279	0.3875	134	387.5		9.85	9.47775	19.33	7.45	11.3899	18.84	(2.40)				

## REBUTTAL ATTACHMENT H

### COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 1

**SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

SUMMARY OF USAGE/LAMP  
 Hours per year  
 4,165  
 Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 1			Change			% Change					
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate			
303																			
304					8.04		8.04	13.91		13.91	5.87		5.87	73.0%			73.0%		
305					8.78		8.78	14.54		14.54	5.76		5.76	65.6%			65.6%		
306																			
307																			
308								0.12389	0.08996	0.21385	0.13655	0.08492	0.22147	0.01266	-0.00504	0.00762	10.2%	-5.6%	3.6%
309								11.47		11.47	13.76		13.76	2.29		2.29	20.0%		20.0%
310																			
311								0.0120			0.0115		(0.0005)				-4.2%		
312																			
313	0.059	20						2.95	1.41459	4.36	3.77	1.69999	5.47	0.82	0.28540	1.11	27.8%	20.2%	25.3%
314								61.33		61.33	59.58		59.58	(1.75)		(1.75)	-2.9%		-2.9%

**ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2**

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23108	0.03973	20.8%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23108	0.03973	20.8%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
12	Above 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.19645	0.02096	11.9%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.19645	0.02096	11.9%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
17	Above 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19763	0.03398	20.8%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19763	0.03398	20.8%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16801	0.01792	11.9%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16801	0.01792	11.9%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
17	Above 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22324	0.03982	21.7%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22324	0.03982	21.7%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
12	Above 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18861	0.02105	12.6%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18861	0.02105	12.6%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
17	Above 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22863	0.03982	21.1%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22863	0.03982	21.1%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
12	Above 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19400	0.02105	12.2%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19400	0.02105	12.2%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
17	Above 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23108	0.03973	20.8%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23108	0.03973	20.8%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
12	Above 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.19645	0.02096	11.9%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.19645	0.02096	11.9%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
17	Above 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19763	0.03398	20.8%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19763	0.03398	20.8%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16801	0.01792	11.9%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16801	0.01792	11.9%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
17	Above 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22324	0.03982	21.7%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22324	0.03982	21.7%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
12	Above 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18861	0.02105	12.6%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18861	0.02105	12.6%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
17	Above 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23108	0.03973	20.8%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23108	0.03973	20.8%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
12	Above 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.19645	0.02096	11.9%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.19645	0.02096	11.9%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
17	Above 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19763	0.03398	20.8%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19763	0.03398	20.8%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16801	0.01792	11.9%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16801	0.01792	11.9%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
17	Above 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22324	0.03982	21.7%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22324	0.03982	21.7%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
12	Above 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18861	0.02105	12.6%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18861	0.02105	12.6%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
17	Above 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22863	0.03982	21.1%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22863	0.03982	21.1%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
12	Above 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19400	0.02105	12.2%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19400	0.02105	12.2%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
17	Above 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23108	0.03973	20.8%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23108	0.03973	20.8%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
12	Above 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.19645	0.02096	11.9%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.19645	0.02096	11.9%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
17	Above 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19763	0.03398	20.8%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19763	0.03398	20.8%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16801	0.01792	11.9%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16801	0.01792	11.9%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
17	Above 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22324	0.03982	21.7%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22324	0.03982	21.7%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
12	Above 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18861	0.02105	12.6%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18861	0.02105	12.6%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
17	Above 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22863	0.03982	21.1%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22863	0.03982	21.1%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
12	Above 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19400	0.02105	12.2%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19400	0.02105	12.2%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
17	Above 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23108	0.03973	20.8%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23108	0.03973	20.8%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
12	Above 400% of Baseline	\$/kWh	0.39459	0.47654	0.08195	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.19645	0.02096	11.9%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.19645	0.02096	11.9%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
17	Above 400% of Baseline	\$/kWh	0.36190	0.40512	0.04322	11.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.19763	0.03398	20.8%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.19763	0.03398	20.8%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30065	0.05170	20.8%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.16801	0.01792	11.9%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.16801	0.01792	11.9%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
17	Above 400% of Baseline	\$/kWh	0.22833	0.25559	0.02726	11.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22324	0.03982	21.7%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22324	0.03982	21.7%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
12	Above 400% of Baseline	\$/kWh	0.38666	0.46870	0.08204	21.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.18861	0.02105	12.6%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.18861	0.02105	12.6%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
17	Above 400% of Baseline	\$/kWh	0.35397	0.39728	0.04331	12.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.22863	0.03982	21.1%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.22863	0.03982	21.1%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
12	Above 400% of Baseline	\$/kWh	0.39205	0.47409	0.08204	20.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19400	0.02105	12.2%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19400	0.02105	12.2%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
17	Above 400% of Baseline	\$/kWh	0.35936	0.40267	0.04331	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL		CHANGE (E)	% CHANGE (F)
			8/1/2016 PRESENT RATE (C)	PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.19518	0.03407	21.1%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.19518	0.03407	21.1%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
12	Above 400% of Baseline	\$/kWh	0.24641	0.29820	0.05179	21.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.16556	0.01801	12.2%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.16556	0.01801	12.2%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
17	Above 400% of Baseline	\$/kWh	0.22579	0.25314	0.02735	12.1%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28978	0.32270	0.03292	11.4%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28978	0.32270	0.03292	11.4%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59758	0.66549	0.06791	11.4%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59758	0.66549	0.06791	11.4%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.20614	0.20614	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.20614	0.20614	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.42512	0.42512	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.42512	0.42512	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16773	0.17920	0.01147	6.8%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16773	0.17920	0.01147	6.8%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34588	0.36955	0.02367	6.8%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34588	0.36955	0.02367	6.8%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16912	0.18848	0.01936	11.4%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16912	0.18848	0.01936	11.4%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34876	0.38870	0.03994	11.5%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34876	0.38870	0.03994	11.5%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18404	0.18404	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18404	0.18404	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.37954	0.37954	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.37954	0.37954	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.16238	0.17943	0.01705	10.5%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16238	0.17943	0.01705	10.5%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33485	0.37004	0.03519	10.5%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33485	0.37004	0.03519	10.5%
34	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24783	0.27599	0.02816	11.4%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24783	0.27599	0.02816	11.4%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37702	0.41986	0.04284	11.4%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37702	0.41986	0.04284	11.4%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17630	0.17630	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17630	0.17630	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.26821	0.26821	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.26821	0.26821	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14345	0.15326	0.00981	6.8%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14345	0.15326	0.00981	6.8%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21822	0.23315	0.01493	6.8%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21822	0.23315	0.01493	6.8%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14464	0.16120	0.01656	11.4%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14464	0.16120	0.01656	11.4%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.22004	0.24523	0.02519	11.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.22004	0.24523	0.02519	11.4%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15740	0.15740	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15740	0.15740	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.23945	0.23945	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.23945	0.23945	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13887	0.15346	0.01459	10.5%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13887	0.15346	0.01459	10.5%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21126	0.23346	0.02220	10.5%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.21126	0.23346	0.02220	10.5%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28185	0.31486	0.03301	11.7%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28185	0.31486	0.03301	11.7%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.58965	0.65765	0.06800	11.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.58965	0.65765	0.06800	11.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.19830	0.19830	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.19830	0.19830	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.41728	0.41728	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.41728	0.41728	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.15980	0.17136	0.01156	7.2%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15980	0.17136	0.01156	7.2%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33795	0.36171	0.02376	7.0%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.33795	0.36171	0.02376	7.0%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16119	0.18064	0.01945	12.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16119	0.18064	0.01945	12.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34083	0.38086	0.04003	11.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34083	0.38086	0.04003	11.7%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17620	0.17620	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17620	0.17620	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.37170	0.37170	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.37170	0.37170	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15445	0.17159	0.01714	11.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15445	0.17159	0.01714	11.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.32692	0.36220	0.03528	10.8%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.32692	0.36220	0.03528	10.8%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.27354	0.02825	11.5%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.27354	0.02825	11.5%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.41741	0.04293	11.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.41741	0.04293	11.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17385	0.17385	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17385	0.17385	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.26576	0.26576	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.26576	0.26576	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.15081	0.00990	7.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.15081	0.00990	7.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.23070	0.01502	7.0%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.23070	0.01502	7.0%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.15875	0.01665	11.7%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.15875	0.01665	11.7%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.24278	0.02528	11.6%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.24278	0.02528	11.6%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15495	0.15495	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15495	0.15495	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.23700	0.23700	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.23700	0.23700	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.15101	0.01468	10.8%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.15101	0.01468	10.8%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.23101	0.02229	10.7%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.23101	0.02229	10.7%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						



**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28724	0.32025	0.03301	11.5%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28724	0.32025	0.03301	11.5%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59504	0.66304	0.06800	11.4%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59504	0.66304	0.06800	11.4%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.20369	0.20369	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.20369	0.20369	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.42267	0.42267	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.42267	0.42267	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16519	0.17675	0.01156	7.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16519	0.17675	0.01156	7.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34334	0.36710	0.02376	6.9%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34334	0.36710	0.02376	6.9%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16658	0.18603	0.01945	11.7%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16658	0.18603	0.01945	11.7%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34622	0.38625	0.04003	11.6%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34622	0.38625	0.04003	11.6%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18159	0.18159	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18159	0.18159	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.37709	0.37709	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.37709	0.37709	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15984	0.17698	0.01714	10.7%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15984	0.17698	0.01714	10.7%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33231	0.36759	0.03528	10.6%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33231	0.36759	0.03528	10.6%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.27354	0.02825	11.5%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.27354	0.02825	11.5%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.41741	0.04293	11.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.41741	0.04293	11.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17385	0.17385	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17385	0.17385	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.26576	0.26576	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.26576	0.26576	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.15081	0.00990	7.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.15081	0.00990	7.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.23070	0.01502	7.0%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.23070	0.01502	7.0%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.15875	0.01665	11.7%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.15875	0.01665	11.7%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.24278	0.02528	11.6%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.24278	0.02528	11.6%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15495	0.15495	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15495	0.15495	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.23700	0.23700	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.23700	0.23700	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.15101	0.01468	10.8%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.15101	0.01468	10.8%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.23101	0.02229	10.7%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.23101	0.02229	10.7%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46817	0.50064	0.03247	6.9%
10	Semi-Peak: Summer	\$/kWh	0.23107	0.26032	0.02925	12.7%
11	Off-Peak: Summer	\$/kWh	0.20889	0.20470	(0.00419)	-2.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.22382	0.22382	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21723	0.21473	(0.00250)	-1.2%
14	Off-Peak: Winter	\$/kWh	0.20378	0.20520	0.00142	0.7%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46278	0.49525	0.03247	7.0%
10	Semi-Peak: Summer	\$/kWh	0.22568	0.25493	0.02925	13.0%
11	Off-Peak: Summer	\$/kWh	0.20350	0.19931	(0.00419)	-2.1%
12	On-Peak: Winter	\$/kWh	0.00000	0.21843	0.21843	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21184	0.20934	(0.00250)	-1.2%
14	Off-Peak: Winter	\$/kWh	0.19839	0.19981	0.00142	0.7%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46024	0.49525	0.03501	7.6%
10	Semi-Peak: Summer	\$/kWh	0.22314	0.25493	0.03179	14.2%
11	Off-Peak: Summer	\$/kWh	0.20096	0.19931	(0.00165)	-0.8%
12	On-Peak: Winter	\$/kWh	0.00000	0.21843	0.21843	0.0%
13	Semi-Peak: Winter	\$/kWh	0.20930	0.20934	0.00004	0.0%
14	Off-Peak: Winter	\$/kWh	0.19585	0.19981	0.00396	2.0%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46127	0.50064	0.03937	8.5%
10	Off-Peak: Summer	\$/kWh	0.22100	0.26031	0.03931	17.8%
11	Super Off-Peak: Summer	\$/kWh	0.17792	0.20469	0.02677	15.0%
12	On-Peak: Winter	\$/kWh	0.21951	0.22386	0.00435	2.0%
13	Off-Peak: Winter	\$/kWh	0.20934	0.21473	0.00539	2.6%
14	Super Off-Peak: Winter	\$/kWh	0.18907	0.20519	0.01612	8.5%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46211	0.50064	0.03853	8.3%
10	Off-Peak: Summer	\$/kWh	0.22391	0.26031	0.03640	16.3%
11	Super Off-Peak: Summer	\$/kWh	0.17789	0.20469	0.02680	15.1%
12	On-Peak: Winter	\$/kWh	0.21612	0.22386	0.00774	3.6%
13	Off-Peak: Winter	\$/kWh	0.21221	0.21473	0.00252	1.2%
14	Super Off-Peak: Winter	\$/kWh	0.18905	0.20519	0.01614	8.5%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45672	0.49525	0.03853	8.4%
10	Off-Peak: Summer	\$/kWh	0.21852	0.25492	0.03640	16.7%
11	Super Off-Peak: Summer	\$/kWh	0.17250	0.19930	0.02680	15.5%
12	On-Peak: Winter	\$/kWh	0.20682	0.21847	0.01165	5.6%
13	Off-Peak: Winter	\$/kWh	0.20682	0.20934	0.00252	1.2%
14	Super Off-Peak: Winter	\$/kWh	0.18366	0.19980	0.01614	8.8%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45416	0.49525	0.04109	9.0%
10	Off-Peak: Summer	\$/kWh	0.21597	0.25492	0.03895	18.0%
11	Super Off-Peak: Summer	\$/kWh	0.16996	0.19930	0.02934	17.3%
12	On-Peak: Winter	\$/kWh	0.20819	0.21847	0.01028	4.9%
13	Off-Peak: Winter	\$/kWh	0.20427	0.20934	0.00507	2.5%
14	Super Off-Peak: Winter	\$/kWh	0.18112	0.19980	0.01868	10.3%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44696	0.53184	0.08488	19.0%
10	Semi-Peak: Summer	\$/kWh	0.39459	0.47654	0.08195	20.8%
11	Off-Peak: Summer	\$/kWh	0.35527	0.42179	0.06652	18.7%
12	On-Peak: Winter	\$/kWh	0.39226	0.41406	0.02180	5.6%
13	Semi-Peak: Winter	\$/kWh	0.37825	0.40498	0.02673	7.1%
14	Off-Peak: Winter	\$/kWh	0.35882	0.39551	0.03669	10.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	\$/Day	0.329	0.329	0.000	0.0%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30132	0.35595	0.05463	18.1%
10	Semi-Peak: Summer	\$/kWh	0.24895	0.30065	0.05170	20.8%
11	Off-Peak: Summer	\$/kWh	0.20963	0.24590	0.03627	17.3%
12	On-Peak: Winter	\$/kWh	0.25869	0.26453	0.00584	2.3%
13	Semi-Peak: Winter	\$/kWh	0.24468	0.25545	0.01077	4.4%
14	Off-Peak: Winter	\$/kWh	0.22525	0.24598	0.02073	9.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.43903	0.52400	0.08497	19.4%
10	Semi-Peak: Summer	\$/kWh	0.38666	0.46870	0.08204	21.2%
11	Off-Peak: Summer	\$/kWh	0.34734	0.41395	0.06661	19.2%
12	On-Peak: Winter	\$/kWh	0.38433	0.40622	0.02189	5.7%
13	Semi-Peak: Winter	\$/kWh	0.37032	0.39714	0.02682	7.2%
14	Off-Peak: Winter	\$/kWh	0.35089	0.38767	0.03678	10.5%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.35350	0.05472	18.3%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.29820	0.05179	21.0%
11	Off-Peak: Summer	\$/kWh	0.20709	0.24345	0.03636	17.6%
12	On-Peak: Winter	\$/kWh	0.25615	0.26208	0.00593	2.3%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.25300	0.01086	4.5%
14	Off-Peak: Winter	\$/kWh	0.22271	0.24353	0.02082	9.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44442	0.52939	0.08497	19.1%
10	Semi-Peak: Summer	\$/kWh	0.39205	0.47409	0.08204	20.9%
11	Off-Peak: Summer	\$/kWh	0.35273	0.41934	0.06661	18.9%
12	On-Peak: Winter	\$/kWh	0.38972	0.41161	0.02189	5.6%
13	Semi-Peak: Winter	\$/kWh	0.37571	0.40253	0.02682	7.1%
14	Off-Peak: Winter	\$/kWh	0.35628	0.39306	0.03678	10.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.35350	0.05472	18.3%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.29820	0.05179	21.0%
11	Off-Peak: Summer	\$/kWh	0.20709	0.24345	0.03636	17.6%
12	On-Peak: Winter	\$/kWh	0.25615	0.26208	0.00593	2.3%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.25300	0.01086	4.5%
14	Off-Peak: Winter	\$/kWh	0.22271	0.24353	0.02082	9.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10302)	(0.01772)	20.8%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.08758)	(0.00934)	11.9%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.68278	0.11712	20.7%
10	Off-Peak: Summer	\$/kWh	0.34910	0.42137	0.07227	20.7%
11	Super Off-Peak: Summer	\$/kWh	0.29712	0.35863	0.06151	20.7%
12	On-Peak: Winter	\$/kWh	0.37307	0.41762	0.04455	11.9%
13	Off-Peak: Winter	\$/kWh	0.36205	0.40528	0.04323	11.9%
14	Super Off-Peak: Winter	\$/kWh	0.35117	0.39310	0.04193	11.9%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.67739	0.11966	21.5%
10	Off-Peak: Summer	\$/kWh	0.34117	0.41598	0.07481	21.9%
11	Super Off-Peak: Summer	\$/kWh	0.28919	0.35324	0.06405	22.1%
12	On-Peak: Winter	\$/kWh	0.36514	0.41223	0.04709	12.9%
13	Off-Peak: Winter	\$/kWh	0.35412	0.39989	0.04577	12.9%
14	Super Off-Peak: Winter	\$/kWh	0.34324	0.38771	0.04447	13.0%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.68278	0.11712	20.7%
10	Off-Peak: Summer	\$/kWh	0.32937	0.39759	0.06822	20.7%
12	On-Peak: Winter	\$/kWh	0.37307	0.41762	0.04455	11.9%
13	Off-Peak: Winter	\$/kWh	0.35766	0.40039	0.04273	11.9%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.67739	0.11966	21.5%
10	Off-Peak: Summer	\$/kWh	0.32144	0.39220	0.07076	22.0%
12	On-Peak: Winter	\$/kWh	0.36514	0.41223	0.04709	12.9%
13	Off-Peak: Winter	\$/kWh	0.34973	0.39500	0.04527	12.9%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.24546)	(0.04222)	20.8%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.20867)	(0.02226)	11.9%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
5	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
6	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
7	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
8	Primary					
9	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
10	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
11	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
12	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.24728	0.25437	0.00709	2.9%
28	Primary	\$/kWh	0.24662	0.25345	0.00683	2.8%
29	Winter					
30	Secondary	\$/kWh	0.19019	0.19047	0.00028	0.1%
31	Primary	\$/kWh	0.18959	0.18985	0.00026	0.1%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
5	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
6	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
7	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
8	Primary					
9	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
10	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
11	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
12	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.19160	0.20139	0.00979	5.1%
28	Primary	\$/kWh	0.19123	0.20102	0.00979	5.1%
29	Winter					
30	Secondary	\$/kWh	0.17278	0.16711	(0.00567)	-3.3%
31	Primary	\$/kWh	0.17241	0.16674	(0.00567)	-3.3%



REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
5	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
6	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
7	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
8	Primary					
9	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
10	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
11	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
12	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.27782	0.32024	0.04242	15.3%
28	Primary	\$/kWh	0.27669	0.31895	0.04226	15.3%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.24728	0.25437	0.00709	2.9%
31	Primary	\$/kWh	0.24636	0.25339	0.00703	2.9%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.21110	0.19524	(0.01586)	-7.5%
34	Primary	\$/kWh	0.21043	0.19454	(0.01589)	-7.6%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21490	0.19924	(0.01566)	-7.3%
37	Primary	\$/kWh	0.21411	0.19854	(0.01557)	-7.3%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20254	0.19071	(0.01183)	-5.8%
40	Primary	\$/kWh	0.20184	0.19008	(0.01176)	-5.8%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.18539	0.18181	(0.00358)	-1.9%
43	Primary	\$/kWh	0.18483	0.18128	(0.00355)	-1.9%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
5	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
6	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
7	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
8	Primary					
9	0-5 kW	\$/Month	7.00	11.67	4.67	66.7%
10	5-20 kW	\$/Month	12.00	20.00	8.00	66.7%
11	20-50 kW	\$/Month	20.00	33.33	13.33	66.7%
12	>50 kW	\$/Month	50.00	83.33	33.33	66.7%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.19160	0.20139	0.00979	5.1%
28	Primary	\$/kWh	0.19123	0.20102	0.00979	5.1%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.19160	0.20139	0.00979	5.1%
31	Primary	\$/kWh	0.19123	0.20102	0.00979	5.1%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.19160	0.20139	0.00979	5.1%
34	Primary	\$/kWh	0.19123	0.20102	0.00979	5.1%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.17278	0.16711	(0.00567)	-3.3%
37	Primary	\$/kWh	0.17241	0.16674	(0.00567)	-3.3%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.17278	0.16711	(0.00567)	-3.3%
40	Primary	\$/kWh	0.17241	0.16674	(0.00567)	-3.3%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.17278	0.16711	(0.00567)	-3.3%
43	Primary	\$/kWh	0.17241	0.16674	(0.00567)	-3.3%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	58.87	58.87	0.0%
5	5-20 kW	\$/Month	0.00	156.16	156.16	0.0%
6	20-50 kW	\$/Month	0.00	371.14	371.14	0.0%
7	>50 kW	\$/Month	0.00	957.17	957.17	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	121.88	121.88	0.0%
10	5-20 kW	\$/Month	0.00	182.64	182.64	0.0%
11	20-50 kW	\$/Month	0.00	309.05	309.05	0.0%
12	>50 kW	\$/Month	0.00	941.09	941.09	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.32151	0.32151	0.0%
28	Primary	\$/kWh	0.00000	0.32023	0.32023	0.0%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.00000	0.15516	0.15516	0.0%
31	Primary	\$/kWh	0.00000	0.15467	0.15467	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.10884	0.10884	0.0%
34	Primary	\$/kWh	0.00000	0.10858	0.10858	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.12668	0.12668	0.0%
37	Primary	\$/kWh	0.00000	0.12635	0.12635	0.0%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.00000	0.11815	0.11815	0.0%
40	Primary	\$/kWh	0.00000	0.11789	0.11789	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.10925	0.10925	0.0%
43	Primary	\$/kWh	0.00000	0.10909	0.10909	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	11.67	11.67	0.0%
5	5-20 kW	\$/Month	0.00	20.00	20.00	0.0%
6	20-50 kW	\$/Month	0.00	33.33	33.33	0.0%
7	>50 kW	\$/Month	0.00	83.33	83.33	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	11.67	11.67	0.0%
10	5-20 kW	\$/Month	0.00	20.00	20.00	0.0%
11	20-50 kW	\$/Month	0.00	33.33	33.33	0.0%
12	>50 kW	\$/Month	0.00	83.33	83.33	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.32024	0.32024	0.0%
28	Primary	\$/kWh	0.00000	0.31895	0.31895	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23477	0.23477	0.0%
34	Primary	\$/kWh	0.00000	0.23389	0.23389	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.19924	0.19924	0.0%
37	Primary	\$/kWh	0.00000	0.19854	0.19854	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.18755	0.18755	0.0%
43	Primary	\$/kWh	0.00000	0.18689	0.18689	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	7.00	11.67	4.67	66.7%
4	Over 5 kW	\$/Month	12.00	20.00	8.00	66.7%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.17120	0.15732	(0.01388)	-8.1%
12	Winter	\$/kWh	0.17120	0.15732	(0.01388)	-8.1%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	2.39	2.39	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.41620	0.34756	(0.06864)	-16.5%
15	Semi-Peak	\$/kWh	0.25462	0.18250	(0.07212)	-28.3%
16	Off-Peak	\$/kWh	0.23439	0.13602	(0.09837)	-42.0%
17	Winter					
18	On-Peak	\$/kWh	0.21003	0.15387	(0.05616)	-26.7%
19	Semi-Peak	\$/kWh	0.19816	0.14531	(0.05285)	-26.7%
20	Off-Peak	\$/kWh	0.18180	0.13637	(0.04543)	-25.0%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	2.39	2.39	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.19160	0.15572	(0.03588)	-18.7%
15	Semi-Peak	\$/kWh	0.19160	0.15572	(0.03588)	-18.7%
16	Off-Peak	\$/kWh	0.19160	0.15572	(0.03588)	-18.7%
17	Winter					
18	On-Peak	\$/kWh	0.17278	0.12144	(0.05134)	-29.7%
19	Semi-Peak	\$/kWh	0.17278	0.12144	(0.05134)	-29.7%
20	Off-Peak	\$/kWh	0.17278	0.12144	(0.05134)	-29.7%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	6.01	10.02	4.01	66.7%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.24702	0.25411	0.00709	2.9%
10	Winter	\$/kWh	0.19006	0.19034	0.00028	0.1%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	55.42	163.02	107.60	194.2%
4	Primary	\$/Month	55.42	43.96	(11.46)	-20.7%
5	Maximum Demand Charge					
6	Secondary	\$/KW	29.35	30.24	0.89	3.0%
7	Primary	\$/KW	28.12	29.72	1.60	5.7%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	0.00	0.00	0.00	0.0%
13	Primary	\$/KW	0.00	0.00	0.00	0.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	0.00	0.00	0.00	0.0%
16	Primary	\$/KW	0.00	0.00	0.00	0.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	9.90	10.24	0.34	3.4%
19	Primary	\$/KW	9.85	10.19	0.34	3.5%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.25	0.00	(0.25)	-100.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.11798	0.11584	(0.00214)	-1.8%
27	Primary	\$/kWh	0.11743	0.11534	(0.00209)	-1.8%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.10928	0.09834	(0.01094)	-10.0%
30	Primary	\$/kWh	0.10883	0.09795	(0.01088)	-10.0%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.08446	0.08270	(0.00176)	-2.1%
33	Primary	\$/kWh	0.08420	0.08248	(0.00172)	-2.0%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.11114	0.10585	(0.00529)	-4.8%
36	Primary	\$/kWh	0.11066	0.10543	(0.00523)	-4.7%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.09669	0.09481	(0.00188)	-1.9%
39	Primary	\$/kWh	0.09632	0.09447	(0.00185)	-1.9%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.07679	0.08330	0.00651	8.5%
42	Primary	\$/kWh	0.07657	0.08309	0.00652	8.5%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	163.02	46.58	40.0%
5	Primary	\$/Month	31.40	43.96	12.56	40.0%
6	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
7	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
8	Transmission	\$/Month	169.34	237.08	67.74	40.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	652.04	186.30	40.0%
11	Primary	\$/Month	37.35	52.30	14.95	40.0%
12	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
13	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
14	Transmission	\$/Month	677.54	948.56	271.02	40.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	39,288.63	11,225.32	40.0%
17	Primary Substation	\$/Month	28,115.43	39,361.61	11,246.18	40.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	24.57	1.75	7.7%
25	Primary	\$/kW	22.26	24.12	1.86	8.4%
26	Secondary Substation	\$/kW	12.95	13.02	0.07	0.5%
27	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
28	Transmission	\$/kW	12.45	12.52	0.07	0.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	17.79	(1.67)	-8.6%
37	Primary	\$/kW	19.11	17.64	(1.47)	-7.7%
38	Secondary Substation	\$/kW	11.95	12.46	0.51	4.3%
39	Primary Substation	\$/kW	11.83	12.34	0.51	4.3%
40	Transmission	\$/kW	11.37	11.88	0.51	4.5%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	5.17	(1.84)	-26.2%
43	Primary	\$/kW	6.97	5.13	(1.84)	-26.4%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12004	0.11790	(0.00214)	-1.8%
81	Primary	\$/kWh	0.11948	0.11739	(0.00209)	-1.7%
82	Secondary Substation	\$/kWh	0.11571	0.11340	(0.00231)	-2.0%
83	Primary Substation	\$/kWh	0.11515	0.11289	(0.00226)	-2.0%
84	Transmission	\$/kWh	0.11045	0.10840	(0.00205)	-1.9%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.11116	0.10023	(0.01093)	-9.8%
87	Primary	\$/kWh	0.11071	0.09982	(0.01089)	-9.8%
88	Secondary Substation	\$/kWh	0.10683	0.09573	(0.01110)	-10.4%
89	Primary Substation	\$/kWh	0.10638	0.09532	(0.01106)	-10.4%
90	Transmission	\$/kWh	0.10222	0.09162	(0.01060)	-10.4%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08445	0.08269	(0.00176)	-2.1%
93	Primary	\$/kWh	0.08420	0.08248	(0.00172)	-2.0%
94	Secondary Substation	\$/kWh	0.08012	0.07819	(0.00193)	-2.4%
95	Primary Substation	\$/kWh	0.07987	0.07798	(0.00189)	-2.4%
96	Transmission	\$/kWh	0.07697	0.07517	(0.00180)	-2.3%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11115	0.10586	(0.00529)	-4.8%
99	Primary	\$/kWh	0.11067	0.10544	(0.00523)	-4.7%
100	Secondary Substation	\$/kWh	0.10682	0.10136	(0.00546)	-5.1%
101	Primary Substation	\$/kWh	0.10634	0.10094	(0.00540)	-5.1%
102	Transmission	\$/kWh	0.10212	0.09703	(0.00509)	-5.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09669	0.09482	(0.00187)	-1.9%
105	Primary	\$/kWh	0.09632	0.09448	(0.00184)	-1.9%
106	Secondary Substation	\$/kWh	0.09236	0.09032	(0.00204)	-2.2%
107	Primary Substation	\$/kWh	0.09199	0.08998	(0.00201)	-2.2%
108	Transmission	\$/kWh	0.08852	0.08661	(0.00191)	-2.2%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07678	0.08329	0.00651	8.5%
111	Primary	\$/kWh	0.07657	0.08308	0.00651	8.5%
112	Secondary Substation	\$/kWh	0.07245	0.07879	0.00634	8.8%
113	Primary Substation	\$/kWh	0.07224	0.07858	0.00634	8.8%
114	Transmission	\$/kWh	0.06966	0.07575	0.00609	8.7%



**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	163.02	46.58	40.0%
5	Primary	\$/Month	31.40	43.96	12.56	40.0%
6	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
7	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
8	Transmission	\$/Month	169.34	237.08	67.74	40.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	652.04	186.30	40.0%
11	Primary	\$/Month	37.35	52.30	14.95	40.0%
12	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
13	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
14	Transmission	\$/Month	677.54	948.56	271.02	40.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	39,288.63	11,225.32	40.0%
17	Primary Substation	\$/Month	28,115.43	39,361.61	11,246.18	40.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	24.57	1.75	7.7%
25	Primary	\$/kW	22.26	24.12	1.86	8.4%
26	Secondary Substation	\$/kW	12.35	12.41	0.06	0.5%
27	Primary Substation	\$/kW	11.97	12.03	0.06	0.5%
28	Transmission	\$/kW	11.85	11.91	0.06	0.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	17.79	(1.67)	-8.6%
37	Primary	\$/kW	19.11	17.64	(1.47)	-7.7%
38	Secondary Substation	\$/kW	11.95	12.46	0.51	4.3%
39	Primary Substation	\$/kW	11.83	12.34	0.51	4.3%
40	Transmission	\$/kW	11.37	11.88	0.51	4.5%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	5.17	(1.84)	-26.2%
43	Primary	\$/kW	6.97	5.13	(1.84)	-26.4%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07628	0.08800	0.01172	15.4%
81	Primary	\$/kWh	0.07627	0.08799	0.01172	15.4%
82	Secondary Substation	\$/kWh	0.07355	0.08514	0.01159	15.8%
83	Primary Substation	\$/kWh	0.07354	0.08513	0.01159	15.8%
84	Transmission	\$/kWh	0.07344	0.08503	0.01159	15.8%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.07610	0.08782	0.01172	15.4%
87	Primary	\$/kWh	0.07609	0.08781	0.01172	15.4%
88	Secondary Substation	\$/kWh	0.07337	0.08496	0.01159	15.8%
89	Primary Substation	\$/kWh	0.07336	0.08495	0.01159	15.8%
90	Transmission	\$/kWh	0.07328	0.08487	0.01159	15.8%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07421	0.08593	0.01172	15.8%
93	Primary	\$/kWh	0.07421	0.08593	0.01172	15.8%
94	Secondary Substation	\$/kWh	0.07148	0.08307	0.01159	16.2%
95	Primary Substation	\$/kWh	0.07148	0.08307	0.01159	16.2%
96	Transmission	\$/kWh	0.07148	0.08307	0.01159	16.2%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
99	Primary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
100	Secondary Substation	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
101	Primary Substation	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
102	Transmission	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
105	Primary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
106	Secondary Substation	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
107	Primary Substation	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
108	Transmission	\$/kWh	0.05303	0.04928	(0.00375)	-7.1%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.05575	0.05213	(0.00362)	-6.5%
111	Primary	\$/kWh	0.05575	0.05213	(0.00362)	-6.5%
112	Secondary Substation	\$/kWh	0.05302	0.04927	(0.00375)	-7.1%
113	Primary Substation	\$/kWh	0.05302	0.04927	(0.00375)	-7.1%
114	Transmission	\$/kWh	0.05302	0.04927	(0.00375)	-7.1%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	0.00	310.34	310.34	0.0%
5	Primary	\$/Month	0.00	150.50	150.50	0.0%
6	Secondary Substation	\$/Month	0.00	68,388.96	68,388.96	0.0%
7	Primary Substation	\$/Month	0.00	68,229.13	68,229.13	0.0%
8	Transmission	\$/Month	0.00	1,005.92	1,005.92	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	0.00	744.64	744.64	0.0%
11	Primary	\$/Month	0.00	174.24	174.24	0.0%
12	Secondary Substation	\$/Month	0.00	68,823.26	68,823.26	0.0%
13	Primary Substation	\$/Month	0.00	68,252.86	68,252.86	0.0%
14	Transmission	\$/Month	0.00	1,962.73	1,962.73	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	0.00	70,041.35	70,041.35	0.0%
17	Primary Substation	\$/Month	0.00	68,341.30	68,341.30	0.0%
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	3,000.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	1.23	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	3.17	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	1.22	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	3.13	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	0.00	27.30	27.30	0.0%
25	Primary	\$/kW	0.00	26.84	26.84	0.0%
26	Secondary Substation	\$/kW	0.00	13.02	13.02	0.0%
27	Primary Substation	\$/kW	0.00	12.64	12.64	0.0%
28	Transmission	\$/kW	0.00	12.52	12.52	0.0%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	0.00	17.45	17.45	0.0%
37	Primary	\$/kW	0.00	17.31	17.31	0.0%
38	Secondary Substation	\$/kW	0.00	17.39	17.39	0.0%
39	Primary Substation	\$/kW	0.00	17.25	17.25	0.0%
40	Transmission	\$/kW	0.00	16.57	16.57	0.0%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.00	0.66	0.66	0.0%
43	Primary	\$/kW	0.00	0.64	0.64	0.0%
44	Secondary Substation	\$/kW	0.00	0.61	0.61	0.0%
45	Primary Substation	\$/kW	0.00	0.59	0.59	0.0%
46	Transmission	\$/kW	0.00	0.59	0.59	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.00	0.25	0.25	0.0%
73	Primary	\$/kvar	0.00	0.25	0.25	0.0%
74	Secondary Substation	\$/kvar	0.00	0.25	0.25	0.0%
75	Primary Substation	\$/kvar	0.00	0.25	0.25	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.00000	0.10933	0.10933	0.0%
81	Primary	\$/kWh	0.00000	0.10886	0.10886	0.0%
82	Secondary Substation	\$/kWh	0.00000	0.10483	0.10483	0.0%
83	Primary Substation	\$/kWh	0.00000	0.10436	0.10436	0.0%
84	Transmission	\$/kWh	0.00000	0.10024	0.10024	0.0%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.00000	0.09311	0.09311	0.0%
87	Primary	\$/kWh	0.00000	0.09274	0.09274	0.0%
88	Secondary Substation	\$/kWh	0.00000	0.08861	0.08861	0.0%
89	Primary Substation	\$/kWh	0.00000	0.08824	0.08824	0.0%
90	Transmission	\$/kWh	0.00000	0.08484	0.08484	0.0%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.00000	0.07688	0.07688	0.0%
93	Primary	\$/kWh	0.00000	0.07668	0.07668	0.0%
94	Secondary Substation	\$/kWh	0.00000	0.07238	0.07238	0.0%
95	Primary Substation	\$/kWh	0.00000	0.07218	0.07218	0.0%
96	Transmission	\$/kWh	0.00000	0.06961	0.06961	0.0%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.00000	0.09812	0.09812	0.0%
99	Primary	\$/kWh	0.00000	0.09773	0.09773	0.0%
100	Secondary Substation	\$/kWh	0.00000	0.09362	0.09362	0.0%
101	Primary Substation	\$/kWh	0.00000	0.09323	0.09323	0.0%
102	Transmission	\$/kWh	0.00000	0.08965	0.08965	0.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.00000	0.08800	0.08800	0.0%
105	Primary	\$/kWh	0.00000	0.08768	0.08768	0.0%
106	Secondary Substation	\$/kWh	0.00000	0.08350	0.08350	0.0%
107	Primary Substation	\$/kWh	0.00000	0.08318	0.08318	0.0%
108	Transmission	\$/kWh	0.00000	0.08010	0.08010	0.0%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.00000	0.07743	0.07743	0.0%
111	Primary	\$/kWh	0.00000	0.07724	0.07724	0.0%
112	Secondary Substation	\$/kWh	0.00000	0.07293	0.07293	0.0%
113	Primary Substation	\$/kWh	0.00000	0.07274	0.07274	0.0%
114	Transmission	\$/kWh	0.00000	0.07014	0.07014	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	163.02	46.58	40.0%
5	Primary	\$/Month	31.40	43.96	12.56	40.0%
6	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
7	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
8	Transmission	\$/Month	169.34	237.08	67.74	40.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	652.04	186.30	40.0%
11	Primary	\$/Month	37.35	52.30	14.95	40.0%
12	Secondary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
13	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
14	Transmission	\$/Month	677.54	948.56	271.02	40.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	11.41	12.29	0.88	7.7%
22	Primary	\$/kW	11.13	12.06	0.93	8.4%
23	Secondary Substation	\$/kW	11.34	11.34	0.00	0.0%
24	Primary Substation	\$/kW	10.96	10.96	0.00	0.0%
25	Transmission	\$/kW	10.84	10.84	0.00	0.0%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.03	2.03	0.00	0.0%
34	Primary	\$/kW	1.96	1.96	0.00	0.0%
35	Secondary Substation		2.03	2.03	0.00	0.0%
36	Primary Substation	\$/kW	1.96	1.96	0.00	0.0%
37	Transmission	\$/kW	1.94	1.94	0.00	0.0%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.61	0.61	0.00	0.0%
40	Primary	\$/kW	0.59	0.59	0.00	0.0%
41	Secondary Substation		0.61	0.61	0.00	0.0%
42	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
43	Transmission	\$/kW	0.59	0.59	0.00	0.0%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation		0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 RATE (D)	CHANGE (E)	% CHANGE (F)
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.35986	0.34871	(0.01115)	-3.1%
53	Primary	\$/kWh	0.35908	0.34738	(0.01170)	-3.3%
54	Secondary Substation	\$/kWh	0.31252	0.29814	(0.01438)	-4.6%
55	Primary Substation	\$/kWh	0.31197	0.29773	(0.01424)	-4.6%
56	Transmission	\$/kWh	0.30726	0.29403	(0.01323)	-4.3%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.21050	0.21224	0.00174	0.8%
59	Primary	\$/kWh	0.20981	0.21084	0.00103	0.5%
60	Secondary Substation	\$/kWh	0.16316	0.16167	(0.00149)	-0.9%
61	Primary Substation	\$/kWh	0.16270	0.16119	(0.00151)	-0.9%
62	Transmission	\$/kWh	0.15855	0.15679	(0.00176)	-1.1%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.18280	0.16482	(0.01798)	-9.8%
65	Primary	\$/kWh	0.18231	0.16372	(0.01859)	-10.2%
66	Secondary Substation	\$/kWh	0.13546	0.11425	(0.02121)	-15.7%
67	Primary Substation	\$/kWh	0.13520	0.11407	(0.02113)	-15.6%
68	Transmission	\$/kWh	0.13230	0.11177	(0.02053)	-15.5%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.15849	0.13969	(0.01880)	-11.9%
71	Primary	\$/kWh	0.15778	0.13842	(0.01936)	-12.3%
72	Secondary Substation	\$/kWh	0.11115	0.08912	(0.02203)	-19.8%
73	Primary Substation	\$/kWh	0.11067	0.08877	(0.02190)	-19.8%
74	Transmission	\$/kWh	0.10645	0.08556	(0.02089)	-19.6%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.14403	0.13063	(0.01340)	-9.3%
77	Primary	\$/kWh	0.14343	0.12943	(0.01400)	-9.8%
78	Secondary Substation	\$/kWh	0.09669	0.08006	(0.01663)	-17.2%
79	Primary Substation	\$/kWh	0.09632	0.07978	(0.01654)	-17.2%
80	Transmission	\$/kWh	0.09285	0.07702	(0.01583)	-17.0%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.12412	0.12117	(0.00295)	-2.4%
83	Primary	\$/kWh	0.12368	0.12008	(0.00360)	-2.9%
84	Secondary Substation	\$/kWh	0.07678	0.07060	(0.00618)	-8.0%
85	Primary Substation	\$/kWh	0.07657	0.07043	(0.00614)	-8.0%
86	Transmission	\$/kWh	0.07399	0.06811	(0.00588)	-7.9%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	116.44	163.02	46.58	40.0%
4	Primary	\$/Month	31.40	43.96	12.56	40.0%
5	Transmission	\$/Month	169.34	237.08	67.74	40.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	23.77	24.57	0.80	3.4%
8	Primary	\$/kW	23.19	24.13	0.94	4.1%
9	Transmission	\$/kW	10.84	10.84	0.00	0.0%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	19.40	17.79	(1.61)	-8.3%
16	Primary	\$/kW	19.17	17.64	(1.53)	-8.0%
17	Transmission	\$/kW	11.37	11.88	0.51	4.5%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	8.06	5.18	(2.88)	-35.7%
20	Primary	\$/kW	7.93	5.14	(2.79)	-35.2%
21	Transmission	\$/kW	0.59	0.59	0.00	0.0%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.12004	0.11790	(0.00214)	-1.8%
28	Primary	\$/kWh	0.11948	0.11739	(0.00209)	-1.7%
29	Transmission	\$/kWh	0.11478	0.11290	(0.00188)	-1.6%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.11116	0.10023	(0.01093)	-9.8%
32	Primary	\$/kWh	0.11071	0.09982	(0.01089)	-9.8%
33	Transmission	\$/kWh	0.10655	0.09612	(0.01043)	-9.8%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.08445	0.08269	(0.00176)	-2.1%
36	Primary	\$/kWh	0.08420	0.08248	(0.00172)	-2.0%
37	Transmission	\$/kWh	0.08130	0.07967	(0.00163)	-2.0%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.11115	0.10586	(0.00529)	-4.8%
40	Primary	\$/kWh	0.11067	0.10544	(0.00523)	-4.7%
41	Transmission	\$/kWh	0.10645	0.10153	(0.00492)	-4.6%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.09669	0.09482	(0.00187)	-1.9%
44	Primary	\$/kWh	0.09632	0.09448	(0.00184)	-1.9%
45	Transmission	\$/kWh	0.09285	0.09111	(0.00174)	-1.9%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.07678	0.08329	0.00651	8.5%
48	Primary	\$/kWh	0.07657	0.08308	0.00651	8.5%
49	Transmission	\$/kWh	0.07399	0.08025	0.00626	8.5%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 RATE (D)	CHANGE (E)	% CHANGE (F)
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	116.44	163.02	46.58	40.0%
53	Primary	\$/Month	31.40	43.96	12.56	40.0%
54	Transmission	\$/Month	169.34	237.08	67.74	40.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	23.77	24.57	0.80	3.4%
57	Primary	\$/kW	23.19	24.13	0.94	4.1%
58	Transmission	\$/kW	10.84	10.84	0.00	0.0%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	19.40	17.79	(1.61)	-8.3%
65	Primary	\$/kW	19.17	17.64	(1.53)	-8.0%
66	Transmission	\$/kW	11.37	11.88	0.51	4.5%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	8.06	5.18	(2.88)	-35.7%
69	Primary	\$/kW	7.93	5.14	(2.79)	-35.2%
70	Transmission	\$/kW	0.59	0.59	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.07628	0.08800	0.01172	15.4%
77	Primary	\$/kWh	0.07627	0.08799	0.01172	15.4%
78	Transmission	\$/kWh	0.07617	0.08789	0.01172	15.4%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07610	0.08782	0.01172	15.4%
81	Primary	\$/kWh	0.07609	0.08781	0.01172	15.4%
82	Transmission	\$/kWh	0.07601	0.08773	0.01172	15.4%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.07421	0.08593	0.01172	15.8%
85	Primary	\$/kWh	0.07421	0.08593	0.01172	15.8%
86	Transmission	\$/kWh	0.07421	0.08593	0.01172	15.8%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
89	Primary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
90	Transmission	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
93	Primary	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
94	Transmission	\$/kWh	0.05576	0.05214	(0.00362)	-6.5%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.05575	0.05213	(0.00362)	-6.5%
97	Primary	\$/kWh	0.05575	0.05213	(0.00362)	-6.5%
98	Transmission	\$/kWh	0.05575	0.05213	(0.00362)	-6.5%



**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	37.35	52.30	14.95	40.0%
5	Primary Substation	\$/Month	16,630.12	23,282.17	6,652.05	40.0%
6	Transmission	\$/Month	1,206.96	1,689.74	482.78	40.0%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	28,115.43	39,361.61	11,246.18	40.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	23.87	25.80	1.93	8.1%
12	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
13	Transmission	\$/KW	12.45	12.52	0.07	0.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/kW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	20.59	18.06	(2.53)	-12.3%
20	Primary Substation	\$/kW	12.24	12.75	0.51	4.2%
21	Transmission	\$/KW	11.78	12.29	0.51	4.3%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	7.99	5.19	(2.80)	-35.0%
24	Primary Substation	\$/kW	0.64	0.64	0.00	0.0%
25	Transmission	\$/KW	0.64	0.64	0.00	0.0%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.11515	0.11289	(0.00226)	-2.0%
32	Primary Substation	\$/kWh	0.11515	0.11289	(0.00226)	-2.0%
33	Transmission	\$/kWh	0.11045	0.10840	(0.00205)	-1.9%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.10638	0.09532	(0.01106)	-10.4%
36	Primary Substation	\$/kWh	0.10638	0.09532	(0.01106)	-10.4%
37	Transmission	\$/kWh	0.10222	0.09162	(0.01060)	-10.4%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.07987	0.07798	(0.00189)	-2.4%
40	Primary Substation	\$/kWh	0.07987	0.07798	(0.00189)	-2.4%
41	Transmission	\$/kWh	0.07697	0.07517	(0.00180)	-2.3%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.10634	0.10094	(0.00540)	-5.1%
44	Primary Substation	\$/kWh	0.10634	0.10094	(0.00540)	-5.1%
45	Transmission	\$/kWh	0.10212	0.09703	(0.00509)	-5.0%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.09199	0.08998	(0.00201)	-2.2%
48	Primary Substation	\$/kWh	0.09199	0.08998	(0.00201)	-2.2%
49	Transmission	\$/kWh	0.08852	0.08661	(0.00191)	-2.2%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.07224	0.07858	0.00634	8.8%
52	Primary Substation	\$/kWh	0.07224	0.07858	0.00634	8.8%
53	Transmission	\$/kWh	0.06966	0.07575	0.00609	8.7%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	13.04	13.63	0.59	4.5%
4	Primary	\$/kW	12.80	13.38	0.58	4.5%
5	Secondary Substation	\$/kW	5.63	5.63	0.00	0.0%
6	Primary Substation	\$/kW	5.43	5.43	0.00	0.0%
7	Transmission	\$/kW	5.38	5.38	0.00	0.0%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	19.12	26.77	7.65	40.0%
4	5-20 kW	\$/Month	19.12	26.77	7.65	40.0%
5	20-50 kW	\$/Month	19.12	26.77	7.65	40.0%
6	> 50 kW	\$/Month	19.12	26.77	7.65	40.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.44964	0.39106	(0.05858)	-13.0%
15	Semi-Peak	\$/kWh	0.26995	0.20977	(0.06018)	-22.3%
16	Off-Peak	\$/kWh	0.24521	0.16256	(0.08265)	-33.7%
17	Winter					
18	On-Peak	\$/kWh	0.21864	0.18155	(0.03709)	-17.0%
19	Semi-Peak	\$/kWh	0.20569	0.17250	(0.03319)	-16.1%
20	Off-Peak	\$/kWh	0.18785	0.16305	(0.02480)	-13.2%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	65.93	92.30	26.37	40.0%
4	Primary	\$/Month	65.93	92.30	26.37	40.0%
5	Transmission	\$/Month	65.93	92.30	26.37	40.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.85	4.85	0.00	0.0%
8	Primary	\$/kW	4.70	4.70	0.00	0.0%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	12.67	10.35	(2.32)	-18.3%
12	Primary	\$/kW	12.60	10.30	(2.30)	-18.3%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	5.38	5.86	0.48	8.9%
17	Primary	\$/kW	5.35	5.83	0.48	9.0%
18	Transmission	\$/kW	5.12	5.58	0.46	9.0%
19	Option D					
20	Secondary	\$/kW	5.38	5.86	0.48	8.9%
21	Primary	\$/kW	5.35	5.83	0.48	9.0%
22	Transmission	\$/kW	5.12	5.58	0.46	9.0%
23	Option E					
24	Secondary	\$/kW	5.38	5.86	0.48	8.9%
25	Primary	\$/kW	5.35	5.83	0.48	9.0%
26	Transmission	\$/kW	5.12	5.58	0.46	9.0%
27	Option F					
28	Secondary	\$/kW	5.38	5.86	0.48	8.9%
29	Primary	\$/kW	5.35	5.83	0.48	9.0%
30	Transmission	\$/kW	5.12	5.58	0.46	9.0%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.10831	0.11099	0.00268	2.5%
54	Primary	\$/kWh	0.10782	0.11051	0.00269	2.5%
55	Transmission	\$/kWh	0.10360	0.10628	0.00268	2.6%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.10310	0.09415	(0.00895)	-8.7%
58	Primary	\$/kWh	0.10267	0.09377	(0.00890)	-8.7%
59	Transmission	\$/kWh	0.09883	0.09029	(0.00854)	-8.6%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07570	0.07917	0.00347	4.6%
62	Primary	\$/kWh	0.07548	0.07897	0.00349	4.6%
63	Transmission	\$/kWh	0.07291	0.07627	0.00336	4.6%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10214	0.10146	(0.00068)	-0.7%
66	Primary	\$/kWh	0.10170	0.10105	(0.00065)	-0.6%
67	Transmission	\$/kWh	0.09785	0.09730	(0.00055)	-0.6%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.08893	0.09084	0.00191	2.1%
70	Primary	\$/kWh	0.08859	0.09051	0.00192	2.2%
71	Transmission	\$/kWh	0.08542	0.08727	0.00185	2.2%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.07074	0.07975	0.00901	12.7%
74	Primary	\$/kWh	0.07054	0.07955	0.00901	12.8%
75	Transmission	\$/kWh	0.06818	0.07683	0.00865	12.7%
1	<b>SCHEDULE PA</b>					
2	Less than 20 kW					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	25.52	7.29	40.0%
5	Primary	\$/Month	18.23	25.52	7.29	40.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.18857	0.19594	0.00737	3.9%
22	Primary	\$/kWh	0.18857	0.19537	0.00680	3.6%
23	Winter					
24	Secondary	\$/kWh	0.15523	0.14979	(0.00544)	-3.5%
25	Primary	\$/kWh	0.15523	0.14928	(0.00595)	-3.8%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	21.87	30.62	8.75	40.0%
29	Primary	\$/Month	21.87	30.62	8.75	40.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	0.00	1.49	1.49	0.0%
32	Primary	\$/kW	0.00	1.49	1.49	0.0%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.18857	0.18887	0.00030	0.2%
46	Primary	\$/kWh	0.18857	0.18834	(0.00023)	-0.1%
47	Winter					
48	Secondary	\$/kWh	0.15523	0.14272	(0.01251)	-8.1%
49	Primary	\$/kWh	0.15523	0.14225	(0.01298)	-8.4%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	25.52	7.29	40.0%
5	Primary	\$/Month	18.23	25.52	7.29	40.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.25673	0.28100	0.02427	9.5%
23	Primary	\$/kWh	0.25673	0.27978	0.02305	9.0%
24	Semi-Peak					
25	Secondary	\$/kWh	0.21985	0.19594	(0.02391)	-10.9%
26	Primary	\$/kWh	0.21985	0.19513	(0.02472)	-11.2%
27	Off-Peak					
28	Secondary	\$/kWh	0.18069	0.15349	(0.02720)	-15.1%
29	Primary	\$/kWh	0.18069	0.15289	(0.02780)	-15.4%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.15696	0.15350	(0.00346)	-2.2%
33	Primary	\$/kWh	0.15696	0.15291	(0.00405)	-2.6%
34	Semi-Peak					
35	Secondary	\$/kWh	0.14691	0.14530	(0.00161)	-1.1%
36	Primary	\$/kWh	0.14691	0.14478	(0.00213)	-1.4%
37	Off-Peak					
38	Secondary	\$/kWh	0.13299	0.13675	0.00376	2.8%
39	Primary	\$/kWh	0.13299	0.13632	0.00333	2.5%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	21.87	30.62	8.75	40.0%
43	Primary	\$/Month	21.87	30.62	8.75	40.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	1.49	1.49	0.0%
46	Primary	\$/kW	0.00	1.49	1.49	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	3.57	2.90	(0.67)	-18.8%
53	Primary	\$/kW	3.57	2.88	(0.69)	-19.3%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.23658	0.20567	(0.03091)	-13.1%
61	Primary	\$/kWh	0.23658	0.20482	(0.03176)	-13.4%
62	Semi-Peak					
63	Secondary	\$/kWh	0.20409	0.18388	(0.02021)	-9.9%
64	Primary	\$/kWh	0.20409	0.18314	(0.02095)	-10.3%
65	Off-Peak					
66	Secondary	\$/kWh	0.16966	0.16449	(0.00517)	-3.0%
67	Primary	\$/kWh	0.16966	0.16384	(0.00582)	-3.4%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.16582	0.15269	(0.01313)	-7.9%
71	Primary	\$/kWh	0.16582	0.15209	(0.01373)	-8.3%
72	Semi-Peak					
73	Secondary	\$/kWh	0.15450	0.14375	(0.01075)	-7.0%
74	Primary	\$/kWh	0.15450	0.14320	(0.01130)	-7.3%
75	Off-Peak					
76	Secondary	\$/kWh	0.13880	0.13442	(0.00438)	-3.2%
77	Primary	\$/kWh	0.13880	0.13392	(0.00488)	-3.5%

REBUTTAL ATTACHMENT I

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	25.52	25.52	0.0%
5	Primary	\$/Month	0.00	25.52	25.52	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00	0.28100	0.28100	0.0%
23	Primary	\$/kWh	0.00	0.27978	0.27978	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00	0.17875	0.17875	0.0%
29	Primary	\$/kWh	0.00	0.17802	0.17802	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00	0.15350	0.15350	0.0%
33	Primary	\$/kWh	0.00	0.15291	0.15291	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00	0.14181	0.14181	0.0%
39	Primary	\$/kWh	0.00	0.14126	0.14126	0.0%

**REBUTTAL ATTACHMENT I**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
				TOTAL PROPOSED YEAR 2 RATE (D)		
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.46	7.46	0.0%
46	Primary	\$/kW	0.00	7.43	7.43	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13316	0.13316	0.0%
61	Primary	\$/kWh	0.00000	0.13268	0.13268	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11605	0.11605	0.0%
64	Primary	\$/kWh	0.00000	0.11565	0.11565	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10083	0.10083	0.0%
67	Primary	\$/kWh	0.00000	0.10050	0.10050	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10772	0.10772	0.0%
71	Primary	\$/kWh	0.00000	0.10735	0.10735	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09878	0.09878	0.0%
74	Primary	\$/kWh	0.00000	0.09846	0.09846	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08945	0.08945	0.0%
77	Primary	\$/kWh	0.00000	0.08918	0.08918	0.0%



# REBUTTAL ATTACHMENT I

## COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP  
Hours per year  
4,165  
Hours per month  
347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION WATTS (A) LUMENS (B)	8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 2			Change			% Change					
				Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate			
1			LS-1, Mercury Vapor, Class A, Reactor Ballast															
2	0.192	67	175 7000	12.58	4.73887	17.32	12.47	5.96966	18.44	(0.11)	1.23079	1.12	-0.9%	26.0%	6.5%			
3			LS-1, Mercury Vapor, Class A, Regulator Ballast															
4	0.210	73	175 7000	13.01	5.16325	18.17	12.75	6.50426	19.25	(0.26)	1.34101	1.08	-2.0%	26.0%	5.9%			
5	0.460	160	400 20000	21.72	11.3167	33.04	19.93	14.2559	34.19	(1.79)	2.93920	1.15	-8.2%	26.0%	3.5%			
6			LS-1, HPSV, Class A, Reactor Ballast															
7	0.083	29	70 5800	9.50	2.47553	11.98	10.65	2.58388	13.23	1.15	0.10835	1.25	12.1%	4.4%	10.5%			
8	0.117	41	100 9500	10.51	3.46574	13.98	11.38	3.65308	15.03	0.87	0.18734	1.05	8.3%	5.4%	7.5%			
9	0.171	59	150 16000	11.83	4.73887	16.57	12.25	5.25687	17.51	0.42	0.51800	0.94	3.6%	10.9%	5.7%			
10			LS-1, HPSV, Class A, Regulator Ballast															
11	0.246	85	200 22000	14.19	6.012	20.20	14.26	7.57345	21.83	0.07	1.56145	1.63	0.5%	26.0%	8.1%			
12	0.313	109	250 30000	15.97	7.70951	23.68	15.98	9.71184	25.69	0.01	2.00233	2.01	0.1%	26.0%	8.5%			
13	0.476	165	400 50000	19.74	11.6704	31.41	18.32	14.7014	33.02	(1.42)	3.03105	1.61	-7.2%	26.0%	5.1%			
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast															
15	0.083	29	70 5800	12.50	2.47553	14.98	10.79	2.58388	13.37	(1.71)	0.10835	(1.61)	-13.7%	4.4%	-10.7%			
16	0.117	41	100 9500	13.33	3.46574	16.80	11.58	3.65308	15.23	(1.75)	0.18734	(1.57)	-13.1%	5.4%	-9.3%			
17	0.171	59	150 16000	14.56	4.73887	19.30	12.31	5.25687	17.57	(2.25)	0.51800	(1.73)	-15.5%	10.9%	-9.0%			
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast															
19	0.246	85	200 22000	16.15	6.012	22.16	14.3	7.57345	21.87	(1.85)	1.56145	(0.29)	-11.5%	26.0%	-1.3%			
20	0.313	109	250 30000	17.93	7.70951	25.64	16.03	9.71184	25.74	(1.90)	2.00233	0.10	-10.6%	26.0%	0.4%			
21	0.476	165	400 50000	23.20	11.6704	34.87	18.25	14.7014	32.95	(4.95)	3.03105	(1.92)	-21.3%	26.0%	-5.5%			
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast															
23	0.083	29	70 5800	11.38	2.47553	13.86	9.63	2.58388	12.21	(1.75)	0.10835	(1.65)	-15.4%	4.4%	-11.9%			
24	0.117	41	100 9500	12.30	3.46574	15.77	10.4	3.65308	14.05	(1.90)	0.18734	(1.72)	-15.4%	5.4%	-10.9%			
25	0.171	59	150 16000	13.55	4.73887	18.29	11.24	5.25687	16.50	(2.31)	0.51800	(1.79)	-17.0%	10.9%	-9.8%			
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast															
27	0.246	85	200 22000	15.02	6.012	21.03	13.25	7.57345	20.82	(1.77)	1.56145	(0.21)	-11.8%	26.0%	-1.0%			
28	0.313	109	250 30000	16.89	7.70951	24.60	15.06	9.71184	24.77	(1.83)	2.00233	0.17	-10.8%	26.0%	0.7%			
29	0.476	165	400 50000	22.20	11.6704	33.87	17.31	14.7014	32.01	(4.89)	3.03105	(1.86)	-22.0%	26.0%	-5.5%			
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast															
31	0.083	29	70 5800	18.60	2.47553	21.08	15.47	2.58388	18.05	(3.13)	0.10835	(3.03)	-16.8%	4.4%	-14.4%			
32	0.117	41	100 9500	19.35	3.46574	22.82	16.1	3.65308	19.75	(3.25)	0.18734	(3.07)	-16.8%	5.4%	-13.4%			
33	0.171	59	150 16000	20.55	4.73887	25.29	16.84	5.25687	22.10	(3.71)	0.51800	(3.19)	-18.1%	10.9%	-12.6%			
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast															
35	0.246	85	200 22000	23.40	6.012	29.41	19.85	7.57345	27.42	(3.55)	1.56145	(1.99)	-15.2%	26.0%	-6.8%			
36	0.313	109	250 30000	25.02	7.70951	32.73	20.97	9.71184	30.68	(4.05)	2.00233	(2.05)	-16.2%	26.0%	-6.3%			
37	0.476	165	400 50000	32.47	11.6704	44.14	25.3	14.7014	40.00	(7.17)	3.03105	(4.14)	-22.1%	26.0%	-9.4%			
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast															
39	0.083	29	70 5800	8.37	2.47553	10.85	10.5	2.58388	13.08	2.13	0.10835	2.23	25.4%	4.4%	20.6%			
40	0.117	41	100 9500	9.30	3.46574	12.77	11.07	3.65308	14.72	1.77	0.18734	1.95	19.0%	5.4%	15.3%			
41	0.171	59	150 16000	10.52	4.73887	15.26	12.22	5.25687	17.48	1.70	0.51800	2.22	16.2%	10.9%	14.6%			
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast															
43	0.246	85	200 22000	12.98	6.012	18.99	13.62	7.57345	21.19	0.64	1.56145	2.20	4.9%	26.0%	11.6%			
44	0.313	109	250 30000	14.85	7.70951	22.56	16.01	9.71184	25.72	1.16	2.00233	3.16	7.8%	26.0%	14.0%			
45	0.476	165	400 50000	17.38	11.6704	29.05	17.75	14.7014	32.45	0.37	3.03105	3.40	2.1%	26.0%	11.7%			
46			LS-1, LPSV, Class A															
47	0.088	31	55 8000	11.99	2.19261	14.18	14.73	2.76208	17.49	2.74	0.56947	3.31	22.9%	26.0%	23.3%			
48	0.145	50	90 13500	13.74	3.53647	17.28	16.65	4.45497	21.10	2.91	0.91850	3.82	21.2%	26.0%	22.1%			
49	0.206	71	135 22500	15.50	5.02179	20.52	18.1	6.32606	24.43	2.60	1.30427	3.91	16.8%	26.0%	19.0%			
50	0.235	82	180 33000	16.80	5.79981	22.60	20.52	7.30615	27.83	3.72	1.50634	5.23	22.1%	26.0%	23.1%			
51			LS-1, LPSV, Class B, 1-Lamp															
52	0.088	31	55 8000	14.65	2.19261	16.84	14.9	2.76208	17.66	0.25	0.56947	0.82	1.7%	26.0%	4.9%			
53	0.145	50	90 13500	16.09	3.53647	19.63	16.82	4.45497	21.27	0.73	0.91850	1.64	4.5%	26.0%	8.4%			
54	0.206	71	135 22500	18.36	5.02179	23.38	18.23	6.32606	24.56	(0.13)	1.30427	1.18	-0.7%	26.0%	5.0%			
55	0.235	82	180 33000	18.73	5.79981	24.53	20.65	7.30615	27.96	1.92	1.50634	3.43	10.3%	26.0%	14.0%			
56			LS-1, LPSV, Class B, 2-Lamp															
57	0.088	31	55 8000	14.08	2.19261	16.27	14.26	2.76208	17.02	0.18	0.56947	0.75	1.3%	26.0%	4.6%			
58	0.145	50	90 13500	15.59	3.53647	19.13	16.17	4.45497	20.62	0.58	0.91850	1.49	3.7%	26.0%	7.8%			
59	0.206	71	135 22500	17.78	5.02179	22.80	17.82	6.32606	24.15	0.04	1.30427	1.35	0.2%	26.0%	5.9%			
60	0.235	82	180 33000	18.21	5.79981	24.01	20.24	7.30615	27.55	2.03	1.50634	3.54	11.1%	26.0%	14.7%			
61			LS-1, LPSV, Class C, 1-Lamp															
62	0.088	31	55 8000	20.62	2.19261	22.81	17.98	2.76208	20.74	(2.64)	0.56947	(2.07)	-12.8%	26.0%	-9.1%			
63	0.145	50	90 13500	21.99	3.53647	25.53	19.23	4.45497	23.68	(2.76)	0.91850	(1.85)	-12.6%	26.0%	-7.2%			
64	0.206	71	135 22500	25.34	5.02179	30.36	21.93	6.32606	28.26	(3.41)	1.30427	(2.10)	-13.5%	26.0%	-6.9%			
65	0.235	82	180 33000	26.72	5.79981	32.52	22.92	7.30615	30.23	(3.80)	1.50634	(2.29)	-14.2%	26.0%	-7.0%			
66			LS-1, LPSV, Class C, 2-Lamp															
67	0.088	31	55 8000	11.98	2.19261	14.17	14.36	2.76208	17.12	2.38	0.56947	2.95	19.9%	26.0%	20.8%			
68	0.145	50	90 13500	14.83	3.53647	18.37	16.3	4.45497	20.75	1.47	0.91850	2.38	9.9%	26.0%	13.0%			
69	0.206	71	135 225															

# REBUTTAL ATTACHMENT I

## COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP  
Hours per year  
4,165  
Hours per month  
347

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 2			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
101	0.780	271	700	35000	22.24		19.1677	41.41	14.91	24.146	39.06	(7.33)	4.97827	(2.35)	-33.0%	26.0%	-5.7%
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast														
103	0.210	73	175	7000	6.61	5.16325	11.77	6.33	6.50426	12.83	(0.28)	1.34101	1.06	-4.2%	26.0%	9.0%	
104	0.292	101	250	10000	8.60	7.14367	15.74	7.65	8.99094	16.65	(0.95)	1.85537	0.91	-11.0%	26.0%	5.8%	
105	0.460	160	400	20000	12.65	11.3167	23.97	10.38	14.2559	24.64	(2.27)	2.93920	0.67	-17.9%	26.0%	2.8%	
106			LS-2, Mercury Vapor, Rate B, Series Service														
107	0.207	72	175	7000	7.42	5.09252	12.51	7.11	6.41516	13.53	(0.31)	1.32264	1.02	-4.2%	26.0%	8.1%	
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast														
109	0.058	20	50	4000	1.40	1.41459	2.81	2.37	1.78199	4.15	0.97	0.36740	1.34	69.3%	26.0%	47.4%	
110	0.101	35	70	5800	2.44	2.47553	4.92	3.06	3.11848	6.18	0.62	0.64295	1.26	25.4%	26.0%	25.7%	
111	0.141	49	100	9500	3.41	3.46574	6.88	3.72	4.36587	8.09	0.31	0.90013	1.21	9.1%	26.0%	17.7%	
112	0.193	67	150	16000	4.69	4.73887	9.43	4.57	5.96966	10.54	(0.12)	1.23079	1.11	-2.6%	26.0%	11.8%	
113	0.246	85	200	22000	5.96	6.012	11.97	5.42	7.57345	12.99	(0.54)	1.56145	1.02	-9.1%	26.0%	8.0%	
114	0.313	109	250	30000	7.59	7.70951	15.30	6.51	9.71184	16.22	(1.08)	2.00233	0.92	-14.2%	26.0%	6.5%	
115	0.383	133	310	37000	9.26	9.40702	18.67	7.63	11.8502	19.48	(1.63)	2.44321	0.81	-17.6%	26.0%	4.4%	
116	0.476	165	400	50000	11.52	11.6704	23.19	9.13	14.7014	23.83	(2.39)	3.03105	0.64	-20.7%	26.0%	2.8%	
117	1.102	382	1000	140000	26.68	27.0187	53.70	19.26	34.036	53.30	(7.42)	7.01734	(0.40)	-27.8%	26.0%	-0.7%	
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast														
119	0.050	17	50	4000	1.21	1.2024	2.41	2.24	1.51469	3.75	1.03	0.31229	1.34	85.1%	26.0%	55.4%	
120	0.083	29	70	5800	2.01	2.05115	4.06	2.78	2.58388	5.36	0.77	0.53273	1.30	38.3%	26.0%	32.0%	
121	0.117	41	100	9500	2.82	2.89991	5.72	3.33	3.65308	6.98	0.51	0.75317	1.26	18.1%	26.0%	22.0%	
122	0.171	59	150	16000	4.15	4.17304	8.32	4.21	5.25687	9.47	0.06	1.08383	1.15	1.4%	26.0%	13.8%	
123			LS-2, HPSV, Rate A, Series Service														
124	0.064	22	50	4000	1.82	1.55605	3.38	3.3	1.96019	5.26	1.48	0.40414	1.88	81.3%	26.0%	55.8%	
125	0.108	37	70	5800	3.05	2.81699	5.70	4	3.29688	7.30	0.92	0.67989	1.60	29.9%	26.0%	28.1%	
126	0.121	42	100	9500	3.45	2.97064	6.42	4.22	3.74218	7.96	0.77	0.77154	1.54	22.3%	26.0%	24.0%	
127	0.174	60	150	16000	4.97	4.24377	9.21	5.09	5.34597	10.44	0.12	1.10220	1.23	2.4%	26.0%	13.3%	
128	0.233	81	200	22000	6.65	5.72908	12.38	6.05	7.21705	13.27	(0.60)	1.48787	0.89	-9.0%	26.0%	7.2%	
129	0.313	109	250	30,000	8.93	7.70951	16.64	7.35	9.71184	17.06	(1.58)	2.00233	0.42	-17.7%	26.0%	2.5%	
130			LS-2, HPSV, Rate B, Regulator Ballast														
131	0.058	20	50	4000	2.92	1.41459	4.33	3.86	1.78199	5.64	0.94	0.36740	1.31	32.2%	26.0%	30.1%	
132	0.101	35	70	5800	3.96	2.47553	6.44	4.55	3.11848	7.67	0.59	0.64295	1.23	14.9%	26.0%	19.2%	
133	0.141	49	100	9500	4.92	3.46574	8.39	5.21	4.36587	9.58	0.29	0.90013	1.19	5.9%	26.0%	14.2%	
134	0.193	67	150	16000	6.20	4.73887	10.94	6.06	5.96966	12.03	(0.14)	1.23079	1.09	-2.3%	26.0%	10.0%	
135	0.246	85	200	22000	7.48	6.012	13.49	6.91	7.57345	14.48	(0.57)	1.56145	0.99	-7.6%	26.0%	7.3%	
136	0.313	109	250	30000	9.10	7.70951	16.81	8	9.71184	17.71	(1.10)	2.00233	0.90	-12.1%	26.0%	5.4%	
137	0.383	133	310	37000	10.77	9.40702	20.18	9.12	11.8502	20.97	(1.65)	2.44321	0.79	-15.3%	26.0%	3.9%	
138	0.476	165	400	50000	13.03	11.6704	24.70	10.62	14.7014	25.32	(2.41)	3.03105	0.62	-18.5%	26.0%	2.5%	
139	1.102	382	1000	140000	28.20	27.0187	55.22	20.75	34.036	54.79	(7.45)	7.01734	(0.43)	-26.4%	26.0%	-0.8%	
140			LS-2, HPSV, Rate B, Reactor Ballast														
141	0.050	17	50	4000	2.73	1.2024	3.93	3.72	1.51469	5.23	0.99	0.31229	1.30	36.3%	26.0%	33.0%	
142	0.083	29	70	5800	3.53	2.05115	5.58	4.27	2.58388	6.85	0.74	0.53273	1.27	21.0%	26.0%	22.7%	
143	0.117	41	100	9500	4.34	2.89991	7.24	4.81	3.65308	8.46	0.47	0.75317	1.22	10.8%	26.0%	16.9%	
144	0.171	59	150	16000	5.67	4.17304	9.84	5.7	5.25687	10.96	0.03	1.08383	1.12	0.5%	26.0%	11.3%	
145			LS-2, HPSV, Rate B, Series Service														
146	0.064	22	50	4000	3.34	1.55605	4.90	4.79	1.96019	6.75	1.45	0.40414	1.85	43.4%	26.0%	37.9%	
147	0.108	37	70	5800	4.60	2.81699	7.22	5.49	3.29688	8.79	0.89	0.67989	1.57	19.3%	26.0%	21.8%	
148	0.121	42	100	9500	4.96	2.97064	7.93	5.71	3.74218	9.45	0.75	0.77154	1.52	15.1%	26.0%	19.2%	
149	0.174	60	150	16000	6.49	4.24377	10.73	6.58	5.34597	11.93	0.09	1.10220	1.20	1.4%	26.0%	11.1%	
150	0.233	81	200	22000	8.17	5.72908	13.90	7.54	7.21705	14.76	(0.63)	1.48787	0.86	-7.7%	26.0%	6.2%	
151	0.313	109	250	30,000	10.45	7.70951	18.16	8.84	9.71184	18.55	(1.61)	2.00233	0.39	-15.4%	26.0%	2.2%	
152			LS-2, LPSV, Rate A														
153	0.067	23	35	4800	1.62	1.62679	3.25	2.52	2.04929	4.57	0.90	0.42251	1.32	55.6%	26.0%	40.8%	
154	0.088	31	55	8000	2.13	2.19261	4.32	2.86	2.76208	5.62	0.73	0.56947	1.30	34.3%	26.0%	30.0%	
155	0.145	50	90	13500	3.51	3.53647	7.05	3.79	4.45497	8.24	0.28	0.91850	1.19	8.0%	26.0%	16.9%	
156	0.206	71	135	22500	5.00	5.02179	10.02	4.77	6.32606	11.10	(0.23)	1.30427	1.08	-4.6%	26.0%	10.8%	
157	0.235	82	180	33000	5.69	5.79981	11.49	5.26	7.30615	12.57	(0.43)	1.50634	1.08	-7.6%	26.0%	9.4%	
158			LS-2, LPSV, Rate A, Series Service														
159	0.050	17	35	4800	1.42	1.2024	2.62	3.07	1.51469	4.58	1.65	0.31229	1.96	116.2%	26.0%	74.6%	
160	0.072	25	55	8000	2.06	1.76824	3.83	3.44	2.22749	5.67	1.38	0.45925	1.84	67.0%	26.0%	48.1%	
161	0.130	45	90	13500	3.71	3.18282	6.89	4.38	4.00947	8.39	0.67	0.82665	1.50	18.1%	26.0%	21.7%	
162	0.185	64	135	22500	5.28	4.52668	9.81	5.27	5.70236	10.97	(0.01)	1.17568	1.16	-0.2%	26.0%	11.9%	
163	0.219	76	180	33000	6.25	5.37544	11.63	5.82	6.77156	12.59	(0.43)	1.39612	0.96	-6.9%	26.0%	8.3%	
164			LS-2, Incandescent Lamps, Rate A, Energy Only														
165	0.073	25	1,000		1.77	1.76824	3.54	2.61	2.22749	4.84	0.84	0.45925	1.30	47.5%	26.0%	36.8%	
166	0.162	56	2,500		3.92	3.96085	7.88	4.07	4.98957	9.06	0.15	1.02872	1.18	3.8%	26.0%	15.0%	
167	0.295	102	4,000		7.16	7.2144	14.37	6.2	9.08814	15.29	(0.96)	1.87374	0.92	-13.4%	26.0%	6.4%	
168	0.405	141	6,000		9.80	9.97285	19.77	7.99	12.563	20.55	(1.81)	2.59017	0.78	-18.5%	26.0%	3.9%	
169	0.608	211	10,00														

# REBUTTAL ATTACHMENT I

## COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2

### SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT Hours per year 4,165 Hours per month 347

LINE NO	Average Energy Use kWh/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 2			Change		% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate
202	0.0025	1	2.5		0.08	0.07073	0.15	1.48	0.0891	1.57	1.40	0.01837	1.42	1750.0%	26.0%	941.6%
203	0.0075	3	7.5		0.23	0.21219	0.44	1.56	0.2673	1.83	1.33	0.05511	1.39	578.3%	26.0%	313.8%
204	0.0125	4	12.5		0.29	0.28292	0.57	1.63	0.3564	1.99	1.34	0.07348	1.42	462.1%	26.0%	247.3%
205	0.0175	6	17.5		0.44	0.42438	0.86	1.72	0.5346	2.25	1.28	0.11022	1.39	290.9%	26.0%	160.3%
206	0.0225	8	22.5		0.59	0.56584	1.16	1.80	0.7128	2.51	1.21	0.14696	1.35	205.1%	26.0%	117.2%
207	0.0275	10	27.5		0.74	0.70729	1.45	1.89	0.89099	2.78	1.15	0.18370	1.33	155.4%	26.0%	92.1%
208	0.0325	11	32.5		0.81	0.77802	1.59	1.95	0.98009	2.93	1.14	0.20207	1.34	140.7%	26.0%	84.5%
209	0.0375	13	37.5		0.95	0.91948	1.87	2.03	1.15829	3.19	1.08	0.23881	1.32	113.7%	26.0%	70.6%
210	0.0425	15	42.5		1.10	1.06094	2.16	2.12	1.33649	3.46	1.02	0.27555	1.30	92.7%	26.0%	60.1%
211	0.0475	16	47.5		1.17	1.13167	2.30	2.19	1.42559	3.62	1.02	0.29392	1.32	87.2%	26.0%	57.3%
212	0.0525	18	52.5		1.32	1.27313	2.59	2.28	1.60379	3.88	0.96	0.33066	1.29	72.7%	26.0%	49.6%
213	0.0575	20	57.5		1.47	1.41459	2.88	2.36	1.78199	4.14	0.89	0.36740	1.26	60.5%	26.0%	43.5%
214	0.0625	22	62.5		1.62	1.56605	3.18	2.45	1.96019	4.41	0.83	0.40414	1.23	51.2%	26.0%	38.9%
215	0.0675	23	67.5		1.70	1.62678	3.33	2.52	2.04929	4.57	0.82	0.42251	1.24	48.2%	26.0%	37.4%
216	0.0725	25	72.5		1.85	1.76824	3.62	2.61	2.22749	4.84	0.76	0.45925	1.22	41.1%	26.0%	33.8%
217	0.0775	27	77.5		2.00	1.90969	3.91	2.69	2.40568	5.10	0.69	0.49599	1.19	34.5%	26.0%	30.4%
218	0.0825	29	82.5		2.14	2.05115	4.19	2.78	2.58388	5.36	0.64	0.53273	1.17	29.9%	26.0%	27.9%
219	0.0875	30	87.5		2.21	2.12188	4.33	2.85	2.67298	5.52	0.64	0.55110	1.19	29.0%	26.0%	27.4%
220	0.0925	32	92.5		2.35	2.26334	4.61	2.92	2.85118	5.77	0.57	0.58784	1.16	24.3%	26.0%	25.1%
221	0.0975	34	97.5		2.50	2.4048	4.90	3.01	3.02938	6.04	0.51	0.62458	1.14	20.4%	26.0%	23.1%
222	0.1025	36	102.5		2.64	2.54626	5.19	3.09	3.20758	6.30	0.45	0.66132	1.11	17.0%	26.0%	21.5%
223	0.1075	37	107.5		2.72	2.61699	5.34	3.16	3.29668	6.46	0.44	0.67969	1.12	16.2%	26.0%	21.0%
224	0.1125	39	112.5		2.87	2.75845	5.63	3.24	3.47488	6.71	0.37	0.71643	1.08	12.9%	26.0%	19.2%
225	0.1175	41	117.5		3.02	2.89991	5.92	3.33	3.65308	6.98	0.31	0.75317	1.06	10.3%	26.0%	17.9%
226	0.1225	43	122.5		3.16	3.04137	6.20	3.43	3.83128	7.26	0.27	0.78991	1.06	8.5%	26.0%	17.1%
227	0.1275	44	127.5		3.23	3.1121	6.34	3.50	3.92038	7.42	0.27	0.80828	1.08	8.4%	26.0%	17.0%
228	0.1325	46	132.5		3.38	3.25355	6.63	3.58	4.09857	7.68	0.20	0.84502	1.05	5.9%	26.0%	15.8%
229	0.1375	48	137.5		3.53	3.39501	6.93	3.67	4.27677	7.95	0.14	0.88176	1.02	4.0%	26.0%	14.8%
230	0.1425	49	142.5		3.61	3.46574	7.08	3.74	4.36587	8.11	0.13	0.90013	1.03	3.6%	26.0%	14.6%
231	0.1475	51	147.5		3.76	3.6072	7.37	3.83	4.54407	8.37	0.07	0.93687	1.00	1.9%	26.0%	13.6%
232	0.1525	53	152.5		3.90	3.74866	7.65	3.91	4.72227	8.63	0.01	0.97361	0.98	0.3%	26.0%	12.8%
233	0.1575	55	157.5		4.05	3.89012	7.94	4.00	4.90047	8.90	(0.05)	1.01035	0.96	-1.2%	26.0%	12.1%
234	0.1625	56	162.5		4.12	3.96085	8.08	4.07	4.98957	9.06	(0.05)	1.02872	0.98	-1.2%	26.0%	12.1%
235	0.1675	58	167.5		4.28	4.10231	8.38	4.15	5.16777	9.32	(0.13)	1.06546	0.94	-3.0%	26.0%	11.2%
236	0.1725	60	172.5		4.42	4.24377	8.66	4.24	5.34597	9.59	(0.18)	1.10220	0.93	-4.1%	26.0%	10.7%
237	0.1775	62	177.5		4.57	4.38523	8.96	4.33	5.52417	9.85	(0.24)	1.13894	0.89	-5.3%	26.0%	10.0%
238	0.1825	63	182.5		4.65	4.45595	9.11	4.40	5.61326	10.01	(0.25)	1.15731	0.90	-5.4%	26.0%	9.9%
239	0.1875	65	187.5		4.80	4.59741	9.40	4.48	5.79146	10.27	(0.32)	1.19405	0.87	-6.7%	26.0%	9.3%
240	0.1925	67	192.5		4.94	4.73887	9.68	4.57	5.96966	10.54	(0.37)	1.23079	0.86	-7.5%	26.0%	8.9%
241	0.1975	69	197.5		5.09	4.88033	9.97	4.65	6.14786	10.80	(0.44)	1.26753	0.83	-8.6%	26.0%	8.3%
242	0.2025	70	202.5		5.16	4.95106	10.11	4.71	6.23696	10.95	(0.45)	1.28590	0.84	-8.7%	26.0%	8.3%
243	0.2075	72	207.5		5.30	5.09252	10.39	4.79	6.41516	11.21	(0.51)	1.32264	0.82	-9.6%	26.0%	7.9%
244	0.2125	74	212.5		5.44	5.23398	10.67	4.88	6.59336	11.47	(0.56)	1.35938	0.80	-10.3%	26.0%	7.5%
245	0.2175	75	217.5		5.52	5.30471	10.82	4.95	6.68246	11.63	(0.57)	1.37775	0.81	-10.3%	26.0%	7.4%
246	0.2225	77	222.5		5.67	5.44617	11.12	5.03	6.86066	11.89	(0.64)	1.41449	0.77	-11.3%	26.0%	7.0%
247	0.2275	79	227.5		5.82	5.58763	11.41	5.12	7.03886	12.16	(0.70)	1.45123	0.75	-12.0%	26.0%	6.6%
248	0.2325	81	232.5		5.97	5.72908	11.70	5.21	7.21705	12.43	(0.76)	1.48797	0.73	-12.7%	26.0%	6.2%
249	0.2375	82	237.5		6.03	5.79981	11.83	5.28	7.30615	12.59	(0.75)	1.50634	0.76	-12.4%	26.0%	6.4%
250	0.2425	84	242.5		6.18	5.94127	12.12	5.36	7.48435	12.84	(0.82)	1.54308	0.72	-13.3%	26.0%	5.9%
251	0.2475	86	247.5		6.33	6.08273	12.41	5.45	7.66255	13.11	(0.88)	1.57982	0.70	-13.9%	26.0%	5.6%
252	0.2525	88	252.5		6.48	6.22419	12.70	5.54	7.84075	13.38	(0.94)	1.61656	0.68	-14.5%	26.0%	5.3%
253	0.2575	89	257.5		6.56	6.29492	12.85	5.60	7.92985	13.53	(0.96)	1.63493	0.69	-14.6%	26.0%	5.3%
254	0.2625	91	262.5		6.70	6.43638	13.14	5.69	8.10805	13.80	(1.01)	1.67167	0.66	-15.1%	26.0%	5.1%
255	0.2675	93	267.5		6.84	6.57784	13.42	5.77	8.28625	14.06	(1.07)	1.70841	0.64	-15.6%	26.0%	4.8%
256	0.2725	95	272.5		6.99	6.7193	13.71	5.86	8.46445	14.32	(1.13)	1.74515	0.61	-16.2%	26.0%	4.5%
257	0.2775	96	277.5		7.06	6.79003	13.85	5.92	8.55355	14.47	(1.14)	1.76352	0.62	-16.1%	26.0%	4.5%
258	0.2825	98	282.5		7.21	6.93149	14.14	6.01	8.73175	14.74	(1.20)	1.80026	0.60	-16.6%	26.0%	4.2%
259	0.2875	100	287.5		7.36	7.07294	14.43	6.10	8.90994	15.01	(1.26)	1.83700	0.58	-17.1%	26.0%	4.0%
260	0.2925	102	292.5		7.51	7.2144	14.72	6.18	9.08814	15.27	(1.33)	1.87374	0.55	-17.7%	26.0%	3.7%
261	0.2975	103	297.5		7.59	7.28513	14.88	6.24	9.17724	15.42	(1.35)	1.89211	0.54	-17.8%	26.0%	3.7%
262	0.3025	105	302.5		7.73	7.42659	15.16	6.33	9.35544	15.69	(1.40)	1.92885	0.53	-18.1%	26.0%	3.5%
263	0.3075	107	307.5		7.88	7.56805	15.45	6.42	9.53364	15.95	(1.46)	1.96559	0.50	-18.5%	26.0%	3.2%
264	0.3125	108	312.5		7.95	7.63878	15.59	6.48	9.62274	16.10	(1.47)	1.98396	0.51	-18.5%	26.0%	3.3%
265	0.3175	110	317.5		8.10	7.78024	15.88	6.57	9.80094	16.37	(1.53)	2.02070	0.49	-18.9%	26.0%	3.1%
266	0.3225	112	322.5		8.25	7.92170	16.17	6.66	9.97914	16.64	(1.59)	2.05744	0.47	-19.3%	26.0%	2.9%
267	0.3275	114	327.5		8.38	8.06316	16.44	6.74	10.1573	16.90	(1.64)	2.09418	0.46	-19.6%	26.0%	2.8%
268	0.3325	115	332.5		8.46	8.13889	16.59	6.80	10.2464	17.05	(1.66)	2.11255	0.46	-19.6%	26.0%	2.7%
269	0.3375	117	337.5		8.61	8.27534	16.89	6.89	10.4246	17.31	(1.72)	2.14929	0.42	-20.0%	26.0%	2.5%
270	0.3425	119	342.5		8.76	8.4168	17.18	6.98	10.6028	17.58	(1.78)	2.18603	0.40	-20.3%	26.0%	2.3%
271	0.3475	121	347.5		8.90	8.55826	17.46	7.07	10.781	17.85	(1.83)	2.22277	0.39	-20.6%	26.0%	2.2%
272	0.3525	122	352.5		8.97	8.62899	17.60	7.13	10.8701	18.00	(1.84)	2.24114	0.40	-20.5%	26.0%	2.3%
273	0.3575	124	357.5		9.12	8.77045	17.89	7.22	11.0483	18.27	(1.90)	2.27788	0.38	-20.8%	26.0%	2.1%
274	0.3625	126	362.5		9.27	8.91191	18.18	7.30	11.2265	18.53	(1.97)	2.31462	0.			

## REBUTTAL ATTACHMENT I

### COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 2

**SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

SUMMARY OF USAGE/LAMP  
 Hours per year  
 4,165  
 Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 2			Change			% Change					
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate			
303																			
304					8.04		8.04	13.91		13.91	5.87		5.87	73.0%		73.0%			
305					8.78		8.78	14.54		14.54	5.76		5.76	65.6%		65.6%			
306																			
307																			
308								0.12389	0.08996	0.21385	0.14182	0.08902	0.23084	0.01793	-0.00094	0.01699	14.5%	-1.0%	7.9%
309								11.47		11.47	13.76		13.76	2.29		2.29	20.0%		20.0%
310																			
311								0.0120			0.0115		(0.0005)						-4.2%
312																			
313	0.059	20						2.95	1.41459	4.36	3.86	1.78199	5.64	0.91	0.36740	1.28	30.8%	26.0%	29.2%
314								61.33		61.33	59.58		59.58	(1.75)		(1.75)	-2.9%		-2.9%

**ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3**

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23707	0.04572	23.9%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23707	0.04572	23.9%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
12	Above 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.20243	0.02694	15.4%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.20243	0.02694	15.4%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
17	Above 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.20275	0.03910	23.9%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.20275	0.03910	23.9%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.17313	0.02304	15.4%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.17313	0.02304	15.4%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
17	Above 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22920	0.04578	25.0%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22920	0.04578	25.0%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.19456	0.02700	16.1%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.19456	0.02700	16.1%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
17	Above 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.23459	0.04578	24.2%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.23459	0.04578	24.2%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19995	0.02700	15.6%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19995	0.02700	15.6%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
17	Above 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23707	0.04572	23.9%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23707	0.04572	23.9%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
12	Above 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.20243	0.02694	15.4%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.20243	0.02694	15.4%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
17	Above 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.20275	0.03910	23.9%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.20275	0.03910	23.9%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.17313	0.02304	15.4%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.17313	0.02304	15.4%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
17	Above 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22920	0.04578	25.0%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22920	0.04578	25.0%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.19456	0.02700	16.1%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.19456	0.02700	16.1%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
17	Above 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23707	0.04572	23.9%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23707	0.04572	23.9%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
12	Above 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.20243	0.02694	15.4%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.20243	0.02694	15.4%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
17	Above 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.20275	0.03910	23.9%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.20275	0.03910	23.9%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.17313	0.02304	15.4%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.17313	0.02304	15.4%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
17	Above 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22920	0.04578	25.0%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22920	0.04578	25.0%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.19456	0.02700	16.1%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.19456	0.02700	16.1%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
17	Above 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.23459	0.04578	24.2%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.23459	0.04578	24.2%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19995	0.02700	15.6%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19995	0.02700	15.6%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
17	Above 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23707	0.04572	23.9%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23707	0.04572	23.9%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
12	Above 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.20243	0.02694	15.4%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.20243	0.02694	15.4%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
17	Above 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.20275	0.03910	23.9%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.20275	0.03910	23.9%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.17313	0.02304	15.4%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.17313	0.02304	15.4%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
17	Above 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22920	0.04578	25.0%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22920	0.04578	25.0%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.19456	0.02700	16.1%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.19456	0.02700	16.1%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
17	Above 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.23459	0.04578	24.2%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.23459	0.04578	24.2%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19995	0.02700	15.6%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19995	0.02700	15.6%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
17	Above 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19135	0.23707	0.04572	23.9%
10	101% to 130% of Baseline	\$/kWh	0.19135	0.23707	0.04572	23.9%
11	131% to 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
12	Above 400% of Baseline	\$/kWh	0.39459	0.48889	0.09430	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17549	0.20243	0.02694	15.4%
15	101% to 130% of Baseline	\$/kWh	0.17549	0.20243	0.02694	15.4%
16	131% to 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
17	Above 400% of Baseline	\$/kWh	0.36190	0.41747	0.05557	15.4%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16365	0.20275	0.03910	23.9%
10	101% to 130% of Baseline	\$/kWh	0.16365	0.20275	0.03910	23.9%
11	131% to 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
12	Above 400% of Baseline	\$/kWh	0.24895	0.30844	0.05949	23.9%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.15009	0.17313	0.02304	15.4%
15	101% to 130% of Baseline	\$/kWh	0.15009	0.17313	0.02304	15.4%
16	131% to 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
17	Above 400% of Baseline	\$/kWh	0.22833	0.26338	0.03505	15.4%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18342	0.22920	0.04578	25.0%
10	101% to 130% of Baseline	\$/kWh	0.18342	0.22920	0.04578	25.0%
11	131% to 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
12	Above 400% of Baseline	\$/kWh	0.38666	0.48102	0.09436	24.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16756	0.19456	0.02700	16.1%
15	101% to 130% of Baseline	\$/kWh	0.16756	0.19456	0.02700	16.1%
16	131% to 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
17	Above 400% of Baseline	\$/kWh	0.35397	0.40960	0.05563	15.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.18881	0.23459	0.04578	24.2%
10	101% to 130% of Baseline	\$/kWh	0.18881	0.23459	0.04578	24.2%
11	131% to 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
12	Above 400% of Baseline	\$/kWh	0.39205	0.48641	0.09436	24.1%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17295	0.19995	0.02700	15.6%
15	101% to 130% of Baseline	\$/kWh	0.17295	0.19995	0.02700	15.6%
16	131% to 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
17	Above 400% of Baseline	\$/kWh	0.35936	0.41499	0.05563	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.16111	0.20027	0.03916	24.3%
10	101% to 130% of Baseline	\$/kWh	0.16111	0.20027	0.03916	24.3%
11	131% to 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
12	Above 400% of Baseline	\$/kWh	0.24641	0.30596	0.05955	24.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.14755	0.17065	0.02310	15.7%
15	101% to 130% of Baseline	\$/kWh	0.14755	0.17065	0.02310	15.7%
16	131% to 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
17	Above 400% of Baseline	\$/kWh	0.22579	0.26090	0.03511	15.5%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28978	0.33209	0.04231	14.6%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28978	0.33209	0.04231	14.6%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59758	0.68485	0.08727	14.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59758	0.68485	0.08727	14.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.21121	0.21121	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.21121	0.21121	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.43557	0.43557	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.43557	0.43557	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16773	0.18326	0.01553	9.3%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16773	0.18326	0.01553	9.3%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34588	0.37793	0.03205	9.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34588	0.37793	0.03205	9.3%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16912	0.19290	0.02378	14.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16912	0.19290	0.02378	14.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34876	0.39780	0.04904	14.1%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34876	0.39780	0.04904	14.1%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18828	0.18828	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18828	0.18828	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.38829	0.38829	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.38829	0.38829	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.16238	0.18351	0.02113	13.0%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16238	0.18351	0.02113	13.0%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33485	0.37845	0.04360	13.0%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33485	0.37845	0.04360	13.0%
34	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24783	0.28402	0.03619	14.6%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24783	0.28402	0.03619	14.6%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37702	0.43207	0.05505	14.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37702	0.43207	0.05505	14.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18064	0.18064	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18064	0.18064	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.27480	0.27480	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.27480	0.27480	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14345	0.15673	0.01328	9.3%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14345	0.15673	0.01328	9.3%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21822	0.23844	0.02022	9.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21822	0.23844	0.02022	9.3%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14464	0.16497	0.02033	14.1%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14464	0.16497	0.02033	14.1%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.22004	0.25097	0.03093	14.1%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.22004	0.25097	0.03093	14.1%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.16103	0.16103	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.16103	0.16103	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.24497	0.24497	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.24497	0.24497	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13887	0.15695	0.01808	13.0%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13887	0.15695	0.01808	13.0%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21126	0.23876	0.02750	13.0%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.21126	0.23876	0.02750	13.0%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28185	0.32422	0.04237	15.0%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28185	0.32422	0.04237	15.0%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.58965	0.67698	0.08733	14.8%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.58965	0.67698	0.08733	14.8%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.20334	0.20334	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.20334	0.20334	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.42770	0.42770	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.42770	0.42770	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.15980	0.17539	0.01559	9.8%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15980	0.17539	0.01559	9.8%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33795	0.37006	0.03211	9.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.33795	0.37006	0.03211	9.5%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16119	0.18503	0.02384	14.8%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16119	0.18503	0.02384	14.8%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34083	0.38993	0.04910	14.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34083	0.38993	0.04910	14.4%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18041	0.18041	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18041	0.18041	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.38042	0.38042	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.38042	0.38042	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15445	0.17564	0.02119	13.7%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15445	0.17564	0.02119	13.7%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.32692	0.37058	0.04366	13.4%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.32692	0.37058	0.04366	13.4%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.28154	0.03625	14.8%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.28154	0.03625	14.8%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.42959	0.05511	14.7%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.42959	0.05511	14.7%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17816	0.17816	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17816	0.17816	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.27232	0.27232	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.27232	0.27232	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.15425	0.01334	9.5%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.15425	0.01334	9.5%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.23596	0.02028	9.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.23596	0.02028	9.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.16249	0.02039	14.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.16249	0.02039	14.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.24849	0.03099	14.2%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.24849	0.03099	14.2%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15855	0.15855	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15855	0.15855	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.24249	0.24249	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.24249	0.24249	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.15447	0.01814	13.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.15447	0.01814	13.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.23628	0.02756	13.2%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.23628	0.02756	13.2%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28724	0.32961	0.04237	14.8%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28724	0.32961	0.04237	14.8%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.59504	0.68237	0.08733	14.7%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59504	0.68237	0.08733	14.7%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.20873	0.20873	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.20873	0.20873	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.43309	0.43309	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.43309	0.43309	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.16519	0.18078	0.01559	9.4%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16519	0.18078	0.01559	9.4%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.34334	0.37545	0.03211	9.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.34334	0.37545	0.03211	9.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16658	0.19042	0.02384	14.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16658	0.19042	0.02384	14.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34622	0.39532	0.04910	14.2%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34622	0.39532	0.04910	14.2%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.18580	0.18580	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.18580	0.18580	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.38581	0.38581	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.38581	0.38581	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.15984	0.18103	0.02119	13.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15984	0.18103	0.02119	13.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.33231	0.37597	0.04366	13.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.33231	0.37597	0.04366	13.1%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.24529	0.28154	0.03625	14.8%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.24529	0.28154	0.03625	14.8%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.37448	0.42959	0.05511	14.7%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37448	0.42959	0.05511	14.7%
13	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.17816	0.17816	0.0%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.17816	0.17816	0.0%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.27232	0.27232	0.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.27232	0.27232	0.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.14091	0.15425	0.01334	9.5%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14091	0.15425	0.01334	9.5%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.21568	0.23596	0.02028	9.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.21568	0.23596	0.02028	9.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.14210	0.16249	0.02039	14.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.14210	0.16249	0.02039	14.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.21750	0.24849	0.03099	14.2%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21750	0.24849	0.03099	14.2%
26	Semi-Peak: Baseline Energy	\$/kWh	0.00000	0.15855	0.15855	0.0%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.00000	0.15855	0.15855	0.0%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.00000	0.24249	0.24249	0.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.00000	0.24249	0.24249	0.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.13633	0.15447	0.01814	13.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.13633	0.15447	0.01814	13.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.20872	0.23628	0.02756	13.2%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20872	0.23628	0.02756	13.2%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46817	0.51742	0.04925	10.5%
10	Semi-Peak: Summer	\$/kWh	0.23107	0.26818	0.03711	16.1%
11	Off-Peak: Summer	\$/kWh	0.20889	0.21050	0.00161	0.8%
12	On-Peak: Winter	\$/kWh	0.00000	0.23033	0.23033	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21723	0.22090	0.00367	1.7%
14	Off-Peak: Winter	\$/kWh	0.20378	0.21102	0.00724	3.6%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46278	0.51203	0.04925	10.6%
10	Semi-Peak: Summer	\$/kWh	0.22568	0.26279	0.03711	16.4%
11	Off-Peak: Summer	\$/kWh	0.20350	0.20511	0.00161	0.8%
12	On-Peak: Winter	\$/kWh	0.00000	0.22494	0.22494	0.0%
13	Semi-Peak: Winter	\$/kWh	0.21184	0.21551	0.00367	1.7%
14	Off-Peak: Winter	\$/kWh	0.19839	0.20563	0.00724	3.6%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46024	0.51203	0.05179	11.3%
10	Semi-Peak: Summer	\$/kWh	0.22314	0.26279	0.03965	17.8%
11	Off-Peak: Summer	\$/kWh	0.20096	0.20511	0.00415	2.1%
12	On-Peak: Winter	\$/kWh	0.00000	0.22494	0.22494	0.0%
13	Semi-Peak: Winter	\$/kWh	0.20930	0.21551	0.00621	3.0%
14	Off-Peak: Winter	\$/kWh	0.19585	0.20563	0.00978	5.0%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46127	0.51742	0.05615	12.2%
10	Off-Peak: Summer	\$/kWh	0.22100	0.26817	0.04717	21.3%
11	Super Off-Peak: Summer	\$/kWh	0.17792	0.21049	0.03257	18.3%
12	On-Peak: Winter	\$/kWh	0.21951	0.23037	0.01086	4.9%
13	Off-Peak: Winter	\$/kWh	0.20934	0.22090	0.01156	5.5%
14	Super Off-Peak: Winter	\$/kWh	0.18907	0.21101	0.02194	11.6%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46211	0.51742	0.05531	12.0%
10	Off-Peak: Summer	\$/kWh	0.22391	0.26817	0.04426	19.8%
11	Super Off-Peak: Summer	\$/kWh	0.17789	0.21049	0.03260	18.3%
12	On-Peak: Winter	\$/kWh	0.21612	0.23037	0.01425	6.6%
13	Off-Peak: Winter	\$/kWh	0.21221	0.22090	0.00869	4.1%
14	Super Off-Peak: Winter	\$/kWh	0.18905	0.21101	0.02196	11.6%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45672	0.51203	0.05531	12.1%
10	Off-Peak: Summer	\$/kWh	0.21852	0.26278	0.04426	20.3%
11	Super Off-Peak: Summer	\$/kWh	0.17250	0.20510	0.03260	18.9%
12	On-Peak: Winter	\$/kWh	0.20682	0.22498	0.01816	8.8%
13	Off-Peak: Winter	\$/kWh	0.20682	0.21551	0.00869	4.2%
14	Super Off-Peak: Winter	\$/kWh	0.18366	0.20562	0.02196	12.0%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.45416	0.51203	0.05787	12.7%
10	Off-Peak: Summer	\$/kWh	0.21597	0.26278	0.04681	21.7%
11	Super Off-Peak: Summer	\$/kWh	0.16996	0.20510	0.03514	20.7%
12	On-Peak: Winter	\$/kWh	0.20819	0.22498	0.01679	8.1%
13	Off-Peak: Winter	\$/kWh	0.20427	0.21551	0.01124	5.5%
14	Super Off-Peak: Winter	\$/kWh	0.18112	0.20562	0.02450	13.5%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44696	0.54626	0.09930	22.2%
10	Semi-Peak: Summer	\$/kWh	0.39459	0.48889	0.09430	23.9%
11	Off-Peak: Summer	\$/kWh	0.35527	0.43212	0.07685	21.6%
12	On-Peak: Winter	\$/kWh	0.39226	0.42673	0.03447	8.8%
13	Semi-Peak: Winter	\$/kWh	0.37825	0.41732	0.03907	10.3%
14	Off-Peak: Winter	\$/kWh	0.35882	0.40750	0.04868	13.6%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	\$/Day	0.329	0.329	0.000	0.0%

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30132	0.36581	0.06449	21.4%
10	Semi-Peak: Summer	\$/kWh	0.24895	0.30844	0.05949	23.9%
11	Off-Peak: Summer	\$/kWh	0.20963	0.25167	0.04204	20.1%
12	On-Peak: Winter	\$/kWh	0.25869	0.27264	0.01395	5.4%
13	Semi-Peak: Winter	\$/kWh	0.24468	0.26323	0.01855	7.6%
14	Off-Peak: Winter	\$/kWh	0.22525	0.25341	0.02816	12.5%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.43903	0.53839	0.09936	22.6%
10	Semi-Peak: Summer	\$/kWh	0.38666	0.48102	0.09436	24.4%
11	Off-Peak: Summer	\$/kWh	0.34734	0.42425	0.07691	22.1%
12	On-Peak: Winter	\$/kWh	0.38433	0.41886	0.03453	9.0%
13	Semi-Peak: Winter	\$/kWh	0.37032	0.40945	0.03913	10.6%
14	Off-Peak: Winter	\$/kWh	0.35089	0.39963	0.04874	13.9%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.36333	0.06455	21.6%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.30596	0.05955	24.2%
11	Off-Peak: Summer	\$/kWh	0.20709	0.24919	0.04210	20.3%
12	On-Peak: Winter	\$/kWh	0.25615	0.27016	0.01401	5.5%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.26075	0.01861	7.7%
14	Off-Peak: Winter	\$/kWh	0.22271	0.25093	0.02822	12.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44442	0.54378	0.09936	22.4%
10	Semi-Peak: Summer	\$/kWh	0.39205	0.48641	0.09436	24.1%
11	Off-Peak: Summer	\$/kWh	0.35273	0.42964	0.07691	21.8%
12	On-Peak: Winter	\$/kWh	0.38972	0.42425	0.03453	8.9%
13	Semi-Peak: Winter	\$/kWh	0.37571	0.41484	0.03913	10.4%
14	Off-Peak: Winter	\$/kWh	0.35628	0.40502	0.04874	13.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.29878	0.36333	0.06455	21.6%
10	Semi-Peak: Summer	\$/kWh	0.24641	0.30596	0.05955	24.2%
11	Off-Peak: Summer	\$/kWh	0.20709	0.24919	0.04210	20.3%
12	On-Peak: Winter	\$/kWh	0.25615	0.27016	0.01401	5.5%
13	Semi-Peak: Winter	\$/kWh	0.24214	0.26075	0.01861	7.7%
14	Off-Peak: Winter	\$/kWh	0.22271	0.25093	0.02822	12.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.08530)	(0.10569)	(0.02039)	23.9%
17	Baseline Adjustment - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07824)	(0.09025)	(0.01201)	15.4%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.70048	0.13482	23.8%
10	Off-Peak: Summer	\$/kWh	0.34910	0.43230	0.08320	23.8%
11	Super Off-Peak: Summer	\$/kWh	0.29712	0.36793	0.07081	23.8%
12	On-Peak: Winter	\$/kWh	0.37307	0.43034	0.05727	15.4%
13	Off-Peak: Winter	\$/kWh	0.36205	0.41763	0.05558	15.4%
14	Super Off-Peak: Winter	\$/kWh	0.35117	0.40508	0.05391	15.4%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.69509	0.13736	24.6%
10	Off-Peak: Summer	\$/kWh	0.34117	0.42691	0.08574	25.1%
11	Super Off-Peak: Summer	\$/kWh	0.28919	0.36254	0.07335	25.4%
12	On-Peak: Winter	\$/kWh	0.36514	0.42495	0.05981	16.4%
13	Off-Peak: Winter	\$/kWh	0.35412	0.41224	0.05812	16.4%
14	Super Off-Peak: Winter	\$/kWh	0.34324	0.39969	0.05645	16.4%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56566	0.70048	0.13482	23.8%
10	Off-Peak: Summer	\$/kWh	0.32937	0.40790	0.07853	23.8%
12	On-Peak: Winter	\$/kWh	0.37307	0.43034	0.05727	15.4%
13	Off-Peak: Winter	\$/kWh	0.35766	0.41259	0.05493	15.4%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.55773	0.69509	0.13736	24.6%
10	Off-Peak: Summer	\$/kWh	0.32144	0.40251	0.08107	25.2%
12	On-Peak: Winter	\$/kWh	0.36514	0.42495	0.05981	16.4%
13	Off-Peak: Winter	\$/kWh	0.34973	0.40720	0.05747	16.4%
15	Summer Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.20324)	(0.25182)	(0.04858)	23.9%
17	Winter Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	(0.18641)	(0.21504)	(0.02863)	15.4%
19	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
5	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
6	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
7	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
8	Primary					
9	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
10	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
11	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
12	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.24728	0.26374	0.01646	6.7%
28	Primary	\$/kWh	0.24662	0.26278	0.01616	6.6%
29	Winter					
30	Secondary	\$/kWh	0.19019	0.19682	0.00663	3.5%
31	Primary	\$/kWh	0.18959	0.19617	0.00658	3.5%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
5	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
6	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
7	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
8	Primary					
9	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
10	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
11	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
12	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.19160	0.20748	0.01588	8.3%
28	Primary	\$/kWh	0.19123	0.20709	0.01586	8.3%
29	Winter					
30	Secondary	\$/kWh	0.17278	0.17270	(0.00008)	0.0%
31	Primary	\$/kWh	0.17241	0.17231	(0.00010)	-0.1%

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
5	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
6	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
7	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
8	Primary					
9	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
10	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
11	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
12	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.27782	0.34884	0.07102	25.6%
28	Primary	\$/kWh	0.27669	0.34740	0.07071	25.6%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.24728	0.26374	0.01646	6.7%
31	Primary	\$/kWh	0.24636	0.26271	0.01635	6.6%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.21110	0.18706	(0.02404)	-11.4%
34	Primary	\$/kWh	0.21043	0.18640	(0.02403)	-11.4%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21490	0.20600	(0.00890)	-4.1%
37	Primary	\$/kWh	0.21411	0.20527	(0.00884)	-4.1%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20254	0.19707	(0.00547)	-2.7%
40	Primary	\$/kWh	0.20184	0.19641	(0.00543)	-2.7%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.18539	0.18775	0.00236	1.3%
43	Primary	\$/kWh	0.18483	0.18719	0.00236	1.3%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
5	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
6	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
7	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
8	Primary					
9	0-5 kW	\$/Month	7.00	14.00	7.00	100.0%
10	5-20 kW	\$/Month	12.00	24.00	12.00	100.0%
11	20-50 kW	\$/Month	20.00	40.00	20.00	100.0%
12	>50 kW	\$/Month	50.00	100.00	50.00	100.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.19160	0.20748	0.01588	8.3%
28	Primary	\$/kWh	0.19123	0.20709	0.01586	8.3%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.19160	0.20748	0.01588	8.3%
31	Primary	\$/kWh	0.19123	0.20709	0.01586	8.3%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.19160	0.20748	0.01588	8.3%
34	Primary	\$/kWh	0.19123	0.20709	0.01586	8.3%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.17278	0.17270	(0.00008)	0.0%
37	Primary	\$/kWh	0.17241	0.17231	(0.00010)	-0.1%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.17278	0.17270	(0.00008)	0.0%
40	Primary	\$/kWh	0.17241	0.17231	(0.00010)	-0.1%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.17278	0.17270	(0.00008)	0.0%
43	Primary	\$/kWh	0.17241	0.17231	(0.00010)	-0.1%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	58.87	58.87	0.0%
5	5-20 kW	\$/Month	0.00	156.16	156.16	0.0%
6	20-50 kW	\$/Month	0.00	371.14	371.14	0.0%
7	>50 kW	\$/Month	0.00	957.17	957.17	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	121.88	121.88	0.0%
10	5-20 kW	\$/Month	0.00	182.64	182.64	0.0%
11	20-50 kW	\$/Month	0.00	309.05	309.05	0.0%
12	>50 kW	\$/Month	0.00	941.09	941.09	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.33411	0.33411	0.0%
28	Primary	\$/kWh	0.00000	0.33276	0.33276	0.0%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.00000	0.15988	0.15988	0.0%
31	Primary	\$/kWh	0.00000	0.15938	0.15938	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.11138	0.11138	0.0%
34	Primary	\$/kWh	0.00000	0.11110	0.11110	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.13006	0.13006	0.0%
37	Primary	\$/kWh	0.00000	0.12972	0.12972	0.0%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.00000	0.12113	0.12113	0.0%
40	Primary	\$/kWh	0.00000	0.12086	0.12086	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.11181	0.11181	0.0%
43	Primary	\$/kWh	0.00000	0.11164	0.11164	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	14.00	14.00	0.0%
5	5-20 kW	\$/Month	0.00	24.00	24.00	0.0%
6	20-50 kW	\$/Month	0.00	40.00	40.00	0.0%
7	>50 kW	\$/Month	0.00	100.00	100.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	14.00	14.00	0.0%
10	5-20 kW	\$/Month	0.00	24.00	24.00	0.0%
11	20-50 kW	\$/Month	0.00	40.00	40.00	0.0%
12	>50 kW	\$/Month	0.00	100.00	100.00	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.34884	0.34884	0.0%
28	Primary	\$/kWh	0.00000	0.34740	0.34740	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23833	0.23833	0.0%
34	Primary	\$/kWh	0.00000	0.23742	0.23742	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.20600	0.20600	0.0%
37	Primary	\$/kWh	0.00000	0.20527	0.20527	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.19376	0.19376	0.0%
43	Primary	\$/kWh	0.00000	0.19307	0.19307	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	7.00	14.00	7.00	100.0%
4	Over 5 kW	\$/Month	12.00	24.00	12.00	100.0%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.17120	0.16341	(0.00779)	-4.6%
12	Winter	\$/kWh	0.17120	0.16341	(0.00779)	-4.6%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	3.44	3.44	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.41620	0.35810	(0.05810)	-14.0%
15	Semi-Peak	\$/kWh	0.25462	0.18525	(0.06937)	-27.2%
16	Off-Peak	\$/kWh	0.23439	0.13657	(0.09782)	-41.7%
17	Winter					
18	On-Peak	\$/kWh	0.21003	0.15527	(0.05476)	-26.1%
19	Semi-Peak	\$/kWh	0.19816	0.14630	(0.05186)	-26.2%
20	Off-Peak	\$/kWh	0.18180	0.13694	(0.04486)	-24.7%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	19.12	101.56	82.44	431.2%
4	5-20 kW	\$/Month	19.12	101.56	82.44	431.2%
5	20-50 kW	\$/Month	19.12	101.56	82.44	431.2%
6	>50 kW	\$/Month	19.12	101.56	82.44	431.2%
7	Non-Coincident Demand	\$/kW	0.00	3.44	3.44	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.19160	0.15643	(0.03517)	-18.4%
15	Semi-Peak	\$/kWh	0.19160	0.15643	(0.03517)	-18.4%
16	Off-Peak	\$/kWh	0.19160	0.15643	(0.03517)	-18.4%
17	Winter					
18	On-Peak	\$/kWh	0.17278	0.12165	(0.05113)	-29.6%
19	Semi-Peak	\$/kWh	0.17278	0.12165	(0.05113)	-29.6%
20	Off-Peak	\$/kWh	0.17278	0.12165	(0.05113)	-29.6%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	6.01	12.02	6.01	100.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.24702	0.26348	0.01646	6.7%
10	Winter	\$/kWh	0.19006	0.19669	0.00663	3.5%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	55.42	186.30	130.88	236.2%
4	Primary	\$/Month	55.42	50.24	(5.18)	-9.3%
5	Maximum Demand Charge					
6	Secondary	\$/KW	29.35	29.13	(0.22)	-0.7%
7	Primary	\$/KW	28.12	28.62	0.50	1.8%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	0.00	0.00	0.00	0.0%
13	Primary	\$/KW	0.00	0.00	0.00	0.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	0.00	0.00	0.00	0.0%
16	Primary	\$/KW	0.00	0.00	0.00	0.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	9.90	11.69	1.79	18.1%
19	Primary	\$/KW	9.85	11.64	1.79	18.2%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.25	0.00	(0.25)	-100.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.11798	0.11125	(0.00673)	-5.7%
27	Primary	\$/kWh	0.11743	0.11078	(0.00665)	-5.7%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.10928	0.09453	(0.01475)	-13.5%
30	Primary	\$/kWh	0.10883	0.09416	(0.01467)	-13.5%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.08446	0.07958	(0.00488)	-5.8%
33	Primary	\$/kWh	0.08420	0.07938	(0.00482)	-5.7%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.11114	0.10171	(0.00943)	-8.5%
36	Primary	\$/kWh	0.11066	0.10130	(0.00936)	-8.5%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.09669	0.09116	(0.00553)	-5.7%
39	Primary	\$/kWh	0.09632	0.09084	(0.00548)	-5.7%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.07679	0.08016	0.00337	4.4%
42	Primary	\$/kWh	0.07657	0.07996	0.00339	4.4%



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	186.30	69.86	60.0%
5	Primary	\$/Month	31.40	50.24	18.84	60.0%
6	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
7	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
8	Transmission	\$/Month	169.34	270.94	101.60	60.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	744.64	278.90	59.9%
11	Primary	\$/Month	37.35	59.77	22.42	60.0%
12	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
13	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
14	Transmission	\$/Month	677.54	1,084.06	406.52	60.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	44,901.30	16,837.99	60.0%
17	Primary Substation	\$/Month	28,115.43	44,984.69	16,869.26	60.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	25.38	2.56	11.2%
25	Primary	\$/kW	22.26	24.92	2.66	11.9%
26	Secondary Substation	\$/kW	12.95	13.02	0.07	0.5%
27	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
28	Transmission	\$/kW	12.45	12.52	0.07	0.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	16.94	(2.52)	-12.9%
37	Primary	\$/kW	19.11	16.79	(2.32)	-12.1%
38	Secondary Substation	\$/kW	11.95	13.92	1.97	16.5%
39	Primary Substation	\$/kW	11.83	13.79	1.96	16.6%
40	Transmission	\$/kW	11.37	13.26	1.89	16.6%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	3.20	(3.81)	-54.4%
43	Primary	\$/kW	6.97	3.16	(3.81)	-54.7%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12004	0.11331	(0.00673)	-5.6%
81	Primary	\$/kWh	0.11948	0.11283	(0.00665)	-5.6%
82	Secondary Substation	\$/kWh	0.11571	0.10881	(0.00690)	-6.0%
83	Primary Substation	\$/kWh	0.11515	0.10833	(0.00682)	-5.9%
84	Transmission	\$/kWh	0.11045	0.10403	(0.00642)	-5.8%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.11116	0.09642	(0.01474)	-13.3%
87	Primary	\$/kWh	0.11071	0.09603	(0.01468)	-13.3%
88	Secondary Substation	\$/kWh	0.10683	0.09192	(0.01491)	-14.0%
89	Primary Substation	\$/kWh	0.10638	0.09153	(0.01485)	-14.0%
90	Transmission	\$/kWh	0.10222	0.08799	(0.01423)	-13.9%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08445	0.07958	(0.00487)	-5.8%
93	Primary	\$/kWh	0.08420	0.07937	(0.00483)	-5.7%
94	Secondary Substation	\$/kWh	0.08012	0.07508	(0.00504)	-6.3%
95	Primary Substation	\$/kWh	0.07987	0.07487	(0.00500)	-6.3%
96	Transmission	\$/kWh	0.07697	0.07219	(0.00478)	-6.2%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11115	0.10172	(0.00943)	-8.5%
99	Primary	\$/kWh	0.11067	0.10131	(0.00936)	-8.5%
100	Secondary Substation	\$/kWh	0.10682	0.09722	(0.00960)	-9.0%
101	Primary Substation	\$/kWh	0.10634	0.09681	(0.00953)	-9.0%
102	Transmission	\$/kWh	0.10212	0.09308	(0.00904)	-8.9%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09669	0.09117	(0.00552)	-5.7%
105	Primary	\$/kWh	0.09632	0.09084	(0.00548)	-5.7%
106	Secondary Substation	\$/kWh	0.09236	0.08667	(0.00569)	-6.2%
107	Primary Substation	\$/kWh	0.09199	0.08634	(0.00565)	-6.1%
108	Transmission	\$/kWh	0.08852	0.08312	(0.00540)	-6.1%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07678	0.08015	0.00337	4.4%
111	Primary	\$/kWh	0.07657	0.07995	0.00338	4.4%
112	Secondary Substation	\$/kWh	0.07245	0.07565	0.00320	4.4%
113	Primary Substation	\$/kWh	0.07224	0.07545	0.00321	4.4%
114	Transmission	\$/kWh	0.06966	0.07275	0.00309	4.4%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	186.30	69.86	60.0%
5	Primary	\$/Month	31.40	50.24	18.84	60.0%
6	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
7	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
8	Transmission	\$/Month	169.34	270.94	101.60	60.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	744.64	278.90	59.9%
11	Primary	\$/Month	37.35	59.77	22.42	60.0%
12	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
13	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
14	Transmission	\$/Month	677.54	1,084.06	406.52	60.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	28,063.31	44,901.30	16,837.99	60.0%
17	Primary Substation	\$/Month	28,115.43	44,984.69	16,869.26	60.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	22.82	25.38	2.56	11.2%
25	Primary	\$/kW	22.26	24.92	2.66	11.9%
26	Secondary Substation	\$/kW	12.35	12.41	0.06	0.5%
27	Primary Substation	\$/kW	11.97	12.03	0.06	0.5%
28	Transmission	\$/kW	11.85	11.91	0.06	0.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.46	16.94	(2.52)	-12.9%
37	Primary	\$/kW	19.11	16.79	(2.32)	-12.1%
38	Secondary Substation	\$/kW	11.95	13.92	1.97	16.5%
39	Primary Substation	\$/kW	11.83	13.79	1.96	16.6%
40	Transmission	\$/kW	11.37	13.26	1.89	16.6%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.01	3.20	(3.81)	-54.4%
43	Primary	\$/kW	6.97	3.16	(3.81)	-54.7%
44	Secondary Substation	\$/kW	0.61	0.61	0.00	0.0%
45	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
46	Transmission	\$/kW	0.59	0.59	0.00	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07628	0.08378	0.00750	9.8%
81	Primary	\$/kWh	0.07627	0.08377	0.00750	9.8%
82	Secondary Substation	\$/kWh	0.07355	0.08092	0.00737	10.0%
83	Primary Substation	\$/kWh	0.07354	0.08091	0.00737	10.0%
84	Transmission	\$/kWh	0.07344	0.08081	0.00737	10.0%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.07610	0.08360	0.00750	9.9%
87	Primary	\$/kWh	0.07609	0.08359	0.00750	9.9%
88	Secondary Substation	\$/kWh	0.07337	0.08074	0.00737	10.0%
89	Primary Substation	\$/kWh	0.07336	0.08073	0.00737	10.0%
90	Transmission	\$/kWh	0.07328	0.08065	0.00737	10.1%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07421	0.08171	0.00750	10.1%
93	Primary	\$/kWh	0.07421	0.08171	0.00750	10.1%
94	Secondary Substation	\$/kWh	0.07148	0.07885	0.00737	10.3%
95	Primary Substation	\$/kWh	0.07148	0.07885	0.00737	10.3%
96	Transmission	\$/kWh	0.07148	0.07885	0.00737	10.3%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
99	Primary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
100	Secondary Substation	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
101	Primary Substation	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
102	Transmission	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
105	Primary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
106	Secondary Substation	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
107	Primary Substation	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
108	Transmission	\$/kWh	0.05303	0.04742	(0.00561)	-10.6%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.05575	0.05027	(0.00548)	-9.8%
111	Primary	\$/kWh	0.05575	0.05027	(0.00548)	-9.8%
112	Secondary Substation	\$/kWh	0.05302	0.04741	(0.00561)	-10.6%
113	Primary Substation	\$/kWh	0.05302	0.04741	(0.00561)	-10.6%
114	Transmission	\$/kWh	0.05302	0.04741	(0.00561)	-10.6%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	0.00	310.34	310.34	0.0%
5	Primary	\$/Month	0.00	150.50	150.50	0.0%
6	Secondary Substation	\$/Month	0.00	68,388.96	68,388.96	0.0%
7	Primary Substation	\$/Month	0.00	68,229.13	68,229.13	0.0%
8	Transmission	\$/Month	0.00	1,005.92	1,005.92	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	0.00	744.64	744.64	0.0%
11	Primary	\$/Month	0.00	174.24	174.24	0.0%
12	Secondary Substation	\$/Month	0.00	68,823.26	68,823.26	0.0%
13	Primary Substation	\$/Month	0.00	68,252.86	68,252.86	0.0%
14	Transmission	\$/Month	0.00	1,962.73	1,962.73	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	0.00	70,041.35	70,041.35	0.0%
17	Primary Substation	\$/Month	0.00	68,341.30	68,341.30	0.0%
18	Transmission Multiple Bus	\$/Month	0.00	3,000.00	3,000.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	0.00	1.23	1.23	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	0.00	3.17	3.17	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	0.00	1.22	1.22	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	0.00	3.13	3.13	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	0.00	26.54	26.54	0.0%
25	Primary	\$/kW	0.00	26.08	26.08	0.0%
26	Secondary Substation	\$/kW	0.00	13.02	13.02	0.0%
27	Primary Substation	\$/kW	0.00	12.64	12.64	0.0%
28	Transmission	\$/kW	0.00	12.52	12.52	0.0%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	0.00	17.45	17.45	0.0%
37	Primary	\$/kW	0.00	17.31	17.31	0.0%
38	Secondary Substation	\$/kW	0.00	17.39	17.39	0.0%
39	Primary Substation	\$/kW	0.00	17.25	17.25	0.0%
40	Transmission	\$/kW	0.00	16.57	16.57	0.0%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.00	0.66	0.66	0.0%
43	Primary	\$/kW	0.00	0.64	0.64	0.0%
44	Secondary Substation	\$/kW	0.00	0.61	0.61	0.0%
45	Primary Substation	\$/kW	0.00	0.59	0.59	0.0%
46	Transmission	\$/kW	0.00	0.59	0.59	0.0%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.00	0.25	0.25	0.0%
73	Primary	\$/kvar	0.00	0.25	0.25	0.0%
74	Secondary Substation	\$/kvar	0.00	0.25	0.25	0.0%
75	Primary Substation	\$/kvar	0.00	0.25	0.25	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.00000	0.10932	0.10932	0.0%
81	Primary	\$/kWh	0.00000	0.10885	0.10885	0.0%
82	Secondary Substation	\$/kWh	0.00000	0.10482	0.10482	0.0%
83	Primary Substation	\$/kWh	0.00000	0.10435	0.10435	0.0%
84	Transmission	\$/kWh	0.00000	0.10023	0.10023	0.0%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.00000	0.09310	0.09310	0.0%
87	Primary	\$/kWh	0.00000	0.09273	0.09273	0.0%
88	Secondary Substation	\$/kWh	0.00000	0.08860	0.08860	0.0%
89	Primary Substation	\$/kWh	0.00000	0.08823	0.08823	0.0%
90	Transmission	\$/kWh	0.00000	0.08483	0.08483	0.0%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.00000	0.07687	0.07687	0.0%
93	Primary	\$/kWh	0.00000	0.07667	0.07667	0.0%
94	Secondary Substation	\$/kWh	0.00000	0.07237	0.07237	0.0%
95	Primary Substation	\$/kWh	0.00000	0.07217	0.07217	0.0%
96	Transmission	\$/kWh	0.00000	0.06960	0.06960	0.0%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.00000	0.09811	0.09811	0.0%
99	Primary	\$/kWh	0.00000	0.09772	0.09772	0.0%
100	Secondary Substation	\$/kWh	0.00000	0.09361	0.09361	0.0%
101	Primary Substation	\$/kWh	0.00000	0.09322	0.09322	0.0%
102	Transmission	\$/kWh	0.00000	0.08964	0.08964	0.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.00000	0.08799	0.08799	0.0%
105	Primary	\$/kWh	0.00000	0.08767	0.08767	0.0%
106	Secondary Substation	\$/kWh	0.00000	0.08349	0.08349	0.0%
107	Primary Substation	\$/kWh	0.00000	0.08317	0.08317	0.0%
108	Transmission	\$/kWh	0.00000	0.08009	0.08009	0.0%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.00000	0.07742	0.07742	0.0%
111	Primary	\$/kWh	0.00000	0.07723	0.07723	0.0%
112	Secondary Substation	\$/kWh	0.00000	0.07292	0.07292	0.0%
113	Primary Substation	\$/kWh	0.00000	0.07273	0.07273	0.0%
114	Transmission	\$/kWh	0.00000	0.07013	0.07013	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	116.44	186.30	69.86	60.0%
5	Primary	\$/Month	31.40	50.24	18.84	60.0%
6	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
7	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
8	Transmission	\$/Month	169.34	270.94	101.60	60.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	465.74	744.64	278.90	59.9%
11	Primary	\$/Month	37.35	59.77	22.42	60.0%
12	Secondary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
13	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
14	Transmission	\$/Month	677.54	1,084.06	406.52	60.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	11.41	12.69	1.28	11.2%
22	Primary	\$/kW	11.13	12.46	1.33	11.9%
23	Secondary Substation	\$/kW	11.34	11.34	0.00	0.0%
24	Primary Substation	\$/kW	10.96	10.96	0.00	0.0%
25	Transmission	\$/kW	10.84	10.84	0.00	0.0%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.03	2.03	0.00	0.0%
34	Primary	\$/kW	1.96	1.96	0.00	0.0%
35	Secondary Substation		2.03	2.03	0.00	0.0%
36	Primary Substation	\$/kW	1.96	1.96	0.00	0.0%
37	Transmission	\$/kW	1.94	1.94	0.00	0.0%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.61	0.61	0.00	0.0%
40	Primary	\$/kW	0.59	0.59	0.00	0.0%
41	Secondary Substation		0.61	0.61	0.00	0.0%
42	Primary Substation	\$/kW	0.59	0.59	0.00	0.0%
43	Transmission	\$/kW	0.59	0.59	0.00	0.0%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation		0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.35986	0.33597	(0.02389)	-6.6%
53	Primary	\$/kWh	0.35908	0.33479	(0.02429)	-6.8%
54	Secondary Substation	\$/kWh	0.31252	0.29225	(0.02027)	-6.5%
55	Primary Substation	\$/kWh	0.31197	0.29184	(0.02013)	-6.5%
56	Transmission	\$/kWh	0.30726	0.28822	(0.01904)	-6.2%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.21050	0.20231	(0.00819)	-3.9%
59	Primary	\$/kWh	0.20981	0.20107	(0.00874)	-4.2%
60	Secondary Substation	\$/kWh	0.16316	0.15859	(0.00457)	-2.8%
61	Primary Substation	\$/kWh	0.16270	0.15812	(0.00458)	-2.8%
62	Transmission	\$/kWh	0.15855	0.15381	(0.00474)	-3.0%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.18280	0.15582	(0.02698)	-14.8%
65	Primary	\$/kWh	0.18231	0.15488	(0.02743)	-15.0%
66	Secondary Substation	\$/kWh	0.13546	0.11210	(0.02336)	-17.2%
67	Primary Substation	\$/kWh	0.13520	0.11193	(0.02327)	-17.2%
68	Transmission	\$/kWh	0.13230	0.10968	(0.02262)	-17.1%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.15849	0.13122	(0.02727)	-17.2%
71	Primary	\$/kWh	0.15778	0.13011	(0.02767)	-17.5%
72	Secondary Substation	\$/kWh	0.11115	0.08750	(0.02365)	-21.3%
73	Primary Substation	\$/kWh	0.11067	0.08716	(0.02351)	-21.2%
74	Transmission	\$/kWh	0.10645	0.08402	(0.02243)	-21.1%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.14403	0.12235	(0.02168)	-15.1%
77	Primary	\$/kWh	0.14343	0.12131	(0.02212)	-15.4%
78	Secondary Substation	\$/kWh	0.09669	0.07863	(0.01806)	-18.7%
79	Primary Substation	\$/kWh	0.09632	0.07836	(0.01796)	-18.6%
80	Transmission	\$/kWh	0.09285	0.07566	(0.01719)	-18.5%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.12412	0.11310	(0.01102)	-8.9%
83	Primary	\$/kWh	0.12368	0.11216	(0.01152)	-9.3%
84	Secondary Substation	\$/kWh	0.07678	0.06938	(0.00740)	-9.6%
85	Primary Substation	\$/kWh	0.07657	0.06921	(0.00736)	-9.6%
86	Transmission	\$/kWh	0.07399	0.06694	(0.00705)	-9.5%



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	116.44	186.30	69.86	60.0%
4	Primary	\$/Month	31.40	50.24	18.84	60.0%
5	Transmission	\$/Month	169.34	270.94	101.60	60.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	23.77	25.38	1.61	6.8%
8	Primary	\$/kW	23.19	24.93	1.74	7.5%
9	Transmission	\$/kW	10.84	10.84	0.00	0.0%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	19.40	16.94	(2.46)	-12.7%
16	Primary	\$/kW	19.17	16.80	(2.37)	-12.4%
17	Transmission	\$/kW	11.37	13.26	1.89	16.6%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	8.06	3.20	(4.86)	-60.3%
20	Primary	\$/kW	7.93	3.17	(4.76)	-60.0%
21	Transmission	\$/kW	0.59	0.59	0.00	0.0%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.12004	0.11331	(0.00673)	-5.6%
28	Primary	\$/kWh	0.11948	0.11283	(0.00665)	-5.6%
29	Transmission	\$/kWh	0.11478	0.10853	(0.00625)	-5.4%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.11116	0.09642	(0.01474)	-13.3%
32	Primary	\$/kWh	0.11071	0.09603	(0.01468)	-13.3%
33	Transmission	\$/kWh	0.10655	0.09249	(0.01406)	-13.2%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.08445	0.07958	(0.00487)	-5.8%
36	Primary	\$/kWh	0.08420	0.07937	(0.00483)	-5.7%
37	Transmission	\$/kWh	0.08130	0.07669	(0.00461)	-5.7%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.11115	0.10172	(0.00943)	-8.5%
40	Primary	\$/kWh	0.11067	0.10131	(0.00936)	-8.5%
41	Transmission	\$/kWh	0.10645	0.09758	(0.00887)	-8.3%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.09669	0.09117	(0.00552)	-5.7%
44	Primary	\$/kWh	0.09632	0.09084	(0.00548)	-5.7%
45	Transmission	\$/kWh	0.09285	0.08762	(0.00523)	-5.6%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.07678	0.08015	0.00337	4.4%
48	Primary	\$/kWh	0.07657	0.07995	0.00338	4.4%
49	Transmission	\$/kWh	0.07399	0.07725	0.00326	4.4%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	116.44	186.30	69.86	60.0%
53	Primary	\$/Month	31.40	50.24	18.84	60.0%
54	Transmission	\$/Month	169.34	270.94	101.60	60.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	23.77	25.38	1.61	6.8%
57	Primary	\$/kW	23.19	24.93	1.74	7.5%
58	Transmission	\$/kW	10.84	10.84	0.00	0.0%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	19.40	16.94	(2.46)	-12.7%
65	Primary	\$/kW	19.17	16.80	(2.37)	-12.4%
66	Transmission	\$/kW	11.37	13.26	1.89	16.6%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	8.06	3.20	(4.86)	-60.3%
69	Primary	\$/kW	7.93	3.17	(4.76)	-60.0%
70	Transmission	\$/kW	0.59	0.59	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.07628	0.08378	0.00750	9.8%
77	Primary	\$/kWh	0.07627	0.08377	0.00750	9.8%
78	Transmission	\$/kWh	0.07617	0.08367	0.00750	9.8%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.07610	0.08360	0.00750	9.9%
81	Primary	\$/kWh	0.07609	0.08359	0.00750	9.9%
82	Transmission	\$/kWh	0.07601	0.08351	0.00750	9.9%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.07421	0.08171	0.00750	10.1%
85	Primary	\$/kWh	0.07421	0.08171	0.00750	10.1%
86	Transmission	\$/kWh	0.07421	0.08171	0.00750	10.1%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
89	Primary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
90	Transmission	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
93	Primary	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
94	Transmission	\$/kWh	0.05576	0.05028	(0.00548)	-9.8%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.05575	0.05027	(0.00548)	-9.8%
97	Primary	\$/kWh	0.05575	0.05027	(0.00548)	-9.8%
98	Transmission	\$/kWh	0.05575	0.05027	(0.00548)	-9.8%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	37.35	59.77	22.42	60.0%
5	Primary Substation	\$/Month	16,630.12	26,608.19	9,978.07	60.0%
6	Transmission	\$/Month	1,206.96	1,931.13	724.17	60.0%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	28,115.43	44,984.69	16,869.26	60.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	23.87	26.60	2.73	11.4%
12	Primary Substation	\$/kW	12.57	12.64	0.07	0.6%
13	Transmission	\$/KW	12.45	12.52	0.07	0.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/kW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	20.59	17.21	(3.38)	-16.4%
20	Primary Substation	\$/kW	12.24	14.20	1.96	16.0%
21	Transmission	\$/KW	11.78	13.67	1.89	16.0%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	7.99	3.22	(4.77)	-59.7%
24	Primary Substation	\$/kW	0.64	0.64	0.00	0.0%
25	Transmission	\$/KW	0.64	0.64	0.00	0.0%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.11515	0.10833	(0.00682)	-5.9%
32	Primary Substation	\$/kWh	0.11515	0.10833	(0.00682)	-5.9%
33	Transmission	\$/kWh	0.11045	0.10403	(0.00642)	-5.8%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.10638	0.09153	(0.01485)	-14.0%
36	Primary Substation	\$/kWh	0.10638	0.09153	(0.01485)	-14.0%
37	Transmission	\$/kWh	0.10222	0.08799	(0.01423)	-13.9%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.07987	0.07487	(0.00500)	-6.3%
40	Primary Substation	\$/kWh	0.07987	0.07487	(0.00500)	-6.3%
41	Transmission	\$/kWh	0.07697	0.07219	(0.00478)	-6.2%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.10634	0.09681	(0.00953)	-9.0%
44	Primary Substation	\$/kWh	0.10634	0.09681	(0.00953)	-9.0%
45	Transmission	\$/kWh	0.10212	0.09308	(0.00904)	-8.9%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.09199	0.08634	(0.00565)	-6.1%
48	Primary Substation	\$/kWh	0.09199	0.08634	(0.00565)	-6.1%
49	Transmission	\$/kWh	0.08852	0.08312	(0.00540)	-6.1%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.07224	0.07545	0.00321	4.4%
52	Primary Substation	\$/kWh	0.07224	0.07545	0.00321	4.4%
53	Transmission	\$/kWh	0.06966	0.07275	0.00309	4.4%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	13.04	13.24	0.20	1.5%
4	Primary	\$/kW	12.80	13.00	0.20	1.6%
5	Secondary Substation	\$/kW	5.63	5.63	0.00	0.0%
6	Primary Substation	\$/kW	5.43	5.43	0.00	0.0%
7	Transmission	\$/kW	5.38	5.38	0.00	0.0%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	19.12	30.59	11.47	60.0%
4	5-20 kW	\$/Month	19.12	30.59	11.47	60.0%
5	20-50 kW	\$/Month	19.12	30.59	11.47	60.0%
6	> 50 kW	\$/Month	19.12	30.59	11.47	60.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.44964	0.38253	(0.06711)	-14.9%
15	Semi-Peak	\$/kWh	0.26995	0.20497	(0.06498)	-24.1%
16	Off-Peak	\$/kWh	0.24521	0.15870	(0.08651)	-35.3%
17	Winter					
18	On-Peak	\$/kWh	0.21864	0.17730	(0.04134)	-18.9%
19	Semi-Peak	\$/kWh	0.20569	0.16843	(0.03726)	-18.1%
20	Off-Peak	\$/kWh	0.18785	0.15919	(0.02866)	-15.3%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	65.93	105.49	39.56	60.0%
4	Primary	\$/Month	65.93	105.49	39.56	60.0%
5	Transmission	\$/Month	65.93	105.49	39.56	60.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.85	4.85	0.00	0.0%
8	Primary	\$/kW	4.70	4.70	0.00	0.0%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	12.67	9.85	(2.82)	-22.3%
12	Primary	\$/kW	12.60	9.80	(2.80)	-22.2%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	5.38	6.92	1.54	28.6%
17	Primary	\$/kW	5.35	6.89	1.54	28.8%
18	Transmission	\$/kW	5.12	6.59	1.47	28.7%
19	Option D					
20	Secondary	\$/kW	5.38	6.92	1.54	28.6%
21	Primary	\$/kW	5.35	6.89	1.54	28.8%
22	Transmission	\$/kW	5.12	6.59	1.47	28.7%
23	Option E					
24	Secondary	\$/kW	5.38	6.92	1.54	28.6%
25	Primary	\$/kW	5.35	6.89	1.54	28.8%
26	Transmission	\$/kW	5.12	6.59	1.47	28.7%
27	Option F					
28	Secondary	\$/kW	5.38	6.92	1.54	28.6%
29	Primary	\$/kW	5.35	6.89	1.54	28.8%
30	Transmission	\$/kW	5.12	6.59	1.47	28.7%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.10831	0.11003	0.00172	1.6%
54	Primary	\$/kWh	0.10782	0.10956	0.00174	1.6%
55	Transmission	\$/kWh	0.10360	0.10537	0.00177	1.7%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.10310	0.09336	(0.00974)	-9.4%
58	Primary	\$/kWh	0.10267	0.09298	(0.00969)	-9.4%
59	Transmission	\$/kWh	0.09883	0.08953	(0.00930)	-9.4%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07570	0.07853	0.00283	3.7%
62	Primary	\$/kWh	0.07548	0.07832	0.00284	3.8%
63	Transmission	\$/kWh	0.07291	0.07565	0.00274	3.8%

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10214	0.10060	(0.00154)	-1.5%
66	Primary	\$/kWh	0.10170	0.10019	(0.00151)	-1.5%
67	Transmission	\$/kWh	0.09785	0.09647	(0.00138)	-1.4%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.08893	0.09008	0.00115	1.3%
70	Primary	\$/kWh	0.08859	0.08975	0.00116	1.3%
71	Transmission	\$/kWh	0.08542	0.08655	0.00113	1.3%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.07074	0.07910	0.00836	11.8%
74	Primary	\$/kWh	0.07054	0.07891	0.00837	11.9%
75	Transmission	\$/kWh	0.06818	0.07621	0.00803	11.8%
1	<b>SCHEDULE PA</b>					
2	Less than 20 kW					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	29.16	10.93	60.0%
5	Primary	\$/Month	18.23	29.16	10.93	60.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.18857	0.19476	0.00619	3.3%
22	Primary	\$/kWh	0.18857	0.19419	0.00562	3.0%
23	Winter					
24	Secondary	\$/kWh	0.15523	0.14806	(0.00717)	-4.6%
25	Primary	\$/kWh	0.15523	0.14756	(0.00767)	-4.9%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	21.87	34.99	13.12	60.0%
29	Primary	\$/Month	21.87	34.99	13.12	60.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	0.00	2.89	2.89	0.0%
32	Primary	\$/kW	0.00	2.87	2.87	0.0%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.18857	0.18108	(0.00749)	-4.0%
46	Primary	\$/kWh	0.18857	0.18058	(0.00799)	-4.2%
47	Winter					
48	Secondary	\$/kWh	0.15523	0.13438	(0.02085)	-13.4%
49	Primary	\$/kWh	0.15523	0.13395	(0.02128)	-13.7%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	18.23	29.16	10.93	60.0%
5	Primary	\$/Month	18.23	29.16	10.93	60.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.25673	0.30322	0.04649	18.1%
23	Primary	\$/kWh	0.25673	0.30189	0.04516	17.6%
24	Semi-Peak					
25	Secondary	\$/kWh	0.21985	0.19476	(0.02509)	-11.4%
26	Primary	\$/kWh	0.21985	0.19395	(0.02590)	-11.8%
27	Off-Peak					
28	Secondary	\$/kWh	0.18069	0.13893	(0.04176)	-23.1%
29	Primary	\$/kWh	0.18069	0.13839	(0.04230)	-23.4%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.15696	0.15083	(0.00613)	-3.9%
33	Primary	\$/kWh	0.15696	0.15026	(0.00670)	-4.3%
34	Semi-Peak					
35	Secondary	\$/kWh	0.14691	0.14265	(0.00426)	-2.9%
36	Primary	\$/kWh	0.14691	0.14214	(0.00477)	-3.2%
37	Off-Peak					
38	Secondary	\$/kWh	0.13299	0.13412	0.00113	0.8%
39	Primary	\$/kWh	0.13299	0.13371	0.00072	0.5%

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	21.87	34.99	13.12	60.0%
43	Primary	\$/Month	21.87	34.99	13.12	60.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	2.89	2.89	0.0%
46	Primary	\$/kW	0.00	2.87	2.87	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	3.57	3.87	0.30	8.4%
53	Primary	\$/kW	3.57	3.85	0.28	7.8%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.23658	0.19449	(0.04209)	-17.8%
61	Primary	\$/kWh	0.23658	0.19370	(0.04288)	-18.1%
62	Semi-Peak					
63	Secondary	\$/kWh	0.20409	0.17306	(0.03103)	-15.2%
64	Primary	\$/kWh	0.20409	0.17237	(0.03172)	-15.5%
65	Off-Peak					
66	Secondary	\$/kWh	0.16966	0.15398	(0.01568)	-9.2%
67	Primary	\$/kWh	0.16966	0.15337	(0.01629)	-9.6%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.16582	0.14358	(0.02224)	-13.4%
71	Primary	\$/kWh	0.16582	0.14302	(0.02280)	-13.7%
72	Semi-Peak					
73	Secondary	\$/kWh	0.15450	0.13464	(0.01986)	-12.9%
74	Primary	\$/kWh	0.15450	0.13413	(0.02037)	-13.2%
75	Off-Peak					
76	Secondary	\$/kWh	0.13880	0.12531	(0.01349)	-9.7%
77	Primary	\$/kWh	0.13880	0.12485	(0.01395)	-10.1%



**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE		CHANGE (E)	% CHANGE (F)
			8/1/2016 TOTAL PRESENT RATE (C)	TOTAL PROPOSED YEAR 3 RATE (D)		
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	29.16	29.16	0.0%
5	Primary	\$/Month	0.00	29.16	29.16	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00	0.30322	0.30322	0.0%
23	Primary	\$/kWh	0.00	0.30189	0.30189	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00	0.17214	0.17214	0.0%
29	Primary	\$/kWh	0.00	0.17145	0.17145	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00	0.15083	0.15083	0.0%
33	Primary	\$/kWh	0.00	0.15026	0.15026	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00	0.13917	0.13917	0.0%
39	Primary	\$/kWh	0.00	0.13863	0.13863	0.0%

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	8/1/2016 TOTAL PRESENT RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.22	7.22	0.0%
46	Primary	\$/kW	0.00	7.18	7.18	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13318	0.13318	0.0%
61	Primary	\$/kWh	0.00000	0.13270	0.13270	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11607	0.11607	0.0%
64	Primary	\$/kWh	0.00000	0.11567	0.11567	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10085	0.10085	0.0%
67	Primary	\$/kWh	0.00000	0.10052	0.10052	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10774	0.10774	0.0%
71	Primary	\$/kWh	0.00000	0.10737	0.10737	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09880	0.09880	0.0%
74	Primary	\$/kWh	0.00000	0.09848	0.09848	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08947	0.08947	0.0%
77	Primary	\$/kWh	0.00000	0.08920	0.08920	0.0%

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP  
 Hours per year  
 4,165  
 Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 3			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
1			LS-1, Mercury Vapor, Class A, Reactor Ballast														
2	0.192	67	175	7000	12.58	4.73887	17.32	12.63	6.25173	18.88	0.05	1.51286	1.56	0.4%	31.9%	9.0%	
3			LS-1, Mercury Vapor, Class A, Regulator Ballast														
4	0.210	73	175	7000	13.01	5.16325	18.17	12.91	6.81159	19.72	(0.10)	1.64834	1.55	-0.8%	31.9%	8.5%	
5	0.460	160	400	20000	21.72	11.3167	33.04	20.2	14.9295	35.13	(1.52)	3.61280	2.09	-7.0%	31.9%	6.3%	
6			LS-1, HPSV, Class A, Reactor Ballast														
7	0.083	29	70	5800	9.50	2.47553	11.98	10.75	2.70597	13.46	1.25	0.23044	1.48	13.2%	9.3%	12.4%	
8	0.117	41	100	9500	10.51	3.46574	13.98	11.52	3.82569	15.35	1.01	0.35995	1.37	9.6%	10.4%	9.8%	
9	0.171	59	150	16000	11.83	4.73887	16.57	12.39	5.50526	17.90	0.56	0.76639	1.33	4.7%	16.2%	8.0%	
10			LS-1, HPSV, Class B, Regulator Ballast														
11	0.246	85	200	22000	14.19	6.012	20.20	14.43	7.9313	22.36	0.24	1.91930	2.16	1.7%	31.9%	10.7%	
12	0.313	109	250	30000	15.97	7.70951	23.68	16.18	10.1707	26.35	0.21	2.46122	2.67	1.3%	31.9%	11.3%	
13	0.476	165	400	50000	19.74	11.6704	31.41	18.59	15.3961	33.99	(1.15)	3.72570	2.58	-5.8%	31.9%	8.2%	
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast														
15	0.083	29	70	5800	12.50	2.47553	14.98	10.89	2.70597	13.60	(1.61)	0.23044	(1.38)	-12.9%	9.3%	-9.2%	
16	0.117	41	100	9500	13.33	3.46574	16.80	11.71	3.82569	15.54	(1.62)	0.35995	(1.26)	-12.2%	10.4%	-7.5%	
17	0.171	59	150	16000	14.56	4.73887	19.30	12.45	5.50526	17.96	(2.11)	0.76639	(1.34)	-14.5%	16.2%	-6.9%	
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast														
19	0.246	85	200	22000	16.15	6.012	22.16	14.47	7.9313	22.40	(1.68)	1.91930	0.24	-10.4%	31.9%	1.1%	
20	0.313	109	250	30000	17.93	7.70951	25.64	16.23	10.1707	26.40	(1.70)	2.46122	0.76	-9.5%	31.9%	3.0%	
21	0.476	165	400	50000	23.20	11.6704	34.87	18.53	15.3961	33.93	(4.67)	3.72570	(0.94)	-20.1%	31.9%	-2.7%	
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast														
23	0.083	29	70	5800	11.38	2.47553	13.86	9.74	2.70597	12.45	(1.64)	0.23044	(1.41)	-14.4%	9.3%	-10.1%	
24	0.117	41	100	9500	12.30	3.46574	15.77	10.53	3.82569	14.36	(1.77)	0.35995	(1.41)	-14.4%	10.4%	-8.9%	
25	0.171	59	150	16000	13.55	4.73887	18.29	11.38	5.50526	16.89	(2.17)	0.76639	(1.40)	-16.0%	16.2%	-7.6%	
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast														
27	0.246	85	200	22000	15.02	6.012	21.03	13.42	7.9313	21.35	(1.60)	1.91930	0.32	-10.7%	31.9%	1.5%	
28	0.313	109	250	30000	16.89	7.70951	24.60	15.26	10.1707	25.43	(1.63)	2.46122	0.83	-9.7%	31.9%	3.4%	
29	0.476	165	400	50000	22.20	11.6704	33.87	17.58	15.3961	32.98	(4.62)	3.72570	(0.89)	-20.8%	31.9%	-2.6%	
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast														
31	0.083	29	70	5800	18.60	2.47553	21.08	15.58	2.70597	18.29	(3.02)	0.23044	(2.79)	-16.2%	9.3%	-13.2%	
32	0.117	41	100	9500	19.35	3.46574	22.82	16.23	3.82569	20.06	(3.12)	0.35995	(2.76)	-16.1%	10.4%	-12.1%	
33	0.171	59	150	16000	20.55	4.73887	25.29	16.99	5.50526	22.50	(3.56)	0.76639	(2.79)	-17.3%	16.2%	-11.0%	
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast														
35	0.246	85	200	22000	23.40	6.012	29.41	20.02	7.9313	27.95	(3.38)	1.91930	(1.46)	-14.4%	31.9%	-5.0%	
36	0.313	109	250	30000	25.02	7.70951	32.73	21.17	10.1707	31.34	(3.85)	2.46122	(1.39)	-15.4%	31.9%	-4.2%	
37	0.476	165	400	50000	32.47	11.6704	44.14	25.57	15.3961	40.97	(6.90)	3.72570	(3.17)	-21.3%	31.9%	-7.2%	
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast														
39	0.083	29	70	5800	8.37	2.47553	10.85	10.61	2.70597	13.32	2.24	0.23044	2.47	26.8%	9.3%	22.8%	
40	0.117	41	100	9500	9.30	3.46574	12.77	11.2	3.82569	15.03	1.90	0.35995	2.26	20.4%	10.4%	17.7%	
41	0.171	59	150	16000	10.52	4.73887	15.26	12.36	5.50526	17.87	1.84	0.76639	2.61	17.5%	16.2%	17.1%	
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast														
43	0.246	85	200	22000	12.98	6.012	18.99	13.79	7.9313	21.72	0.81	1.91930	2.73	6.2%	31.9%	14.4%	
44	0.313	109	250	30000	14.85	7.70951	22.56	16.21	10.1707	26.38	1.36	2.46122	3.82	9.2%	31.9%	16.9%	
45	0.476	165	400	50000	17.38	11.6704	29.05	18.02	15.3961	33.42	0.64	3.72570	4.37	3.7%	31.9%	15.0%	
46			LS-1, LPSV, Class A														
47	0.088	31	55	8000	11.99	2.19261	14.18	14.84	2.89259	17.73	2.85	0.69998	3.55	23.8%	31.9%	25.0%	
48	0.145	50	90	13500	13.74	3.53647	17.28	16.78	4.66547	21.45	3.04	1.12900	4.17	22.1%	31.9%	24.2%	
49	0.206	71	135	22500	15.50	5.02179	20.52	18.25	6.62497	24.87	2.75	1.60318	4.35	17.7%	31.9%	21.2%	
50	0.235	82	180	33000	16.80	5.79981	22.60	20.69	7.65137	28.34	3.89	1.85156	5.74	23.2%	31.9%	25.4%	
51			LS-1, LPSV, Class B, 1-Lamp														
52	0.088	31	55	8000	14.65	2.19261	16.84	15.01	2.89259	17.90	0.36	0.69998	1.06	2.5%	31.9%	6.3%	
53	0.145	50	90	13500	16.09	3.53647	19.63	16.95	4.66547	21.62	0.86	1.12900	1.99	5.3%	31.9%	10.2%	
54	0.206	71	135	22500	18.36	5.02179	23.38	18.39	6.62497	25.01	0.03	1.60318	1.63	0.2%	31.9%	7.0%	
55	0.235	82	180	33000	18.73	5.79981	24.53	20.82	7.65137	28.47	2.09	1.85156	3.94	11.2%	31.9%	16.1%	
56			LS-1, LPSV, Class B, 2-Lamp														
57	0.088	31	55	8000	14.08	2.19261	16.27	14.37	2.89259	17.26	0.29	0.69998	0.99	2.1%	31.9%	6.1%	
58	0.145	50	90	13500	15.59	3.53647	19.13	16.31	4.66547	20.98	0.72	1.12900	1.85	4.6%	31.9%	9.7%	
59	0.206	71	135	22500	17.78	5.02179	22.80	17.98	6.62497	24.60	0.20	1.60318	1.80	1.1%	31.9%	7.9%	
60	0.235	82	180	33000	18.21	5.79981	24.01	20.41	7.65137	28.06	2.20	1.85156	4.05	12.1%	31.9%	16.9%	
61			LS-1, LPSV, Class C, 1-Lamp														
62	0.088	31	55	8000	20.62	2.19261	22.81	18.09	2.89259	20.98	(2.53)	0.69998	(1.83)	-12.3%	31.9%	-8.0%	
63	0.145	50	90	13500	21.99	3.53647	25.53	19.36	4.66547	24.03	(2.63)	1.12900	(1.50)	-12.0%	31.9%	-5.9%	
64	0.206	71	135	22500	25.34	5.02179	30.36	22.09	6.62497	28.71	(3.25)	1.60318	(1.65)	-12.8%	31.9%	-5.4%	
65	0.235	82	180	33000	26.72	5.79981	32.52	23.09	7.65137	30.74	(3.63)	1.85156	(1.78)	-13.6%	31.9%	-5.5%	
66			LS-1, LPSV, Class C, 2-Lamp														
67	0.088	31	55	8000	11.98	2.19261	14.17	14.47	2.89259	17.36	2.49	0.69998	3.19	20.8%	31.9%	22.5%	
68	0.145	50	90	13500	14.83	3.53647	18.37	16.44	4.66547	21.11	1.61	1.12900	2.74	10.9%	31.9%	14.9%	
69	0.206	71	135	22500	15.93	5.02179	20.95	18.31	6.62497	24.93	2.38	1.60318	3.98	14.9%	31.9%	19.0%	
70	0.235	82	180	33000	16.50	5.79981	22.30	20.48	7.65137	28.13	3.98	1.85156	5.83	24.1%	31.9%	26.1%	
7																	

REBUTTAL ATTACHMENT J

COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP  
 Hours per year  
 4,165  
 Hours per month  
 347

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 3			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
101	0.780	271	700	35000													
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast														
103	0.210	73	175	7000	6.61	5.16325	11.77	6.49	6.81159	13.30	(0.12)	1.64834	1.53	-1.8%	31.9%	13.0%	
104	0.292	101	250	10000	8.60	7.14367	15.74	7.83	9.42425	17.25	(0.77)	2.28058	1.51	-9.0%	31.9%	9.6%	
105	0.460	160	400	20000	12.65	11.3167	23.97	10.65	14.9295	25.58	(2.00)	3.61280	1.61	-15.8%	31.9%	6.7%	
106			LS-2, Mercury Vapor, Rate B, Series Service														
107	0.207	72	175	7000	7.42	5.09252	12.51	7.32	6.71828	14.04	(0.10)	1.62576	1.53	-1.3%	31.9%	12.2%	
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast														
109	0.058	20	50	4000	1.40	1.41459	2.81	2.47	1.86619	4.34	1.07	0.45160	1.53	76.4%	31.9%	54.2%	
110	0.101	35	70	5800	2.44	2.47553	4.92	3.18	3.26583	6.45	0.74	0.79030	1.53	30.3%	31.9%	31.2%	
111	0.141	49	100	9500	3.41	3.46574	6.88	3.85	4.57216	8.42	0.44	1.10642	1.54	12.9%	31.9%	22.5%	
112	0.193	67	150	16000	4.69	4.73887	9.43	4.73	6.25173	10.98	0.04	1.51286	1.55	0.9%	31.9%	16.5%	
113	0.246	85	200	22000	5.96	6.012	11.97	5.59	7.9313	13.52	(0.37)	1.91930	1.55	-6.2%	31.9%	12.9%	
114	0.313	109	250	30000	7.59	7.70951	15.30	6.71	10.1707	16.88	(0.88)	2.46122	1.58	-11.6%	31.9%	10.3%	
115	0.383	133	310	37000	9.26	9.40702	18.67	7.87	12.4102	20.28	(1.39)	3.00314	1.61	-15.0%	31.9%	8.0%	
116	0.476	165	400	50000	11.52	11.6704	23.19	9.41	15.3961	24.81	(2.11)	3.72570	1.62	-18.3%	31.9%	7.6%	
117	1.102	382	1000	140000	26.68	27.0187	53.70	19.8	35.6442	55.44	(6.88)	8.62556	1.74	-25.8%	31.9%	3.2%	
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast														
119	0.050	17	50	4000	1.21	1.2024	2.41	2.33	1.58626	3.92	1.12	0.38386	1.51	92.6%	31.9%	62.5%	
120	0.083	29	70	5800	2.01	2.05115	4.06	2.89	2.70597	5.60	0.88	0.65482	1.54	43.8%	31.9%	37.9%	
121	0.117	41	100	9500	2.82	2.89991	5.72	3.46	3.82569	7.29	0.64	0.92578	1.57	22.7%	31.9%	27.4%	
122	0.171	59	150	16000	4.15	4.17304	8.32	4.35	5.50526	9.86	0.20	1.33222	1.54	4.8%	31.9%	18.5%	
123			LS-2, HPSV, Rate A, Series Service														
124	0.064	22	50	4000	1.82	1.55605	3.38	3.44	2.05281	5.49	1.62	0.49676	2.11	89.0%	31.9%	62.6%	
125	0.108	37	70	5800	3.05	2.61699	5.70	4.16	3.45245	7.61	1.08	0.83546	1.91	35.1%	31.9%	33.6%	
126	0.121	42	100	9500	3.45	2.97064	6.42	4.4	3.91900	8.32	0.95	0.94836	1.90	27.5%	31.9%	29.6%	
127	0.174	60	150	16000	4.97	4.24377	9.21	5.28	5.59857	10.88	0.31	1.35480	1.67	6.2%	31.9%	18.1%	
128	0.233	81	200	22000	6.65	5.72908	12.38	6.27	7.55806	13.83	(0.38)	1.82898	1.45	-5.7%	31.9%	11.7%	
129	0.313	109	250	30,000	8.93	7.70951	16.64	7.59	10.1707	17.76	(1.34)	2.46122	1.12	-15.0%	31.9%	6.7%	
130			LS-2, HPSV, Rate B, Regulator Ballast														
131	0.058	20	50	4000	2.92	1.41459	4.33	3.96	1.86619	5.83	1.04	0.45160	1.50	35.6%	31.9%	34.5%	
132	0.101	35	70	5800	3.96	2.47553	6.44	4.66	3.26583	7.93	0.70	0.79030	1.49	17.7%	31.9%	23.2%	
133	0.141	49	100	9500	4.92	3.46574	8.39	5.34	4.57216	9.91	0.42	1.10642	1.52	8.5%	31.9%	18.2%	
134	0.193	67	150	16000	6.20	4.73887	10.94	6.22	6.25173	12.47	0.02	1.51286	1.53	0.3%	31.9%	14.0%	
135	0.246	85	200	22000	7.48	6.012	13.49	7.08	7.9313	15.01	(0.40)	1.91930	1.52	-5.3%	31.9%	11.3%	
136	0.313	109	250	30000	9.10	7.70951	16.81	8.2	10.1707	18.37	(0.90)	2.46122	1.56	-9.9%	31.9%	9.3%	
137	0.383	133	310	37000	10.77	9.40702	20.18	9.36	12.4102	21.77	(1.41)	3.00314	1.59	-13.1%	31.9%	7.9%	
138	0.476	165	400	50000	13.03	11.6704	24.70	10.9	15.3961	26.30	(2.13)	3.72570	1.60	-16.3%	31.9%	6.5%	
139	1.102	382	1000	140000	28.20	27.0187	55.22	21.28	35.6442	56.92	(6.92)	8.62556	1.70	-24.5%	31.9%	3.1%	
140			LS-2, HPSV, Rate B, Reactor Ballast														
141	0.050	17	50	4000	2.73	1.2024	3.93	3.82	1.58626	5.41	1.09	0.38386	1.48	39.9%	31.9%	37.6%	
142	0.083	29	70	5800	3.53	2.05115	5.58	4.38	2.70597	7.09	0.85	0.65482	1.51	24.1%	31.9%	27.0%	
143	0.117	41	100	9500	4.34	2.89991	7.24	4.95	3.82569	8.78	0.61	0.92578	1.54	14.1%	31.9%	21.3%	
144	0.171	59	150	16000	5.67	4.17304	9.84	5.84	5.50526	11.35	0.17	1.33222	1.51	3.0%	31.9%	15.3%	
145			LS-2, HPSV, Rate B, Series Service														
146	0.064	22	50	4000	3.34	1.55605	4.90	4.93	2.05281	6.98	1.59	0.49676	2.08	47.6%	31.9%	42.6%	
147	0.108	37	70	5800	4.60	2.61699	7.22	5.65	3.45245	9.10	1.08	0.83546	1.88	22.8%	31.9%	26.1%	
148	0.121	42	100	9500	4.96	2.97064	7.93	5.89	3.91900	9.81	0.93	0.94836	1.88	18.8%	31.9%	23.7%	
149	0.174	60	150	16000	6.49	4.24377	10.73	6.77	5.59857	12.37	0.28	1.35480	1.64	4.3%	31.9%	15.2%	
150	0.233	81	200	22000	8.17	5.72908	13.90	7.76	7.55806	15.32	(0.41)	1.82898	1.42	-5.0%	31.9%	10.2%	
151	0.313	109	250	30,000	10.45	7.70951	18.16	9.08	10.1707	19.25	(1.37)	2.46122	1.09	-13.1%	31.9%	6.0%	
152			LS-2, LPSV, Rate A														
153	0.067	23	35	4800	1.62	1.62679	3.25	2.62	2.14612	4.77	1.00	0.51934	1.52	61.7%	31.9%	46.9%	
154	0.088	31	55	8000	2.13	2.19261	4.32	2.97	2.89259	5.86	0.84	0.69998	1.54	39.4%	31.9%	35.6%	
155	0.145	50	90	13500	3.51	3.53647	7.05	3.92	4.66547	8.59	0.41	1.12900	1.54	11.7%	31.9%	21.9%	
156	0.206	71	135	22500	5.00	5.02179	10.02	4.93	6.62497	11.55	(0.07)	1.60318	1.53	-1.4%	31.9%	15.2%	
157	0.235	82	180	33000	5.69	5.79981	11.49	5.42	7.65137	13.07	(0.27)	1.85156	1.58	-4.7%	31.9%	13.8%	
158			LS-2, LPSV, Rate A, Series Service														
159	0.050	17	35	4800	1.42	1.2024	2.62	3.21	1.58626	4.80	1.79	0.38386	2.18	126.1%	31.9%	83.0%	
160	0.072	25	55	8000	2.06	1.76824	3.83	3.59	2.33274	5.92	1.53	0.56450	2.09	74.3%	31.9%	54.6%	
161	0.130	45	90	13500	3.71	3.18282	6.89	4.54	4.19892	8.74	0.83	1.01610	1.85	22.4%	31.9%	26.8%	
162	0.185	64	135	22500	5.28	4.52668	9.81	5.47	5.9718	11.44	0.19	1.44512	1.63	3.6%	31.9%	16.7%	
163	0.219	76	180	33000	6.25	5.37544	11.63	6.02	7.09152	13.11	(0.23)	1.71608	1.48	-3.7%	31.9%	12.8%	
164			LS-2, Incandescent Lamps, Rate A, Energy Only														
165	0.073	25	1,000		1.77	1.76824	3.54	2.72	2.33274	5.05	0.95	0.56450	1.51	53.7%	31.9%	42.7%	
166	0.162	56	2,500		3.92	3.96085	7.88	4.21	5.22533	9.44	0.29	1.26448	1.56	7.4%	31.9%	19.8%	
167	0.295	102	4,000		7.16	7.2144	14.37	6.4	9.51756	15.92	(0.76)	2.30316	1.55	-10.6%	31.9%	10.8%	
168	0.405	141	6,000		9.80	9.97285	19.77	8.24	13.1566	21.40	(1.56)	3.18378	1.63	-15.9%	31.9%	8.2%	
169	0.608	211	10,000		14.71	14.9239	29.63	11.61	19.6883	31.							

## REBUTTAL ATTACHMENT J

### COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

SUMMARY OF USAGE/LAMP  
Hours per year  
4,165  
Hours per month  
347

LINE NO	Average Energy Use kWh/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 3			Change		% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate
202	0.0025	1	2.5		0.08	0.07073	0.15	1.55	0.09331	1.64	1.47	0.02258	1.49	1837.5%	31.9%	888.0%
203	0.0075	3	7.5		0.23	0.21219	0.44	1.64	0.27993	1.92	1.41	0.06774	1.48	613.0%	31.9%	334.2%
204	0.0125	4	12.5		0.29	0.28292	0.57	1.71	0.37324	2.08	1.42	0.09032	1.51	489.7%	31.9%	263.1%
205	0.0175	6	17.5		0.44	0.42438	0.86	1.80	0.55986	2.36	1.36	0.13548	1.50	309.1%	31.9%	173.0%
206	0.0225	8	22.5		0.59	0.56584	1.16	1.88	0.74648	2.63	1.29	0.18064	1.47	218.6%	31.9%	127.5%
207	0.0275	10	27.5		0.74	0.70729	1.45	1.98	0.93309	2.91	1.24	0.22580	1.46	167.6%	31.9%	101.1%
208	0.0325	11	32.5		0.81	0.77802	1.59	2.04	1.0264	3.07	1.23	0.24838	1.48	151.9%	31.9%	93.3%
209	0.0375	13	37.5		0.95	0.91948	1.87	2.13	1.21302	3.34	1.18	0.29354	1.47	124.2%	31.9%	78.7%
210	0.0425	15	42.5		1.10	1.06094	2.16	2.21	1.39964	3.61	1.11	0.33870	1.45	100.9%	31.9%	67.1%
211	0.0475	16	47.5		1.17	1.13167	2.30	2.28	1.49295	3.77	1.11	0.36128	1.47	94.9%	31.9%	63.8%
212	0.0525	18	52.5		1.32	1.27313	2.59	2.38	1.67957	4.06	1.06	0.40644	1.47	80.3%	31.9%	56.6%
213	0.0575	20	57.5		1.47	1.41459	2.88	2.47	1.86619	4.34	1.00	0.45160	1.46	68.0%	31.9%	50.5%
214	0.0625	22	62.5		1.62	1.56605	3.18	2.55	2.05281	4.60	0.93	0.49676	1.42	57.4%	31.9%	44.8%
215	0.0675	23	67.5		1.70	1.62678	3.33	2.62	2.14612	4.77	0.92	0.51934	1.44	54.1%	31.9%	43.4%
216	0.0725	25	72.5		1.85	1.76824	3.62	2.71	2.33274	5.04	0.86	0.56450	1.42	46.5%	31.9%	39.3%
217	0.0775	27	77.5		2.00	1.90969	3.91	2.80	2.51935	5.32	0.80	0.60966	1.41	40.0%	31.9%	36.1%
218	0.0825	29	82.5		2.14	2.05115	4.19	2.89	2.70597	5.60	0.75	0.65482	1.41	35.0%	31.9%	33.6%
219	0.0875	30	87.5		2.21	2.12188	4.33	2.96	2.79928	5.76	0.75	0.67740	1.43	33.9%	31.9%	33.0%
220	0.0925	32	92.5		2.35	2.26334	4.61	3.04	2.9859	6.03	0.69	0.72256	1.42	29.4%	31.9%	30.7%
221	0.0975	34	97.5		2.50	2.4048	4.90	3.13	3.17252	6.30	0.63	0.76772	1.40	25.2%	31.9%	28.4%
222	0.1025	36	102.5		2.64	2.54626	5.19	3.21	3.35914	6.57	0.57	0.81288	1.38	21.6%	31.9%	26.7%
223	0.1075	37	107.5		2.72	2.61699	5.34	3.28	3.45245	6.73	0.56	0.83546	1.39	20.6%	31.9%	26.1%
224	0.1125	39	112.5		2.87	2.75845	5.63	3.37	3.63907	7.01	0.50	0.88062	1.38	17.4%	31.9%	24.5%
225	0.1175	41	117.5		3.02	2.89991	5.92	3.46	3.82569	7.29	0.44	0.92579	1.37	14.6%	31.9%	23.1%
226	0.1225	43	122.5		3.16	3.04137	6.20	3.55	4.01231	7.56	0.39	0.97094	1.36	12.3%	31.9%	21.9%
227	0.1275	44	127.5		3.23	3.1121	6.34	3.62	4.10562	7.73	0.39	0.99352	1.39	12.1%	31.9%	21.9%
228	0.1325	46	132.5		3.38	3.25355	6.63	3.72	4.29223	8.01	0.34	1.03868	1.39	10.1%	31.9%	20.7%
229	0.1375	48	137.5		3.53	3.39501	6.93	3.80	4.47885	8.28	0.27	1.08384	1.35	7.6%	31.9%	19.6%
230	0.1425	49	142.5		3.61	3.46574	7.08	3.87	4.57216	8.44	0.26	1.10642	1.36	7.2%	31.9%	19.3%
231	0.1475	51	147.5		3.76	3.6072	7.37	3.98	4.75878	8.74	0.22	1.15158	1.37	5.9%	31.9%	18.6%
232	0.1525	53	152.5		3.90	3.74866	7.65	4.06	4.9454	9.01	0.16	1.19674	1.36	4.1%	31.9%	17.8%
233	0.1575	55	157.5		4.05	3.89012	7.94	4.14	5.13202	9.27	0.09	1.24190	1.33	2.2%	31.9%	16.7%
234	0.1625	56	162.5		4.12	3.96085	8.08	4.21	5.22533	9.44	0.09	1.26448	1.36	2.2%	31.9%	16.8%
235	0.1675	58	167.5		4.28	4.10231	8.38	4.30	5.41195	9.71	0.02	1.30964	1.33	0.5%	31.9%	15.8%
236	0.1725	60	172.5		4.42	4.24377	8.66	4.39	5.59857	9.99	(0.03)	1.35480	1.33	-0.7%	31.9%	15.3%
237	0.1775	62	177.5		4.57	4.38523	8.96	4.47	5.78519	10.26	(0.10)	1.39996	1.30	-2.2%	31.9%	14.6%
238	0.1825	63	182.5		4.65	4.45595	9.11	4.54	5.87849	10.42	(0.11)	1.42254	1.31	-2.4%	31.9%	14.4%
239	0.1875	65	187.5		4.80	4.59741	9.40	4.64	6.06511	10.71	(0.16)	1.46770	1.31	-3.3%	31.9%	14.0%
240	0.1925	67	192.5		4.94	4.73887	9.68	4.73	6.25173	10.98	(0.21)	1.51286	1.30	-4.3%	31.9%	13.4%
241	0.1975	69	197.5		5.09	4.88033	9.97	4.81	6.43835	11.25	(0.28)	1.55802	1.28	-5.5%	31.9%	12.8%
242	0.2025	70	202.5		5.16	4.95106	10.11	4.88	6.53166	11.41	(0.28)	1.58060	1.30	-5.4%	31.9%	12.8%
243	0.2075	72	207.5		5.30	5.09252	10.39	4.96	6.71828	11.68	(0.34)	1.62576	1.29	-6.4%	31.9%	12.4%
244	0.2125	74	212.5		5.44	5.23398	10.67	5.05	6.9049	11.95	(0.39)	1.67092	1.28	-7.2%	31.9%	12.0%
245	0.2175	75	217.5		5.52	5.30471	10.82	5.11	6.99821	12.11	(0.41)	1.69350	1.29	-7.4%	31.9%	11.9%
246	0.2225	77	222.5		5.67	5.44617	11.12	5.20	7.18483	12.38	(0.47)	1.73866	1.26	-8.3%	31.9%	11.4%
247	0.2275	79	227.5		5.82	5.58763	11.41	5.29	7.37145	12.66	(0.53)	1.78382	1.25	-9.1%	31.9%	11.0%
248	0.2325	81	232.5		5.97	5.72908	11.70	5.38	7.55806	12.94	(0.59)	1.82898	1.24	-9.9%	31.9%	10.6%
249	0.2375	82	237.5		6.03	5.79981	11.83	5.45	7.65137	13.10	(0.58)	1.85156	1.27	-9.6%	31.9%	10.7%
250	0.2425	84	242.5		6.18	5.94127	12.12	5.55	7.83799	13.39	(0.63)	1.89672	1.27	-10.2%	31.9%	10.5%
251	0.2475	86	247.5		6.33	6.08273	12.41	5.64	8.02461	13.66	(0.69)	1.94188	1.25	-10.9%	31.9%	10.0%
252	0.2525	88	252.5		6.48	6.22419	12.70	5.73	8.21123	13.94	(0.75)	1.98704	1.24	-11.6%	31.9%	9.7%
253	0.2575	89	257.5		6.56	6.29492	12.85	5.79	8.30454	14.09	(0.77)	2.00962	1.24	-11.7%	31.9%	9.6%
254	0.2625	91	262.5		6.70	6.43638	13.14	5.88	8.49116	14.37	(0.82)	2.05478	1.23	-12.2%	31.9%	9.4%
255	0.2675	93	267.5		6.84	6.57784	13.42	5.96	8.67778	14.64	(0.88)	2.09994	1.22	-12.9%	31.9%	9.1%
256	0.2725	95	272.5		6.99	6.7193	13.71	6.05	8.8644	14.91	(0.94)	2.14510	1.20	-13.4%	31.9%	8.8%
257	0.2775	96	277.5		7.06	6.79003	13.85	6.11	8.95771	15.07	(0.95)	2.16768	1.22	-13.5%	31.9%	8.8%
258	0.2825	98	282.5		7.21	6.93149	14.14	6.20	9.14433	15.34	(1.01)	2.21284	1.20	-14.0%	31.9%	8.5%
259	0.2875	100	287.5		7.36	7.07294	14.43	6.28	9.33094	15.61	(1.08)	2.25800	1.18	-14.7%	31.9%	8.2%
260	0.2925	102	292.5		7.51	7.2144	14.72	6.38	9.51756	15.90	(1.13)	2.30316	1.18	-15.0%	31.9%	8.0%
261	0.2975	103	297.5		7.59	7.28513	14.88	6.44	9.61087	16.05	(1.15)	2.32574	1.17	-15.2%	31.9%	7.9%
262	0.3025	105	302.5		7.73	7.42659	15.16	6.53	9.79749	16.33	(1.20)	2.37090	1.17	-15.5%	31.9%	7.7%
263	0.3075	107	307.5		7.88	7.56805	15.45	6.62	9.98411	16.60	(1.26)	2.41606	1.15	-16.0%	31.9%	7.5%
264	0.3125	108	312.5		7.95	7.63878	15.59	6.68	10.0774	16.76	(1.27)	2.43864	1.17	-16.0%	31.9%	7.5%
265	0.3175	110	317.5		8.10	7.78024	15.88	6.77	10.264	17.03	(1.33)	2.48380	1.15	-16.4%	31.9%	7.2%
266	0.3225	112	322.5		8.25	7.92170	16.17	6.86	10.4507	17.31	(1.39)	2.52896	1.14	-16.8%	31.9%	7.0%
267	0.3275	114	327.5		8.38	8.06316	16.44	6.94	10.6373	17.58	(1.44)	2.57412	1.14	-17.2%	31.9%	6.9%
268	0.3325	115	332.5		8.46	8.13889	16.59	7.00	10.7306	17.73	(1.46)	2.59670	1.14	-17.3%	31.9%	6.8%
269	0.3375	117	337.5		8.61	8.27534	16.89	7.10	10.9172	18.02	(1.51)	2.64186	1.13	-17.5%	31.9%	6.7%
270	0.3425	119	342.5		8.76	8.4168	17.18	7.20	11.1038	18.30	(1.56)	2.68702	1.12	-17.8%	31.9%	6.5%
271	0.3475	121	347.5		8.90	8.55826	17.46	7.29	11.2904	18.58	(1.61)	2.73218	1.12	-18.1%	31.9%	6.4%
272	0.3525	122	352.5		8.97	8.62899	17.60	7.35	11.3838	18.73	(1.62)	2.75476	1.13	-18.1%	31.9%	6.4%
273	0.3575	124	357.5		9.12	8.77045	17.89	7.44	11.5704	19.01	(1.68)	2.79992	1.12	-18.4%	31.9%	6.3%
274	0.3625	126	362.5		9.27	8.91191	18.18	7.54	11.757	19.30	(1.73)	2.84508	1.12	-18.7%	31.9%	6.1%
275	0.3675	128														

**REBUTTAL ATTACHMENT J**

**COMPARISON OF PRESENT AND PROPOSED RATES FOR YEAR 3**

**SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
**2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

SUMMARY OF USAGE/LAMP  
 Hours per year  
 4,165  
 Hours per month  
 347

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		8/1/2016 TOTAL PRESENT RATE			ILLUSTRATIVE TOTAL PROPOSED YEAR 3			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
303																	
304					8.04		8.04	13.91		13.91	5.87		5.87	73.0%			73.0%
305					8.78		8.78	14.54		14.54	5.76		5.76	65.6%			65.6%
306																	
307																	
308																	
309																	
310																	
311																	
312																	
313	0.059	20															
314																	

**ATTACHMENT K**

**CUMULATIVE ILLUSTRATIVE BILL IMPACTS**

Attachment K represents bill impacts based on the illustrative rates presented in Attachment F and applied to historic usage associated with SDG&E's residential, commercial, and agricultural customers. The illustrative bill impacts are based on the historic usage identified below and assume no change in usage or demand. The bill impact tables displayed in this workbook hold constant the 2016 Residential Rate Reform design as approved in D.15-07-001 and implemented in Advice Letter 2861-E-A for all three years with the exception of the baseline allowance transition glidepath which includes anticipated changes for the same three-year period.

#### Commercial

- o Year over year changes comparing current and Rebuttal Year 3
- o Commercial tab depicts customers per impact range. Tables are differentiated by rate schedule.
  
- o Schedule **ALTOU**
  - o SDG&E's standard rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **ALTOUDGR**
  - o SDG&E's optional distributed generation rate schedule for Medium/Large Commercial & Industrial customers. Service under this Schedule is available on a voluntary basis for all metered non-residential customers whose peak annual load is equal to or less than 2MW, and who have operational, distributed generation, and the capacity of that operational distributed generation is equal to or greater than 10% of their peak annual load. Distributed generation that qualifies for service under this Schedule is limited to solar, fuel cells (regardless of fuel source), and other renewable distributed generation, as more fully defined in Special Condition 17, fueled with gas derived from biomass, digester gas, or landfill gas.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **TOU-A**
  - o SDG&E's standard rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **A6TOU**
  - o SDG&E's optional rate schedule available to customers receiving service at Primary, Primary Substation, or Transmission service voltage level, as defined in Rule 1, whose maximum demand is 500 kW or greater during any 15-minute interval of the most recent 12-month period. The applicable commodity schedule for customers taking service on this Schedule is EECC-CPD-D, unless the customer has noticed its right to opt-out to the Utility. For opt-out provisions, refer to schedule EECC-CPD-D.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **ATOU**
  - o SDG&E's optional rate schedule available to customers receiving general service including lighting, appliances, heating, and power, or any combination thereof, including common use and not applicable to any customer whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 40 kW for three consecutive months.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **ATC**
  - o Applicable to local, state or other governmental agencies for service to traffic signal systems utilized 24 hours per day, located on streets, highways or other public thoroughfares.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **OLTOU**
  - o Outdoor Lighting applicable to metered outdoor sports and recreation area lighting load, not including street or highway lighting, controlled exclusively for nighttime operation. Incidental, non-outdoor area lighting load shall be served under this schedule if the incidental load meets the following conditions: 1) does not exceed 15 percent of the customer's maximum monthly demand; and 2) does not exceed 20 kW, regardless of the time such incidental load operates. Service under this schedule is not applicable to any customer whose monthly maximum demand is less than 20 kW and to any customer whose incidental load causes a summer on-peak demand that equals, exceeds, or is expected to equal or exceed 20 kW for three consecutive billing periods.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **AD**
  - o SDG&E's optional rate schedule applicable to general service including lighting, appliances, heating, and power, or any combination thereof to customers who have received service on this schedule on June 30, 1987. This schedule is not applicable to customers who request service after June 30, 1987, or who qualify for a baseline allowance.
  - o Bill impacts include Secondary customers only.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **AYTOU**
  - o SDG&E's optional rate schedule available to all metered non-residential customers who request service on this schedule and whose maximum annual demand does not exceed 500 kW.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **Small Commercial Cost-Based Rate**
  - o SDG&E's optional cost-based rate schedule for Small Commercial customers. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - o Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **Small Commercial Two-Period Rate**
  - o SDG&E's optional two-period rate schedule for Small Commercial customers, based on Schedule TOU-A. This Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered.
  - o Bill impact comparisons compare Schedule TOU-A as the current rate schedule.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **Medium/Large Commercial & Industrial Cost-Based Rate**
  - o SDG&E's optional cost-based rate schedule for Medium/Large Commercial & Industrial customers. Applicable to all metered non-residential customers whose Monthly Maximum Demand equals, exceeds, or is expected to equal or exceed 20 kW.
  - o Bill impact comparisons compare Schedule AL-TOU as the current rate schedule.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.

#### Residential

- o Year over year changes comparing current and Rebuttal Year 3
- o Residential tabs depict bill impacts per customer usage level. Tables are differentiated by climate zone (Inland, Coastal, Mountain, Desert), season (Summer, Winter, Annual), and service type (Basic, All-Electric)
  
- o Schedule **DR**
  - o SDG&E's standard rate schedule applicable to domestic service for lighting, heating, cooking, water heating, and power, or combination thereof, in single family dwellings, flats, and apartments, separately metered by the utility; to service used in common for residential purposes by tenants in multi-family dwellings under Special Condition 8; to any approved combination of residential and nonresidential service on the same meter; and to incidental farm service under Special Condition 7.
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- o Schedule **DR-LI**
  - o Bill impacts are based upon historical data ranging from June 2015 - May 2016.



### Agricultural

- Year over year changes comparing current and Rebuttal Year 3
- Agricultural tab depicts customers per impact range. Tables are differentiated by rate schedule.
  
- Schedule PA-T-1
  - SDG&E's optional rate schedule available to agricultural and water pumping customers whose Maximum Monthly Demand is expected to be above 500 kw and who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is also available to those agricultural and water pumping customers whose maximum demand is less than 500 kw who are installing or have installed facilities or procedures to reduce their annual on-peak energy consumption by 1,500 kwhrs and are also classified by the above NAICS Codes.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- Schedule TOU-PA
  - SDG&E's standard rate schedule available to customers whose monthly maximum demand does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016.
  
- Schedule Large Agricultural Cost-Based Rate
  - SDG&E's optional cost-based rate schedule available to customers whose monthly maximum demand equals, exceeds, or is expected to equal or exceed 20 kW, but does not exceed 500kW for three consecutive months for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016
  
- Schedule Small Agricultural Two-Period Rate
  - SDG&E's optional two-period rate schedule, based on Schedule TOU-PA, available to customers whose monthly maximum demand does not equal or exceed 20kW for general power service utilized to pump water, or in the production of agricultural products including feed choppers, milking machines, heaters for incubators, brooders, poultry house and flower production lighting, but excluding power service used for the processing of agricultural products, general or protective lighting, or domestic household uses. This schedule is available to agricultural and water pumping customers who are classified with one or more of the following North American Industry Classification (NAICS) Codes 11111-11116, 11131-11132, 11191-11194, 111191, 111199, 111211, 111219, 111331-111336, 111339, 111411, 111419, 111421, 111422, 111991-111992, 111998, 11212, 11221, 11221-11224, 11239, 11241-11242, 11291, 11299, 112111-112112, 112511-112512, 112519, 22131, or 22132. This schedule is the Utility's standard tariff for agricultural customers meeting the applicability of this Schedule.
  - Bill impact comparisons compare Schedule TOU-PA as the current rate schedule.
  - Bill impacts are based upon historical data ranging from June 2015 - May 2016

### Streetlighting

- Year over year changes comparing current and Rebuttal Year 3
- Streetlighting impacts are based on the most recent customer data (2015)
  
- Schedule LS-1
  - Applicable to street lighting service on dedicated thoroughfares, on private streets under Special Condition 6 and to individuals under Special Condition 7.
  
- Schedule LS-2
  - Applicable for service to governmental agencies and lighting districts for the lighting of streets, highways and other thoroughfares, and to other corporate agencies for the lighting of non-dedicated streets which are accessible to the public, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities.
  
- Schedule OL-1
  - Applicable to outdoor area lighting service for the illumination of areas where street and highway lighting services are not applicable and can be supplied from existing secondary overhead facilities of the utility of suitable phase and voltage. The utility will install, own, operate and maintain the complete lighting installation, excluding any customer-owned supports. This schedule is also applicable for utility-owned ornamental street lights under Special Condition 3.
  
- Schedule LS-3
  - Applicable to local, state or other governmental agencies for service for the lighting of streets, highways, and other public thoroughfares, and to corporate or governmental agencies for the lighting of non-dedicated streets alone or in conjunction with illuminated highway directional signs or aircraft warning obstruction lights, where the customer owns the entire installation, including underground lines from a central point of connection with utility facilities. This schedule is closed to new installations as of June 10, 1979.
  
- Schedule OL-2
  - SDG&E's optional rate schedule applicable to metered service of outdoor area lighting load for customer-owned facilities, controlled for dusk to dawn operation and used for the purpose of lighting sports and recreation areas and for safety and security lighting.

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule ALTOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	226	1.0%	1.0%	36,093	\$ 10,900.27	\$ 9,595.73	\$ (1,304.54)	-12.0%	1
2	-10.0% to -8%	253	1.2%	2.2%	32,161	\$ 9,078.71	\$ 8,264.34	\$ (814.37)	-9.0%	2
3	-8.0% to -6%	381	1.7%	3.9%	42,002	\$ 10,952.46	\$ 10,187.08	\$ (765.38)	-7.0%	3
4	-6.0% to -4%	1,185	5.4%	9.3%	71,641	\$ 15,064.92	\$ 14,363.27	\$ (701.65)	-4.7%	4
5	-4.0% to -2%	4,467	20.4%	29.7%	79,241	\$ 14,212.43	\$ 13,788.84	\$ (423.59)	-3.0%	5
6	-2.0% to 0%	5,397	24.6%	54.3%	29,346	\$ 5,215.24	\$ 5,151.85	\$ (63.38)	-1.2%	6
7	0.0% to 2%	3,877	17.7%	72.0%	31,721	\$ 2,658.90	\$ 2,679.97	\$ 21.07	0.8%	7
8	2.0% to 4%	1,897	8.7%	80.7%	8,405	\$ 1,833.87	\$ 1,886.32	\$ 52.45	2.9%	8
9	4.0% to 6%	1,115	5.1%	85.8%	6,283	\$ 1,442.55	\$ 1,512.76	\$ 70.21	4.9%	9
10	6.0% to 8%	776	3.5%	89.3%	4,743	\$ 1,156.63	\$ 1,236.43	\$ 79.80	6.9%	10
11	8.0% to 10%	542	2.5%	91.8%	5,634	\$ 1,832.64	\$ 1,996.23	\$ 163.59	8.9%	11
12	>10.0%	1,796	8.2%	100.0%	3,383	\$ 1,864.72	\$ 2,113.03	\$ 248.31	13.3%	12
	<b>Total</b>	<b>21,912</b>	<b>100.0%</b>	<b>100.0%</b>	<b>35,980</b>	<b>\$ 6,346.04</b>	<b>\$ 6,209.03</b>	<b>\$ (137.01)</b>	<b>-2.2%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule ALTOUDGR (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	22	7.3%	7.3%	42,831	\$ 11,295.54	\$ 9,992.57	\$ (1,302.98)	-11.5%	1
2	-10.0% to -8%	12	4.0%	11.2%	18,262	\$ 5,066.63	\$ 4,609.12	\$ (457.51)	-9.0%	2
3	-8.0% to -6%	19	6.3%	17.5%	43,823	\$ 11,134.57	\$ 10,327.98	\$ (806.59)	-7.2%	3
4	-6.0% to -4%	20	6.6%	24.1%	36,180	\$ 8,666.19	\$ 8,240.94	\$ (425.25)	-4.9%	4
5	-4.0% to -2%	14	4.6%	28.7%	31,704	\$ 7,798.73	\$ 7,589.37	\$ (209.35)	-2.7%	5
6	-2.0% to 0%	14	4.6%	33.3%	8,133	\$ 2,445.52	\$ 2,424.23	\$ (21.29)	-0.9%	6
7	0.0% to 2%	16	5.3%	38.6%	32,589	\$ 8,417.13	\$ 8,514.48	\$ 97.36	1.2%	7
8	2.0% to 4%	12	4.0%	42.6%	25,093	\$ 5,886.45	\$ 6,050.34	\$ 163.89	2.8%	8
9	4.0% to 6%	11	3.6%	46.2%	12,914	\$ 4,100.35	\$ 4,303.18	\$ 202.83	4.9%	9
10	6.0% to 8%	7	2.3%	48.5%	13,751	\$ 3,536.34	\$ 3,778.68	\$ 242.34	6.9%	10
11	8.0% to 10%	10	3.3%	51.8%	9,747	\$ 2,960.19	\$ 3,229.43	\$ 269.24	9.1%	11
12	>10.0%	146	48.2%	100.0%	5,030	\$ 1,648.43	\$ 2,373.62	\$ 725.19	44.0%	12
	<b>Total</b>	<b>303</b>	<b>100.0%</b>	<b>100.0%</b>	<b>17,056</b>	<b>\$ 4,564.50</b>	<b>\$ 4,745.39</b>	<b>\$ 180.88</b>	<b>4.0%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule TOU-A (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	1
2	-10.0% to -8%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	2
3	-8.0% to -6%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	3
4	-6.0% to -4%	2	0.0%	0.0%	805	\$ 203.30	\$ 194.05	\$ (9.25)	-4.6%	4
5	-4.0% to -2%	5	0.0%	0.0%	38,398	\$ 8,644.92	\$ 8,403.11	\$ (241.81)	-2.8%	5
6	-2.0% to 0%	73	0.1%	0.1%	4,752	\$ 1,091.70	\$ 1,085.68	\$ (6.01)	-0.6%	6
7	0.0% to 2%	881	0.7%	0.8%	4,160	\$ 940.64	\$ 952.78	\$ 12.14	1.3%	7
8	2.0% to 4%	7,422	6.2%	7.0%	3,956	\$ 893.95	\$ 923.27	\$ 29.31	3.3%	8
9	4.0% to 6%	20,612	17.2%	24.2%	6,391	\$ 1,411.27	\$ 1,482.45	\$ 71.19	5.0%	9
10	6.0% to 8%	21,679	18.1%	42.3%	2,259	\$ 507.12	\$ 541.39	\$ 34.27	6.8%	10
11	8.0% to 10%	15,118	12.6%	54.9%	1,009	\$ 232.94	\$ 253.60	\$ 20.66	8.9%	11
12	10.0% to 12%	10,511	8.8%	63.7%	646	\$ 152.39	\$ 168.99	\$ 16.60	10.9%	12
13	12.0% to 14%	6,954	5.8%	69.5%	470	\$ 112.86	\$ 127.56	\$ 14.69	13.0%	13
14	14.0% to 16%	4,800	4.0%	73.5%	371	\$ 90.61	\$ 104.20	\$ 13.59	15.0%	14
15	16.0% to 18%	3,556	3.0%	76.5%	297	\$ 74.17	\$ 86.74	\$ 12.56	16.9%	15
16	18.0% to 20%	2,746	2.3%	78.8%	249	\$ 63.42	\$ 75.50	\$ 12.09	19.1%	16
17	>20%	25,421	21.2%	100.0%	68	\$ 22.53	\$ 31.33	\$ 8.80	39.0%	17
	<b>Total</b>	<b>119,780</b>	<b>100.0%</b>	<b>100.0%</b>	<b>2,044</b>	<b>\$ 459.37</b>	<b>\$ 487.69</b>	<b>\$ 28.32</b>	<b>6.2%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule A6TOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	1
2	-10.0% to -8%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	2
3	-8.0% to -6%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	3
4	-6.0% to -4%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	4
5	-4.0% to -2%	3	10.0%	10.0%	1,602,547	\$ 216,552.94	\$ 211,300.11	\$ (5,252.83)	-2.4%	5
6	-2.0% to 0%	10	33.3%	43.3%	6,101,922	\$ 752,820.92	\$ 743,755.25	\$ (9,065.67)	-1.2%	6
7	0.0% to 2%	10	33.3%	76.7%	2,185,370	\$ 213,367.68	\$ 214,191.88	\$ 824.20	0.4%	7
8	2.0% to 4%	0	0.0%	76.7%	0	\$ -	\$ -	\$ -	0.0%	8
9	4.0% to 6%	4	13.3%	90.0%	67,244	\$ 30,588.56	\$ 32,181.86	\$ 1,593.30	5.2%	9
10	6.0% to 8%	0	0.0%	90.0%	0	\$ -	\$ -	\$ -	0.0%	10
11	8.0% to 10%	1	3.3%	93.3%	164,078	\$ 192,153.47	\$ 210,688.47	\$ 18,535.00	9.6%	11
12	>10.0%	2	6.7%	100.0%	150	\$ 2,993.12	\$ 3,532.07	\$ 538.95	18.0%	12
	<b>Total</b>	<b>30</b>	<b>100.0%</b>	<b>100.0%</b>	<b>2,937,131</b>	<b>\$ 354,401.29</b>	<b>\$ 351,995.06</b>	<b>\$ (2,406.24)</b>	<b>-0.7%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule ATOU (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	95	59.4%	59.4%	6,711	\$ 1,655.03	\$ 1,351.64	\$ (303.39)	-18.3%	1
2	-10.0% to -8%	6	3.8%	63.1%	4,035	\$ 970.64	\$ 879.88	\$ (90.76)	-9.4%	2
3	-8.0% to -6%	4	2.5%	65.6%	2,860	\$ 707.95	\$ 661.28	\$ (46.66)	-6.6%	3
4	-6.0% to -4%	7	4.4%	70.0%	3,242	\$ 797.88	\$ 756.84	\$ (41.03)	-5.1%	4
5	-4.0% to -2%	9	5.6%	75.6%	2,451	\$ 605.68	\$ 588.09	\$ (17.59)	-2.9%	5
6	-2.0% to 0%	8	5.0%	80.6%	2,378	\$ 572.97	\$ 569.06	\$ (3.91)	-0.7%	6
7	0.0% to 2%	6	3.8%	84.4%	1,882	\$ 461.17	\$ 463.70	\$ 2.54	0.6%	7
8	2.0% to 4%	2	1.3%	85.6%	2,999	\$ 742.55	\$ 762.79	\$ 20.24	2.7%	8
9	4.0% to 6%	2	1.3%	86.9%	2,372	\$ 576.93	\$ 607.54	\$ 30.61	5.3%	9
10	6.0% to 8%	3	1.9%	88.8%	1,820	\$ 440.09	\$ 468.68	\$ 28.59	6.5%	10
11	8.0% to 10%	1	0.6%	89.4%	1,511	\$ 357.30	\$ 389.72	\$ 32.42	9.1%	11
12	10.0% to 12%	4	2.5%	91.9%	2,191	\$ 517.93	\$ 575.63	\$ 57.70	11.1%	12
13	12.0% to 14%	1	0.6%	92.5%	2,077	\$ 488.89	\$ 549.09	\$ 60.19	12.3%	13
14	14.0% to 16%	1	0.6%	93.1%	881	\$ 231.43	\$ 266.07	\$ 34.65	15.0%	14
15	16.0% to 18%	0	0.0%	93.1%	-	\$ -	\$ -	\$ -	0.0%	15
16	18.0% to 20%	2	1.3%	94.4%	1,380	\$ 345.56	\$ 412.13	\$ 66.58	19.3%	16
17	>20%	9	5.6%	95.0%	1,410	\$ 322.05	\$ 466.40	\$ 144.35	44.8%	17
	<b>Total</b>	<b>160</b>	<b>100.0%</b>	<b>100.0%</b>	<b>4,957</b>	<b>\$ 1,218.55</b>	<b>\$ 1,043.32</b>	<b>\$ (175.23)</b>	<b>-14.4%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule ATC (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	1
2	-10.0% to -8%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	2
3	-8.0% to -6%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	3
4	-6.0% to -4%	0	0.0%	0.0%	0	\$ -	\$ -	\$ -	0.0%	4
5	-4.0% to -2%	682	9.8%	9.8%	2,261	\$ 390.20	\$ 380.29	\$ (9.91)	-2.5%	5
6	-2.0% to 0%	824	11.8%	21.6%	1,308	\$ 228.76	\$ 225.93	\$ (2.83)	-1.2%	6
7	0.0% to 2%	840	12.1%	33.7%	739	\$ 132.12	\$ 133.39	\$ 1.26	1.0%	7
8	2.0% to 4%	698	10.0%	43.7%	534	\$ 97.30	\$ 100.15	\$ 2.85	2.9%	8
9	4.0% to 6%	707	10.2%	53.9%	413	\$ 76.90	\$ 80.70	\$ 3.80	4.9%	9
10	6.0% to 8%	893	12.8%	66.7%	330	\$ 62.80	\$ 67.24	\$ 4.43	7.1%	10
11	8.0% to 10%	804	11.6%	78.3%	278	\$ 54.05	\$ 58.88	\$ 4.83	8.9%	11
12	>10.0%	1,513	21.7%	100.0%	155	\$ 33.24	\$ 39.03	\$ 5.79	17.4%	12
	<b>Total</b>	<b>6,961</b>	<b>100.0%</b>	<b>100.0%</b>	<b>669</b>	<b>\$ 120.34</b>	<b>\$ 122.25</b>	<b>\$ 1.90</b>	<b>1.6%</b>	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule OLTUO (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	13	14.6%	14.6%	5,524	\$ 1,324.80	\$ 1,163.92	\$ (160.87)	-12.1%	1
2	-10.0% to -8%	19	21.3%	36.0%	5,686	\$ 1,353.16	\$ 1,231.88	\$ (121.28)	-9.0%	2
3	-8.0% to -6%	12	13.5%	49.4%	4,306	\$ 1,034.26	\$ 963.53	\$ (70.73)	-6.8%	3
4	-6.0% to -4%	9	10.1%	59.6%	8,205	\$ 1,903.88	\$ 1,806.85	\$ (97.03)	-5.1%	4
5	-4.0% to -2%	9	10.1%	69.7%	5,535	\$ 1,326.27	\$ 1,288.27	\$ (38.00)	-2.9%	5
6	-2.0% to 0%	9	10.1%	79.8%	5,820	\$ 1,393.46	\$ 1,378.09	\$ (15.37)	-1.1%	6
7	0.0% to 2%	9	10.1%	89.9%	3,017	\$ 732.51	\$ 738.08	\$ 5.57	0.8%	7
8	2.0% to 4%	5	5.6%	95.5%	4,389	\$ 1,046.70	\$ 1,070.97	\$ 24.27	2.3%	8
9	4.0% to 6%	3	3.4%	98.9%	1,752	\$ 444.31	\$ 467.06	\$ 22.75	5.1%	9
10	6.0% to 8%	0	0.0%	98.9%	0	\$ -	\$ -	\$ -	0.0%	10
11	8.0% to 10%	1	1.1%	100.0%	351	\$ 101.88	\$ 110.60	\$ 8.73	8.6%	11
12	>10.0%	0	0.0%	100.0%	0	\$ -	\$ -	\$ -	0.0%	12
	<b>Total</b>	<b>89</b>	<b>100.0%</b>	<b>100.0%</b>	<b>5,194</b>	<b>\$ 1,238.39</b>	<b>\$ 1,167.05</b>	<b>\$ (71.34)</b>	<b>-5.8%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule Small Commercial Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	10,281	8.58%	8.58%	12,864	\$ 2,825.57	\$ 2,139.02	\$ (686.56)	-24.3%	1
2	-10.0% to -8%	2,644	2.21%	10.79%	3,343	\$ 742.19	\$ 675.51	\$ (66.68)	-9.0%	2
3	-8.0% to -6%	2,758	2.30%	13.09%	3,190	\$ 710.85	\$ 660.97	\$ (49.88)	-7.0%	3
4	-6.0% to -4%	2,868	2.39%	15.49%	2,872	\$ 642.22	\$ 610.09	\$ (32.13)	-5.0%	4
5	-4.0% to -2%	2,802	2.34%	17.83%	2,678	\$ 601.38	\$ 583.17	\$ (18.21)	-3.0%	5
6	-2.0% to 0%	2,768	2.31%	20.14%	2,470	\$ 556.12	\$ 550.46	\$ (5.66)	-1.0%	6
7	0.0% to 2%	2,764	2.31%	22.45%	2,297	\$ 515.90	\$ 521.02	\$ 5.12	1.0%	7
8	2.0% to 4%	2,681	2.24%	24.68%	2,098	\$ 475.47	\$ 489.66	\$ 14.20	3.0%	8
9	4.0% to 6%	2,588	2.16%	26.84%	1,885	\$ 427.85	\$ 449.15	\$ 21.29	5.0%	9
10	6.0% to 8%	2,471	2.06%	28.91%	1,812	\$ 413.62	\$ 442.59	\$ 28.97	7.0%	10
11	8.0% to 10%	2,361	1.97%	30.88%	1,681	\$ 384.08	\$ 418.59	\$ 34.51	9.0%	11
12	10.0% to 12%	2,252	1.88%	32.76%	1,506	\$ 345.68	\$ 383.62	\$ 37.93	11.0%	12
13	12.0% to 14%	2,177	1.82%	34.58%	1,459	\$ 335.28	\$ 378.85	\$ 43.58	13.0%	13
14	14.0% to 16%	2,128	1.78%	36.35%	1,318	\$ 303.59	\$ 349.00	\$ 45.41	15.0%	14
15	16.0% to 18%	2,028	1.69%	38.05%	1,278	\$ 295.56	\$ 345.76	\$ 50.21	17.0%	15
16	18.0% to 20%	2,002	1.67%	39.72%	1,231	\$ 284.98	\$ 339.02	\$ 54.04	19.0%	16
17	>20%	72,207	60.28%	100.00%	452	\$ 109.98	\$ 184.82	\$ 74.85	68.1%	17
	Total	119,780	100.00%	100.00%	2,044	\$ 459.52	\$ 448.00	\$ (11.52)	-2.5%	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule Small Commercial Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	3	0.00%	0.00%	-248	\$ (28.35)	\$ (33.92)	\$ (5.57)	-19.6%	1
2	-10.0% to -8%	0	0.00%	0.00%	0	\$ -	\$ -	\$ -	0.0%	2
3	-8.0% to -6%	9	0.01%	0.01%	4,028	\$ 983.25	\$ 918.19	\$ (65.06)	-6.6%	3
4	-6.0% to -4%	47	0.04%	0.05%	7,098	\$ 1,636.27	\$ 1,555.14	\$ (81.12)	-5.0%	4
5	-4.0% to -2%	309	0.26%	0.31%	3,228	\$ 761.59	\$ 739.84	\$ (21.75)	-2.9%	5
6	-2.0% to 0%	1,328	1.11%	1.42%	2,851	\$ 667.49	\$ 662.17	\$ (5.32)	-0.8%	6
7	0.0% to 2%	4,312	3.60%	5.02%	2,669	\$ 615.49	\$ 622.49	\$ 7.00	1.1%	7
8	2.0% to 4%	9,214	7.69%	12.71%	2,504	\$ 570.81	\$ 588.25	\$ 17.44	3.1%	8
9	4.0% to 6%	15,457	12.90%	25.61%	5,134	\$ 1,142.81	\$ 1,203.68	\$ 60.87	5.3%	9
10	6.0% to 8%	19,123	15.97%	41.58%	4,653	\$ 1,030.47	\$ 1,097.81	\$ 67.35	6.5%	10
11	8.0% to 10%	14,213	11.87%	53.44%	1,295	\$ 290.01	\$ 315.84	\$ 25.83	8.9%	11
12	10.0% to 12%	10,627	8.87%	62.32%	805	\$ 182.46	\$ 202.26	\$ 19.80	10.9%	12
13	12.0% to 14%	7,439	6.21%	68.53%	524	\$ 122.37	\$ 138.22	\$ 15.85	13.0%	13
14	14.0% to 16%	5,095	4.25%	72.78%	407	\$ 97.04	\$ 111.54	\$ 14.50	14.9%	14
15	16.0% to 18%	3,706	3.09%	75.87%	318	\$ 77.62	\$ 90.77	\$ 13.15	16.9%	15
16	18.0% to 20%	2,760	2.30%	78.18%	258	\$ 64.49	\$ 76.87	\$ 12.38	19.2%	16
17	>20%	26,138	21.82%	100.00%	74	\$ 23.67	\$ 32.82	\$ 9.15	38.7%	17
	Total	119,780	100.00%	100.00%	2,044	\$ 459.52	\$ 488.68	\$ 29.16	6.3%	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule Medium/Large Commercial & Industrial Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	54	0.25%	0.25%	82,167	\$ 22,648.47	\$ 19,819.78	\$ (2,828.69)	-12.5%	1
2	-10.0% to -8%	176	0.80%	1.05%	46,537	\$ 13,244.98	\$ 12,069.50	\$ (1,175.48)	-8.9%	2
3	-8.0% to -6%	342	1.56%	2.61%	99,912	\$ 22,013.21	\$ 20,550.42	\$ (1,462.79)	-6.6%	3
4	-6.0% to -4%	1,685	7.69%	10.30%	166,068	\$ 29,841.67	\$ 28,398.59	\$ (1,443.08)	-4.8%	4
5	-4.0% to -2%	2,381	10.87%	21.17%	70,105	\$ 12,644.81	\$ 12,258.53	\$ (386.29)	-3.1%	5
6	-2.0% to 0%	2,465	11.25%	32.42%	30,579	\$ 5,986.41	\$ 5,922.30	\$ (64.11)	-1.1%	6
7	0.0% to 2%	2,566	11.71%	44.13%	49,839	\$ 3,963.97	\$ 3,999.08	\$ 35.11	0.9%	7
8	2.0% to 4%	1,996	9.11%	53.24%	12,882	\$ 2,768.40	\$ 2,849.76	\$ 81.35	2.9%	8
9	4.0% to 6%	2,057	9.39%	62.62%	9,991	\$ 2,194.32	\$ 2,302.71	\$ 108.38	4.9%	9
10	6.0% to 8%	1,670	7.62%	70.24%	8,333	\$ 1,892.87	\$ 2,024.22	\$ 131.36	6.9%	10
11	8.0% to 10%	1,181	5.39%	75.63%	7,770	\$ 1,911.11	\$ 2,082.58	\$ 171.47	9.0%	11
12	>10.0%	5,339	24.37%	100.00%	4,161	\$ 1,362.14	\$ 1,613.21	\$ 251.08	18.4%	12
	Total	21,912	100.00%	100.00%	35,979	\$ 6,349.54	\$ 6,252.27	\$ (97.28)	-1.5%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule PAT1 (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	8	1.6%	1.6%	2,830	\$ 5,121.99	\$ 4,411.70	\$ (710.29)	-13.9%	1
2	-10.0% to -8%	11	2.3%	3.9%	27,809	\$ 6,955.73	\$ 6,377.59	\$ (578.14)	-8.3%	2
3	-8.0% to -6%	35	7.2%	11.1%	22,487	\$ 5,321.11	\$ 4,952.88	\$ (368.24)	-6.9%	3
4	-6.0% to -4%	52	10.7%	21.8%	40,901	\$ 7,902.14	\$ 7,509.25	\$ (392.89)	-5.0%	4
5	-4.0% to -2%	78	16.0%	37.8%	59,916	\$ 9,551.31	\$ 9,272.83	\$ (278.47)	-2.9%	5
6	-2.0% to 0%	96	19.7%	57.5%	58,994	\$ 8,069.22	\$ 7,987.60	\$ (81.62)	-1.0%	6
7	0.0% to 2%	77	15.8%	73.3%	23,104	\$ 3,085.97	\$ 3,111.36	\$ 25.39	0.8%	7
8	2.0% to 4%	40	8.2%	81.5%	14,453	\$ 2,004.10	\$ 2,057.91	\$ 53.82	2.7%	8
9	4.0% to 6%	22	4.5%	86.0%	4,721	\$ 902.46	\$ 945.90	\$ 43.44	4.8%	9
10	6.0% to 8%	16	3.3%	89.3%	15,222	\$ 1,992.60	\$ 2,134.33	\$ 141.72	7.1%	10
11	8.0% to 10%	11	2.3%	91.6%	9,876	\$ 1,254.34	\$ 1,364.16	\$ 109.82	8.8%	11
12	>10.0%	41	8.4%	100.0%	1,634	\$ 283.73	\$ 335.88	\$ 52.15	18.4%	12
	Grand Total	467	100.0%	100.0%	33,798	\$ 5,398.64	\$ 5,266.93	\$ (131.91)	-2.4%	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule TOU-PA (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	5	0.1%	0.1%	6,162	\$ 1,257.07	\$ 1,121.47	\$ (135.59)	-10.8%	1
2	-10.0% to -8%	61	1.8%	1.9%	16,362	\$ 2,983.40	\$ 2,720.04	\$ (263.36)	-8.8%	2
3	-8.0% to -6%	98	2.8%	4.7%	11,152	\$ 2,055.67	\$ 1,910.98	\$ (144.69)	-7.0%	3
4	-6.0% to -4%	148	4.3%	9.0%	6,805	\$ 1,265.56	\$ 1,203.83	\$ (61.73)	-4.9%	4
5	-4.0% to -2%	233	6.7%	15.7%	4,460	\$ 832.90	\$ 808.59	\$ (24.31)	-2.9%	5
6	-2.0% to 0%	233	6.7%	22.4%	3,011	\$ 557.61	\$ 551.35	\$ (6.26)	-1.1%	6
7	0.0% to 2%	221	6.4%	28.7%	2,397	\$ 457.60	\$ 461.53	\$ 3.93	0.9%	7
8	2.0% to 4%	183	5.3%	34.0%	1,817	\$ 351.01	\$ 361.38	\$ 10.36	3.0%	8
9	4.0% to 6%	184	5.3%	39.3%	1,190	\$ 235.93	\$ 247.69	\$ 11.76	5.0%	9
10	6.0% to 8%	148	4.3%	43.5%	1,501	\$ 285.89	\$ 306.70	\$ 20.81	7.3%	10
11	8.0% to 10%	133	3.8%	47.4%	988	\$ 200.21	\$ 217.70	\$ 17.49	8.7%	11
12	>10.0%	1,830	52.6%	100.0%	553	\$ 101.52	\$ 147.19	\$ 45.67	45.0%	12
	Total	3,477	100.0%	100.0%	2,104	\$ 392.44	\$ 405.88	\$ 13.44	3.4%	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule Agricultural Cost-Based Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	78	11.98%	11.98%	22078	\$3,982.95	\$3,299.35	\$ (683.59)	-17.2%	1
2	-10.0% to -8%	19	2.92%	14.90%	14261	\$2,565.43	\$2,342.40	\$ (223.03)	-8.7%	2
3	-8.0% to -6%	18	2.76%	17.67%	13328	\$2,493.99	\$2,320.22	\$ (173.77)	-7.0%	3
4	-6.0% to -4%	21	3.23%	20.89%	17631	\$3,159.47	\$2,998.62	\$ (160.85)	-5.1%	4
5	-4.0% to -2%	8	1.23%	22.12%	12583	\$2,343.12	\$2,280.98	\$ (62.14)	-2.7%	5
6	-2.0% to 0%	24	3.69%	25.81%	13843	\$2,564.61	\$2,540.36	\$ (24.24)	-0.9%	6
7	0.0% to 2%	6	0.92%	26.73%	12245	\$2,232.53	\$2,246.34	\$ 13.82	0.6%	7
8	2.0% to 4%	11	1.69%	28.42%	8681	\$1,601.42	\$1,652.28	\$ 50.85	3.2%	8
9	4.0% to 6%	7	1.08%	29.49%	8788	\$1,671.02	\$1,755.36	\$ 84.34	5.0%	9
10	6.0% to 8%	15	2.30%	31.80%	12206	\$2,266.05	\$2,424.68	\$ 158.63	7.0%	10
11	8.0% to 10%	9	1.38%	33.18%	7796	\$1,482.15	\$1,615.99	\$ 133.84	9.0%	11
12	>10.0%	435	66.82%	100.00%	4420	\$796.58	\$1,318.45	\$ 521.87	65.5%	12
	Total	651	100.00%	100.00%	8360	\$1,516.89	\$1,772.94	\$ 256.05	16.9%	

**TYPICAL MONTHLY COMMERCIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule Agricultural Two-Period Option (Annual Billing Period)

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	Avg kWh for the Range	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	0	0.00%	0.00%	0	\$ -	\$ -	\$ -	0.0%	1
2	-10.0% to -8%	19	0.67%	0.67%	2,380	\$ 469.66	\$ 409.36	\$ (60.31)	-8.9%	2
3	-8.0% to -6%	35	1.24%	1.91%	2,323	\$ 451.62	\$ 420.80	\$ (30.81)	-6.8%	3
4	-6.0% to -4%	74	2.62%	4.53%	2,613	\$ 494.26	\$ 470.32	\$ (23.93)	-4.8%	4
5	-4.0% to -2%	175	6.19%	10.72%	2,432	\$ 453.06	\$ 439.12	\$ (13.94)	-3.1%	5
6	-2.0% to 0%	181	6.40%	17.13%	1,672	\$ 315.99	\$ 312.65	\$ (3.34)	-1.1%	6
7	0.0% to 2%	172	6.09%	23.21%	1,276	\$ 243.83	\$ 246.07	\$ 2.23	0.9%	7
8	2.0% to 4%	148	5.24%	28.45%	937	\$ 182.61	\$ 188.04	\$ 5.43	3.0%	8
9	4.0% to 6%	162	5.73%	34.18%	734	\$ 146.83	\$ 154.13	\$ 7.30	5.0%	9
10	6.0% to 8%	138	4.88%	39.07%	543	\$ 113.57	\$ 121.46	\$ 7.89	6.9%	10
11	8.0% to 10%	116	4.10%	43.17%	453	\$ 97.47	\$ 106.19	\$ 8.72	8.9%	11
12	>10.0%	1,606	56.83%	100.00%	93	\$ 33.82	\$ 48.08	\$ 14.25	42.1%	12
	Total	2,826	100.00%	100.00%	637	\$ 131.58	\$ 138.77	\$ 7.19	5.5%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DR (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	65,540	6.8%	6.8%	\$ 13.91	\$ 16.06	2.15	15.5%	1
2	Between 101 and 200 kWh	125,527	13.0%	19.9%	\$ 27.50	\$ 33.04	5.54	20.1%	2
3	Between 201 and 300 kWh	169,485	17.6%	37.5%	\$ 45.73	\$ 55.12	9.39	20.5%	3
4	Between 301 and 400 kWh	162,744	16.9%	54.4%	\$ 68.52	\$ 82.86	14.34	20.9%	4
5	Between 401 and 500 kWh	131,517	13.7%	68.1%	\$ 97.91	\$ 118.27	20.36	20.8%	5
6	Between 501 and 600 kWh	95,400	9.9%	78.0%	\$ 132.06	\$ 159.25	27.19	20.6%	6
7	Between 601 and 700 kWh	65,480	6.8%	84.8%	\$ 168.11	\$ 202.43	34.32	20.4%	7
8	Between 701 and 800 kWh	44,318	4.6%	89.4%	\$ 205.02	\$ 246.54	41.52	20.3%	8
9	Between 801 and 900 kWh	30,120	3.1%	92.5%	\$ 242.00	\$ 290.72	48.72	20.1%	9
10	Between 901 and 1000 kWh	20,192	2.1%	94.6%	\$ 279.31	\$ 335.24	55.93	20.0%	10
11	Between 1001 and 1100 kWh	13,620	1.4%	96.0%	\$ 316.78	\$ 379.80	63.02	19.9%	11
12	Between 1101 and 1200 kWh	9,453	1.0%	97.0%	\$ 354.43	\$ 424.59	70.16	19.8%	12
13	Between 1201 and 1300 kWh	6,567	0.7%	97.7%	\$ 392.01	\$ 469.64	77.63	19.8%	13
14	Between 1301 and 1400 kWh	4,729	0.5%	98.2%	\$ 429.51	\$ 514.31	84.80	19.7%	14
15	Between 1401 and 1500 kWh	3,409	0.4%	98.5%	\$ 467.29	\$ 559.07	91.78	19.6%	15
16	Between 1501 and 2000 kWh	8,172	0.8%	99.4%	\$ 565.66	\$ 675.83	110.17	19.5%	16
17	Between 2001 and 2500 kWh	2,834	0.3%	99.7%	\$ 759.55	\$ 905.90	146.35	19.3%	17
18	Between 2501 and 3000 kWh	1,310	0.1%	99.8%	\$ 953.65	\$ 1,136.15	182.50	19.1%	18
19	> 3000 kWh	1,762	0.2%	100.0%	\$ 1,650.34	\$ 1,963.06	312.72	18.9%	19
	Total	962,179	100.0%	100.0%	\$ 110.75	\$ 133.16	22.41	20.2%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DR (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	83,549	8.7%	8.7%	\$ 12.91	\$ 15.92	3.01	23.3%	1
2	Between 101 and 200 kWh	143,537	14.9%	23.6%	\$ 25.58	\$ 30.59	5.01	19.6%	2
3	Between 201 and 300 kWh	185,038	19.2%	42.8%	\$ 42.20	\$ 49.78	7.58	18.0%	3
4	Between 301 and 400 kWh	169,427	17.6%	60.4%	\$ 61.81	\$ 72.76	10.95	17.7%	4
5	Between 401 and 500 kWh	126,430	13.1%	73.6%	\$ 89.49	\$ 105.03	15.54	17.4%	5
6	Between 501 and 600 kWh	84,982	8.8%	82.4%	\$ 122.63	\$ 143.93	21.30	17.4%	6
7	Between 601 and 700 kWh	55,048	5.7%	88.1%	\$ 156.84	\$ 183.98	27.14	17.3%	7
8	Between 701 and 800 kWh	35,659	3.7%	91.8%	\$ 191.40	\$ 224.37	32.97	17.2%	8
9	Between 801 and 900 kWh	23,007	2.4%	94.2%	\$ 225.94	\$ 264.72	38.78	17.2%	9
10	Between 901 and 1000 kWh	15,264	1.6%	95.8%	\$ 260.72	\$ 305.48	44.76	17.2%	10
11	Between 1001 and 1100 kWh	10,473	1.1%	96.9%	\$ 295.79	\$ 345.88	50.09	16.9%	11
12	Between 1101 and 1200 kWh	7,195	0.7%	97.7%	\$ 330.74	\$ 386.98	56.24	17.0%	12
13	Between 1201 and 1300 kWh	5,016	0.5%	98.2%	\$ 365.84	\$ 427.67	61.83	16.9%	13
14	Between 1301 and 1400 kWh	3,606	0.4%	98.6%	\$ 400.74	\$ 468.78	68.04	17.0%	14
15	Between 1401 and 1500 kWh	2,643	0.3%	98.8%	\$ 437.11	\$ 511.04	73.93	16.9%	15
16	Between 1501 and 2000 kWh	6,442	0.7%	99.5%	\$ 530.16	\$ 618.25	88.09	16.6%	16
17	Between 2001 and 2500 kWh	2,308	0.2%	99.7%	\$ 719.84	\$ 836.75	116.91	16.2%	17
18	Between 2501 and 3000 kWh	1,068	0.1%	99.8%	\$ 903.18	\$ 1,045.13	141.95	15.7%	18
19	> 3000 kWh	1,487	0.2%	100.0%	\$ 1,607.06	\$ 1,845.61	238.55	14.8%	19
	Total	962,179	100.0%	100.0%	\$ 91.20	\$ 105.34	14.14	15.5%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DR (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	83,012	8.6%	8.6%	\$ 12.35	\$ 13.57	1.22	9.9%	1
2	Between 101 and 200 kWh	113,184	11.8%	20.4%	\$ 27.84	\$ 34.30	6.46	23.2%	2
3	Between 201 and 300 kWh	144,925	15.1%	35.5%	\$ 46.39	\$ 57.59	11.20	24.1%	3
4	Between 301 and 400 kWh	140,537	14.6%	50.1%	\$ 69.32	\$ 86.70	17.38	25.1%	4
5	Between 401 and 500 kWh	119,833	12.5%	62.5%	\$ 100.58	\$ 126.12	25.54	25.4%	5
6	Between 501 and 600 kWh	93,969	9.8%	72.3%	\$ 136.83	\$ 171.23	34.40	25.1%	6
7	Between 601 and 700 kWh	70,713	7.3%	79.6%	\$ 174.62	\$ 218.03	43.41	24.9%	7
8	Between 701 and 800 kWh	52,016	5.4%	85.0%	\$ 212.77	\$ 265.50	52.73	24.8%	8
9	Between 801 and 900 kWh	37,840	3.9%	89.0%	\$ 251.63	\$ 313.22	61.59	24.5%	9
10	Between 901 and 1000 kWh	27,403	2.8%	91.8%	\$ 290.61	\$ 361.74	71.13	24.5%	10
11	Between 1001 and 1100 kWh	19,952	2.1%	93.9%	\$ 329.61	\$ 410.11	80.50	24.4%	11
12	Between 1101 and 1200 kWh	14,239	1.5%	95.4%	\$ 369.04	\$ 458.74	89.70	24.3%	12
13	Between 1201 and 1300 kWh	10,294	1.1%	96.4%	\$ 408.19	\$ 507.77	99.58	24.4%	13
14	Between 1301 and 1400 kWh	7,435	0.8%	97.2%	\$ 448.01	\$ 555.95	107.94	24.1%	14
15	Between 1401 and 1500 kWh	5,353	0.6%	97.8%	\$ 487.26	\$ 605.48	118.22	24.3%	15
16	Between 1501 and 2000 kWh	12,875	1.3%	99.1%	\$ 587.05	\$ 728.22	141.17	24.0%	16
17	Between 2001 and 2500 kWh	4,261	0.4%	99.5%	\$ 791.04	\$ 979.36	188.32	23.8%	17
18	Between 2501 and 3000 kWh	1,857	0.2%	99.7%	\$ 991.62	\$ 1,227.42	235.80	23.8%	18
19	> 3000 kWh	2,481	0.3%	100.0%	\$ 1,682.85	\$ 2,077.93	395.08	23.5%	19
	Total	962,179	100.0%	100.0%	\$ 130.30	\$ 172.11	41.81	32.1%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	34,123	7.5%	7.5%	\$ 12.71	\$ 14.62	1.91	15.0%	1
2	Between 101 and 200 kWh	64,492	14.1%	21.6%	\$ 26.82	\$ 32.19	5.37	20.0%	2
3	Between 201 and 300 kWh	80,557	17.6%	39.2%	\$ 45.54	\$ 54.50	8.96	19.7%	3
4	Between 301 and 400 kWh	76,773	16.8%	56.0%	\$ 68.96	\$ 82.47	13.51	19.6%	4
5	Between 401 and 500 kWh	61,170	13.4%	69.4%	\$ 100.33	\$ 119.89	19.56	19.5%	5
6	Between 501 and 600 kWh	43,485	9.5%	78.9%	\$ 136.30	\$ 162.78	26.48	19.4%	6
7	Between 601 and 700 kWh	29,306	6.4%	85.3%	\$ 173.68	\$ 207.32	33.64	19.4%	7
8	Between 701 and 800 kWh	19,567	4.3%	89.6%	\$ 211.48	\$ 252.35	40.87	19.3%	8
9	Between 801 and 900 kWh	13,255	2.9%	92.5%	\$ 249.30	\$ 297.41	48.11	19.3%	9
10	Between 901 and 1000 kWh	8,909	1.9%	94.4%	\$ 287.49	\$ 342.92	55.43	19.3%	10
11	Between 1001 and 1100 kWh	6,176	1.4%	95.8%	\$ 325.53	\$ 388.15	62.62	19.2%	11
12	Between 1101 and 1200 kWh	4,395	1.0%	96.7%	\$ 363.59	\$ 433.44	69.85	19.2%	12
13	Between 1201 and 1300 kWh	3,042	0.7%	97.4%	\$ 401.80	\$ 479.03	77.23	19.2%	13
14	Between 1301 and 1400 kWh	2,252	0.5%	97.9%	\$ 439.75	\$ 524.33	84.58	19.2%	14
15	Between 1401 and 1500 kWh	1,662	0.4%	98.3%	\$ 478.20	\$ 569.80	91.60	19.2%	15
16	Between 1501 and 2000 kWh	4,310	0.9%	99.2%	\$ 577.20	\$ 687.69	110.49	19.1%	16
17	Between 2001 and 2500 kWh	1,663	0.4%	99.6%	\$ 769.68	\$ 916.51	146.83	19.1%	17
18	Between 2501 and 3000 kWh	810	0.2%	99.8%	\$ 961.72	\$ 1,144.31	182.59	19.0%	18
19	> 3000 kWh	1,123	0.2%	100.0%	\$ 1,662.70	\$ 1,976.00	313.30	18.8%	19
	Total	457,070	100.0%	100.0%	\$ 112.27	\$ 133.99	21.72	19.3%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	41,188	9.0%	9.0%	\$ 12.03	\$ 14.68	2.65	22.0%	1
2	Between 101 and 200 kWh	70,839	15.5%	24.5%	\$ 25.09	\$ 29.95	4.86	19.4%	2
3	Between 201 and 300 kWh	85,242	18.6%	43.2%	\$ 42.26	\$ 49.79	7.53	17.8%	3
4	Between 301 and 400 kWh	79,263	17.3%	60.5%	\$ 62.81	\$ 73.76	10.95	17.4%	4
5	Between 401 and 500 kWh	59,576	13.0%	73.5%	\$ 92.80	\$ 108.21	15.41	16.6%	5
6	Between 501 and 600 kWh	40,249	8.8%	82.3%	\$ 127.96	\$ 148.66	20.70	16.2%	6
7	Between 601 and 700 kWh	26,087	5.7%	88.0%	\$ 163.71	\$ 189.89	26.18	16.0%	7
8	Between 701 and 800 kWh	16,712	3.7%	91.7%	\$ 199.85	\$ 231.46	31.61	15.8%	8
9	Between 801 and 900 kWh	10,866	2.4%	94.1%	\$ 235.78	\$ 273.14	37.36	15.8%	9
10	Between 901 and 1000 kWh	7,160	1.6%	95.6%	\$ 272.27	\$ 314.87	42.60	15.6%	10
11	Between 1001 and 1100 kWh	4,971	1.1%	96.7%	\$ 308.21	\$ 356.45	48.24	15.7%	11
12	Between 1101 and 1200 kWh	3,377	0.7%	97.5%	\$ 344.64	\$ 399.03	54.39	15.8%	12
13	Between 1201 and 1300 kWh	2,406	0.5%	98.0%	\$ 380.27	\$ 440.40	60.13	15.8%	13
14	Between 1301 and 1400 kWh	1,730	0.4%	98.4%	\$ 416.55	\$ 482.80	66.25	15.9%	14
15	Between 1401 and 1500 kWh	1,315	0.3%	98.7%	\$ 453.56	\$ 524.05	70.49	15.5%	15
16	Between 1501 and 2000 kWh	3,303	0.7%	99.4%	\$ 546.39	\$ 631.53	85.14	15.6%	16
17	Between 2001 and 2500 kWh	1,269	0.3%	99.7%	\$ 734.18	\$ 848.41	114.23	15.6%	17
18	Between 2501 and 3000 kWh	616	0.1%	99.8%	\$ 914.94	\$ 1,053.81	138.87	15.2%	18
19	> 3000 kWh	901	0.2%	100.0%	\$ 1,645.21	\$ 1,879.41	234.20	14.2%	19
	Total	457,070	100.0%	100.0%	\$ 94.88	\$ 108.88	14.00	14.8%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	42,092	9.2%	9.2%	\$ 11.89	\$ 13.11	1.22	10.3%	1
2	Between 101 and 200 kWh	58,654	12.8%	22.0%	\$ 27.46	\$ 33.96	6.50	23.7%	2
3	Between 201 and 300 kWh	71,836	15.7%	37.8%	\$ 46.23	\$ 57.10	10.87	23.5%	3
4	Between 301 and 400 kWh	68,531	15.0%	52.8%	\$ 69.73	\$ 85.82	16.09	23.1%	4
5	Between 401 and 500 kWh	56,572	12.4%	65.1%	\$ 103.42	\$ 127.80	24.38	23.6%	5
6	Between 501 and 600 kWh	42,828	9.4%	74.5%	\$ 141.35	\$ 175.16	33.81	23.9%	6
7	Between 601 and 700 kWh	30,974	6.8%	81.3%	\$ 180.22	\$ 223.41	43.19	24.0%	7
8	Between 701 and 800 kWh	22,282	4.9%	86.2%	\$ 219.21	\$ 272.16	52.95	24.2%	8
9	Between 801 and 900 kWh	15,936	3.5%	89.6%	\$ 258.74	\$ 320.66	61.92	23.9%	9
10	Between 901 and 1000 kWh	11,418	2.5%	92.1%	\$ 298.10	\$ 369.57	71.47	24.0%	10
11	Between 1001 and 1100 kWh	8,300	1.8%	94.0%	\$ 337.29	\$ 418.42	81.13	24.1%	11
12	Between 1101 and 1200 kWh	5,966	1.3%	95.3%	\$ 376.76	\$ 467.22	90.46	24.0%	12
13	Between 1201 and 1300 kWh	4,475	1.0%	96.2%	\$ 416.42	\$ 516.52	100.10	24.0%	13
14	Between 1301 and 1400 kWh	3,270	0.7%	97.0%	\$ 455.89	\$ 565.17	109.28	24.0%	14
15	Between 1401 and 1500 kWh	2,464	0.5%	97.5%	\$ 495.65	\$ 614.35	118.70	23.9%	15
16	Between 1501 and 2000 kWh	6,307	1.4%	98.9%	\$ 595.81	\$ 738.34	142.53	23.9%	16
17	Between 2001 and 2500 kWh	2,438	0.5%	99.4%	\$ 799.32	\$ 988.43	189.11	23.7%	17
18	Between 2501 and 3000 kWh	1,115	0.2%	99.6%	\$ 999.11	\$ 1,233.01	233.90	23.4%	18
19	> 3000 kWh	1,612	0.4%	100.0%	\$ 1,682.14	\$ 2,079.95	397.81	23.6%	19
	Total	457,070	100.0%	100.0%	\$ 129.66	\$ 169.14	39.48	30.4%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,159	3.8%	3.8%	\$ 12.61	\$ 14.88	2.27	18.0%	1
2	Between 101 and 200 kWh	24,634	22.2%	26.0%	\$ 26.29	\$ 31.76	5.47	20.8%	2
3	Between 201 and 300 kWh	31,494	28.4%	54.4%	\$ 44.08	\$ 54.33	10.25	23.3%	3
4	Between 301 and 400 kWh	21,991	19.9%	74.3%	\$ 66.71	\$ 84.44	17.73	26.6%	4
5	Between 401 and 500 kWh	12,910	11.7%	85.9%	\$ 93.90	\$ 119.54	25.64	27.3%	5
6	Between 501 and 600 kWh	6,739	6.1%	92.0%	\$ 123.80	\$ 158.08	34.28	27.7%	6
7	Between 601 and 700 kWh	3,490	3.2%	95.2%	\$ 156.78	\$ 200.42	43.64	27.8%	7
8	Between 701 and 800 kWh	1,894	1.7%	96.9%	\$ 191.39	\$ 243.39	52.00	27.2%	8
9	Between 801 and 900 kWh	1,073	1.0%	97.9%	\$ 227.72	\$ 287.42	59.70	26.2%	9
10	Between 901 and 1000 kWh	654	0.6%	98.5%	\$ 265.47	\$ 332.60	67.13	25.3%	10
11	Between 1001 and 1100 kWh	399	0.4%	98.8%	\$ 302.81	\$ 376.79	73.98	24.4%	11
12	Between 1101 and 1200 kWh	252	0.2%	99.0%	\$ 339.42	\$ 420.34	80.92	23.8%	12
13	Between 1201 and 1300 kWh	232	0.2%	99.2%	\$ 379.18	\$ 467.42	88.24	23.3%	13
14	Between 1301 and 1400 kWh	145	0.1%	99.4%	\$ 417.43	\$ 512.97	95.54	22.9%	14
15	Between 1401 and 1500 kWh	114	0.1%	99.5%	\$ 453.43	\$ 555.75	102.32	22.6%	15
16	Between 1501 and 2000 kWh	289	0.3%	99.7%	\$ 551.31	\$ 672.21	120.90	21.9%	16
17	Between 2001 and 2500 kWh	115	0.1%	99.8%	\$ 746.62	\$ 904.76	158.14	21.2%	17
18	Between 2501 and 3000 kWh	58	0.1%	99.9%	\$ 939.06	\$ 1,133.02	193.96	20.7%	18
19	> 3000 kWh	110	0.1%	100.0%	\$ 1,525.65	\$ 1,826.45	300.80	19.7%	19
	Total	110,752	100.0%	100.0%	\$ 70.46	\$ 88.26	17.80	25.3%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	5,825	5.3%	5.3%	\$ 11.41	\$ 14.04	2.63	23.0%	1
2	Between 101 and 200 kWh	27,838	25.1%	30.4%	\$ 24.56	\$ 29.34	4.78	19.5%	2
3	Between 201 and 300 kWh	31,536	28.5%	58.9%	\$ 40.71	\$ 48.04	7.33	18.0%	3
4	Between 301 and 400 kWh	19,981	18.0%	76.9%	\$ 58.07	\$ 69.44	11.37	19.6%	4
5	Between 401 and 500 kWh	10,809	9.8%	86.7%	\$ 77.06	\$ 95.56	18.50	24.0%	5
6	Between 501 and 600 kWh	5,879	5.3%	92.0%	\$ 99.48	\$ 129.61	30.13	30.3%	6
7	Between 601 and 700 kWh	3,190	2.9%	94.9%	\$ 127.75	\$ 169.00	41.25	32.3%	7
8	Between 701 and 800 kWh	1,927	1.7%	96.6%	\$ 160.63	\$ 209.70	49.07	30.5%	8
9	Between 801 and 900 kWh	1,132	1.0%	97.6%	\$ 195.54	\$ 251.42	55.88	28.6%	9
10	Between 901 and 1000 kWh	699	0.6%	98.3%	\$ 230.91	\$ 292.87	61.96	26.8%	10
11	Between 1001 and 1100 kWh	463	0.4%	98.7%	\$ 267.01	\$ 335.13	68.12	25.5%	11
12	Between 1101 and 1200 kWh	317	0.3%	99.0%	\$ 303.60	\$ 376.90	73.30	24.1%	12
13	Between 1201 and 1300 kWh	258	0.2%	99.2%	\$ 339.47	\$ 417.09	77.62	22.9%	13
14	Between 1301 and 1400 kWh	149	0.1%	99.3%	\$ 376.22	\$ 459.52	83.30	22.1%	14
15	Between 1401 and 1500 kWh	129	0.1%	99.4%	\$ 409.75	\$ 503.78	94.03	22.9%	15
16	Between 1501 and 2000 kWh	333	0.3%	99.7%	\$ 504.49	\$ 611.41	106.92	21.2%	16
17	Between 2001 and 2500 kWh	120	0.1%	99.8%	\$ 684.40	\$ 821.53	137.13	20.0%	17
18	Between 2501 and 3000 kWh	75	0.1%	99.9%	\$ 867.42	\$ 1,034.50	167.08	19.3%	18
19	> 3000 kWh	92	0.1%	100.0%	\$ 1,576.69	\$ 1,795.05	218.36	13.8%	19
	Total	110,752	100.0%	100.0%	\$ 59.49	\$ 71.34	11.85	19.9%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,280	5.7%	5.7%	\$ 12.19	\$ 14.34	2.15	17.6%	1
2	Between 101 and 200 kWh	24,377	22.0%	27.7%	\$ 27.09	\$ 33.66	6.57	24.3%	2
3	Between 201 and 300 kWh	27,637	25.0%	52.6%	\$ 45.51	\$ 57.84	12.33	27.1%	3
4	Between 301 and 400 kWh	20,146	18.2%	70.8%	\$ 70.21	\$ 94.96	24.75	35.3%	4
5	Between 401 and 500 kWh	13,018	11.8%	82.6%	\$ 103.73	\$ 141.04	37.31	36.0%	5
6	Between 501 and 600 kWh	7,792	7.0%	89.6%	\$ 141.42	\$ 189.16	47.74	33.8%	6
7	Between 601 and 700 kWh	4,477	4.0%	93.7%	\$ 180.13	\$ 237.42	57.29	31.8%	7
8	Between 701 and 800 kWh	2,501	2.3%	95.9%	\$ 219.04	\$ 286.14	67.10	30.6%	8
9	Between 801 and 900 kWh	1,491	1.3%	97.3%	\$ 258.76	\$ 334.12	75.36	29.1%	9
10	Between 901 and 1000 kWh	894	0.8%	98.1%	\$ 297.48	\$ 383.62	86.14	29.0%	10
11	Between 1001 and 1100 kWh	550	0.5%	98.6%	\$ 337.14	\$ 432.74	95.60	28.4%	11
12	Between 1101 and 1200 kWh	380	0.3%	98.9%	\$ 377.10	\$ 482.30	105.20	27.9%	12
13	Between 1201 and 1300 kWh	248	0.2%	99.1%	\$ 416.16	\$ 532.00	115.84	27.8%	13
14	Between 1301 and 1400 kWh	162	0.1%	99.3%	\$ 456.64	\$ 579.52	122.88	26.9%	14
15	Between 1401 and 1500 kWh	127	0.1%	99.4%	\$ 495.88	\$ 629.75	133.87	27.0%	15
16	Between 1501 and 2000 kWh	343	0.3%	99.7%	\$ 597.94	\$ 757.62	159.68	26.7%	16
17	Between 2001 and 2500 kWh	137	0.1%	99.8%	\$ 794.60	\$ 1,003.01	208.41	26.2%	17
18	Between 2501 and 3000 kWh	65	0.1%	99.9%	\$ 998.47	\$ 1,252.30	253.83	25.4%	18
19	> 3000 kWh	127	0.1%	100.0%	\$ 1,601.96	\$ 2,031.93	429.97	26.8%	19
	Total	110,752	100.0%	100.0%	\$ 81.43	\$ 111.93	30.50	37.5%	



REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	22,821	7.4%	7.4%	\$ 15.64	\$ 18.05	2.41	15.4%	1
2	Between 101 and 200 kWh	25,963	8.4%	15.9%	\$ 30.10	\$ 36.06	5.96	19.8%	2
3	Between 201 and 300 kWh	40,400	13.1%	29.0%	\$ 47.77	\$ 57.26	9.49	19.9%	3
4	Between 301 and 400 kWh	48,526	15.8%	44.8%	\$ 69.46	\$ 83.34	13.88	20.0%	4
5	Between 401 and 500 kWh	46,294	15.1%	59.8%	\$ 97.61	\$ 117.35	19.74	20.2%	5
6	Between 501 and 600 kWh	37,388	12.2%	72.0%	\$ 131.65	\$ 158.34	26.69	20.3%	6
7	Between 601 and 700 kWh	27,327	8.9%	80.9%	\$ 167.80	\$ 201.71	33.91	20.2%	7
8	Between 701 and 800 kWh	19,036	6.2%	87.1%	\$ 205.03	\$ 246.20	41.17	20.1%	8
9	Between 801 and 900 kWh	12,868	4.2%	91.3%	\$ 242.58	\$ 290.97	48.39	19.9%	9
10	Between 901 and 1000 kWh	8,491	2.8%	94.0%	\$ 280.07	\$ 335.63	55.56	19.8%	10
11	Between 1001 and 1100 kWh	5,468	1.8%	95.8%	\$ 318.07	\$ 380.88	62.81	19.7%	11
12	Between 1101 and 1200 kWh	3,674	1.2%	97.0%	\$ 355.60	\$ 425.50	69.90	19.7%	12
13	Between 1201 and 1300 kWh	2,406	0.8%	97.8%	\$ 394.21	\$ 471.59	77.38	19.6%	13
14	Between 1301 and 1400 kWh	1,672	0.5%	98.3%	\$ 430.75	\$ 515.04	84.29	19.6%	14
15	Between 1401 and 1500 kWh	1,136	0.4%	98.7%	\$ 469.23	\$ 560.64	91.41	19.5%	15
16	Between 1501 and 2000 kWh	2,539	0.8%	99.5%	\$ 563.98	\$ 673.01	109.03	19.3%	16
17	Between 2001 and 2500 kWh	783	0.3%	99.8%	\$ 755.31	\$ 899.59	144.28	19.1%	17
18	Between 2501 and 3000 kWh	330	0.1%	99.9%	\$ 951.90	\$ 1,132.92	181.02	19.0%	18
19	> 3000 kWh	398	0.1%	100.0%	\$ 1,684.09	\$ 2,003.35	319.26	19.0%	19
	Total	307,520	100.0%	100.0%	\$ 123.97	\$ 148.66	24.69	19.9%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	30,868	10.0%	10.0%	\$ 14.27	\$ 17.75	3.48	24.4%	1
2	Between 101 and 200 kWh	31,317	10.2%	20.2%	\$ 27.61	\$ 33.02	5.51	20.0%	2
3	Between 201 and 300 kWh	50,144	16.3%	36.5%	\$ 43.28	\$ 51.15	7.87	18.2%	3
4	Between 301 and 400 kWh	56,117	18.2%	54.8%	\$ 62.45	\$ 73.33	10.88	17.4%	4
5	Between 401 and 500 kWh	46,318	15.1%	69.8%	\$ 90.61	\$ 105.73	15.12	16.7%	5
6	Between 501 and 600 kWh	32,390	10.5%	80.4%	\$ 125.10	\$ 145.42	20.32	16.2%	6
7	Between 601 and 700 kWh	21,151	6.9%	87.2%	\$ 160.15	\$ 186.03	25.88	16.2%	7
8	Between 701 and 800 kWh	13,502	4.4%	91.6%	\$ 195.90	\$ 227.15	31.25	16.0%	8
9	Between 801 and 900 kWh	8,340	2.7%	94.4%	\$ 231.42	\$ 268.57	37.15	16.1%	9
10	Between 901 and 1000 kWh	5,345	1.7%	96.1%	\$ 267.39	\$ 309.98	42.59	15.9%	10
11	Between 1001 and 1100 kWh	3,533	1.1%	97.2%	\$ 303.09	\$ 351.48	48.39	16.0%	11
12	Between 1101 and 1200 kWh	2,328	0.8%	98.0%	\$ 339.50	\$ 392.67	53.17	15.7%	12
13	Between 1201 and 1300 kWh	1,504	0.5%	98.5%	\$ 375.50	\$ 434.79	59.29	15.8%	13
14	Between 1301 and 1400 kWh	1,051	0.3%	98.8%	\$ 410.46	\$ 476.85	66.39	16.2%	14
15	Between 1401 and 1500 kWh	712	0.2%	99.1%	\$ 446.68	\$ 517.85	71.17	15.9%	15
16	Between 1501 and 2000 kWh	1,704	0.6%	99.6%	\$ 539.28	\$ 623.42	84.14	15.6%	16
17	Between 2001 and 2500 kWh	584	0.2%	99.8%	\$ 729.82	\$ 841.07	111.25	15.2%	17
18	Between 2501 and 3000 kWh	257	0.1%	99.9%	\$ 911.36	\$ 1,051.19	139.83	15.3%	18
19	> 3000 kWh	355	0.1%	100.0%	\$ 1,594.12	\$ 1,847.47	253.35	15.9%	19
	Total	307,520	100.0%	100.0%	\$ 97.35	\$ 112.06	14.71	15.1%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	28,139	9.2%	9.2%	\$ 13.00	\$ 14.00	1.00	7.7%	1
2	Between 101 and 200 kWh	20,738	6.7%	15.9%	\$ 29.68	\$ 35.85	6.17	20.8%	2
3	Between 201 and 300 kWh	31,396	10.2%	26.1%	\$ 47.64	\$ 58.52	10.88	22.8%	3
4	Between 301 and 400 kWh	37,999	12.4%	38.5%	\$ 68.79	\$ 84.23	15.44	22.4%	4
5	Between 401 and 500 kWh	39,042	12.7%	51.2%	\$ 97.08	\$ 119.25	22.17	22.8%	5
6	Between 501 and 600 kWh	35,052	11.4%	62.6%	\$ 132.40	\$ 163.31	30.91	23.3%	6
7	Between 601 and 700 kWh	29,203	9.5%	72.1%	\$ 170.23	\$ 210.48	40.25	23.6%	7
8	Between 701 and 800 kWh	22,781	7.4%	79.5%	\$ 208.41	\$ 258.30	49.89	23.9%	8
9	Between 801 and 900 kWh	17,218	5.6%	85.1%	\$ 247.17	\$ 306.47	59.30	24.0%	9
10	Between 901 and 1000 kWh	12,735	4.1%	89.2%	\$ 286.24	\$ 355.07	68.83	24.0%	10
11	Between 1001 and 1100 kWh	9,287	3.0%	92.2%	\$ 325.42	\$ 403.68	78.26	24.0%	11
12	Between 1101 and 1200 kWh	6,575	2.1%	94.4%	\$ 364.81	\$ 452.53	87.72	24.0%	12
13	Between 1201 and 1300 kWh	4,533	1.5%	95.8%	\$ 403.50	\$ 501.36	97.86	24.3%	13
14	Between 1301 and 1400 kWh	3,255	1.1%	96.9%	\$ 443.56	\$ 549.24	105.68	23.8%	14
15	Between 1401 and 1500 kWh	2,189	0.7%	97.6%	\$ 482.46	\$ 599.04	116.58	24.2%	15
16	Between 1501 and 2000 kWh	4,916	1.6%	99.2%	\$ 580.10	\$ 718.33	138.23	23.8%	16
17	Between 2001 and 2500 kWh	1,362	0.4%	99.6%	\$ 780.97	\$ 967.88	186.91	23.9%	17
18	Between 2501 and 3000 kWh	519	0.2%	99.8%	\$ 980.94	\$ 1,215.91	234.97	24.0%	18
19	> 3000 kWh	581	0.2%	100.0%	\$ 1,709.68	\$ 2,099.34	389.66	22.8%	19
	Total	307,520	100.0%	100.0%	\$ 150.59	\$ 199.89	49.30	32.7%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,516	3.4%	3.4%	\$ 17.31	\$ 20.30	2.99	17.3%	1
2	Between 101 and 200 kWh	9,191	12.6%	16.0%	\$ 27.98	\$ 33.70	5.72	20.4%	2
3	Between 201 and 300 kWh	15,831	21.7%	37.7%	\$ 44.73	\$ 54.26	9.53	21.3%	3
4	Between 301 and 400 kWh	14,188	19.4%	57.2%	\$ 65.81	\$ 81.03	15.22	23.1%	4
5	Between 401 and 500 kWh	9,833	13.5%	70.6%	\$ 90.85	\$ 112.68	21.83	24.0%	5
6	Between 501 and 600 kWh	6,414	8.8%	79.4%	\$ 118.70	\$ 147.17	28.47	24.0%	6
7	Between 601 and 700 kWh	4,102	5.6%	85.1%	\$ 148.92	\$ 184.78	35.86	24.1%	7
8	Between 701 and 800 kWh	2,806	3.8%	88.9%	\$ 182.04	\$ 226.06	44.02	24.2%	8
9	Between 801 and 900 kWh	2,111	2.9%	91.8%	\$ 215.97	\$ 267.86	51.89	24.0%	9
10	Between 901 and 1000 kWh	1,523	2.1%	93.9%	\$ 252.74	\$ 312.19	59.45	23.5%	10
11	Between 1001 and 1100 kWh	1,074	1.5%	95.3%	\$ 289.49	\$ 355.98	66.49	23.0%	11
12	Between 1101 and 1200 kWh	812	1.1%	96.5%	\$ 326.30	\$ 399.67	73.37	22.5%	12
13	Between 1201 and 1300 kWh	641	0.9%	97.3%	\$ 363.70	\$ 443.85	80.15	22.0%	13
14	Between 1301 and 1400 kWh	490	0.7%	98.0%	\$ 402.28	\$ 489.72	87.44	21.7%	14
15	Between 1401 and 1500 kWh	355	0.5%	98.5%	\$ 438.42	\$ 532.46	94.04	21.4%	15
16	Between 1501 and 2000 kWh	733	1.0%	99.5%	\$ 534.23	\$ 646.05	111.82	20.9%	16
17	Between 2001 and 2500 kWh	199	0.3%	99.8%	\$ 722.83	\$ 870.03	147.20	20.4%	17
18	Between 2501 and 3000 kWh	80	0.1%	99.9%	\$ 919.74	\$ 1,103.74	184.00	20.0%	18
19	> 3000 kWh	87	0.1%	100.0%	\$ 1,478.55	\$ 1,767.34	288.79	19.5%	19
	Total	72,986	100.0%	100.0%	\$ 102.20	\$ 125.55	23.35	22.8%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,372	4.6%	4.6%	\$ 14.64	\$ 18.84	4.20	28.7%	1
2	Between 101 and 200 kWh	12,330	16.9%	21.5%	\$ 25.69	\$ 30.82	5.13	20.0%	2
3	Between 201 and 300 kWh	16,917	23.2%	44.7%	\$ 41.41	\$ 49.84	7.43	17.9%	3
4	Between 301 and 400 kWh	12,726	17.4%	62.1%	\$ 58.74	\$ 69.28	10.54	17.9%	4
5	Between 401 and 500 kWh	8,260	11.3%	73.4%	\$ 77.13	\$ 91.94	14.81	19.2%	5
6	Between 501 and 600 kWh	5,134	7.0%	80.5%	\$ 97.09	\$ 118.90	21.81	22.5%	6
7	Between 601 and 700 kWh	3,497	4.8%	85.3%	\$ 121.08	\$ 152.08	31.00	25.6%	7
8	Between 701 and 800 kWh	2,612	3.6%	88.8%	\$ 149.78	\$ 190.63	40.85	27.3%	8
9	Between 801 and 900 kWh	1,970	2.7%	91.5%	\$ 182.04	\$ 230.63	48.59	26.7%	9
10	Between 901 and 1000 kWh	1,506	2.1%	93.6%	\$ 216.62	\$ 270.85	54.23	25.0%	10
11	Between 1001 and 1100 kWh	1,087	1.5%	95.1%	\$ 251.63	\$ 311.71	60.08	23.9%	11
12	Between 1101 and 1200 kWh	865	1.2%	96.3%	\$ 288.56	\$ 353.35	64.79	22.5%	12
13	Between 1201 and 1300 kWh	616	0.8%	97.1%	\$ 323.18	\$ 394.41	71.23	22.0%	13
14	Between 1301 and 1400 kWh	508	0.7%	97.8%	\$ 359.60	\$ 436.29	76.69	21.3%	14
15	Between 1401 and 1500 kWh	350	0.5%	98.3%	\$ 395.51	\$ 478.40	82.89	21.0%	15
16	Between 1501 and 2000 kWh	818	1.1%	99.4%	\$ 484.55	\$ 581.97	97.42	20.1%	16
17	Between 2001 and 2500 kWh	236	0.3%	99.8%	\$ 671.49	\$ 795.22	123.73	18.4%	17
18	Between 2501 and 3000 kWh	96	0.1%	99.9%	\$ 847.67	\$ 996.99	149.32	17.6%	18
19	> 3000 kWh	96	0.1%	100.0%	\$ 1,342.14	\$ 1,580.21	238.07	17.7%	19
	Total	72,986	100.0%	100.0%	\$ 85.62	\$ 101.13	15.51	18.1%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,311	5.9%	5.9%	\$ 13.50	\$ 14.95	1.45	10.7%	1
2	Between 101 and 200 kWh	8,155	11.2%	17.1%	\$ 28.26	\$ 35.01	6.75	23.9%	2
3	Between 201 and 300 kWh	12,960	17.8%	34.8%	\$ 46.04	\$ 57.54	11.50	25.0%	3
4	Between 301 and 400 kWh	12,744	17.5%	52.3%	\$ 67.56	\$ 85.75	18.19	26.9%	4
5	Between 401 and 500 kWh	10,065	13.8%	66.1%	\$ 95.67	\$ 124.36	28.69	30.0%	5
6	Between 501 and 600 kWh	7,166	9.8%	75.9%	\$ 130.65	\$ 170.21	39.56	30.3%	6
7	Between 601 and 700 kWh	4,890	6.7%	82.6%	\$ 167.95	\$ 217.51	49.56	29.5%	7
8	Between 701 and 800 kWh	3,457	4.7%	87.3%	\$ 206.49	\$ 266.40	59.91	29.0%	8
9	Between 801 and 900 kWh	2,360	3.2%	90.6%	\$ 245.70	\$ 314.32	68.62	27.9%	9
10	Between 901 and 1000 kWh	1,684	2.3%	92.9%	\$ 285.68	\$ 363.50	77.82	27.2%	10
11	Between 1001 and 1100 kWh	1,293	1.8%	94.7%	\$ 324.13	\$ 412.23	88.10	27.2%	11
12	Between 1101 and 1200 kWh	957	1.3%	96.0%	\$ 363.24	\$ 460.25	97.01	26.7%	12
13	Between 1201 and 1300 kWh	731	1.0%	97.0%	\$ 402.41	\$ 509.27	106.86	26.6%	13
14	Between 1301 and 1400 kWh	519	0.7%	97.7%	\$ 442.97	\$ 558.45	115.48	26.1%	14
15	Between 1401 and 1500 kWh	388	0.5%	98.2%	\$ 479.70	\$ 604.97	125.27	26.1%	15
16	Between 1501 and 2000 kWh	878	1.2%	99.4%	\$ 580.52	\$ 730.22	149.70	25.8%	16
17	Between 2001 and 2500 kWh	213	0.3%	99.7%	\$ 781.57	\$ 978.73	197.16	25.2%	17
18	Between 2501 and 3000 kWh	104	0.1%	99.8%	\$ 981.81	\$ 1,233.72	251.91	25.7%	18
19	> 3000 kWh	111	0.2%	100.0%	\$ 1,554.70	\$ 1,922.29	367.59	23.6%	19
	Total	72,986	100.0%	100.0%	\$ 118.78	\$ 159.75	40.97	34.5%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,289	16.2%	16.2%	\$ 12.60	\$ 14.27	1.67	13.3%	1
2	Between 101 and 200 kWh	681	8.6%	24.8%	\$ 28.96	\$ 34.62	5.66	19.5%	2
3	Between 201 and 300 kWh	685	8.6%	33.5%	\$ 47.87	\$ 57.13	9.26	19.3%	3
4	Between 301 and 400 kWh	723	9.1%	42.6%	\$ 67.46	\$ 80.54	13.08	19.4%	4
5	Between 401 and 500 kWh	808	10.2%	52.8%	\$ 88.58	\$ 105.87	17.29	19.5%	5
6	Between 501 and 600 kWh	841	10.6%	63.4%	\$ 115.37	\$ 138.11	22.74	19.7%	6
7	Between 601 and 700 kWh	758	9.6%	72.9%	\$ 146.36	\$ 175.31	28.95	19.8%	7
8	Between 701 and 800 kWh	594	7.5%	80.4%	\$ 179.99	\$ 215.60	35.61	19.8%	8
9	Between 801 and 900 kWh	418	5.3%	85.7%	\$ 215.74	\$ 258.24	42.50	19.7%	9
10	Between 901 and 1000 kWh	301	3.8%	89.5%	\$ 250.15	\$ 299.44	49.29	19.7%	10
11	Between 1001 and 1100 kWh	234	2.9%	92.4%	\$ 287.72	\$ 343.99	56.27	19.6%	11
12	Between 1101 and 1200 kWh	154	1.9%	94.4%	\$ 323.49	\$ 387.06	63.57	19.7%	12
13	Between 1201 and 1300 kWh	111	1.4%	95.8%	\$ 359.08	\$ 428.54	69.46	19.3%	13
14	Between 1301 and 1400 kWh	67	0.8%	96.6%	\$ 397.47	\$ 475.22	77.75	19.6%	14
15	Between 1401 and 1500 kWh	64	0.8%	97.4%	\$ 434.17	\$ 517.46	83.29	19.2%	15
16	Between 1501 and 2000 kWh	135	1.7%	99.1%	\$ 536.29	\$ 639.20	102.91	19.2%	16
17	Between 2001 and 2500 kWh	33	0.4%	99.5%	\$ 711.91	\$ 847.13	135.22	19.0%	17
18	Between 2501 and 3000 kWh	17	0.2%	99.7%	\$ 892.91	\$ 1,062.09	169.18	18.9%	18
19	> 3000 kWh	21	0.3%	100.0%	\$ 1,756.68	\$ 2,081.99	325.31	18.5%	19
	Total	7,934	100.0%	100.0%	\$ 129.67	\$ 154.87	25.20	19.4%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,545	19.5%	19.5%	\$ 11.52	\$ 13.90	2.38	20.7%	1
2	Between 101 and 200 kWh	672	8.5%	27.9%	\$ 27.79	\$ 33.02	5.24	18.9%	2
3	Between 201 and 300 kWh	658	8.3%	36.2%	\$ 44.55	\$ 52.36	7.81	17.5%	3
4	Between 301 and 400 kWh	837	10.5%	46.8%	\$ 61.35	\$ 72.42	11.07	18.0%	4
5	Between 401 and 500 kWh	933	11.8%	58.5%	\$ 80.75	\$ 94.00	13.25	16.4%	5
6	Between 501 and 600 kWh	805	10.1%	68.7%	\$ 105.60	\$ 123.15	17.55	16.6%	6
7	Between 601 and 700 kWh	683	8.6%	77.3%	\$ 135.78	\$ 157.74	21.96	16.2%	7
8	Between 701 and 800 kWh	496	6.3%	83.6%	\$ 169.49	\$ 196.60	27.11	16.0%	8
9	Between 801 and 900 kWh	345	4.3%	87.9%	\$ 203.43	\$ 234.66	31.23	15.4%	9
10	Between 901 and 1000 kWh	259	3.3%	91.2%	\$ 234.57	\$ 274.21	39.64	16.9%	10
11	Between 1001 and 1100 kWh	168	2.1%	93.3%	\$ 270.06	\$ 311.57	41.51	15.4%	11
12	Between 1101 and 1200 kWh	116	1.5%	94.7%	\$ 298.76	\$ 350.56	51.80	17.3%	12
13	Between 1201 and 1300 kWh	110	1.4%	96.1%	\$ 332.94	\$ 387.52	54.58	16.4%	13
14	Between 1301 and 1400 kWh	55	0.7%	96.8%	\$ 380.74	\$ 436.58	55.84	14.7%	14
15	Between 1401 and 1500 kWh	58	0.7%	97.6%	\$ 398.87	\$ 474.07	75.20	18.9%	15
16	Between 1501 and 2000 kWh	111	1.4%	99.0%	\$ 490.88	\$ 574.79	83.91	17.1%	16
17	Between 2001 and 2500 kWh	43	0.5%	99.5%	\$ 669.83	\$ 781.26	111.43	16.6%	17
18	Between 2501 and 3000 kWh	17	0.2%	99.7%	\$ 878.12	\$ 983.68	105.56	12.0%	18
19	> 3000 kWh	23	0.3%	100.0%	\$ 1,571.04	\$ 1,751.19	180.15	11.5%	19
	Total	7,934	100.0%	200.0%	\$ 110.95	\$ 127.15	16.20	14.6%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,367	17.2%	17.2%	\$ 10.94	\$ 11.55	0.61	5.6%	1
2	Between 101 and 200 kWh	690	8.7%	25.9%	\$ 27.44	\$ 33.32	5.88	21.4%	2
3	Between 201 and 300 kWh	620	7.8%	33.7%	\$ 46.82	\$ 57.55	10.63	22.7%	3
4	Between 301 and 400 kWh	652	8.2%	42.0%	\$ 66.69	\$ 81.71	15.02	22.5%	4
5	Between 401 and 500 kWh	663	8.4%	50.3%	\$ 87.73	\$ 107.50	19.77	22.5%	5
6	Between 501 and 600 kWh	651	8.2%	58.5%	\$ 113.36	\$ 139.38	26.02	23.0%	6
7	Between 601 and 700 kWh	712	9.0%	67.5%	\$ 147.88	\$ 181.77	33.89	22.9%	7
8	Between 701 and 800 kWh	578	7.3%	74.8%	\$ 182.46	\$ 226.61	44.15	24.2%	8
9	Between 801 and 900 kWh	472	5.9%	80.7%	\$ 221.52	\$ 274.72	53.20	24.0%	9
10	Between 901 and 1000 kWh	359	4.5%	85.3%	\$ 260.18	\$ 322.59	62.41	24.0%	10
11	Between 1001 and 1100 kWh	293	3.7%	88.9%	\$ 298.39	\$ 371.40	73.01	24.5%	11
12	Between 1101 and 1200 kWh	187	2.4%	91.3%	\$ 336.31	\$ 418.36	82.05	24.4%	12
13	Between 1201 and 1300 kWh	164	2.1%	93.4%	\$ 376.64	\$ 469.07	92.43	24.5%	13
14	Between 1301 and 1400 kWh	135	1.7%	95.1%	\$ 414.03	\$ 515.29	101.26	24.5%	14
15	Between 1401 and 1500 kWh	82	1.0%	96.1%	\$ 455.26	\$ 560.87	105.61	23.2%	15
16	Between 1501 and 2000 kWh	207	2.6%	98.7%	\$ 555.83	\$ 688.81	132.98	23.9%	16
17	Between 2001 and 2500 kWh	50	0.6%	99.3%	\$ 762.43	\$ 932.32	169.89	22.3%	17
18	Between 2501 and 3000 kWh	28	0.4%	99.7%	\$ 955.95	\$ 1,193.40	237.45	24.8%	18
19	> 3000 kWh	24	0.3%	100.0%	\$ 1,873.44	\$ 2,273.93	400.49	21.4%	19
	Total	7,934	100.0%	100.0%	\$ 148.39	\$ 193.68	45.29	30.5%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	323	8.8%	8.8%	\$ 13.96	\$ 15.86	1.90	13.6%	1
2	Between 101 and 200 kWh	233	6.4%	15.2%	\$ 28.35	\$ 33.95	5.60	19.8%	2
3	Between 201 and 300 kWh	231	6.3%	21.5%	\$ 46.28	\$ 55.16	8.88	19.2%	3
4	Between 301 and 400 kWh	267	7.3%	28.7%	\$ 64.96	\$ 77.42	12.46	19.2%	4
5	Between 401 and 500 kWh	281	7.7%	36.4%	\$ 82.55	\$ 98.56	16.01	19.4%	5
6	Between 501 and 600 kWh	345	9.4%	45.8%	\$ 102.56	\$ 123.07	20.51	20.0%	6
7	Between 601 and 700 kWh	349	9.5%	55.3%	\$ 123.19	\$ 148.50	25.31	20.5%	7
8	Between 701 and 800 kWh	322	8.8%	64.1%	\$ 148.00	\$ 179.00	31.00	20.9%	8
9	Between 801 and 900 kWh	296	8.1%	72.2%	\$ 177.60	\$ 215.10	37.50	21.1%	9
10	Between 901 and 1000 kWh	250	6.8%	79.0%	\$ 206.58	\$ 250.21	43.63	21.1%	10
11	Between 1001 and 1100 kWh	211	5.8%	84.7%	\$ 237.87	\$ 287.68	49.81	20.9%	11
12	Between 1101 and 1200 kWh	136	3.7%	88.4%	\$ 270.47	\$ 327.44	56.97	21.1%	12
13	Between 1201 and 1300 kWh	102	2.8%	91.2%	\$ 307.04	\$ 371.68	64.64	21.1%	13
14	Between 1301 and 1400 kWh	81	2.2%	93.4%	\$ 343.88	\$ 416.05	72.17	21.0%	14
15	Between 1401 and 1500 kWh	61	1.7%	95.1%	\$ 376.10	\$ 455.45	79.35	21.1%	15
16	Between 1501 and 2000 kWh	125	3.4%	98.5%	\$ 467.56	\$ 563.42	95.86	20.5%	16
17	Between 2001 and 2500 kWh	26	0.7%	99.2%	\$ 664.71	\$ 796.97	132.26	19.9%	17
18	Between 2501 and 3000 kWh	10	0.3%	99.5%	\$ 863.22	\$ 1,034.47	171.25	19.8%	18
19	> 3000 kWh	19	0.5%	100.0%	\$ 1,275.27	\$ 1,520.68	245.41	19.2%	19
	Total	3,668	100.0%	100.0%	\$ 155.47	\$ 187.39	31.92	20.5%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	372	10.1%	10.1%	\$ 12.96	\$ 15.33	2.37	18.3%	1
2	Between 101 and 200 kWh	211	5.8%	15.9%	\$ 26.77	\$ 31.40	4.63	17.3%	2
3	Between 201 and 300 kWh	210	5.7%	21.6%	\$ 44.63	\$ 51.10	6.47	14.5%	3
4	Between 301 and 400 kWh	236	6.4%	28.1%	\$ 59.95	\$ 71.19	11.24	18.7%	4
5	Between 401 and 500 kWh	295	8.0%	36.1%	\$ 78.28	\$ 92.33	14.05	17.9%	5
6	Between 501 and 600 kWh	332	9.1%	45.1%	\$ 94.52	\$ 110.99	16.47	17.4%	6
7	Between 601 and 700 kWh	304	8.3%	53.4%	\$ 112.04	\$ 132.30	20.26	18.1%	7
8	Between 701 and 800 kWh	317	8.6%	62.1%	\$ 130.58	\$ 154.81	24.23	18.6%	8
9	Between 801 and 900 kWh	271	7.4%	69.5%	\$ 152.03	\$ 180.04	28.01	18.4%	9
10	Between 901 and 1000 kWh	250	6.8%	76.3%	\$ 172.66	\$ 206.03	33.37	19.3%	10
11	Between 1001 and 1100 kWh	200	5.5%	81.7%	\$ 199.15	\$ 242.10	42.95	21.6%	11
12	Between 1101 and 1200 kWh	167	4.6%	86.3%	\$ 227.97	\$ 276.84	48.87	21.4%	12
13	Between 1201 and 1300 kWh	109	3.0%	89.3%	\$ 255.75	\$ 312.75	57.00	22.3%	13
14	Between 1301 and 1400 kWh	101	2.8%	92.0%	\$ 291.00	\$ 353.29	62.29	21.4%	14
15	Between 1401 and 1500 kWh	70	1.9%	93.9%	\$ 324.99	\$ 392.27	67.28	20.7%	15
16	Between 1501 and 2000 kWh	148	4.0%	98.0%	\$ 409.65	\$ 494.28	84.63	20.7%	16
17	Between 2001 and 2500 kWh	43	1.2%	99.1%	\$ 580.54	\$ 709.05	128.51	22.1%	17
18	Between 2501 and 3000 kWh	15	0.4%	99.5%	\$ 812.58	\$ 940.65	128.07	15.8%	18
19	> 3000 kWh	17	0.5%	100.0%	\$ 1,258.55	\$ 1,428.08	169.53	13.5%	19
	Total	3,668	100.0%	100.0%	\$ 143.23	\$ 165.72	22.49	15.7%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	404	11.0%	11.0%	\$ 11.31	\$ 12.21	0.90	8.0%	1
2	Between 101 and 200 kWh	248	6.8%	17.8%	\$ 27.04	\$ 32.45	5.41	20.0%	2
3	Between 201 and 300 kWh	248	6.8%	24.5%	\$ 48.90	\$ 58.33	11.43	24.4%	3
4	Between 301 and 400 kWh	271	7.4%	31.9%	\$ 66.30	\$ 81.44	15.14	22.8%	4
5	Between 401 and 500 kWh	309	8.4%	40.3%	\$ 84.41	\$ 104.48	20.07	23.8%	5
6	Between 501 and 600 kWh	335	9.1%	49.5%	\$ 105.79	\$ 130.83	25.04	23.7%	6
7	Between 601 and 700 kWh	319	8.7%	58.2%	\$ 132.79	\$ 165.89	33.10	24.9%	7
8	Between 701 and 800 kWh	300	8.2%	66.4%	\$ 162.09	\$ 207.93	45.84	28.3%	8
9	Between 801 and 900 kWh	262	7.1%	73.5%	\$ 197.80	\$ 254.78	56.98	28.8%	9
10	Between 901 and 1000 kWh	234	6.4%	79.9%	\$ 235.53	\$ 302.92	67.39	28.6%	10
11	Between 1001 and 1100 kWh	172	4.7%	84.6%	\$ 273.56	\$ 345.79	72.23	26.4%	11
12	Between 1101 and 1200 kWh	128	3.5%	88.1%	\$ 314.43	\$ 398.75	84.32	26.8%	12
13	Between 1201 and 1300 kWh	104	2.8%	90.9%	\$ 351.53	\$ 445.70	94.17	26.8%	13
14	Between 1301 and 1400 kWh	65	1.8%	92.7%	\$ 390.84	\$ 490.96	100.12	25.6%	14
15	Between 1401 and 1500 kWh	67	1.8%	94.5%	\$ 431.55	\$ 543.87	112.32	26.0%	15
16	Between 1501 and 2000 kWh	143	3.9%	98.4%	\$ 530.34	\$ 665.78	135.44	25.5%	16
17	Between 2001 and 2500 kWh	28	0.8%	99.2%	\$ 741.24	\$ 915.66	174.42	23.5%	17
18	Between 2501 and 3000 kWh	12	0.3%	99.5%	\$ 930.02	\$ 1,180.13	250.11	26.9%	18
19	> 3000 kWh	19	0.5%	100.0%	\$ 1,521.43	\$ 1,906.43	385.00	25.3%	19
	Total	3,668	100.0%	100.0%	\$ 167.71	\$ 217.72	50.01	29.8%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	186	17.1%	17.1%	\$ 14.15	\$ 16.25	2.10	14.8%	1
2	Between 101 and 200 kWh	194	17.9%	35.0%	\$ 27.77	\$ 33.10	5.33	19.2%	2
3	Between 201 and 300 kWh	128	11.8%	46.8%	\$ 46.26	\$ 55.39	9.13	19.7%	3
4	Between 301 and 400 kWh	127	11.7%	58.5%	\$ 72.00	\$ 86.51	14.51	20.2%	4
5	Between 401 and 500 kWh	110	10.1%	68.7%	\$ 95.02	\$ 114.92	19.90	20.9%	5
6	Between 501 and 600 kWh	86	7.9%	76.6%	\$ 121.22	\$ 146.65	25.43	21.0%	6
7	Between 601 and 700 kWh	57	5.3%	81.8%	\$ 148.98	\$ 180.39	31.41	21.1%	7
8	Between 701 and 800 kWh	43	4.0%	85.8%	\$ 181.01	\$ 219.65	38.64	21.3%	8
9	Between 801 and 900 kWh	36	3.3%	89.1%	\$ 226.08	\$ 275.28	49.20	21.8%	9
10	Between 901 and 1000 kWh	29	2.7%	91.8%	\$ 251.71	\$ 305.73	54.02	21.5%	10
11	Between 1001 and 1100 kWh	20	1.8%	93.6%	\$ 295.64	\$ 358.28	62.64	21.2%	11
12	Between 1101 and 1200 kWh	12	1.1%	94.7%	\$ 321.49	\$ 390.49	69.00	21.5%	12
13	Between 1201 and 1300 kWh	15	1.4%	96.1%	\$ 361.10	\$ 440.07	78.97	21.9%	13
14	Between 1301 and 1400 kWh	9	0.8%	97.0%	\$ 412.51	\$ 498.81	86.30	20.9%	14
15	Between 1401 and 1500 kWh	6	0.6%	97.5%	\$ 445.13	\$ 533.69	88.56	19.9%	15
16	Between 1501 and 2000 kWh	12	1.1%	98.5%	\$ 532.43	\$ 641.37	108.94	20.5%	16
17	Between 2001 and 2500 kWh	9	0.8%	99.4%	\$ 746.13	\$ 892.55	146.42	19.6%	17
18	Between 2501 and 3000 kWh	2	0.2%	99.6%	\$ 904.02	\$ 1,089.26	185.24	20.5%	18
19	> 3000 kWh	4	0.4%	100.0%	\$ 3,212.29	\$ 3,811.75	599.46	18.7%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 115.21</b>	<b>\$ 138.78</b>	<b>23.57</b>	<b>20.5%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	230	21.2%	21.2%	\$ 10.96	\$ 13.51	2.55	23.3%	1
2	Between 101 and 200 kWh	188	17.3%	38.5%	\$ 24.93	\$ 30.84	5.91	23.7%	2
3	Between 201 and 300 kWh	171	15.8%	54.3%	\$ 41.89	\$ 49.82	8.03	19.2%	3
4	Between 301 and 400 kWh	129	11.9%	66.2%	\$ 62.82	\$ 73.94	11.12	17.7%	4
5	Between 401 and 500 kWh	108	10.0%	76.1%	\$ 87.03	\$ 103.69	16.66	19.1%	5
6	Between 501 and 600 kWh	80	7.4%	83.5%	\$ 114.57	\$ 134.29	19.72	17.2%	6
7	Between 601 and 700 kWh	56	5.2%	88.7%	\$ 148.17	\$ 175.51	27.34	18.5%	7
8	Between 701 and 800 kWh	28	2.6%	91.2%	\$ 183.86	\$ 213.15	29.29	15.9%	8
9	Between 801 and 900 kWh	25	2.3%	93.5%	\$ 214.63	\$ 254.25	39.62	18.5%	9
10	Between 901 and 1000 kWh	14	1.3%	94.8%	\$ 246.52	\$ 292.73	46.21	18.7%	10
11	Between 1001 and 1100 kWh	19	1.8%	96.6%	\$ 283.07	\$ 332.35	49.28	17.4%	11
12	Between 1101 and 1200 kWh	6	0.6%	97.1%	\$ 313.50	\$ 370.11	56.61	18.1%	12
13	Between 1201 and 1300 kWh	6	0.6%	97.7%	\$ 353.51	\$ 423.88	70.37	19.9%	13
14	Between 1301 and 1400 kWh	4	0.4%	98.1%	\$ 442.28	\$ 472.42	30.14	6.8%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.1%	\$ -	\$ -	0.00	0.0%	15
16	Between 1501 and 2000 kWh	11	1.0%	99.1%	\$ 540.04	\$ 627.11	87.07	16.1%	16
17	Between 2001 and 2500 kWh	1	0.6%	99.6%	\$ 768.68	\$ 862.93	94.25	12.3%	17
18	Between 2501 and 3000 kWh	1	0.1%	99.7%	\$ 908.21	\$ 977.62	69.41	7.6%	18
19	> 3000 kWh	3	0.3%	100.0%	\$ 3,340.87	\$ 4,018.55	677.68	20.3%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 88.42</b>	<b>\$ 102.53</b>	<b>14.11</b>	<b>16.0%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	253	23.3%	23.3%	\$ 11.71	\$ 12.33	0.62	5.3%	1
2	Between 101 and 200 kWh	155	14.3%	37.6%	\$ 27.63	\$ 32.88	5.25	19.0%	2
3	Between 201 and 300 kWh	100	9.2%	46.8%	\$ 48.13	\$ 57.44	9.31	19.3%	3
4	Between 301 and 400 kWh	76	7.0%	53.8%	\$ 65.97	\$ 82.68	16.71	25.3%	4
5	Between 401 and 500 kWh	74	6.8%	60.6%	\$ 88.85	\$ 108.24	19.39	21.8%	5
6	Between 501 and 600 kWh	70	6.5%	67.1%	\$ 115.51	\$ 139.20	23.69	20.5%	6
7	Between 601 and 700 kWh	69	6.4%	73.5%	\$ 142.46	\$ 172.91	30.45	21.4%	7
8	Between 701 and 800 kWh	57	5.3%	78.7%	\$ 176.51	\$ 218.23	41.72	23.6%	8
9	Between 801 and 900 kWh	56	5.2%	83.9%	\$ 212.27	\$ 260.84	48.57	22.9%	9
10	Between 901 and 1000 kWh	28	2.6%	86.5%	\$ 255.18	\$ 309.20	54.02	21.2%	10
11	Between 1001 and 1100 kWh	25	2.3%	88.8%	\$ 289.32	\$ 355.79	66.47	23.0%	11
12	Between 1101 and 1200 kWh	16	1.5%	90.2%	\$ 327.01	\$ 404.54	77.53	23.7%	12
13	Between 1201 and 1300 kWh	18	1.7%	91.9%	\$ 366.04	\$ 448.96	82.92	22.7%	13
14	Between 1301 and 1400 kWh	13	1.2%	93.1%	\$ 400.98	\$ 499.40	98.42	24.5%	14
15	Between 1401 and 1500 kWh	14	1.3%	94.4%	\$ 438.11	\$ 541.98	103.87	23.7%	15
16	Between 1501 and 2000 kWh	38	3.5%	97.9%	\$ 547.40	\$ 681.30	133.90	24.5%	16
17	Between 2001 and 2500 kWh	14	1.3%	99.2%	\$ 729.24	\$ 902.38	173.14	23.7%	17
18	Between 2501 and 3000 kWh	5	0.5%	99.6%	\$ 1,009.78	\$ 1,145.55	135.77	13.4%	18
19	> 3000 kWh	4	0.4%	100.0%	\$ 4,240.67	\$ 3,354.11	(886.56)	-20.9%	19
	<b>Total</b>	<b>1,085</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 142.01</b>	<b>\$ 189.54</b>	<b>47.53</b>	<b>33.5%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	123	10.6%	10.6%	\$ 14.70	\$ 16.94	2.24	15.2%	1
2	Between 101 and 200 kWh	139	11.9%	22.5%	\$ 27.17	\$ 32.58	5.41	19.9%	2
3	Between 201 and 300 kWh	159	13.7%	36.2%	\$ 44.87	\$ 53.77	8.90	19.8%	3
4	Between 301 and 400 kWh	149	12.8%	49.0%	\$ 67.46	\$ 81.49	14.03	20.8%	4
5	Between 401 and 500 kWh	111	9.5%	58.5%	\$ 84.67	\$ 102.64	17.97	21.2%	5
6	Between 501 and 600 kWh	102	8.8%	67.3%	\$ 107.27	\$ 130.42	23.15	21.6%	6
7	Between 601 and 700 kWh	91	7.8%	75.1%	\$ 131.62	\$ 160.97	29.35	22.3%	7
8	Between 701 and 800 kWh	56	4.8%	79.9%	\$ 165.56	\$ 203.41	37.85	22.9%	8
9	Between 801 and 900 kWh	63	5.4%	85.3%	\$ 189.41	\$ 233.25	43.84	23.1%	9
10	Between 901 and 1000 kWh	35	3.0%	88.3%	\$ 222.95	\$ 274.91	51.96	23.3%	10
11	Between 1001 and 1100 kWh	38	3.3%	91.6%	\$ 254.77	\$ 313.51	58.74	23.1%	11
12	Between 1101 and 1200 kWh	18	1.5%	93.1%	\$ 279.62	\$ 344.68	65.06	23.3%	12
13	Between 1201 and 1300 kWh	18	1.5%	94.7%	\$ 326.71	\$ 401.48	74.77	22.9%	13
14	Between 1301 and 1400 kWh	13	1.1%	95.8%	\$ 367.07	\$ 452.65	85.58	23.3%	14
15	Between 1401 and 1500 kWh	11	0.9%	96.7%	\$ 403.80	\$ 494.81	91.01	22.5%	15
16	Between 1501 and 2000 kWh	29	2.5%	99.2%	\$ 507.99	\$ 619.43	111.44	21.8%	16
17	Between 2001 and 2500 kWh	6	0.5%	99.7%	\$ 665.59	\$ 813.79	148.20	22.3%	17
18	Between 2501 and 3000 kWh	3	0.3%	100.0%	\$ 831.36	\$ 1,003.55	172.19	20.7%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	Total	1,164	100.0%	100.0%	\$ 116.08	\$ 141.65	25.57	22.0%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	149	12.8%	12.8%	\$ 12.43	\$ 15.83	3.40	27.4%	1
2	Between 101 and 200 kWh	142	12.2%	25.0%	\$ 25.37	\$ 31.21	5.84	23.0%	2
3	Between 201 and 300 kWh	160	13.7%	38.7%	\$ 41.92	\$ 49.66	7.74	18.5%	3
4	Between 301 and 400 kWh	138	11.9%	50.6%	\$ 58.72	\$ 69.66	10.94	18.6%	4
5	Between 401 and 500 kWh	131	11.3%	61.9%	\$ 77.71	\$ 94.02	16.31	21.0%	5
6	Between 501 and 600 kWh	113	9.7%	71.6%	\$ 95.29	\$ 114.30	19.01	19.9%	6
7	Between 601 and 700 kWh	80	6.9%	78.4%	\$ 118.36	\$ 140.21	21.85	18.5%	7
8	Between 701 and 800 kWh	65	5.6%	84.0%	\$ 138.78	\$ 168.96	30.18	21.7%	8
9	Between 801 and 900 kWh	58	5.0%	89.0%	\$ 165.09	\$ 200.92	35.83	21.7%	9
10	Between 901 and 1000 kWh	31	2.7%	91.7%	\$ 194.68	\$ 241.88	47.20	24.2%	10
11	Between 1001 and 1100 kWh	32	2.7%	94.4%	\$ 225.17	\$ 272.74	47.57	21.1%	11
12	Between 1101 and 1200 kWh	19	1.6%	96.0%	\$ 261.82	\$ 318.20	56.38	21.5%	12
13	Between 1201 and 1300 kWh	7	0.6%	96.6%	\$ 297.13	\$ 359.63	62.50	21.0%	13
14	Between 1301 and 1400 kWh	12	1.0%	97.7%	\$ 330.63	\$ 408.84	78.21	23.7%	14
15	Between 1401 and 1500 kWh	5	0.4%	98.1%	\$ 373.79	\$ 445.91	72.12	19.3%	15
16	Between 1501 and 2000 kWh	14	1.2%	99.3%	\$ 442.90	\$ 538.98	96.08	21.7%	16
17	Between 2001 and 2500 kWh	7	0.6%	99.9%	\$ 647.76	\$ 732.00	84.24	13.0%	17
18	Between 2501 and 3000 kWh	1	0.1%	100.0%	\$ 792.18	\$ 931.40	139.22	17.6%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	Total	1,164	100.0%	100.0%	\$ 91.87	\$ 107.10	15.23	16.6%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DR (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	166	14.3%	14.3%	\$ 11.42	\$ 13.05	1.63	14.3%	1
2	Between 101 and 200 kWh	167	14.3%	28.6%	\$ 27.23	\$ 32.60	5.37	19.7%	2
3	Between 201 and 300 kWh	128	11.0%	39.6%	\$ 46.18	\$ 56.21	10.03	21.7%	3
4	Between 301 and 400 kWh	118	10.1%	49.7%	\$ 66.17	\$ 83.09	16.92	25.6%	4
5	Between 401 and 500 kWh	90	7.7%	57.4%	\$ 87.57	\$ 107.53	19.96	22.8%	5
6	Between 501 and 600 kWh	75	6.4%	63.8%	\$ 108.21	\$ 135.42	27.21	25.1%	6
7	Between 601 and 700 kWh	69	5.9%	69.8%	\$ 133.09	\$ 166.29	33.20	24.9%	7
8	Between 701 and 800 kWh	60	5.2%	75.0%	\$ 159.41	\$ 204.95	45.54	28.6%	8
9	Between 801 and 900 kWh	45	3.9%	78.9%	\$ 193.85	\$ 247.78	53.93	27.8%	9
10	Between 901 and 1000 kWh	51	4.4%	83.2%	\$ 232.47	\$ 288.96	56.49	24.3%	10
11	Between 1001 and 1100 kWh	32	2.7%	86.0%	\$ 265.63	\$ 331.85	66.22	24.9%	11
12	Between 1101 and 1200 kWh	30	2.6%	88.6%	\$ 305.33	\$ 383.62	78.29	25.6%	12
13	Between 1201 and 1300 kWh	21	1.8%	90.4%	\$ 338.38	\$ 424.31	85.93	25.4%	13
14	Between 1301 and 1400 kWh	16	1.4%	91.8%	\$ 375.23	\$ 481.67	106.44	28.4%	14
15	Between 1401 and 1500 kWh	22	1.9%	93.6%	\$ 427.29	\$ 527.72	100.43	23.5%	15
16	Between 1501 and 2000 kWh	43	3.7%	97.3%	\$ 515.99	\$ 651.63	135.64	26.3%	16
17	Between 2001 and 2500 kWh	19	1.6%	99.0%	\$ 723.78	\$ 913.48	189.70	26.2%	17
18	Between 2501 and 3000 kWh	9	0.8%	99.7%	\$ 926.37	\$ 1,171.37	245.00	26.4%	18
19	> 3000 kWh	3	0.3%	100.0%	\$ 1,124.91	\$ 1,429.61	304.70	27.1%	19
	Total	1,164	100.0%	100.0%	\$ 140.30	\$ 190.03	49.73	35.4%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DRLI (Annual, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	6,129	2.6%	2.6%	\$ 6.31	\$ 7.92	1.61	25.5%	1
2	Between 101 and 200 kWh	39,791	16.6%	19.2%	\$ 14.54	\$ 17.96	3.42	23.5%	2
3	Between 201 and 300 kWh	56,567	23.6%	42.8%	\$ 25.22	\$ 30.96	5.74	22.8%	3
4	Between 301 and 400 kWh	49,083	20.5%	63.4%	\$ 38.45	\$ 47.40	8.95	23.3%	4
5	Between 401 and 500 kWh	35,451	14.8%	78.2%	\$ 55.88	\$ 68.85	12.97	23.2%	5
6	Between 501 and 600 kWh	22,462	9.4%	87.6%	\$ 76.43	\$ 94.08	17.65	23.1%	6
7	Between 601 and 700 kWh	13,448	5.6%	93.2%	\$ 97.55	\$ 120.36	22.81	23.4%	7
8	Between 701 and 800 kWh	7,588	3.2%	96.4%	\$ 116.57	\$ 146.99	30.42	24.0%	8
9	Between 801 and 900 kWh	4,147	1.7%	98.1%	\$ 139.29	\$ 173.57	34.28	24.6%	9
10	Between 901 and 1000 kWh	2,002	0.8%	98.9%	\$ 159.96	\$ 200.07	40.11	25.1%	10
11	Between 1001 and 1100 kWh	1,033	0.4%	99.4%	\$ 179.73	\$ 225.71	45.98	25.6%	11
12	Between 1101 and 1200 kWh	545	0.2%	99.6%	\$ 199.71	\$ 250.57	50.86	25.5%	12
13	Between 1201 and 1300 kWh	323	0.1%	99.7%	\$ 221.39	\$ 278.73	57.34	25.9%	13
14	Between 1301 and 1400 kWh	201	0.1%	99.8%	\$ 243.95	\$ 307.45	63.50	26.0%	14
15	Between 1401 and 1500 kWh	139	0.1%	99.9%	\$ 264.44	\$ 333.96	69.52	26.3%	15
16	Between 1501 and 2000 kWh	222	0.1%	100.0%	\$ 310.90	\$ 395.15	84.25	27.1%	16
17	Between 2001 and 2500 kWh	32	0.0%	100.0%	\$ 421.80	\$ 539.45	117.65	27.9%	17
18	Between 2501 and 3000 kWh	18	0.0%	100.0%	\$ 548.24	\$ 698.24	150.00	27.4%	18
19	> 3000 kWh	7	0.0%	100.0%	\$ 1,483.40	\$ 1,924.02	440.62	29.7%	19
	Total	239,188	100.0%	100.0%	\$ 47.21	\$ 58.35	11.14	23.6%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DRLI (Winter, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8,313	3.5%	3.5%	\$ 5.59	\$ 7.46	1.87	33.5%	1
2	Between 101 and 200 kWh	45,730	19.1%	22.6%	\$ 13.55	\$ 16.69	3.14	23.2%	2
3	Between 201 and 300 kWh	60,308	25.2%	47.8%	\$ 23.36	\$ 28.15	4.79	20.5%	3
4	Between 301 and 400 kWh	48,817	20.4%	68.2%	\$ 34.92	\$ 41.80	6.88	19.7%	4
5	Between 401 and 500 kWh	32,071	13.4%	81.6%	\$ 50.66	\$ 60.59	9.93	19.6%	5
6	Between 501 and 600 kWh	18,896	7.9%	89.5%	\$ 69.23	\$ 83.85	14.62	21.1%	6
7	Between 601 and 700 kWh	10,854	4.5%	94.1%	\$ 87.45	\$ 108.31	20.86	23.9%	7
8	Between 701 and 800 kWh	6,172	2.6%	96.6%	\$ 105.52	\$ 133.05	27.53	26.1%	8
9	Between 801 and 900 kWh	3,413	1.4%	98.1%	\$ 122.99	\$ 157.05	34.06	27.7%	9
10	Between 901 and 1000 kWh	1,930	0.8%	98.9%	\$ 140.31	\$ 180.17	39.86	28.4%	10
11	Between 1001 and 1100 kWh	1,008	0.4%	99.3%	\$ 156.98	\$ 202.89	45.91	29.2%	11
12	Between 1101 and 1200 kWh	609	0.3%	99.6%	\$ 173.28	\$ 225.22	51.94	30.0%	12
13	Between 1201 and 1300 kWh	371	0.2%	99.7%	\$ 190.45	\$ 247.61	57.16	30.0%	13
14	Between 1301 and 1400 kWh	222	0.1%	99.8%	\$ 208.22	\$ 271.99	63.77	30.6%	14
15	Between 1401 and 1500 kWh	143	0.1%	99.9%	\$ 225.58	\$ 298.26	72.68	32.2%	15
16	Between 1501 and 2000 kWh	248	0.1%	100.0%	\$ 266.46	\$ 356.76	90.30	33.9%	16
17	Between 2001 and 2500 kWh	61	0.0%	100.0%	\$ 357.93	\$ 484.90	126.97	35.5%	17
18	Between 2501 and 3000 kWh	11	0.0%	100.0%	\$ 457.72	\$ 610.59	152.87	33.4%	18
19	> 3000 kWh	11	0.0%	100.0%	\$ 1,006.71	\$ 1,430.25	423.54	42.1%	19
	Total	239,188	100.0%	100.0%	\$ 39.80	\$ 47.63	7.83	19.7%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (ALL CUSTOMERS)  
 Schedule DRLI (Summer, Basic and All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8,651	3.6%	3.6%	\$ 5.88	\$ 7.09	1.21	20.6%	1
2	Between 101 and 200 kWh	37,840	15.8%	19.4%	\$ 15.17	\$ 19.14	3.97	26.2%	2
3	Between 201 and 300 kWh	50,949	21.3%	40.7%	\$ 26.10	\$ 32.94	6.84	26.2%	3
4	Between 301 and 400 kWh	45,235	18.9%	59.6%	\$ 38.52	\$ 50.42	11.90	27.6%	4
5	Between 401 and 500 kWh	34,082	14.2%	73.9%	\$ 58.54	\$ 74.94	16.30	27.8%	5
6	Between 501 and 600 kWh	23,410	9.8%	83.7%	\$ 81.12	\$ 103.30	22.18	27.3%	6
7	Between 601 and 700 kWh	15,613	6.5%	90.2%	\$ 104.79	\$ 132.80	28.01	26.7%	7
8	Between 701 and 800 kWh	9,848	4.1%	94.3%	\$ 128.66	\$ 162.88	34.22	26.6%	8
9	Between 801 and 900 kWh	6,119	2.6%	96.9%	\$ 152.51	\$ 192.54	40.03	26.2%	9
10	Between 901 and 1000 kWh	3,465	1.4%	98.3%	\$ 176.34	\$ 222.21	45.87	26.0%	10
11	Between 1001 and 1100 kWh	1,707	0.7%	99.1%	\$ 200.15	\$ 251.52	51.37	25.7%	11
12	Between 1101 and 1200 kWh	825	0.3%	99.4%	\$ 223.18	\$ 280.55	57.37	25.7%	12
13	Between 1201 and 1300 kWh	454	0.2%	99.6%	\$ 246.54	\$ 310.17	63.63	25.8%	13
14	Between 1301 and 1400 kWh	295	0.1%	99.7%	\$ 272.74	\$ 338.85	66.11	24.2%	14
15	Between 1401 and 1500 kWh	195	0.1%	99.8%	\$ 296.65	\$ 370.81	74.16	25.0%	15
16	Between 1501 and 2000 kWh	396	0.2%	100.0%	\$ 352.82	\$ 442.85	90.03	25.5%	16
17	Between 2001 and 2500 kWh	65	0.0%	100.0%	\$ 482.77	\$ 602.38	119.61	24.8%	17
18	Between 2501 and 3000 kWh	18	0.0%	100.0%	\$ 609.56	\$ 762.15	152.59	25.0%	18
19	> 3000 kWh	21	0.0%	100.0%	\$ 1,128.03	\$ 1,331.87	203.84	18.1%	19
	Total	239,188	100.0%	100.0%	\$ 54.63	\$ 73.37	18.74	34.3%	



REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	3,225	3.7%	3.7%	\$ 6.13	\$ 7.73	1.60	26.1%	1
2	Between 101 and 200 kWh	18,602	21.4%	25.1%	\$ 14.33	\$ 17.69	3.36	23.4%	2
3	Between 201 and 300 kWh	21,883	25.2%	50.2%	\$ 25.20	\$ 30.75	5.55	22.0%	3
4	Between 301 and 400 kWh	17,138	19.7%	69.9%	\$ 39.09	\$ 47.48	8.39	21.5%	4
5	Between 401 and 500 kWh	11,606	13.3%	83.3%	\$ 58.32	\$ 70.63	12.31	21.1%	5
6	Between 501 and 600 kWh	7,004	8.1%	91.3%	\$ 80.54	\$ 97.70	17.16	21.3%	6
7	Between 601 and 700 kWh	3,785	4.4%	95.7%	\$ 102.53	\$ 125.19	22.66	22.1%	7
8	Between 701 and 800 kWh	2,015	2.3%	98.0%	\$ 124.26	\$ 153.12	28.86	23.2%	8
9	Between 801 and 900 kWh	937	1.1%	99.1%	\$ 145.58	\$ 180.84	35.26	24.2%	9
10	Between 901 and 1000 kWh	404	0.5%	99.5%	\$ 167.23	\$ 208.95	41.72	24.9%	10
11	Between 1001 and 1100 kWh	186	0.2%	99.7%	\$ 189.13	\$ 237.21	48.08	25.4%	11
12	Between 1101 and 1200 kWh	74	0.1%	99.8%	\$ 212.42	\$ 267.12	54.70	25.8%	12
13	Between 1201 and 1300 kWh	54	0.1%	99.9%	\$ 232.94	\$ 294.45	61.51	26.4%	13
14	Between 1301 and 1400 kWh	31	0.0%	99.9%	\$ 256.27	\$ 322.79	66.52	26.0%	14
15	Between 1401 and 1500 kWh	21	0.0%	100.0%	\$ 280.18	\$ 354.75	74.57	26.6%	15
16	Between 1501 and 2000 kWh	29	0.0%	100.0%	\$ 325.56	\$ 417.06	91.50	28.1%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 405.59	\$ 526.99	121.40	29.9%	17
18	Between 2501 and 3000 kWh	4	0.0%	100.0%	\$ 596.84	\$ 749.72	152.88	25.6%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 775.21	\$ 998.17	222.96	28.8%	19
	Total	87,003	100.0%	100.0%	\$ 42.34	\$ 51.72	9.38	22.2%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,167	4.8%	4.8%	\$ 5.46	\$ 7.31	1.85	33.9%	1
2	Between 101 and 200 kWh	19,926	22.9%	27.7%	\$ 13.33	\$ 16.44	3.11	23.3%	2
3	Between 201 and 300 kWh	22,156	25.5%	53.2%	\$ 23.35	\$ 28.16	4.81	20.6%	3
4	Between 301 and 400 kWh	16,948	19.5%	72.6%	\$ 35.83	\$ 42.80	6.97	19.5%	4
5	Between 401 and 500 kWh	10,810	12.4%	85.1%	\$ 54.17	\$ 64.11	9.94	18.3%	5
6	Between 501 and 600 kWh	6,113	7.0%	92.1%	\$ 74.90	\$ 89.35	14.45	19.3%	6
7	Between 601 and 700 kWh	3,339	3.8%	95.9%	\$ 94.34	\$ 115.34	21.00	22.3%	7
8	Between 701 and 800 kWh	1,850	2.1%	98.1%	\$ 112.96	\$ 141.33	28.37	25.1%	8
9	Between 801 and 900 kWh	874	1.0%	99.1%	\$ 131.02	\$ 167.16	36.14	27.6%	9
10	Between 901 and 1000 kWh	434	0.5%	99.6%	\$ 149.13	\$ 193.46	44.33	29.7%	10
11	Between 1001 and 1100 kWh	191	0.2%	99.8%	\$ 167.04	\$ 218.77	51.73	31.0%	11
12	Between 1101 and 1200 kWh	80	0.1%	99.9%	\$ 185.32	\$ 245.93	60.61	32.7%	12
13	Between 1201 and 1300 kWh	41	0.0%	99.9%	\$ 204.95	\$ 271.80	66.85	32.6%	13
14	Between 1301 and 1400 kWh	25	0.0%	99.9%	\$ 223.90	\$ 299.90	76.00	33.9%	14
15	Between 1401 and 1500 kWh	14	0.0%	100.0%	\$ 241.57	\$ 327.12	85.55	35.4%	15
16	Between 1501 and 2000 kWh	24	0.0%	100.0%	\$ 285.50	\$ 388.88	103.38	36.2%	16
17	Between 2001 and 2500 kWh	6	0.0%	100.0%	\$ 360.13	\$ 520.79	160.66	44.6%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 484.45	\$ 639.09	154.64	31.9%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 586.70	\$ 824.88	238.18	40.6%	19
	Total	87,003	100.0%	100.0%	\$ 37.19	\$ 44.17	6.98	18.8%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4,071	4.7%	4.7%	\$ 5.84	\$ 7.07	1.23	21.1%	1
2	Between 101 and 200 kWh	17,644	20.3%	25.0%	\$ 14.98	\$ 18.95	3.97	26.5%	2
3	Between 201 and 300 kWh	20,532	23.6%	48.6%	\$ 26.00	\$ 32.66	6.66	25.6%	3
4	Between 301 and 400 kWh	16,381	18.8%	67.4%	\$ 40.17	\$ 50.04	9.87	24.6%	4
5	Between 401 and 500 kWh	11,433	13.1%	80.5%	\$ 61.16	\$ 76.42	15.26	25.0%	5
6	Between 501 and 600 kWh	7,232	8.3%	88.8%	\$ 85.04	\$ 106.27	21.23	25.0%	6
7	Between 601 and 700 kWh	4,491	5.2%	94.0%	\$ 109.37	\$ 136.77	27.40	25.1%	7
8	Between 701 and 800 kWh	2,562	2.9%	96.9%	\$ 134.02	\$ 167.60	33.58	25.1%	8
9	Between 801 and 900 kWh	1,368	1.6%	98.5%	\$ 158.40	\$ 197.92	39.52	24.9%	9
10	Between 901 and 1000 kWh	629	0.7%	99.2%	\$ 183.04	\$ 228.12	45.08	24.6%	10
11	Between 1001 and 1100 kWh	269	0.3%	99.6%	\$ 207.87	\$ 258.44	50.57	24.3%	11
12	Between 1101 and 1200 kWh	141	0.2%	99.7%	\$ 233.15	\$ 289.47	56.32	24.2%	12
13	Between 1201 and 1300 kWh	84	0.1%	99.8%	\$ 258.90	\$ 319.92	61.02	23.6%	13
14	Between 1301 and 1400 kWh	48	0.1%	99.9%	\$ 282.88	\$ 351.22	68.34	24.2%	14
15	Between 1401 and 1500 kWh	37	0.0%	99.9%	\$ 305.64	\$ 383.45	77.81	25.5%	15
16	Between 1501 and 2000 kWh	63	0.1%	100.0%	\$ 362.06	\$ 457.22	95.16	26.3%	16
17	Between 2001 and 2500 kWh	8	0.0%	100.0%	\$ 483.05	\$ 596.73	113.68	23.5%	17
18	Between 2501 and 3000 kWh	2	0.0%	100.0%	\$ 613.99	\$ 739.66	125.67	20.5%	18
19	> 3000 kWh	8	0.0%	100.0%	\$ 903.34	\$ 1,130.21	226.87	25.1%	19
	Total	87,003	100.0%	100.0%	\$ 47.48	\$ 62.30	14.82	31.2%	



REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	793	2.5%	2.5%	\$ 6.16	\$ 7.79	1.63	26.5%	1
2	Between 101 and 200 kWh	6,926	21.5%	24.0%	\$ 14.53	\$ 17.95	3.42	23.5%	2
3	Between 201 and 300 kWh	9,600	29.9%	53.9%	\$ 24.84	\$ 30.96	6.12	24.6%	3
4	Between 301 and 400 kWh	6,956	21.6%	75.5%	\$ 37.60	\$ 48.46	10.86	28.9%	4
5	Between 401 and 500 kWh	3,850	12.0%	87.5%	\$ 53.74	\$ 69.75	16.01	29.8%	5
6	Between 501 and 600 kWh	2,032	6.3%	93.8%	\$ 72.03	\$ 93.96	21.93	30.4%	6
7	Between 601 and 700 kWh	1,027	3.2%	97.0%	\$ 92.02	\$ 120.35	28.33	30.8%	7
8	Between 701 and 800 kWh	487	1.5%	98.5%	\$ 113.51	\$ 147.32	33.81	29.8%	8
9	Between 801 and 900 kWh	253	0.8%	99.3%	\$ 135.36	\$ 174.52	39.16	28.9%	9
10	Between 901 and 1000 kWh	127	0.4%	99.7%	\$ 156.89	\$ 201.64	44.75	28.5%	10
11	Between 1001 and 1100 kWh	56	0.2%	99.8%	\$ 177.32	\$ 229.14	51.82	29.2%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 200.71	\$ 257.63	56.92	28.4%	12
13	Between 1201 and 1300 kWh	10	0.0%	99.9%	\$ 220.51	\$ 284.83	64.32	29.2%	13
14	Between 1301 and 1400 kWh	7	0.0%	100.0%	\$ 243.77	\$ 316.54	72.77	29.9%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 267.22	\$ 340.68	73.46	27.5%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 303.70	\$ 390.28	86.58	28.5%	16
17	Between 2001 and 2500 kWh	2	0.0%	100.0%	\$ 439.40	\$ 558.99	119.59	27.2%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 5,982.49	\$ 7,800.83	1818.34	30.4%	19
	<b>Total</b>	<b>32,156</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 37.02</b>	<b>\$ 47.43</b>	<b>10.41</b>	<b>28.1%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	969	3.0%	3.0%	\$ 5.59	\$ 7.32	1.73	30.9%	1
2	Between 101 and 200 kWh	7,258	22.6%	25.6%	\$ 13.59	\$ 16.73	3.14	23.1%	2
3	Between 201 and 300 kWh	9,545	29.7%	55.3%	\$ 23.08	\$ 27.81	4.73	20.5%	3
4	Between 301 and 400 kWh	6,497	20.2%	75.5%	\$ 33.33	\$ 40.33	7.00	21.0%	4
5	Between 401 and 500 kWh	3,631	11.3%	86.8%	\$ 44.34	\$ 55.92	11.58	26.1%	5
6	Between 501 and 600 kWh	1,910	5.9%	92.7%	\$ 57.61	\$ 77.17	19.56	34.0%	6
7	Between 601 and 700 kWh	1,024	3.2%	95.9%	\$ 74.27	\$ 101.56	27.29	36.7%	7
8	Between 701 and 800 kWh	561	1.7%	97.6%	\$ 94.54	\$ 127.51	32.97	34.9%	8
9	Between 801 and 900 kWh	325	1.0%	98.6%	\$ 115.42	\$ 153.66	38.24	33.1%	9
10	Between 901 and 1000 kWh	200	0.6%	99.3%	\$ 135.57	\$ 179.27	43.70	32.2%	10
11	Between 1001 and 1100 kWh	114	0.4%	99.6%	\$ 154.35	\$ 203.09	48.74	31.6%	11
12	Between 1101 and 1200 kWh	54	0.2%	99.8%	\$ 172.24	\$ 231.25	59.01	34.3%	12
13	Between 1201 and 1300 kWh	29	0.1%	99.9%	\$ 191.42	\$ 256.60	65.18	34.1%	13
14	Between 1301 and 1400 kWh	14	0.0%	99.9%	\$ 209.42	\$ 286.17	76.75	36.6%	14
15	Between 1401 and 1500 kWh	9	0.0%	100.0%	\$ 226.88	\$ 311.82	84.94	37.4%	15
16	Between 1501 and 2000 kWh	12	0.0%	100.0%	\$ 264.21	\$ 363.69	99.48	37.7%	16
17	Between 2001 and 2500 kWh	3	0.0%	100.0%	\$ 346.63	\$ 457.27	110.64	31.9%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ 591.25	591.25	0.0%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 4,893.29	\$ 6,918.11	2024.82	41.4%	19
	<b>Total</b>	<b>32,156</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 32.72</b>	<b>\$ 40.19</b>	<b>7.47</b>	<b>22.8%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (COASTAL CUSTOMERS)  
 Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,275	4.0%	4.0%	\$ 5.92	\$ 7.35	1.43	24.2%	1
2	Between 101 and 200 kWh	7,262	22.6%	26.5%	\$ 15.15	\$ 19.15	4.00	26.4%	2
3	Between 201 and 300 kWh	8,933	27.8%	54.3%	\$ 25.96	\$ 33.36	7.40	28.5%	3
4	Between 301 and 400 kWh	6,490	20.2%	74.5%	\$ 40.09	\$ 55.81	15.82	39.5%	4
5	Between 401 and 500 kWh	3,820	11.9%	86.4%	\$ 61.18	\$ 85.35	24.17	39.5%	5
6	Between 501 and 600 kWh	2,100	6.5%	92.9%	\$ 84.89	\$ 115.74	30.85	36.3%	6
7	Between 601 and 700 kWh	1,167	3.6%	96.6%	\$ 109.41	\$ 146.19	36.78	33.6%	7
8	Between 701 and 800 kWh	592	1.8%	98.4%	\$ 133.29	\$ 176.51	43.22	32.4%	8
9	Between 801 and 900 kWh	292	0.9%	99.3%	\$ 157.73	\$ 207.02	49.29	31.2%	9
10	Between 901 and 1000 kWh	126	0.4%	99.7%	\$ 182.92	\$ 238.73	55.81	30.5%	10
11	Between 1001 and 1100 kWh	56	0.2%	99.9%	\$ 207.13	\$ 269.48	62.35	30.1%	11
12	Between 1101 and 1200 kWh	17	0.1%	99.9%	\$ 231.44	\$ 300.81	69.37	30.0%	12
13	Between 1201 and 1300 kWh	4	0.0%	99.9%	\$ 260.17	\$ 324.66	64.49	24.8%	13
14	Between 1301 and 1400 kWh	5	0.0%	99.9%	\$ 281.91	\$ 356.35	74.44	26.4%	14
15	Between 1401 and 1500 kWh	4	0.0%	100.0%	\$ 307.42	\$ 392.43	85.01	27.7%	15
16	Between 1501 and 2000 kWh	8	0.0%	100.0%	\$ 349.63	\$ 454.49	104.86	30.0%	16
17	Between 2001 and 2500 kWh	4	0.0%	100.0%	\$ 501.21	\$ 656.06	154.85	30.9%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 7,071.69	\$ 9,036.64	1964.95	27.8%	19
	<b>Total</b>	<b>32,156</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 41.31</b>	<b>\$ 57.57</b>	<b>16.26</b>	<b>39.4%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	1,524	2.0%	2.0%	\$ 6.84	\$ 8.51	1.67	24.4%	1
2	Between 101 and 200 kWh	9,291	12.2%	14.2%	\$ 14.76	\$ 18.23	3.47	23.5%	2
3	Between 201 and 300 kWh	15,101	19.8%	33.9%	\$ 25.57	\$ 31.26	5.69	22.3%	3
4	Between 301 and 400 kWh	15,270	20.0%	53.9%	\$ 38.81	\$ 47.30	8.49	21.9%	4
5	Between 401 and 500 kWh	12,729	16.7%	70.6%	\$ 56.29	\$ 68.59	12.30	21.9%	5
6	Between 501 and 600 kWh	9,036	11.8%	82.4%	\$ 77.51	\$ 94.52	17.01	21.9%	6
7	Between 601 and 700 kWh	6,023	7.9%	90.3%	\$ 99.68	\$ 121.88	22.20	22.3%	7
8	Between 701 and 800 kWh	3,495	4.6%	94.8%	\$ 121.43	\$ 149.36	27.93	23.0%	8
9	Between 801 and 900 kWh	1,989	2.6%	97.4%	\$ 142.83	\$ 176.03	34.10	23.9%	9
10	Between 901 and 1000 kWh	930	1.2%	98.7%	\$ 164.64	\$ 205.20	40.56	24.6%	10
11	Between 1001 and 1100 kWh	445	0.6%	99.2%	\$ 186.27	\$ 233.50	47.23	25.4%	11
12	Between 1101 and 1200 kWh	224	0.3%	99.5%	\$ 208.81	\$ 261.87	53.06	25.4%	12
13	Between 1201 and 1300 kWh	116	0.2%	99.7%	\$ 233.57	\$ 293.97	60.40	25.9%	13
14	Between 1301 and 1400 kWh	78	0.1%	99.8%	\$ 254.52	\$ 320.75	66.23	26.0%	14
15	Between 1401 and 1500 kWh	57	0.1%	99.9%	\$ 274.13	\$ 346.98	72.85	26.6%	15
16	Between 1501 and 2000 kWh	83	0.1%	100.0%	\$ 323.74	\$ 411.26	87.52	27.0%	16
17	Between 2001 and 2500 kWh	12	0.0%	100.0%	\$ 443.73	\$ 568.73	125.00	28.2%	17
18	Between 2501 and 3000 kWh	6	0.0%	100.0%	\$ 561.59	\$ 718.73	157.14	28.0%	18
19	> 3000 kWh	3	0.0%	100.0%	\$ 691.90	\$ 890.95	199.05	28.8%	19
	Total	76,412	100.0%	100.0%	\$ 55.42	\$ 68.01	12.59	22.7%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,298	3.0%	3.0%	\$ 5.91	\$ 7.90	1.99	33.7%	1
2	Between 101 and 200 kWh	12,042	15.8%	18.8%	\$ 13.68	\$ 16.84	3.16	23.1%	2
3	Between 201 and 300 kWh	17,367	22.7%	41.5%	\$ 23.54	\$ 28.39	4.85	20.6%	3
4	Between 301 and 400 kWh	15,924	20.8%	62.3%	\$ 35.42	\$ 42.42	7.00	19.8%	4
5	Between 401 and 500 kWh	11,555	15.1%	77.5%	\$ 52.80	\$ 62.66	9.86	18.7%	5
6	Between 501 and 600 kWh	7,461	9.8%	87.2%	\$ 73.66	\$ 87.57	13.91	18.9%	6
7	Between 601 and 700 kWh	4,411	5.8%	93.0%	\$ 93.32	\$ 113.32	20.00	21.4%	7
8	Between 701 and 800 kWh	2,467	3.2%	96.2%	\$ 111.68	\$ 138.88	27.20	24.4%	8
9	Between 801 and 900 kWh	1,339	1.8%	98.0%	\$ 129.93	\$ 164.81	34.88	26.8%	9
10	Between 901 and 1000 kWh	727	1.0%	98.9%	\$ 147.45	\$ 189.47	42.02	28.5%	10
11	Between 1001 and 1100 kWh	338	0.4%	99.4%	\$ 165.45	\$ 215.07	49.62	30.0%	11
12	Between 1101 and 1200 kWh	200	0.3%	99.6%	\$ 183.25	\$ 241.31	58.06	31.7%	12
13	Between 1201 and 1300 kWh	99	0.1%	99.8%	\$ 201.67	\$ 268.77	67.10	33.3%	13
14	Between 1301 and 1400 kWh	63	0.1%	99.8%	\$ 221.09	\$ 294.31	73.22	33.1%	14
15	Between 1401 and 1500 kWh	40	0.1%	99.9%	\$ 236.89	\$ 315.97	79.08	33.4%	15
16	Between 1501 and 2000 kWh	63	0.1%	100.0%	\$ 277.78	\$ 376.96	99.18	35.7%	16
17	Between 2001 and 2500 kWh	11	0.0%	100.0%	\$ 378.51	\$ 517.37	138.86	36.7%	17
18	Between 2501 and 3000 kWh	3	0.0%	100.0%	\$ 457.33	\$ 630.91	173.58	38.0%	18
19	> 3000 kWh	4	0.0%	100.0%	\$ 681.96	\$ 863.41	181.45	26.6%	19
	Total	76,412	100.0%	100.0%	\$ 45.03	\$ 53.64	8.61	19.1%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	2,301	3.0%	3.0%	\$ 5.95	\$ 7.01	1.06	17.8%	1
2	Between 101 and 200 kWh	8,071	10.6%	13.6%	\$ 15.38	\$ 19.32	3.94	25.6%	2
3	Between 201 and 300 kWh	12,931	16.9%	30.5%	\$ 26.23	\$ 32.97	6.74	25.7%	3
4	Between 301 and 400 kWh	13,421	17.6%	48.1%	\$ 38.99	\$ 48.62	9.63	24.7%	4
5	Between 401 and 500 kWh	11,890	15.5%	63.6%	\$ 56.72	\$ 70.36	13.64	24.0%	5
6	Between 501 and 600 kWh	9,178	12.0%	75.6%	\$ 79.12	\$ 98.45	19.33	24.4%	6
7	Between 601 and 700 kWh	6,728	8.8%	84.4%	\$ 103.03	\$ 128.41	25.38	24.6%	7
8	Between 701 and 800 kWh	4,670	6.1%	90.5%	\$ 127.22	\$ 158.89	31.67	24.9%	8
9	Between 801 and 900 kWh	3,185	4.2%	94.7%	\$ 151.55	\$ 189.44	37.89	25.0%	9
10	Between 901 and 1000 kWh	1,924	2.5%	97.2%	\$ 176.10	\$ 219.92	43.82	24.9%	10
11	Between 1001 and 1100 kWh	969	1.3%	98.5%	\$ 200.34	\$ 249.98	49.64	24.8%	11
12	Between 1101 and 1200 kWh	430	0.6%	99.1%	\$ 225.32	\$ 280.52	55.20	24.5%	12
13	Between 1201 and 1300 kWh	212	0.3%	99.3%	\$ 250.69	\$ 311.71	61.02	24.3%	13
14	Between 1301 and 1400 kWh	156	0.2%	99.5%	\$ 276.24	\$ 342.92	66.68	24.1%	14
15	Between 1401 and 1500 kWh	100	0.1%	99.7%	\$ 300.42	\$ 373.92	73.50	24.5%	15
16	Between 1501 and 2000 kWh	200	0.3%	99.9%	\$ 359.17	\$ 443.92	84.75	23.6%	16
17	Between 2001 and 2500 kWh	36	0.0%	100.0%	\$ 478.75	\$ 603.03	124.28	26.0%	17
18	Between 2501 and 3000 kWh	10	0.0%	100.0%	\$ 603.32	\$ 779.99	176.67	29.3%	18
19	> 3000 kWh	10	0.0%	100.0%	\$ 789.02	\$ 1,016.18	227.16	28.8%	19
	Total	76,412	100.0%	100.0%	\$ 65.82	\$ 88.12	22.30	33.9%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	516	1.2%	1.2%	\$ 6.32	\$ 7.96	1.64	25.9%	1
2	Between 101 and 200 kWh	4,890	11.8%	13.1%	\$ 14.93	\$ 18.43	3.50	23.4%	2
3	Between 201 and 300 kWh	9,830	23.8%	36.8%	\$ 25.12	\$ 30.95	5.83	23.2%	3
4	Between 301 and 400 kWh	9,511	23.0%	59.8%	\$ 37.35	\$ 46.71	9.36	25.1%	4
5	Between 401 and 500 kWh	6,981	16.9%	76.7%	\$ 52.49	\$ 66.21	13.72	26.1%	5
6	Between 501 and 600 kWh	4,124	10.0%	86.7%	\$ 69.98	\$ 87.99	18.01	25.7%	6
7	Between 601 and 700 kWh	2,334	5.6%	92.3%	\$ 88.12	\$ 110.84	22.72	25.8%	7
8	Between 701 and 800 kWh	1,377	3.3%	95.6%	\$ 107.72	\$ 135.86	28.14	26.1%	8
9	Between 801 and 900 kWh	771	1.9%	97.5%	\$ 129.23	\$ 162.93	33.70	26.1%	9
10	Between 901 and 1000 kWh	406	1.0%	98.5%	\$ 150.54	\$ 189.31	38.77	25.8%	10
11	Between 1001 and 1100 kWh	233	0.6%	99.0%	\$ 171.72	\$ 216.28	44.56	25.9%	11
12	Between 1101 and 1200 kWh	150	0.4%	99.4%	\$ 193.86	\$ 244.20	50.34	26.0%	12
13	Between 1201 and 1300 kWh	90	0.2%	99.6%	\$ 216.05	\$ 272.65	56.60	26.2%	13
14	Between 1301 and 1400 kWh	54	0.1%	99.8%	\$ 238.04	\$ 300.99	62.95	26.4%	14
15	Between 1401 and 1500 kWh	29	0.1%	99.8%	\$ 259.39	\$ 329.89	70.50	27.2%	15
16	Between 1501 and 2000 kWh	57	0.1%	100.0%	\$ 307.18	\$ 391.98	84.80	27.6%	16
17	Between 2001 and 2500 kWh	10	0.0%	100.0%	\$ 421.32	\$ 540.86	119.54	28.4%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 539.59	\$ 688.87	149.28	27.7%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>41,368</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 47.90</b>	<b>\$ 60.08</b>	<b>12.18</b>	<b>25.4%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	792	1.9%	1.9%	\$ 5.55	\$ 7.35	1.80	32.4%	1
2	Between 101 and 200 kWh	6,411	15.5%	17.4%	\$ 13.91	\$ 17.08	3.17	22.8%	2
3	Between 201 and 300 kWh	11,055	26.7%	44.1%	\$ 23.33	\$ 28.04	4.71	20.2%	3
4	Between 301 and 400 kWh	9,213	22.3%	66.4%	\$ 33.49	\$ 39.97	6.48	19.3%	4
5	Between 401 and 500 kWh	5,808	14.0%	80.4%	\$ 44.01	\$ 53.09	9.08	20.6%	5
6	Between 501 and 600 kWh	3,144	7.6%	88.0%	\$ 55.48	\$ 68.74	13.26	23.9%	6
7	Between 601 and 700 kWh	1,840	4.4%	92.5%	\$ 69.71	\$ 89.41	19.70	28.3%	7
8	Between 701 and 800 kWh	1,117	2.7%	95.2%	\$ 87.20	\$ 113.72	26.52	30.4%	8
9	Between 801 and 900 kWh	715	1.7%	96.9%	\$ 107.50	\$ 138.77	31.27	29.1%	9
10	Between 901 and 1000 kWh	430	1.0%	98.0%	\$ 127.52	\$ 164.36	36.84	28.9%	10
11	Between 1001 and 1100 kWh	266	0.6%	98.6%	\$ 148.62	\$ 190.51	41.89	28.2%	11
12	Between 1101 and 1200 kWh	197	0.5%	99.1%	\$ 167.54	\$ 217.29	49.75	29.7%	12
13	Between 1201 and 1300 kWh	139	0.3%	99.4%	\$ 186.79	\$ 241.59	54.80	29.3%	13
14	Between 1301 and 1400 kWh	73	0.2%	99.6%	\$ 204.78	\$ 268.98	64.20	31.4%	14
15	Between 1401 and 1500 kWh	49	0.1%	99.7%	\$ 223.52	\$ 296.65	73.13	32.7%	15
16	Between 1501 and 2000 kWh	94	0.2%	99.9%	\$ 265.19	\$ 355.23	90.04	34.0%	16
17	Between 2001 and 2500 kWh	21	0.1%	100.0%	\$ 357.05	\$ 487.10	130.05	36.4%	17
18	Between 2501 and 3000 kWh	3	0.0%	100.0%	\$ 466.43	\$ 613.74	147.31	31.6%	18
19	> 3000 kWh	1	0.0%	100.0%	\$ 521.67	\$ -	(521.67)	-100.0%	19
	<b>Total</b>	<b>41,368</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 38.83</b>	<b>\$ 46.82</b>	<b>7.99</b>	<b>20.6%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (INLAND CUSTOMERS)  
 Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	902	2.2%	2.2%	\$ 5.92	\$ 7.22	1.30	22.0%	1
2	Between 101 and 200 kWh	4,758	11.5%	13.7%	\$ 15.54	\$ 19.53	3.99	25.7%	2
3	Between 201 and 300 kWh	8,388	20.3%	34.0%	\$ 26.26	\$ 33.13	6.87	26.2%	3
4	Between 301 and 400 kWh	8,699	21.0%	55.0%	\$ 38.74	\$ 49.76	11.02	28.4%	4
5	Between 401 and 500 kWh	6,708	16.2%	71.2%	\$ 56.10	\$ 74.14	18.04	32.2%	5
6	Between 501 and 600 kWh	4,651	11.2%	82.4%	\$ 78.14	\$ 103.29	25.15	32.2%	6
7	Between 601 and 700 kWh	3,015	7.3%	89.7%	\$ 101.57	\$ 133.14	31.57	31.1%	7
8	Between 701 and 800 kWh	1,816	4.4%	94.1%	\$ 126.02	\$ 163.99	37.97	30.1%	8
9	Between 801 and 900 kWh	1,092	2.6%	96.8%	\$ 150.57	\$ 194.31	43.74	29.0%	9
10	Between 901 and 1000 kWh	640	1.5%	98.3%	\$ 174.90	\$ 225.09	50.19	28.7%	10
11	Between 1001 and 1100 kWh	322	0.8%	99.1%	\$ 198.94	\$ 254.99	56.05	28.2%	11
12	Between 1101 and 1200 kWh	147	0.4%	99.4%	\$ 223.36	\$ 285.34	61.98	27.7%	12
13	Between 1201 and 1300 kWh	75	0.2%	99.6%	\$ 249.82	\$ 316.84	67.02	26.8%	13
14	Between 1301 and 1400 kWh	39	0.1%	99.7%	\$ 276.66	\$ 348.23	71.57	25.9%	14
15	Between 1401 and 1500 kWh	28	0.1%	99.8%	\$ 298.89	\$ 378.09	79.20	26.5%	15
16	Between 1501 and 2000 kWh	72	0.2%	100.0%	\$ 351.55	\$ 449.74	98.19	27.9%	16
17	Between 2001 and 2500 kWh	9	0.0%	100.0%	\$ 491.48	\$ 610.94	119.46	24.3%	17
18	Between 2501 and 3000 kWh	5	0.0%	100.0%	\$ 621.42	\$ 756.66	135.24	21.8%	18
19	> 3000 kWh	2	0.0%	100.0%	\$ 749.97	\$ 931.32	181.35	24.2%	19
	<b>Total</b>	<b>41,368</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 56.97</b>	<b>\$ 78.64</b>	<b>21.67</b>	<b>38.0%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	47	3.8%	3.8%	\$ 4.50	\$ 5.28	0.78	17.3%	1
2	Between 101 and 200 kWh	51	4.1%	7.9%	\$ 15.89	\$ 19.40	3.51	22.1%	2
3	Between 201 and 300 kWh	96	7.8%	15.7%	\$ 26.02	\$ 31.62	5.60	21.5%	3
4	Between 301 and 400 kWh	117	9.5%	25.2%	\$ 37.81	\$ 45.75	7.94	21.0%	4
5	Between 401 and 500 kWh	181	14.6%	39.8%	\$ 50.24	\$ 60.78	10.54	21.0%	5
6	Between 501 and 600 kWh	162	13.1%	52.9%	\$ 66.12	\$ 80.10	13.98	21.1%	6
7	Between 601 and 700 kWh	160	12.9%	65.9%	\$ 85.02	\$ 103.26	18.24	21.5%	7
8	Between 701 and 800 kWh	119	9.6%	75.5%	\$ 105.21	\$ 128.03	22.82	21.7%	8
9	Between 801 and 900 kWh	105	8.5%	84.0%	\$ 124.22	\$ 152.14	27.92	22.5%	9
10	Between 901 and 1000 kWh	64	5.2%	89.2%	\$ 145.44	\$ 178.82	33.38	23.0%	10
11	Between 1001 and 1100 kWh	52	4.2%	93.4%	\$ 165.01	\$ 204.59	39.58	24.0%	11
12	Between 1101 and 1200 kWh	32	2.6%	96.0%	\$ 181.51	\$ 224.93	43.42	23.9%	12
13	Between 1201 and 1300 kWh	13	1.1%	97.0%	\$ 208.48	\$ 259.42	50.94	24.4%	13
14	Between 1301 and 1400 kWh	13	1.1%	98.1%	\$ 226.74	\$ 283.86	57.12	25.2%	14
15	Between 1401 and 1500 kWh	9	0.7%	98.8%	\$ 248.56	\$ 312.53	63.97	25.7%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.9%	\$ 294.54	\$ 374.26	79.72	27.1%	16
17	Between 2001 and 2500 kWh	1	0.1%	100.0%	\$ 403.08	\$ 515.03	111.95	27.8%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>1,236</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 83.36</b>	<b>\$ 102.13</b>	<b>18.77</b>	<b>22.5%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	55	4.4%	4.4%	\$ 3.89	\$ 5.23	1.34	34.4%	1
2	Between 101 and 200 kWh	49	4.0%	8.4%	\$ 14.70	\$ 18.19	3.49	23.7%	2
3	Between 201 and 300 kWh	91	7.4%	15.8%	\$ 24.79	\$ 30.44	5.65	22.8%	3
4	Between 301 and 400 kWh	128	10.4%	26.1%	\$ 35.27	\$ 41.45	6.18	17.5%	4
5	Between 401 and 500 kWh	177	14.3%	40.5%	\$ 46.62	\$ 55.03	8.41	18.0%	5
6	Between 501 and 600 kWh	155	12.5%	53.0%	\$ 62.15	\$ 74.43	12.28	19.8%	6
7	Between 601 and 700 kWh	144	11.7%	64.6%	\$ 80.65	\$ 94.93	14.18	17.6%	7
8	Between 701 and 800 kWh	110	8.9%	73.5%	\$ 98.60	\$ 118.69	20.09	20.4%	8
9	Between 801 and 900 kWh	88	7.1%	80.7%	\$ 115.78	\$ 140.44	24.66	21.3%	9
10	Between 901 and 1000 kWh	72	5.8%	86.5%	\$ 131.61	\$ 159.39	27.78	21.1%	10
11	Between 1001 and 1100 kWh	49	4.0%	90.5%	\$ 143.82	\$ 178.56	34.74	24.2%	11
12	Between 1101 and 1200 kWh	32	2.6%	93.0%	\$ 165.12	\$ 204.96	39.84	24.1%	12
13	Between 1201 and 1300 kWh	30	2.4%	95.5%	\$ 183.18	\$ 235.74	52.56	28.7%	13
14	Between 1301 and 1400 kWh	17	1.4%	96.8%	\$ 205.37	\$ 256.99	51.62	25.1%	14
15	Between 1401 and 1500 kWh	12	1.0%	97.8%	\$ 217.83	\$ 276.17	58.34	26.8%	15
16	Between 1501 and 2000 kWh	20	1.6%	99.4%	\$ 257.10	\$ 339.39	82.29	32.0%	16
17	Between 2001 and 2500 kWh	7	0.6%	100.0%	\$ 366.53	\$ 471.25	104.72	28.6%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>1,236</b>	<b>100.0%</b>	<b>200.0%</b>	<b>\$ 80.38</b>	<b>\$ 94.96</b>	<b>14.58</b>	<b>18.1%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	64	5.2%	5.2%	\$ 4.48	\$ 4.94	0.46	10.3%	1
2	Between 101 and 200 kWh	67	5.4%	10.6%	\$ 15.60	\$ 20.32	4.72	30.3%	2
3	Between 201 and 300 kWh	104	8.4%	19.0%	\$ 26.46	\$ 33.19	6.73	25.4%	3
4	Between 301 and 400 kWh	153	12.4%	31.4%	\$ 38.47	\$ 47.66	9.19	23.9%	4
5	Between 401 and 500 kWh	148	12.0%	43.4%	\$ 50.39	\$ 62.37	11.98	23.8%	5
6	Between 501 and 600 kWh	144	11.7%	55.0%	\$ 65.95	\$ 81.91	15.96	24.2%	6
7	Between 601 and 700 kWh	129	10.4%	65.5%	\$ 87.17	\$ 109.03	21.86	25.1%	7
8	Between 701 and 800 kWh	111	9.0%	74.4%	\$ 109.11	\$ 138.46	29.35	26.9%	8
9	Between 801 and 900 kWh	111	9.0%	83.4%	\$ 132.34	\$ 168.69	36.35	27.5%	9
10	Between 901 and 1000 kWh	74	6.0%	89.4%	\$ 156.72	\$ 198.15	41.43	26.4%	10
11	Between 1001 and 1100 kWh	43	3.5%	92.9%	\$ 183.92	\$ 226.35	42.43	23.1%	11
12	Between 1101 and 1200 kWh	28	2.3%	95.1%	\$ 205.71	\$ 258.39	52.68	25.6%	12
13	Between 1201 and 1300 kWh	18	1.5%	96.6%	\$ 227.84	\$ 291.04	63.20	27.7%	13
14	Between 1301 and 1400 kWh	20	1.6%	98.2%	\$ 255.99	\$ 317.33	61.34	24.0%	14
15	Between 1401 and 1500 kWh	6	0.5%	98.7%	\$ 277.93	\$ 354.27	76.34	27.5%	15
16	Between 1501 and 2000 kWh	14	1.1%	99.8%	\$ 332.27	\$ 421.74	89.47	26.9%	16
17	Between 2001 and 2500 kWh	2	0.2%	100.0%	\$ 468.47	\$ 604.86	136.39	29.1%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>1,236</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 86.34</b>	<b>\$ 112.16</b>	<b>25.82</b>	<b>29.9%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	1.5%	1.5%	\$ 3.42	\$ 4.10	0.68	19.9%	1
2	Between 101 and 200 kWh	9	1.6%	3.1%	\$ 18.21	\$ 22.06	3.85	21.1%	2
3	Between 201 and 300 kWh	21	3.8%	6.9%	\$ 25.59	\$ 31.04	5.45	21.3%	3
4	Between 301 and 400 kWh	41	7.5%	14.4%	\$ 34.92	\$ 42.16	7.24	20.7%	4
5	Between 401 and 500 kWh	52	9.5%	23.8%	\$ 47.16	\$ 56.87	9.71	20.6%	5
6	Between 501 and 600 kWh	55	10.0%	33.8%	\$ 58.91	\$ 71.55	12.64	21.5%	6
7	Between 601 and 700 kWh	56	10.2%	44.0%	\$ 73.79	\$ 90.01	16.22	22.0%	7
8	Between 701 and 800 kWh	56	10.2%	54.2%	\$ 86.85	\$ 106.06	19.21	22.1%	8
9	Between 801 and 900 kWh	49	8.9%	63.1%	\$ 101.24	\$ 123.98	22.74	22.5%	9
10	Between 901 and 1000 kWh	43	7.8%	70.9%	\$ 121.64	\$ 148.86	27.22	22.4%	10
11	Between 1001 and 1100 kWh	32	5.8%	76.7%	\$ 139.64	\$ 170.74	31.10	22.3%	11
12	Between 1101 and 1200 kWh	35	6.4%	83.1%	\$ 160.85	\$ 197.45	36.60	22.8%	12
13	Between 1201 and 1300 kWh	28	5.1%	88.2%	\$ 182.16	\$ 223.65	41.49	22.8%	13
14	Between 1301 and 1400 kWh	17	3.1%	91.3%	\$ 206.38	\$ 253.54	47.16	22.9%	14
15	Between 1401 and 1500 kWh	16	2.9%	94.2%	\$ 231.50	\$ 283.97	52.47	22.7%	15
16	Between 1501 and 2000 kWh	24	4.4%	98.5%	\$ 272.34	\$ 337.09	64.75	23.8%	16
17	Between 2001 and 2500 kWh	5	0.9%	99.5%	\$ 373.32	\$ 475.16	101.84	27.3%	17
18	Between 2501 and 3000 kWh	3	0.5%	100.0%	\$ 471.18	\$ 604.25	133.07	28.2%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	Total	550	100.0%	100.0%	\$ 107.76	\$ 132.97	25.21	23.4%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	9	1.6%	1.6%	\$ 3.72	\$ 4.68	0.96	25.8%	1
2	Between 101 and 200 kWh	8	1.5%	3.1%	\$ 15.98	\$ 18.26	2.28	14.3%	2
3	Between 201 and 300 kWh	33	6.0%	9.1%	\$ 24.64	\$ 29.75	5.11	20.7%	3
4	Between 301 and 400 kWh	26	4.7%	13.8%	\$ 34.15	\$ 40.18	6.03	17.7%	4
5	Between 401 and 500 kWh	40	7.3%	21.1%	\$ 44.87	\$ 53.23	8.36	18.6%	5
6	Between 501 and 600 kWh	57	10.4%	31.5%	\$ 55.45	\$ 65.54	10.09	18.2%	6
7	Between 601 and 700 kWh	47	8.5%	40.0%	\$ 65.37	\$ 76.81	11.44	17.5%	7
8	Between 701 and 800 kWh	37	6.7%	46.7%	\$ 76.76	\$ 91.34	14.58	19.0%	8
9	Between 801 and 900 kWh	49	8.9%	55.6%	\$ 89.44	\$ 108.93	19.49	21.8%	9
10	Between 901 and 1000 kWh	48	8.7%	64.4%	\$ 103.56	\$ 127.28	23.72	22.9%	10
11	Between 1001 and 1100 kWh	38	6.9%	71.3%	\$ 118.04	\$ 146.70	28.66	24.3%	11
12	Between 1101 and 1200 kWh	37	6.7%	78.0%	\$ 135.43	\$ 165.66	30.23	22.3%	12
13	Between 1201 and 1300 kWh	27	4.9%	82.9%	\$ 153.67	\$ 192.00	38.33	24.9%	13
14	Between 1301 and 1400 kWh	28	5.1%	88.0%	\$ 176.39	\$ 215.65	39.26	22.3%	14
15	Between 1401 and 1500 kWh	16	2.9%	90.9%	\$ 195.09	\$ 244.09	49.00	25.1%	15
16	Between 1501 and 2000 kWh	33	6.0%	96.9%	\$ 241.73	\$ 305.12	63.39	26.2%	16
17	Between 2001 and 2500 kWh	12	2.2%	99.1%	\$ 340.46	\$ 445.30	104.84	30.8%	17
18	Between 2501 and 3000 kWh	3	0.5%	99.6%	\$ 431.60	\$ 579.36	147.76	34.2%	18
19	> 3000 kWh	2	0.4%	100.0%	\$ 585.46	\$ 728.05	142.59	24.4%	19
	Total	550	100.0%	100.0%	\$ 106.03	\$ 126.57	20.54	19.4%	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (MOUNTAIN CUSTOMERS)  
 Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	14	2.5%	2.5%	\$ 5.55	\$ 6.57	1.02	18.4%	1
2	Between 101 and 200 kWh	12	2.2%	4.7%	\$ 17.14	\$ 20.20	3.06	17.9%	2
3	Between 201 and 300 kWh	29	5.3%	10.0%	\$ 26.44	\$ 34.01	7.57	28.6%	3
4	Between 301 and 400 kWh	61	11.1%	21.1%	\$ 38.39	\$ 48.11	9.72	25.3%	4
5	Between 401 and 500 kWh	59	10.7%	31.8%	\$ 48.56	\$ 60.68	12.12	25.0%	5
6	Between 501 and 600 kWh	51	9.3%	41.1%	\$ 62.21	\$ 79.25	17.04	27.4%	6
7	Between 601 and 700 kWh	59	10.7%	51.8%	\$ 77.46	\$ 97.40	19.94	25.7%	7
8	Between 701 and 800 kWh	57	10.4%	62.2%	\$ 96.31	\$ 124.89	28.58	29.7%	8
9	Between 801 and 900 kWh	39	7.1%	69.3%	\$ 122.13	\$ 156.75	34.62	28.3%	9
10	Between 901 and 1000 kWh	38	6.9%	76.2%	\$ 145.52	\$ 184.19	38.67	26.6%	10
11	Between 1001 and 1100 kWh	26	4.7%	80.9%	\$ 165.31	\$ 215.87	50.56	30.6%	11
12	Between 1101 and 1200 kWh	31	5.6%	86.5%	\$ 192.04	\$ 244.86	52.82	27.5%	12
13	Between 1201 and 1300 kWh	26	4.7%	91.3%	\$ 216.73	\$ 275.51	58.78	27.1%	13
14	Between 1301 and 1400 kWh	12	2.2%	93.5%	\$ 242.72	\$ 302.64	59.92	24.7%	14
15	Between 1401 and 1500 kWh	10	1.8%	95.3%	\$ 265.53	\$ 336.26	70.73	26.6%	15
16	Between 1501 and 2000 kWh	22	4.0%	99.3%	\$ 322.64	\$ 407.22	84.58	26.2%	16
17	Between 2001 and 2500 kWh	4	0.7%	100.0%	\$ 470.93	\$ 572.73	101.80	21.6%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	Total	550	100.0%	100.0%	\$ 109.49	\$ 141.94	32.45	29.6%	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Annual, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	12	4.6%	4.6%	\$ 6.16	\$ 7.67	1.51	24.5%	1
2	Between 101 and 200 kWh	16	6.2%	10.8%	\$ 13.93	\$ 17.03	3.10	22.3%	2
3	Between 201 and 300 kWh	24	9.2%	20.0%	\$ 27.92	\$ 34.11	6.19	22.2%	3
4	Between 301 and 400 kWh	30	11.5%	31.5%	\$ 39.47	\$ 48.29	8.82	22.3%	4
5	Between 401 and 500 kWh	32	12.3%	43.8%	\$ 54.42	\$ 66.75	12.33	22.7%	5
6	Between 501 and 600 kWh	32	12.3%	56.2%	\$ 70.34	\$ 86.30	15.96	22.7%	6
7	Between 601 and 700 kWh	38	14.6%	70.8%	\$ 91.83	\$ 113.67	21.84	23.8%	7
8	Between 701 and 800 kWh	21	8.1%	78.8%	\$ 110.93	\$ 137.64	26.71	24.1%	8
9	Between 801 and 900 kWh	18	6.9%	85.8%	\$ 129.82	\$ 161.03	31.21	24.0%	9
10	Between 901 and 1000 kWh	13	5.0%	90.8%	\$ 150.57	\$ 187.62	37.05	24.6%	10
11	Between 1001 and 1100 kWh	12	4.6%	95.4%	\$ 171.05	\$ 213.52	42.47	24.8%	11
12	Between 1101 and 1200 kWh	6	2.3%	97.7%	\$ 199.12	\$ 249.33	50.21	25.2%	12
13	Between 1201 and 1300 kWh	2	0.8%	98.5%	\$ 207.30	\$ 263.40	56.10	27.1%	13
14	Between 1301 and 1400 kWh	1	0.4%	98.8%	\$ 220.39	\$ 273.55	53.16	24.1%	14
15	Between 1401 and 1500 kWh	0	0.0%	98.8%	\$ -	\$ -	0.00	0.0%	15
16	Between 1501 and 2000 kWh	3	1.2%	100.0%	\$ 307.47	\$ 387.82	80.35	26.1%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 81.01</b>	<b>\$ 100.38</b>	<b>19.37</b>	<b>23.9%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Winter, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	19	7.3%	7.3%	\$ 5.54	\$ 8.58	3.04	54.9%	1
2	Between 101 and 200 kWh	25	9.6%	16.9%	\$ 14.04	\$ 18.33	4.29	30.6%	2
3	Between 201 and 300 kWh	45	17.3%	34.2%	\$ 23.50	\$ 29.37	5.87	25.0%	3
4	Between 301 and 400 kWh	51	19.6%	53.8%	\$ 34.46	\$ 41.56	7.10	20.6%	4
5	Between 401 and 500 kWh	27	10.4%	64.2%	\$ 49.41	\$ 59.98	10.57	21.4%	5
6	Between 501 and 600 kWh	29	11.2%	75.4%	\$ 65.05	\$ 81.71	13.66	20.1%	6
7	Between 601 and 700 kWh	22	8.5%	83.8%	\$ 83.81	\$ 103.40	19.59	23.4%	7
8	Between 701 and 800 kWh	11	4.2%	88.1%	\$ 104.65	\$ 127.75	23.10	22.1%	8
9	Between 801 and 900 kWh	5	1.9%	90.0%	\$ 124.66	\$ 159.58	34.92	28.0%	9
10	Between 901 and 1000 kWh	11	4.2%	94.2%	\$ 141.33	\$ 161.50	20.17	14.3%	10
11	Between 1001 and 1100 kWh	6	2.3%	96.5%	\$ 155.33	\$ 196.65	41.32	26.6%	11
12	Between 1101 and 1200 kWh	3	1.2%	97.7%	\$ 169.46	\$ 223.59	54.13	31.9%	12
13	Between 1201 and 1300 kWh	4	1.5%	99.2%	\$ 198.98	\$ 256.78	57.80	29.0%	13
14	Between 1301 and 1400 kWh	0	0.0%	99.2%	\$ -	\$ 240.26	240.26	0.0%	14
15	Between 1401 and 1500 kWh	1	0.4%	99.6%	\$ 243.54	\$ 307.87	64.33	26.4%	15
16	Between 1501 and 2000 kWh	1	0.4%	100.0%	\$ 273.08	\$ 375.83	102.75	37.6%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 55.79</b>	<b>\$ 68.08</b>	<b>12.29</b>	<b>22.0%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Summer, Basic)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	16	6.2%	6.2%	\$ 5.19	\$ 6.13	0.94	18.1%	1
2	Between 101 and 200 kWh	18	6.9%	13.1%	\$ 14.07	\$ 17.94	3.87	27.5%	2
3	Between 201 and 300 kWh	22	8.5%	21.5%	\$ 27.22	\$ 32.90	5.68	20.9%	3
4	Between 301 and 400 kWh	13	5.0%	26.5%	\$ 38.05	\$ 46.60	8.55	22.5%	4
5	Between 401 and 500 kWh	20	7.7%	34.2%	\$ 48.46	\$ 62.86	14.40	29.7%	5
6	Between 501 and 600 kWh	34	13.1%	47.3%	\$ 64.71	\$ 78.96	14.25	22.0%	6
7	Between 601 and 700 kWh	15	5.8%	53.1%	\$ 88.27	\$ 101.06	12.79	14.5%	7
8	Between 701 and 800 kWh	26	10.0%	63.1%	\$ 109.52	\$ 132.86	23.34	21.3%	8
9	Between 801 and 900 kWh	15	5.8%	68.8%	\$ 128.79	\$ 160.28	31.49	24.5%	9
10	Between 901 and 1000 kWh	19	7.3%	76.2%	\$ 150.51	\$ 188.43	37.92	25.2%	10
11	Between 1001 and 1100 kWh	14	5.4%	81.5%	\$ 174.50	\$ 217.41	42.91	24.6%	11
12	Between 1101 and 1200 kWh	14	5.4%	86.9%	\$ 198.04	\$ 255.28	57.24	28.9%	12
13	Between 1201 and 1300 kWh	16	6.2%	93.1%	\$ 223.36	\$ 274.11	50.75	22.7%	13
14	Between 1301 and 1400 kWh	7	2.7%	95.8%	\$ 243.48	\$ 310.14	66.66	27.4%	14
15	Between 1401 and 1500 kWh	4	1.5%	97.3%	\$ 268.29	\$ 333.56	65.27	24.3%	15
16	Between 1501 and 2000 kWh	6	2.3%	99.6%	\$ 327.97	\$ 426.13	98.16	29.9%	16
17	Between 2001 and 2500 kWh	1	0.4%	100.0%	\$ 521.41	\$ -	(521.41)	-100.0%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ 710.82	710.82	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>260</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 106.22</b>	<b>\$ 145.61</b>	<b>39.39</b>	<b>37.1%</b>	

REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Annual, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.43	\$ 5.00	0.57	12.9%	1
2	Between 101 and 200 kWh	6	3.0%	4.9%	\$ 13.36	\$ 16.28	2.92	21.9%	2
3	Between 201 and 300 kWh	12	5.9%	10.8%	\$ 24.88	\$ 30.43	5.55	22.3%	3
4	Between 301 and 400 kWh	20	9.9%	20.7%	\$ 36.67	\$ 44.72	8.05	22.0%	4
5	Between 401 and 500 kWh	20	9.9%	30.5%	\$ 46.23	\$ 56.53	10.30	22.3%	5
6	Between 501 and 600 kWh	17	8.4%	38.9%	\$ 63.61	\$ 78.60	14.99	23.6%	6
7	Between 601 and 700 kWh	25	12.3%	51.2%	\$ 80.46	\$ 100.26	19.80	24.6%	7
8	Between 701 and 800 kWh	18	8.9%	60.1%	\$ 90.82	\$ 113.99	23.07	25.4%	8
9	Between 801 and 900 kWh	25	12.3%	72.4%	\$ 116.50	\$ 145.39	28.89	24.8%	9
10	Between 901 and 1000 kWh	15	7.4%	79.8%	\$ 134.89	\$ 168.42	33.53	24.9%	10
11	Between 1001 and 1100 kWh	17	8.4%	88.2%	\$ 150.13	\$ 187.75	37.62	25.1%	11
12	Between 1101 and 1200 kWh	7	3.4%	91.6%	\$ 175.18	\$ 219.17	43.99	25.1%	12
13	Between 1201 and 1300 kWh	10	4.9%	96.6%	\$ 196.27	\$ 245.03	48.76	24.8%	13
14	Between 1301 and 1400 kWh	0	0.0%	96.6%	\$ -	\$ -	0.00	0.0%	14
15	Between 1401 and 1500 kWh	3	1.5%	98.0%	\$ 238.32	\$ 298.00	59.68	25.0%	15
16	Between 1501 and 2000 kWh	4	2.0%	100.0%	\$ 296.99	\$ 372.93	75.94	25.6%	16
17	Between 2001 and 2500 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>203</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 95.38</b>	<b>\$ 118.81</b>	<b>23.43</b>	<b>24.6%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Winter, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	4	2.0%	2.0%	\$ 4.52	\$ 6.88	2.36	52.2%	1
2	Between 101 and 200 kWh	11	5.4%	7.4%	\$ 13.46	\$ 17.72	4.26	31.6%	2
3	Between 201 and 300 kWh	16	7.9%	15.3%	\$ 24.32	\$ 28.20	3.88	16.0%	3
4	Between 301 and 400 kWh	30	14.8%	30.0%	\$ 33.70	\$ 39.73	6.03	17.9%	4
5	Between 401 and 500 kWh	23	11.3%	41.4%	\$ 44.73	\$ 53.10	8.37	18.7%	5
6	Between 501 and 600 kWh	27	13.3%	54.7%	\$ 57.28	\$ 65.75	8.47	14.8%	6
7	Between 601 and 700 kWh	27	13.3%	68.0%	\$ 65.21	\$ 81.52	15.31	23.1%	7
8	Between 701 and 800 kWh	19	9.4%	77.3%	\$ 78.62	\$ 98.20	19.58	24.9%	8
9	Between 801 and 900 kWh	18	8.9%	86.2%	\$ 94.76	\$ 115.04	20.28	21.4%	9
10	Between 901 and 1000 kWh	8	3.9%	90.1%	\$ 115.92	\$ 147.46	31.54	27.2%	10
11	Between 1001 and 1100 kWh	6	3.0%	93.1%	\$ 136.12	\$ 167.05	30.93	22.7%	11
12	Between 1101 and 1200 kWh	6	3.0%	96.1%	\$ 157.69	\$ 190.36	32.67	20.7%	12
13	Between 1201 and 1300 kWh	2	1.0%	97.0%	\$ 166.92	\$ 229.45	62.53	37.5%	13
14	Between 1301 and 1400 kWh	2	1.0%	98.0%	\$ 194.25	\$ 251.92	57.67	29.7%	14
15	Between 1401 and 1500 kWh	2	1.0%	99.0%	\$ 213.52	\$ -	(213.52)	-100.0%	15
16	Between 1501 and 2000 kWh	1	0.5%	99.5%	\$ 239.39	\$ 333.96	94.57	39.5%	16
17	Between 2001 and 2500 kWh	1	0.5%	100.0%	\$ 319.97	\$ -	(319.97)	-100.0%	17
18	Between 2501 and 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ -	0.00	0.0%	19
	<b>Total</b>	<b>203</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 66.64</b>	<b>\$ 79.66</b>	<b>13.02</b>	<b>19.5%</b>	

**TYPICAL MONTHLY RESIDENTIAL ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3  
 (DESERT CUSTOMERS)  
 Schedule DRLI (Summer, All Electric)**

LINE NO.	Range	Number of Customers	% of Customers	Cumulative % of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE \$	CHANGE %	LINE NO.
1	Between 0 and 100 kWh	8	3.9%	3.9%	\$ 4.61	\$ 4.96	0.35	7.6%	1
2	Between 101 and 200 kWh	8	3.9%	7.9%	\$ 16.22	\$ 20.75	4.53	27.9%	2
3	Between 201 and 300 kWh	10	4.9%	12.8%	\$ 25.61	\$ 33.01	7.40	28.9%	3
4	Between 301 and 400 kWh	17	8.4%	21.2%	\$ 37.10	\$ 45.97	8.87	23.9%	4
5	Between 401 and 500 kWh	14	6.9%	28.1%	\$ 50.82	\$ 62.96	12.14	23.9%	5
6	Between 501 and 600 kWh	20	9.9%	37.9%	\$ 61.77	\$ 77.45	15.68	25.4%	6
7	Between 601 and 700 kWh	9	4.4%	42.4%	\$ 77.11	\$ 98.97	21.86	28.3%	7
8	Between 701 and 800 kWh	14	6.9%	49.3%	\$ 97.51	\$ 118.93	21.42	22.0%	8
9	Between 801 and 900 kWh	17	8.4%	57.6%	\$ 115.72	\$ 148.93	33.21	28.7%	9
10	Between 901 and 1000 kWh	15	7.4%	65.0%	\$ 139.22	\$ 176.81	37.59	27.0%	10
11	Between 1001 and 1100 kWh	8	3.9%	69.0%	\$ 163.68	\$ 207.94	44.26	27.0%	11
12	Between 1101 and 1200 kWh	17	8.4%	77.3%	\$ 182.88	\$ 236.92	54.04	29.5%	12
13	Between 1201 and 1300 kWh	19	9.4%	86.7%	\$ 207.81	\$ 265.82	58.01	27.9%	13
14	Between 1301 and 1400 kWh	8	3.9%	90.6%	\$ 231.43	\$ 294.42	62.99	27.2%	14
15	Between 1401 and 1500 kWh	6	3.0%	93.6%	\$ 250.49	\$ 327.16	76.67	30.6%	15
16	Between 1501 and 2000 kWh	11	5.4%	99.0%	\$ 295.12	\$ 392.66	97.54	33.1%	16
17	Between 2001 and 2500 kWh	1	0.5%	99.5%	\$ 510.56	\$ -	(510.56)	-100.0%	17
18	Between 2501 and 3000 kWh	1	0.5%	100.0%	\$ 603.76	\$ 734.56	130.80	21.7%	18
19	> 3000 kWh	0	0.0%	100.0%	\$ -	\$ 832.61	832.61	0.0%	19
	<b>Total</b>	<b>203</b>	<b>100.0%</b>	<b>100.0%</b>	<b>\$ 124.12</b>	<b>\$ 173.62</b>	<b>49.50</b>	<b>39.9%</b>	



REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule LS1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1784	6.3%	\$11.98	\$13.46	\$1.48	12%	1
2	LS1	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	4913	17.2%	\$14.98	\$13.60	-\$1.38	-9%	2
3	LS1	5800 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	17	0.1%	\$13.86	\$12.45	-\$1.41	-10%	3
4	LS1	5800 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	1383	4.9%	\$21.08	\$18.29	-\$2.79	-13%	4
5	LS1	5800 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	33	0.1%	\$10.85	\$13.32	\$2.47	23%	5
6	LS1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	9958	34.9%	\$13.98	\$15.35	\$1.37	10%	6
7	LS1	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1298	4.6%	\$16.80	\$15.54	-\$1.26	-8%	7
8	LS1	9500 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	219	0.8%	\$15.77	\$14.36	-\$1.41	-9%	8
9	LS1	9500 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	3195	11.2%	\$22.82	\$20.06	-\$2.76	-12%	9
10	LS1	9500 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	58	0.2%	\$12.77	\$15.03	\$2.26	18%	10
11	LS1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	890	3.1%	\$16.57	\$17.90	\$1.33	8%	11
12	LS1	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	586	2.1%	\$19.30	\$17.96	-\$1.34	-7%	12
13	LS1	16000 Lumen High Pressure Sodium Vapor Class B2 Reactor Ballast	101	0.4%	\$18.29	\$16.89	-\$1.40	-8%	13
14	LS1	16000 Lumen High Pressure Sodium Vapor Class C Reactor Ballast	501	1.8%	\$25.29	\$22.50	-\$2.79	-11%	14
15	LS1	16000 Lumen High Pressure Sodium Vapor Class C2 Reactor Ballast	22	0.1%	\$15.26	\$17.87	\$2.61	17%	15
16	LS1	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	163	0.6%	\$20.20	\$22.36	\$2.16	11%	16
17	LS1	22000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	381	1.3%	\$22.16	\$22.40	\$0.24	1%	17
18	LS1	22000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	45	0.2%	\$29.41	\$27.95	-\$1.46	-5%	18
19	LS1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1125	3.9%	\$23.68	\$26.35	\$2.67	11%	19
20	LS1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	266	0.9%	\$25.64	\$26.40	\$0.76	3%	20
21	LS1	30000 Lumen High Pressure Sodium Vapor Class B2 Regulator Ballast	2	0.0%	\$24.60	\$25.43	\$0.83	3%	21
22	LS1	30000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	300	1.1%	\$32.73	\$31.34	-\$1.39	-4%	22
23	LS1	30000 Lumen High Pressure Sodium Vapor Class C2 Regulator Ballast	62	0.2%	\$22.56	\$26.38	\$3.82	17%	23
24	LS1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	17	0.1%	\$31.41	\$33.99	\$2.58	8%	24
25	LS1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	5	0.0%	\$34.87	\$33.93	-\$0.94	-3%	25
26	LS1	50000 Lumen High Pressure Sodium Vapor Class C Regulator Ballast	60	0.2%	\$44.14	\$40.97	-\$3.17	-7%	26
27	LS1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	38	0.1%	\$14.18	\$17.73	\$3.55	25%	27
28	LS1	8000 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$16.84	\$17.90	\$1.06	6%	28
29	LS1	8000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	101	0.4%	\$22.81	\$20.98	-\$1.83	-8%	29
30	LS1	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	141	0.5%	\$17.28	\$21.45	\$4.17	24%	30
31	LS1	13500 Lumen Low Pressure Sodium Vapor Class B Reactor Ballast	17	0.1%	\$19.63	\$21.62	\$1.99	10%	31
32	LS1	13500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	181	0.6%	\$25.53	\$24.03	-\$1.50	-6%	32
33	LS1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	252	0.9%	\$20.52	\$24.87	\$4.35	21%	33
34	LS1	22500 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	2	0.0%	\$30.36	\$28.71	-\$1.65	-5%	34
35	LS1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	162	0.6%	\$22.60	\$28.34	\$5.74	25%	35
36	LS1	33000 Lumen Low Pressure Sodium Vapor Class C Reactor Ballast	112	0.4%	\$32.52	\$30.74	-\$1.78	-5%	36
37	LS1	7000 Lumen Mercury Vapor Class A Reactor Ballast	68	0.2%	\$17.32	\$18.88	\$1.56	9%	37
38	LS1	7000 Lumen Mercury Vapor Class A Regulator Ballast	2	0.0%	\$18.17	\$19.72	\$1.55	9%	38
39	LS1	20000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$33.04	\$35.13	\$2.09	6%	39
40	LS1	32000 Lumen Metal Halide Class C Reactor Ballast	37	0.1%	\$40.36	\$42.04	\$1.68	4%	40
41	Grand Total		28499	100.0%	\$17.20	\$17.19	-\$0.02	0%	41



REBUTTAL ATTACHMENT K  
 CUMULATIVE ILLUSTRATIVE BILL IMPACTS  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule LS2 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS2	4000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	1070	0.9%	\$2.41	\$3.92	\$1.50	62%	1
2	LS2	4000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	577	0.5%	\$2.81	\$4.34	\$1.52	54%	2
3	LS2	4000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	1	0.0%	\$3.93	\$5.41	\$1.47	37%	3
4	LS2	5800 Lumen High Pressure Sodium Vapor Class A Ballast	70	0.1%	\$5.70	\$7.61	\$1.92	34%	4
5	LS2	5800 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	3300	2.7%	\$4.06	\$5.60	\$1.53	38%	5
6	LS2	5800 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1455	1.2%	\$4.92	\$6.45	\$1.53	31%	6
7	LS2	5800 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	38	0.0%	\$5.58	\$7.09	\$1.50	27%	7
8	LS2	5800 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	67	0.1%	\$6.44	\$7.93	\$1.49	23%	8
9	LS2	9500 Lumen High Pressure Sodium Vapor Class A Ballast	138	0.1%	\$6.42	\$8.32	\$1.90	30%	9
10	LS2	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	7776	6.3%	\$5.72	\$7.29	\$1.57	27%	10
11	LS2	9500 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	7591	6.1%	\$6.88	\$8.42	\$1.55	22%	11
12	LS2	9500 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	129	0.1%	\$7.24	\$8.78	\$1.54	21%	12
13	LS2	9500 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	93	0.1%	\$8.39	\$9.91	\$1.53	18%	13
14	LS2	16000 Lumen High Pressure Sodium Vapor Class A Ballast	169	0.1%	\$9.21	\$10.88	\$1.66	18%	14
15	LS2	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2640	2.1%	\$8.32	\$9.86	\$1.53	18%	15
16	LS2	16000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	3918	3.2%	\$9.43	\$10.98	\$1.55	16%	16
17	LS2	16000 Lumen High Pressure Sodium Vapor Class B Reactor Ballast	15	0.0%	\$9.84	\$11.35	\$1.50	15%	17
18	LS2	16000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	20	0.0%	\$10.94	\$12.47	\$1.53	14%	18
19	LS2	22000 Lumen High Pressure Sodium Vapor Class A Ballast	98	0.1%	\$12.38	\$13.83	\$1.45	12%	19
20	LS2	22000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1888	1.5%	\$11.97	\$13.52	\$1.55	13%	20
21	LS2	30000 Lumen High Pressure Sodium Vapor Class A Ballast	176	0.1%	\$16.64	\$17.76	\$1.12	7%	21
22	LS2	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	6234	5.0%	\$15.30	\$16.88	\$1.58	10%	22
23	LS2	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	242	0.2%	\$16.81	\$18.37	\$1.56	9%	23
24	LS2	37000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	251	0.2%	\$18.67	\$20.28	\$1.61	9%	24
25	LS2	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	120	0.1%	\$23.19	\$24.81	\$1.62	7%	25
26	LS2	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	4	0.0%	\$53.70	\$55.44	\$1.75	3%	26
27	LS2	1000 Lumen Incandescent Class A Ballast	5	0.0%	\$3.54	\$5.05	\$1.51	43%	27
28	LS2	2500 Lumen Incandescent Class A Ballast	3	0.0%	\$7.88	\$9.44	\$1.55	20%	28
29	LS2	4000 Lumen Incandescent Class A Ballast	12	0.0%	\$14.37	\$15.92	\$1.54	11%	29
30	LS2	3440 Lumen Induction Class A Ballast	5086	4.1%	\$1.95	\$3.48	\$1.53	78%	30
31	LS2	3495 Lumen Induction Class A Ballast	235	0.2%	\$2.41	\$3.92	\$1.50	62%	31
32	LS2	3500 Lumen Induction Class A Ballast	2053	1.7%	\$2.67	\$4.19	\$1.52	57%	32
33	LS2	6000 Lumen Induction Class A Ballast	23886	19.3%	\$4.18	\$5.74	\$1.56	37%	33
34	LS2	6528 Lumen Induction Class A Ballast	1141	0.9%	\$3.92	\$5.46	\$1.54	39%	34
35	LS2	8800 Lumen Induction Class A Ballast	1497	1.2%	\$4.90	\$6.44	\$1.54	31%	35
36	LS2	12000 Lumen Induction Class A Ballast	7068	5.7%	\$8.03	\$9.57	\$1.54	19%	36
37	LS2	12800 Lumen Induction Class A Ballast	2617	2.1%	\$7.32	\$8.86	\$1.54	21%	37
38	LS2	16800 Lumen Induction Class A Ballast	193	0.2%	\$9.73	\$11.27	\$1.54	16%	38
39	LS2	21040 Lumen Induction Class A Ballast	1	0.0%	\$12.20	\$13.80	\$1.59	13%	39
40	LS2	32640 Lumen Induction Class A Ballast	4	0.0%	\$19.51	\$21.12	\$1.61	8%	40
41	LS2	37.5 Lumen LED Class A Ballast	21	0.0%	\$1.87	\$3.34	\$1.47	79%	41
42	LS2	42.5 Lumen LED Class A Ballast	102	0.1%	\$2.16	\$3.61	\$1.45	67%	42
43	LS2	47.5 Lumen LED Class A Ballast	2	0.0%	\$2.30	\$3.77	\$1.47	64%	43
44	LS2	52.5 Lumen LED Class A Ballast	5035	4.1%	\$2.59	\$4.06	\$1.47	57%	44
45	LS2	57.5 Lumen LED Class A Ballast	1364	1.1%	\$2.88	\$4.34	\$1.45	50%	45
46	LS2	62.5 Lumen LED Class A Ballast	2	0.0%	\$3.18	\$4.60	\$1.43	45%	46
47	LS2	67.5 Lumen LED Class A Ballast	205	0.2%	\$3.33	\$4.77	\$1.44	43%	47
48	LS2	72.5 Lumen LED Class A Ballast	344	0.3%	\$3.62	\$5.04	\$1.42	39%	48
49	LS2	77.5 Lumen LED Class A Ballast	83	0.1%	\$3.91	\$5.32	\$1.41	36%	49
50	LS2	82.5 Lumen LED Class A Ballast	2115	1.7%	\$4.19	\$5.60	\$1.40	34%	50
51	LS2	87.5 Lumen LED Class A Ballast	265	0.2%	\$4.33	\$5.76	\$1.43	33%	51
52	LS2	92.5 Lumen LED Class A Ballast	1339	1.1%	\$4.61	\$6.03	\$1.41	31%	52
53	LS2	97.5 Lumen LED Class A Ballast	216	0.2%	\$4.90	\$6.30	\$1.40	28%	53
54	LS2	102.5 Lumen LED Class A Ballast	361	0.3%	\$5.19	\$6.57	\$1.38	27%	54
55	LS2	107.5 Lumen LED Class A Ballast	543	0.4%	\$5.34	\$6.73	\$1.40	26%	55
56	LS2	112.5 Lumen LED Class A Ballast	1731	1.4%	\$5.63	\$7.01	\$1.38	25%	56
57	LS2	117.5 Lumen LED Class A Ballast	73	0.1%	\$5.92	\$7.29	\$1.37	23%	57
58	LS2	127.5 Lumen LED Class A Ballast	1027	0.8%	\$6.34	\$7.73	\$1.38	22%	58
59	LS2	132.5 Lumen LED Class A Ballast	81	0.1%	\$6.63	\$8.01	\$1.38	21%	59
60	LS2	137.5 Lumen LED Class A Ballast	3803	3.1%	\$6.93	\$8.28	\$1.35	20%	60
61	LS2	142.5 Lumen LED Class A Ballast	30	0.0%	\$7.08	\$8.44	\$1.37	19%	61
62	LS2	147.5 Lumen LED Class A Ballast	21	0.0%	\$7.37	\$8.74	\$1.37	19%	62
63	LS2	157.5 Lumen LED Class A Ballast	4	0.0%	\$7.94	\$9.27	\$1.33	17%	63
64	LS2	177.5 Lumen LED Class A Ballast	25	0.0%	\$8.96	\$10.26	\$1.30	15%	64
65	LS2	182.5 Lumen LED Class A Ballast	6	0.0%	\$9.11	\$10.42	\$1.31	14%	65
66	LS2	187.5 Lumen LED Class A Ballast	8	0.0%	\$9.40	\$10.71	\$1.31	14%	66
67	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Ballast	687	0.6%	\$2.62	\$4.80	\$2.17	83%	67
68	LS2	4800 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	525	0.4%	\$3.25	\$4.77	\$1.52	47%	68
69	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Ballast	323	0.3%	\$3.83	\$5.92	\$2.09	55%	69
70	LS2	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	7392	6.0%	\$4.32	\$5.86	\$1.54	36%	70
71	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Ballast	59	0.0%	\$6.89	\$8.74	\$1.85	27%	71
72	LS2	13500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	6157	5.0%	\$7.05	\$8.59	\$1.54	22%	72
73	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Ballast	111	0.1%	\$9.81	\$11.44	\$1.64	17%	73
74	LS2	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	2721	2.2%	\$10.02	\$11.55	\$1.53	15%	74
75	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Ballast	1	0.0%	\$11.63	\$13.11	\$1.49	13%	75
76	LS2	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	3855	3.1%	\$11.49	\$13.07	\$1.58	14%	76
77	LS2	7000 Lumen Mercury Vapor Class A Ballast	12	0.0%	\$11.00	\$12.56	\$1.56	14%	77
78	LS2	7000 Lumen Mercury Vapor Class A Reactor Ballast	8	0.0%	\$9.40	\$10.97	\$1.57	17%	78
79	LS2	7000 Lumen Mercury Vapor Class A Regulator Ballast	571	0.5%	\$10.25	\$11.81	\$1.56	15%	79
80	LS2	7000 Lumen Mercury Vapor Class B Regulator Ballast	50	0.0%	\$11.77	\$13.30	\$1.53	13%	80
81	LS2	10000 Lumen Mercury Vapor Class A Regulator Ballast	67	0.1%	\$14.22	\$15.76	\$1.54	11%	81
82	LS2	20000 Lumen Mercury Vapor Class A Ballast	4	0.0%	\$23.58	\$24.14	\$0.56	2%	82
83	LS2	20000 Lumen Mercury Vapor Class A Regulator Ballast	195	0.2%	\$22.46	\$24.09	\$1.63	7%	83
84	LS2	20000 Lumen Mercury Vapor Class B Regulator Ballast	7	0.0%	\$23.97	\$25.58	\$1.61	7%	84
85	LS2	35000 Lumen Mercury Vapor Class A Regulator Ballast	1	0.0%	\$38.05	\$39.77	\$1.72	5%	85
86	LS2	8500 Lumen Metal Halide Class A Ballast	253	0.2%	\$6.44	\$8.00	\$1.56	24%	86
87	LS2	12000 Lumen Metal Halide Class A Reactor Ballast	45	0.0%	\$10.10	\$11.68	\$1.58	16%	87
88	LS2	32000 Lumen Metal Halide Class A Reactor Ballast	12	0.0%	\$21.65	\$23.26	\$1.61	7%	88
89	Grand Total		123743	100.0%	\$6.30	\$7.83	\$1.53	24%	89

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule OL1 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Lights	% of Lights	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	OL1	9500 Lumen High Pressure Sodium Vapor Class A Ballast	2	0.0%	\$15.25	\$17.34	\$2.09	14%	1
2	OL1	9500 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	2940	45.7%	\$15.25	\$17.34	\$2.09	14%	2
3	OL1	16000 Lumen High Pressure Sodium Vapor Class A Ballast	3	0.0%	\$17.84	\$19.89	\$2.05	11%	3
4	OL1	16000 Lumen High Pressure Sodium Vapor Class A Reactor Ballast	535	8.3%	\$17.84	\$19.89	\$2.05	11%	4
5	OL1	30000 Lumen High Pressure Sodium Vapor Class A Ballast	10	0.2%	\$25.13	\$28.77	\$3.64	14%	5
6	OL1	30000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	1379	21.5%	\$25.13	\$28.77	\$3.64	14%	6
7	OL1	30000 Lumen High Pressure Sodium Vapor Class B Ballast	3	0.0%	\$25.93	\$29.93	\$4.00	15%	7
8	OL1	30000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	133	2.1%	\$25.93	\$29.93	\$4.00	15%	8
9	OL1	50000 Lumen High Pressure Sodium Vapor Class A Ballast	32	0.5%	\$32.83	\$36.33	\$3.50	11%	9
10	OL1	50000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	235	3.7%	\$32.83	\$36.33	\$3.50	11%	10
11	OL1	50000 Lumen High Pressure Sodium Vapor Class B Ballast	8	0.1%	\$34.00	\$38.12	\$4.12	12%	11
12	OL1	50000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	124	1.9%	\$34.00	\$38.12	\$4.12	12%	12
13	OL1	140000 Lumen High Pressure Sodium Vapor Class A Regulator Ballast	5	0.1%	\$64.60	\$67.28	\$2.69	4%	13
14	OL1	140000 Lumen High Pressure Sodium Vapor Class B Ballast	2	0.0%	\$66.65	\$71.57	\$4.93	7%	14
15	OL1	140000 Lumen High Pressure Sodium Vapor Class B Regulator Ballast	83	1.3%	\$66.65	\$71.57	\$4.93	7%	15
16	OL1	8000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	118	1.8%	\$15.95	\$20.88	\$4.93	31%	16
17	OL1	13000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	303	4.7%	\$19.13	\$24.90	\$5.77	30%	17
18	OL1	22500 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	95	1.5%	\$23.17	\$28.46	\$5.29	23%	18
19	OL1	33000 Lumen Low Pressure Sodium Vapor Class A Reactor Ballast	417	6.5%	\$23.90	\$32.52	\$8.62	36%	19
20	Grand Total		6427	100.0%	\$20.53	\$23.83	\$3.30	16%	20

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule LS3 (Annual Billing Period)

LINE NO.	Rate	Light Type	Number of Customers	% of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	1
2	-8.0% to -10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	2
3	-6.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	3
4	-4.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	4
5	-2.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	5
6	0.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	7
8	2.0% to 4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	8
9	4.0% to 6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	9
10	6.0% to 8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	10
11	8.0% to 10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	11
12	>10%	Metered Usage	147	100.0%	\$12.15	\$14.87	\$2.72	22%	12
13	Grand Total		147	100.0%	\$12.15	\$14.87	\$2.72	22%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Schedule OL2 (Annual Billing Period)

LINE NO.	Range	Light Type	Number of Customers	% of Customers	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	<-10%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	1
2	-8.0% to -10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	2
3	-6.0% to -8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	3
4	-4.0% to -6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	4
5	-2.0% to -4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	5
6	0.0% to -2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	6
7	0.0% to 2.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	7
8	2.0% to 4.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	8
9	4.0% to 6.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	9
10	6.0% to 8.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	10
11	8.0% to 10.0%	Metered Usage	0	0.0%	\$0.00	\$0.00	\$0.00	0%	11
12	>10%	Metered Usage	37	100.0%	\$28.46	\$32.07	\$3.61	13%	12
13	Grand Total		37	100.0%	\$28.46	\$32.07	\$3.61	13%	13

**TYPICAL MONTHLY STREETLIGHTING ENERGY CHARGES AT PRESENT AND REBUTTAL YEAR 3**  
 Poles (Annual Billing Period)

LINE NO.	Rate	Pole Type	Number of Poles	% of Poles	August 1, 2016 (Current) (\$)	Rebuttal Year 3 (\$)	CHANGE (\$)	CHANGE (%)	LINE NO.
1	LS1	30-Foot Pole	73	24.1%	\$4,607.76	\$7,235.76	\$2,628.00	57%	1
2	LS1	35-Foot Pole	2	0.7%	\$137.76	\$207.12	\$69.36	50%	2
3	OL1	30-Foot Pole	83	27.4%	\$8,007.84	\$13,854.36	\$5,846.52	73%	3
4	OL1	35-Foot Pole	145	47.9%	\$15,277.20	\$25,299.60	\$10,022.40	66%	4
5	Grand Total		303	100.0%	\$7.71	\$12.82	\$5.11	66%	5

**ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES**

**FOR YEAR 1**

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
12	Above 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
17	Above 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
12	Above 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
17	Above 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
10	101% to 130% of Baseline	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
11	131% to 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
12	Above 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
15	101% to 130% of Baseline	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
16	131% to 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
17	Above 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
12	Above 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
15	101% to 130% of Baseline	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
16	131% to 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
17	Above 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
12	Above 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
17	Above 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
12	Above 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
17	Above 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
10	101% to 130% of Baseline	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
11	131% to 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
12	Above 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
15	101% to 130% of Baseline	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
16	131% to 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
17	Above 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
12	Above 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
17	Above 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
12	Above 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
17	Above 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
10	101% to 130% of Baseline	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
11	131% to 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
12	Above 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
15	101% to 130% of Baseline	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
16	131% to 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
17	Above 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
12	Above 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
15	101% to 130% of Baseline	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
16	131% to 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
17	Above 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
12	Above 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
17	Above 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
12	Above 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
17	Above 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
10	101% to 130% of Baseline	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
11	131% to 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
12	Above 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
15	101% to 130% of Baseline	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
16	131% to 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
17	Above 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
12	Above 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
15	101% to 130% of Baseline	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
16	131% to 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
17	Above 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.23613	0.22383	(0.01230)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
12	Above 400% of Baseline	\$/kWh	0.39395	0.46160	0.06765	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.19558	0.18920	(0.00638)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
17	Above 400% of Baseline	\$/kWh	0.32629	0.39018	0.06389	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
10	101% to 130% of Baseline	\$/kWh	0.20195	0.19143	(0.01052)	-5.2%
11	131% to 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
12	Above 400% of Baseline	\$/kWh	0.24854	0.29122	0.04268	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
15	101% to 130% of Baseline	\$/kWh	0.16727	0.16181	(0.00546)	-3.3%
16	131% to 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
17	Above 400% of Baseline	\$/kWh	0.20586	0.24617	0.04031	19.6%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
10	101% to 130% of Baseline	\$/kWh	0.22868	0.21601	(0.01267)	-5.5%
11	131% to 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
12	Above 400% of Baseline	\$/kWh	0.38650	0.45378	0.06728	17.4%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
15	101% to 130% of Baseline	\$/kWh	0.18813	0.18138	(0.00675)	-3.6%
16	131% to 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
17	Above 400% of Baseline	\$/kWh	0.31884	0.38236	0.06352	19.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.23394	0.22140	(0.01254)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
12	Above 400% of Baseline	\$/kWh	0.39176	0.45917	0.06741	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
15	101% to 130% of Baseline	\$/kWh	0.19339	0.18677	(0.00662)	-3.4%
16	131% to 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
17	Above 400% of Baseline	\$/kWh	0.32410	0.38775	0.06365	19.6%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
10	101% to 130% of Baseline	\$/kWh	0.19976	0.18900	(0.01076)	-5.4%
11	131% to 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
12	Above 400% of Baseline	\$/kWh	0.24635	0.28879	0.04244	17.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
15	101% to 130% of Baseline	\$/kWh	0.16508	0.15938	(0.00570)	-3.5%
16	131% to 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
17	Above 400% of Baseline	\$/kWh	0.20367	0.24374	0.04007	19.7%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.34070	0.31292	(0.02778)	-8.2%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.34070	0.31292	(0.02778)	-8.2%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.56841	0.64531	0.07690	13.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.56841	0.64531	0.07690	13.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.20825	0.19959	(0.00866)	-4.2%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.20825	0.19959	(0.00866)	-4.2%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.34744	0.41161	0.06417	18.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.34744	0.41161	0.06417	18.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.17652	0.17339	(0.00313)	-1.8%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17652	0.17339	(0.00313)	-1.8%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.29449	0.35758	0.06309	21.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.29449	0.35758	0.06309	21.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.19037	0.18242	(0.00795)	-4.2%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.19037	0.18242	(0.00795)	-4.2%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.31761	0.37620	0.05859	18.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.31761	0.37620	0.05859	18.4%
26	Semi-Peak: Baseline Energy	\$/kWh	0.18426	0.17810	(0.00616)	-3.3%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.18426	0.17810	(0.00616)	-3.3%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.30741	0.36729	0.05988	19.5%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.30741	0.36729	0.05988	19.5%
30	Off-Peak: Baseline Energy	\$/kWh	0.17824	0.17363	(0.00461)	-2.6%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17824	0.17363	(0.00461)	-2.6%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.29736	0.35806	0.06070	20.4%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.29736	0.35806	0.06070	20.4%
34	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

## REBUTTAL ATTACHMENT L

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.29138	0.26762	(0.02376)	-8.2%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.29138	0.26762	(0.02376)	-8.2%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.35861	0.40713	0.04852	13.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.35861	0.40713	0.04852	13.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.17811	0.17070	(0.00741)	-4.2%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.17811	0.17070	(0.00741)	-4.2%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.21920	0.25968	0.04048	18.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21920	0.25968	0.04048	18.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.15096	0.14829	(0.00267)	-1.8%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15096	0.14829	(0.00267)	-1.8%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18579	0.22560	0.03981	21.4%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.18579	0.22560	0.03981	21.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16281	0.15601	(0.00680)	-4.2%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16281	0.15601	(0.00680)	-4.2%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.20038	0.23734	0.03696	18.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.20038	0.23734	0.03696	18.4%
26	Semi-Peak: Baseline Energy	\$/kWh	0.15759	0.15232	(0.00527)	-3.3%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.15759	0.15232	(0.00527)	-3.3%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19394	0.23172	0.03778	19.5%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.19394	0.23172	0.03778	19.5%
30	Off-Peak: Baseline Energy	\$/kWh	0.15243	0.14849	(0.00394)	-2.6%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15243	0.14849	(0.00394)	-2.6%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18760	0.22590	0.03830	20.4%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.18760	0.22590	0.03830	20.4%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.33325	0.30510	(0.02815)	-8.4%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.33325	0.30510	(0.02815)	-8.4%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.56096	0.63749	0.07653	13.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.56096	0.63749	0.07653	13.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.20080	0.19177	(0.00903)	-4.5%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.20080	0.19177	(0.00903)	-4.5%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.33999	0.40379	0.06380	18.8%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.33999	0.40379	0.06380	18.8%
17	Off-Peak: Baseline Energy	\$/kWh	0.16907	0.16557	(0.00350)	-2.1%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16907	0.16557	(0.00350)	-2.1%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.28704	0.34976	0.06272	21.9%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.28704	0.34976	0.06272	21.9%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.18292	0.17460	(0.00832)	-4.5%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.18292	0.17460	(0.00832)	-4.5%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.31016	0.36838	0.05822	18.8%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.31016	0.36838	0.05822	18.8%
26	Semi-Peak: Baseline Energy	\$/kWh	0.17681	0.17028	(0.00653)	-3.7%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.17681	0.17028	(0.00653)	-3.7%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.29996	0.35947	0.05951	19.8%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.29996	0.35947	0.05951	19.8%
30	Off-Peak: Baseline Energy	\$/kWh	0.17079	0.16581	(0.00498)	-2.9%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17079	0.16581	(0.00498)	-2.9%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.28991	0.35024	0.06033	20.8%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.28991	0.35024	0.06033	20.8%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28919	0.26519	(0.02400)	-8.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28919	0.26519	(0.02400)	-8.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.35642	0.40470	0.04828	13.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.35642	0.40470	0.04828	13.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.17592	0.16827	(0.00765)	-4.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.17592	0.16827	(0.00765)	-4.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.21701	0.25725	0.04024	18.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21701	0.25725	0.04024	18.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.14877	0.14586	(0.00291)	-2.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14877	0.14586	(0.00291)	-2.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18360	0.22317	0.03957	21.6%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.18360	0.22317	0.03957	21.6%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16062	0.15358	(0.00704)	-4.4%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16062	0.15358	(0.00704)	-4.4%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.19819	0.23491	0.03672	18.5%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.19819	0.23491	0.03672	18.5%
26	Semi-Peak: Baseline Energy	\$/kWh	0.15540	0.14989	(0.00551)	-3.5%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.15540	0.14989	(0.00551)	-3.5%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19175	0.22929	0.03754	19.6%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.19175	0.22929	0.03754	19.6%
30	Off-Peak: Baseline Energy	\$/kWh	0.15024	0.14606	(0.00418)	-2.8%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15024	0.14606	(0.00418)	-2.8%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18541	0.22347	0.03806	20.5%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.18541	0.22347	0.03806	20.5%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						



**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.33851	0.31049	(0.02802)	-8.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.33851	0.31049	(0.02802)	-8.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.56622	0.64288	0.07666	13.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.56622	0.64288	0.07666	13.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.20606	0.19716	(0.00890)	-4.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.20606	0.19716	(0.00890)	-4.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.34525	0.40918	0.06393	18.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.34525	0.40918	0.06393	18.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.17433	0.17096	(0.00337)	-1.9%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17433	0.17096	(0.00337)	-1.9%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.29230	0.35515	0.06285	21.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.29230	0.35515	0.06285	21.5%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.18818	0.17999	(0.00819)	-4.4%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.18818	0.17999	(0.00819)	-4.4%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.31542	0.37377	0.05835	18.5%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.31542	0.37377	0.05835	18.5%
26	Semi-Peak: Baseline Energy	\$/kWh	0.18207	0.17567	(0.00640)	-3.5%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.18207	0.17567	(0.00640)	-3.5%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.30522	0.36486	0.05964	19.5%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.30522	0.36486	0.05964	19.5%
30	Off-Peak: Baseline Energy	\$/kWh	0.17605	0.17120	(0.00485)	-2.8%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17605	0.17120	(0.00485)	-2.8%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.29517	0.35563	0.06046	20.5%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.29517	0.35563	0.06046	20.5%
34	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.28919	0.26519	(0.02400)	-8.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.28919	0.26519	(0.02400)	-8.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.35642	0.40470	0.04828	13.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.35642	0.40470	0.04828	13.5%
13	Semi-Peak: Baseline Energy	\$/kWh	0.17592	0.16827	(0.00765)	-4.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.17592	0.16827	(0.00765)	-4.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.21701	0.25725	0.04024	18.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21701	0.25725	0.04024	18.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.14877	0.14586	(0.00291)	-2.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.14877	0.14586	(0.00291)	-2.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18360	0.22317	0.03957	21.6%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.18360	0.22317	0.03957	21.6%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.16062	0.15358	(0.00704)	-4.4%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.16062	0.15358	(0.00704)	-4.4%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.19819	0.23491	0.03672	18.5%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.19819	0.23491	0.03672	18.5%
26	Semi-Peak: Baseline Energy	\$/kWh	0.15540	0.14989	(0.00551)	-3.5%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.15540	0.14989	(0.00551)	-3.5%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19175	0.22929	0.03754	19.6%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.19175	0.22929	0.03754	19.6%
30	Off-Peak: Baseline Energy	\$/kWh	0.15024	0.14606	(0.00418)	-2.8%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15024	0.14606	(0.00418)	-2.8%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.18541	0.22347	0.03806	20.5%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.18541	0.22347	0.03806	20.5%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46734	0.48806	0.02072	4.4%
10	Semi-Peak: Summer	\$/kWh	0.24644	0.25441	0.00797	3.2%
11	Off-Peak: Summer	\$/kWh	0.19344	0.20034	0.00690	3.6%
12	On-Peak: Winter	\$/kWh	0.21658	0.21893	0.00235	1.1%
13	Semi-Peak: Winter	\$/kWh	0.20640	0.21009	0.00369	1.8%
14	Off-Peak: Winter	\$/kWh	0.19633	0.20082	0.00449	2.3%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46208	0.48267	0.02059	4.5%
10	Semi-Peak: Summer	\$/kWh	0.24118	0.24902	0.00784	3.3%
11	Off-Peak: Summer	\$/kWh	0.18818	0.19495	0.00677	3.6%
12	On-Peak: Winter	\$/kWh	0.21132	0.21354	0.00222	1.1%
13	Semi-Peak: Winter	\$/kWh	0.20114	0.20470	0.00356	1.8%
14	Off-Peak: Winter	\$/kWh	0.19107	0.19543	0.00436	2.3%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46588	0.48267	0.01679	3.6%
10	Semi-Peak: Summer	\$/kWh	0.24498	0.24902	0.00404	1.6%
11	Off-Peak: Summer	\$/kWh	0.19198	0.19495	0.00297	1.5%
12	On-Peak: Winter	\$/kWh	0.21512	0.21354	(0.00158)	-0.7%
13	Semi-Peak: Winter	\$/kWh	0.20494	0.20470	(0.00024)	-0.1%
14	Off-Peak: Winter	\$/kWh	0.19487	0.19543	0.00056	0.3%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46734	0.48806	0.02072	4.4%
10	Off-Peak: Summer	\$/kWh	0.24640	0.25440	0.00800	3.2%
11	Super Off-Peak: Summer	\$/kWh	0.19338	0.20033	0.00695	3.6%
12	On-Peak: Winter	\$/kWh	0.21658	0.21896	0.00238	1.1%
13	Off-Peak: Winter	\$/kWh	0.20639	0.21009	0.00370	1.8%
14	Super Off-Peak: Winter	\$/kWh	0.19627	0.20081	0.00454	2.3%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46734	0.48806	0.02072	4.4%
10	Off-Peak: Summer	\$/kWh	0.24640	0.25440	0.00800	3.2%
11	Super Off-Peak: Summer	\$/kWh	0.19338	0.20033	0.00695	3.6%
12	On-Peak: Winter	\$/kWh	0.21658	0.21896	0.00238	1.1%
13	Off-Peak: Winter	\$/kWh	0.20639	0.21009	0.00370	1.8%
14	Super Off-Peak: Winter	\$/kWh	0.19627	0.20081	0.00454	2.3%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

## REBUTTAL ATTACHMENT L

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46208	0.48267	0.02059	4.5%
10	Off-Peak: Summer	\$/kWh	0.24114	0.24901	0.00787	3.3%
11	Super Off-Peak: Summer	\$/kWh	0.18812	0.19494	0.00682	3.6%
12	On-Peak: Winter	\$/kWh	0.21132	0.21357	0.00225	1.1%
13	Off-Peak: Winter	\$/kWh	0.20113	0.20470	0.00357	1.8%
14	Super Off-Peak: Winter	\$/kWh	0.19101	0.19542	0.00441	2.3%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.46588	0.48267	0.01679	3.6%
10	Off-Peak: Summer	\$/kWh	0.24494	0.24901	0.00407	1.7%
11	Super Off-Peak: Summer	\$/kWh	0.19192	0.19494	0.00302	1.6%
12	On-Peak: Winter	\$/kWh	0.21512	0.21357	(0.00155)	-0.7%
13	Off-Peak: Winter	\$/kWh	0.20493	0.20470	(0.00023)	-0.1%
14	Super Off-Peak: Winter	\$/kWh	0.19481	0.19542	0.00061	0.3%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44788	0.51536	0.06748	15.1%
10	Semi-Peak: Summer	\$/kWh	0.39395	0.46160	0.06765	17.2%
11	Off-Peak: Summer	\$/kWh	0.34060	0.40837	0.06777	19.9%
12	On-Peak: Winter	\$/kWh	0.33613	0.39888	0.06275	18.7%
13	Semi-Peak: Winter	\$/kWh	0.32600	0.39005	0.06405	19.6%
14	Off-Peak: Winter	\$/kWh	0.31601	0.38085	0.06484	20.5%
15	Baseline Adjustment - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
17	Baseline Adjustment - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
19	Minimum Bill	\$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30247	0.34498	0.04251	14.1%
10	Semi-Peak: Summer	\$/kWh	0.24854	0.29122	0.04268	17.2%
11	Off-Peak: Summer	\$/kWh	0.19519	0.23799	0.04280	21.9%
12	On-Peak: Winter	\$/kWh	0.21570	0.25487	0.03917	18.2%
13	Semi-Peak: Winter	\$/kWh	0.20557	0.24604	0.04047	19.7%
14	Off-Peak: Winter	\$/kWh	0.19558	0.23684	0.04126	21.1%
15	Baseline Adjustment - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
17	Baseline Adjustment - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44043	0.50754	0.06711	15.2%
10	Semi-Peak: Summer	\$/kWh	0.38650	0.45378	0.06728	17.4%
11	Off-Peak: Summer	\$/kWh	0.33315	0.40055	0.06740	20.2%
12	On-Peak: Winter	\$/kWh	0.32868	0.39106	0.06238	19.0%
13	Semi-Peak: Winter	\$/kWh	0.31855	0.38223	0.06368	20.0%
14	Off-Peak: Winter	\$/kWh	0.30856	0.37303	0.06447	20.9%
15	Baseline Adjustment - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
17	Baseline Adjustment - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30028	0.34255	0.04227	14.1%
10	Semi-Peak: Summer	\$/kWh	0.24635	0.28879	0.04244	17.2%
11	Off-Peak: Summer	\$/kWh	0.19300	0.23556	0.04256	22.1%
12	On-Peak: Winter	\$/kWh	0.21351	0.25244	0.03893	18.2%
13	Semi-Peak: Winter	\$/kWh	0.20338	0.24361	0.04023	19.8%
14	Off-Peak: Winter	\$/kWh	0.19339	0.23441	0.04102	21.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
17	Baseline Adjustment - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.44569	0.51293	0.06724	15.1%
10	Semi-Peak: Summer	\$/kWh	0.39176	0.45917	0.06741	17.2%
11	Off-Peak: Summer	\$/kWh	0.33841	0.40594	0.06753	20.0%
12	On-Peak: Winter	\$/kWh	0.33394	0.39645	0.06251	18.7%
13	Semi-Peak: Winter	\$/kWh	0.32381	0.38762	0.06381	19.7%
14	Off-Peak: Winter	\$/kWh	0.31382	0.37842	0.06460	20.6%
15	Baseline Adjustment - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.15782)	(0.23777)	(0.07995)	50.7%
17	Baseline Adjustment - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.13071)	(0.20098)	(0.07027)	53.8%
19	Minimum Bill	\$/Day	0.329	0.164	(0.165)	-50.2%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.30028	0.34255	0.04227	14.1%
10	Semi-Peak: Summer	\$/kWh	0.24635	0.28879	0.04244	17.2%
11	Off-Peak: Summer	\$/kWh	0.19300	0.23556	0.04256	22.1%
12	On-Peak: Winter	\$/kWh	0.21351	0.25244	0.03893	18.2%
13	Semi-Peak: Winter	\$/kWh	0.20338	0.24361	0.04023	19.8%
14	Off-Peak: Winter	\$/kWh	0.19339	0.23441	0.04102	21.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.04659)	(0.09979)	(0.05320)	114.2%
17	Baseline Adjustment - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.03859)	(0.08436)	(0.04577)	118.6%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.66138	0.66138	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.40817	0.40817	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.34739	0.34739	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.40222	0.40222	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.39034	0.39034	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.37861	0.37861	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.65599	0.65599	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.40278	0.40278	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.34200	0.34200	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.39683	0.39683	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.38495	0.38495	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.37322	0.37322	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.66138	0.66138	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.38514	0.38514	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.40222	0.40222	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.38562	0.38562	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.65599	0.65599	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.37975	0.37975	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.39683	0.39683	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.38023	0.38023	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.23777)	(0.23777)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20098)	(0.20098)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
5	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
6	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
7	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
10	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
11	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
12	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.27192	0.24592	(0.02600)	-9.6%
28	Primary	\$/kWh	0.27092	0.24504	(0.02588)	-9.6%
29	Winter					
30	Secondary	\$/kWh	0.20967	0.18475	(0.02492)	-11.9%
31	Primary	\$/kWh	0.20893	0.18415	(0.02478)	-11.9%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
5	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
6	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
7	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
10	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
11	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
12	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.26495	0.19642	(0.06853)	-25.9%
28	Primary	\$/kWh	0.26395	0.19606	(0.06789)	-25.7%
29	Winter					
30	Secondary	\$/kWh	0.20270	0.16174	(0.04096)	-20.2%
31	Primary	\$/kWh	0.20196	0.16138	(0.04058)	-20.1%



**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
5	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
6	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
7	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
10	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
11	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
12	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.31465	0.28376	(0.03089)	-9.8%
28	Primary	\$/kWh	0.31336	0.28263	(0.03073)	-9.8%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.27192	0.24592	(0.02600)	-9.6%
31	Primary	\$/kWh	0.27084	0.24498	(0.02586)	-9.5%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.23400	0.21242	(0.02158)	-9.2%
34	Primary	\$/kWh	0.23310	0.21163	(0.02147)	-9.2%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.22014	0.19315	(0.02699)	-12.3%
37	Primary	\$/kWh	0.21932	0.19247	(0.02685)	-12.2%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20980	0.18498	(0.02482)	-11.8%
40	Primary	\$/kWh	0.20905	0.18437	(0.02468)	-11.8%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.19958	0.17645	(0.02313)	-11.6%
43	Primary	\$/kWh	0.19896	0.17594	(0.02302)	-11.6%

## REBUTTAL ATTACHMENT L

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
5	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
6	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
7	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	9.33	9.33	0.00	0.0%
10	5-20 kW	\$/Month	16.00	16.00	0.00	0.0%
11	20-50 kW	\$/Month	26.67	26.67	0.00	0.0%
12	>50 kW	\$/Month	66.67	66.67	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.30768	0.19642	(0.11126)	-36.2%
28	Primary	\$/kWh	0.30639	0.19606	(0.11033)	-36.0%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.26495	0.19642	(0.06853)	-25.9%
31	Primary	\$/kWh	0.26387	0.19606	(0.06781)	-25.7%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.22703	0.19642	(0.03061)	-13.5%
34	Primary	\$/kWh	0.22613	0.19606	(0.03007)	-13.3%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21317	0.16174	(0.05143)	-24.1%
37	Primary	\$/kWh	0.21235	0.16138	(0.05097)	-24.0%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20283	0.16174	(0.04109)	-20.3%
40	Primary	\$/kWh	0.20208	0.16138	(0.04070)	-20.1%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.19261	0.16174	(0.03087)	-16.0%
43	Primary	\$/kWh	0.19199	0.16138	(0.03061)	-15.9%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	50.04	58.87	8.83	17.6%
5	5-20 kW	\$/Month	151.19	156.16	4.97	3.3%
6	20-50 kW	\$/Month	371.30	371.14	(0.16)	0.0%
7	>50 kW	\$/Month	1,043.58	957.17	(86.41)	-8.3%
8	Primary					
9	0-5 kW	\$/Month	99.46	121.88	22.42	22.5%
10	5-20 kW	\$/Month	173.42	182.64	9.22	5.3%
11	20-50 kW	\$/Month	327.27	309.05	(18.22)	-5.6%
12	>50 kW	\$/Month	1,040.11	941.09	(99.02)	-9.5%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.32334	0.31017	(0.01317)	-4.1%
28	Primary	\$/kWh	0.32202	0.30894	(0.01308)	-4.1%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.15542	0.15092	(0.00450)	-2.9%
31	Primary	\$/kWh	0.15489	0.15046	(0.00443)	-2.9%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.10645	0.10658	0.00013	0.1%
34	Primary	\$/kWh	0.10616	0.10633	0.00017	0.2%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.12994	0.12366	(0.00628)	-4.8%
37	Primary	\$/kWh	0.12955	0.12334	(0.00621)	-4.8%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.11960	0.11549	(0.00411)	-3.4%
40	Primary	\$/kWh	0.11928	0.11524	(0.00404)	-3.4%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.10938	0.10696	(0.00242)	-2.2%
43	Primary	\$/kWh	0.10919	0.10681	(0.00238)	-2.2%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	9.33	9.33	0.0%
5	5-20 kW	\$/Month	0.00	16.00	16.00	0.0%
6	20-50 kW	\$/Month	0.00	26.67	26.67	0.0%
7	>50 kW	\$/Month	0.00	66.67	66.67	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	9.33	9.33	0.0%
10	5-20 kW	\$/Month	0.00	16.00	16.00	0.0%
11	20-50 kW	\$/Month	0.00	26.67	26.67	0.0%
12	>50 kW	\$/Month	0.00	66.67	66.67	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.28376	0.28376	0.0%
28	Primary	\$/kWh	0.00000	0.28263	0.28263	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23482	0.23482	0.0%
34	Primary	\$/kWh	0.00000	0.23393	0.23393	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.19315	0.19315	0.0%
37	Primary	\$/kWh	0.00000	0.19247	0.19247	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.18196	0.18196	0.0%
43	Primary	\$/kWh	0.00000	0.18132	0.18132	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	9.33	9.33	0.00	0.0%
4	Over 5 kW	\$/Month	16.00	16.00	0.00	0.0%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.18069	0.15191	(0.02878)	-15.9%
12	Winter	\$/kWh	0.18069	0.15191	(0.02878)	-15.9%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	62.83	101.56	38.73	61.6%
4	5-20 kW	\$/Month	62.83	101.56	38.73	61.6%
5	20-50 kW	\$/Month	62.83	101.56	38.73	61.6%
6	>50 kW	\$/Month	62.83	101.56	38.73	61.6%
7	Non-Coincident Demand	\$/kW	2.25	1.48	(0.77)	-34.2%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.37220	0.33793	(0.03427)	-9.2%
15	Semi-Peak	\$/kWh	0.20622	0.17991	(0.02631)	-12.8%
16	Off-Peak	\$/kWh	0.15702	0.13541	(0.02161)	-13.8%
17	Winter					
18	On-Peak	\$/kWh	0.18062	0.15250	(0.02812)	-15.6%
19	Semi-Peak	\$/kWh	0.17023	0.14430	(0.02593)	-15.2%
20	Off-Peak	\$/kWh	0.15996	0.13574	(0.02422)	-15.1%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	35.69	101.56	65.87	184.6%
4	5-20 kW	\$/Month	65.42	101.56	36.14	55.2%
5	20-50 kW	\$/Month	138.01	101.56	(36.45)	-26.4%
6	>50 kW	\$/Month	192.27	101.56	(90.71)	-47.2%
7	Non-Coincident Demand	\$/kW	2.25	1.48	(0.77)	-34.2%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.36523	0.15548	(0.20975)	-57.4%
15	Semi-Peak	\$/kWh	0.19925	0.15548	(0.04377)	-22.0%
16	Off-Peak	\$/kWh	0.15005	0.15548	0.00543	3.6%
17	Winter					
18	On-Peak	\$/kWh	0.17365	0.12080	(0.05285)	-30.4%
19	Semi-Peak	\$/kWh	0.16326	0.12080	(0.04246)	-26.0%
20	Off-Peak	\$/kWh	0.15299	0.12080	(0.03219)	-21.0%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	0.00	8.02	8.02	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.27192	0.24566	(0.02626)	-9.7%
10	Winter	\$/kWh	0.20967	0.18462	(0.02505)	-11.9%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	139.73	139.73	0.00	0.0%
4	Primary	\$/Month	37.68	37.68	0.00	0.0%
5	Maximum Demand Charge					
6	Secondary	\$/KW	25.82	31.46	5.64	21.8%
7	Primary	\$/KW	25.30	30.93	5.63	22.3%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	8.10	0.00	(8.10)	-100.0%
13	Primary	\$/KW	8.06	0.00	(8.06)	-100.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	6.94	0.00	(6.94)	-100.0%
16	Primary	\$/KW	6.91	0.00	(6.91)	-100.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	0.00	8.79	8.79	0.0%
19	Primary	\$/KW	0.00	8.75	8.75	0.0%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.12988	0.12150	(0.00838)	-6.5%
27	Primary	\$/kWh	0.12929	0.12098	(0.00831)	-6.4%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.10998	0.10305	(0.00693)	-6.3%
30	Primary	\$/kWh	0.10950	0.10263	(0.00687)	-6.3%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.09105	0.08655	(0.00450)	-4.9%
33	Primary	\$/kWh	0.09078	0.08632	(0.00446)	-4.9%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.12332	0.11097	(0.01235)	-10.0%
36	Primary	\$/kWh	0.12278	0.11052	(0.01226)	-10.0%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.10910	0.09933	(0.00977)	-9.0%
39	Primary	\$/kWh	0.10867	0.09897	(0.00970)	-8.9%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.09507	0.08718	(0.00789)	-8.3%
42	Primary	\$/kWh	0.09481	0.08696	(0.00785)	-8.3%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	139.73	139.73	0.00	0.0%
5	Primary	\$/Month	37.68	37.68	0.00	0.0%
6	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
7	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
8	Transmission	\$/Month	203.21	203.21	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	558.89	558.89	0.00	0.0%
11	Primary	\$/Month	44.83	44.83	0.00	0.0%
12	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
13	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
14	Transmission	\$/Month	813.05	813.05	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	33,675.97	33,675.97	0.00	0.0%
17	Primary Substation	\$/Month	33,738.52	33,738.52	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.48	23.61	(0.87)	-3.6%
25	Primary	\$/kW	24.00	23.17	(0.83)	-3.5%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.62	18.95	(0.67)	-3.4%
37	Primary	\$/kW	19.46	18.80	(0.66)	-3.4%
38	Secondary Substation	\$/kW	11.48	11.01	(0.47)	-4.1%
39	Primary Substation	\$/kW	11.36	10.90	(0.46)	-4.0%
40	Transmission	\$/kW	10.95	10.50	(0.45)	-4.1%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.62	7.41	(0.21)	-2.8%
43	Primary	\$/kW	7.57	7.36	(0.21)	-2.8%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.13430	0.12356	(0.01074)	-8.0%
81	Primary	\$/kWh	0.13368	0.12303	(0.01065)	-8.0%
82	Secondary Substation	\$/kWh	0.13056	0.11903	(0.01153)	-8.8%
83	Primary Substation	\$/kWh	0.12994	0.11850	(0.01144)	-8.8%
84	Transmission	\$/kWh	0.12447	0.11377	(0.01070)	-8.6%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.11403	0.10494	(0.00909)	-8.0%
87	Primary	\$/kWh	0.11353	0.10451	(0.00902)	-7.9%
88	Secondary Substation	\$/kWh	0.11029	0.10041	(0.00988)	-9.0%
89	Primary Substation	\$/kWh	0.10979	0.09998	(0.00981)	-8.9%
90	Transmission	\$/kWh	0.10522	0.09608	(0.00914)	-8.7%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.09104	0.08655	(0.00449)	-4.9%
93	Primary	\$/kWh	0.09078	0.08632	(0.00446)	-4.9%
94	Secondary Substation	\$/kWh	0.08730	0.08202	(0.00528)	-6.0%
95	Primary Substation	\$/kWh	0.08704	0.08179	(0.00525)	-6.0%
96	Transmission	\$/kWh	0.08362	0.07883	(0.00479)	-5.7%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.12332	0.11098	(0.01234)	-10.0%
99	Primary	\$/kWh	0.12278	0.11053	(0.01225)	-10.0%
100	Secondary Substation	\$/kWh	0.11958	0.10645	(0.01313)	-11.0%
101	Primary Substation	\$/kWh	0.11904	0.10600	(0.01304)	-11.0%
102	Transmission	\$/kWh	0.11411	0.10188	(0.01223)	-10.7%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.10910	0.09933	(0.00977)	-9.0%
105	Primary	\$/kWh	0.10868	0.09897	(0.00971)	-8.9%
106	Secondary Substation	\$/kWh	0.10536	0.09480	(0.01056)	-10.0%
107	Primary Substation	\$/kWh	0.10494	0.09444	(0.01050)	-10.0%
108	Transmission	\$/kWh	0.10070	0.09090	(0.00980)	-9.7%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.09507	0.08718	(0.00789)	-8.3%
111	Primary	\$/kWh	0.09481	0.08696	(0.00785)	-8.3%
112	Secondary Substation	\$/kWh	0.09133	0.08265	(0.00868)	-9.5%
113	Primary Substation	\$/kWh	0.09107	0.08243	(0.00864)	-9.5%
114	Transmission	\$/kWh	0.08747	0.07944	(0.00803)	-9.2%



**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	139.73	139.73	0.00	0.0%
5	Primary	\$/Month	37.68	37.68	0.00	0.0%
6	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
7	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
8	Transmission	\$/Month	203.21	203.21	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	558.89	558.89	0.00	0.0%
11	Primary	\$/Month	44.83	44.83	0.00	0.0%
12	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
13	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
14	Transmission	\$/Month	813.05	813.05	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	33,675.97	33,675.97	0.00	0.0%
17	Primary Substation	\$/Month	33,738.52	33,738.52	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.48	23.61	(0.87)	-3.6%
25	Primary	\$/kW	24.00	23.17	(0.83)	-3.5%
26	Secondary Substation	\$/kW	12.73	12.41	(0.32)	-2.5%
27	Primary Substation	\$/kW	12.32	12.03	(0.29)	-2.4%
28	Transmission	\$/kW	12.21	11.91	(0.30)	-2.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	19.62	18.95	(0.67)	-3.4%
37	Primary	\$/kW	19.46	18.80	(0.66)	-3.4%
38	Secondary Substation	\$/kW	11.48	11.01	(0.47)	-4.1%
39	Primary Substation	\$/kW	11.36	10.90	(0.46)	-4.0%
40	Transmission	\$/kW	10.95	10.50	(0.45)	-4.1%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	7.62	7.41	(0.21)	-2.8%
43	Primary	\$/kW	7.57	7.36	(0.21)	-2.8%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%

REBUTTAL ATTACHMENT L

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12765	0.09352	(0.03413)	-26.7%
81	Primary	\$/kWh	0.12703	0.09351	(0.03352)	-26.4%
82	Secondary Substation	\$/kWh	0.12530	0.09064	(0.03466)	-27.7%
83	Primary Substation	\$/kWh	0.12468	0.09063	(0.03405)	-27.3%
84	Transmission	\$/kWh	0.11921	0.09053	(0.02868)	-24.1%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.10738	0.09334	(0.01404)	-13.1%
87	Primary	\$/kWh	0.10688	0.09333	(0.01355)	-12.7%
88	Secondary Substation	\$/kWh	0.10503	0.09046	(0.01457)	-13.9%
89	Primary Substation	\$/kWh	0.10453	0.09045	(0.01408)	-13.5%
90	Transmission	\$/kWh	0.09996	0.09037	(0.00959)	-9.6%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08439	0.09145	0.00706	8.4%
93	Primary	\$/kWh	0.08413	0.09145	0.00732	8.7%
94	Secondary Substation	\$/kWh	0.08204	0.08857	0.00653	8.0%
95	Primary Substation	\$/kWh	0.08178	0.08857	0.00679	8.3%
96	Transmission	\$/kWh	0.07836	0.08857	0.01021	13.0%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11667	0.05404	(0.06263)	-53.7%
99	Primary	\$/kWh	0.11613	0.05404	(0.06209)	-53.5%
100	Secondary Substation	\$/kWh	0.11432	0.05116	(0.06316)	-55.2%
101	Primary Substation	\$/kWh	0.11378	0.05116	(0.06262)	-55.0%
102	Transmission	\$/kWh	0.10885	0.05116	(0.05769)	-53.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.10245	0.05404	(0.04841)	-47.3%
105	Primary	\$/kWh	0.10203	0.05404	(0.04799)	-47.0%
106	Secondary Substation	\$/kWh	0.10010	0.05116	(0.04894)	-48.9%
107	Primary Substation	\$/kWh	0.09968	0.05116	(0.04852)	-48.7%
108	Transmission	\$/kWh	0.09544	0.05116	(0.04428)	-46.4%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.08842	0.05403	(0.03439)	-38.9%
111	Primary	\$/kWh	0.08816	0.05403	(0.03413)	-38.7%
112	Secondary Substation	\$/kWh	0.08607	0.05115	(0.03492)	-40.6%
113	Primary Substation	\$/kWh	0.08581	0.05115	(0.03466)	-40.4%
114	Transmission	\$/kWh	0.08221	0.05115	(0.03106)	-37.8%

REBUTTAL ATTACHMENT L

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	256.00	310.34	54.34	21.2%
5	Primary	\$/Month	124.65	150.50	25.85	20.7%
6	Secondary Substation	\$/Month	43,700.64	68,388.96	24,688.32	56.5%
7	Primary Substation	\$/Month	43,569.29	68,229.13	24,659.84	56.6%
8	Transmission	\$/Month	885.26	1,005.92	120.66	13.6%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	145.93	174.24	28.31	19.4%
12	Secondary Substation	\$/Month	44,067.19	68,823.26	24,756.07	56.2%
13	Primary Substation	\$/Month	43,590.57	68,252.86	24,662.29	56.6%
14	Transmission	\$/Month	1,734.95	1,962.73	227.78	13.1%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	45,179.59	70,041.35	24,861.76	55.0%
17	Primary Substation	\$/Month	43,671.10	68,341.30	24,670.20	56.5%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	29.35	28.15	(1.20)	-4.1%
25	Primary	\$/kW	28.85	27.68	(1.17)	-4.1%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	18.67	17.45	(1.22)	-6.5%
37	Primary	\$/kW	18.51	17.31	(1.20)	-6.5%
38	Secondary Substation	\$/kW	18.63	17.39	(1.24)	-6.7%
39	Primary Substation	\$/kW	18.47	17.25	(1.22)	-6.6%
40	Transmission	\$/kW	17.76	16.57	(1.19)	-6.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.68	0.66	(0.02)	-2.9%
43	Primary	\$/kW	0.66	0.64	(0.02)	-3.0%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.11726	0.10936	(0.00790)	-6.7%
81	Primary	\$/kWh	0.11670	0.10889	(0.00781)	-6.7%
82	Secondary Substation	\$/kWh	0.11352	0.10483	(0.00869)	-7.7%
83	Primary Substation	\$/kWh	0.11296	0.10436	(0.00860)	-7.6%
84	Transmission	\$/kWh	0.10799	0.10024	(0.00775)	-7.2%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.09888	0.09314	(0.00574)	-5.8%
87	Primary	\$/kWh	0.09843	0.09277	(0.00566)	-5.8%
88	Secondary Substation	\$/kWh	0.09514	0.08861	(0.00653)	-6.9%
89	Primary Substation	\$/kWh	0.09469	0.08824	(0.00645)	-6.8%
90	Transmission	\$/kWh	0.09053	0.08484	(0.00569)	-6.3%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07769	0.07691	(0.00078)	-1.0%
93	Primary	\$/kWh	0.07745	0.07671	(0.00074)	-1.0%
94	Secondary Substation	\$/kWh	0.07395	0.07238	(0.00157)	-2.1%
95	Primary Substation	\$/kWh	0.07371	0.07218	(0.00153)	-2.1%
96	Transmission	\$/kWh	0.07061	0.06961	(0.00100)	-1.4%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.10691	0.09815	(0.00876)	-8.2%
99	Primary	\$/kWh	0.10642	0.09776	(0.00866)	-8.1%
100	Secondary Substation	\$/kWh	0.10317	0.09362	(0.00955)	-9.3%
101	Primary Substation	\$/kWh	0.10268	0.09323	(0.00945)	-9.2%
102	Transmission	\$/kWh	0.09821	0.08965	(0.00856)	-8.7%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09404	0.08803	(0.00601)	-6.4%
105	Primary	\$/kWh	0.09365	0.08771	(0.00594)	-6.3%
106	Secondary Substation	\$/kWh	0.09030	0.08350	(0.00680)	-7.5%
107	Primary Substation	\$/kWh	0.08991	0.08318	(0.00673)	-7.5%
108	Transmission	\$/kWh	0.08607	0.08010	(0.00597)	-6.9%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.08133	0.07746	(0.00387)	-4.8%
111	Primary	\$/kWh	0.08109	0.07727	(0.00382)	-4.7%
112	Secondary Substation	\$/kWh	0.07759	0.07293	(0.00466)	-6.0%
113	Primary Substation	\$/kWh	0.07735	0.07274	(0.00461)	-6.0%
114	Transmission	\$/kWh	0.07410	0.07014	(0.00396)	-5.3%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	139.73	139.73	0.00	0.0%
5	Primary	\$/Month	37.68	37.68	0.00	0.0%
6	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
7	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
8	Transmission	\$/Month	203.21	203.21	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	558.89	558.89	0.00	0.0%
11	Primary	\$/Month	44.83	44.83	0.00	0.0%
12	Secondary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
13	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
14	Transmission	\$/Month	813.05	813.05	0.00	0.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	12.24	11.81	(0.43)	-3.5%
22	Primary	\$/kW	12.00	11.59	(0.41)	-3.4%
23	Secondary Substation	\$/kW	11.86	11.34	(0.52)	-4.4%
24	Primary Substation	\$/kW	11.45	10.96	(0.49)	-4.3%
25	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.14	2.03	(0.11)	-5.1%
34	Primary	\$/kW	2.06	1.96	(0.10)	-4.9%
35	Secondary Substation	\$/kW	2.14	2.03	(0.11)	-5.1%
36	Primary Substation	\$/kW	2.06	1.96	(0.10)	-4.9%
37	Transmission	\$/kW	2.05	1.94	(0.11)	-5.4%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.65	0.61	(0.04)	-6.2%
40	Primary	\$/kW	0.63	0.59	(0.04)	-6.3%
41	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
42	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
43	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation	\$/kW	0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.38848	0.36532	(0.02316)	-6.0%
53	Primary	\$/kWh	0.38672	0.36378	(0.02294)	-5.9%
54	Secondary Substation	\$/kWh	0.32251	0.30660	(0.01591)	-4.9%
55	Primary Substation	\$/kWh	0.32202	0.30617	(0.01585)	-4.9%
56	Transmission	\$/kWh	0.31764	0.30236	(0.01528)	-4.8%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.24180	0.22482	(0.01698)	-7.0%
59	Primary	\$/kWh	0.23997	0.22322	(0.01675)	-7.0%
60	Secondary Substation	\$/kWh	0.17583	0.16610	(0.00973)	-5.5%
61	Primary Substation	\$/kWh	0.17527	0.16561	(0.00966)	-5.5%
62	Transmission	\$/kWh	0.17015	0.16108	(0.00907)	-5.3%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.18595	0.17605	(0.00990)	-5.3%
65	Primary	\$/kWh	0.18448	0.17476	(0.00972)	-5.3%
66	Secondary Substation	\$/kWh	0.11998	0.11733	(0.00265)	-2.2%
67	Primary Substation	\$/kWh	0.11978	0.11715	(0.00263)	-2.2%
68	Transmission	\$/kWh	0.11706	0.11478	(0.00228)	-1.9%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.16507	0.15017	(0.01490)	-9.0%
71	Primary	\$/kWh	0.16337	0.14870	(0.01467)	-9.0%
72	Secondary Substation	\$/kWh	0.09910	0.09145	(0.00765)	-7.7%
73	Primary Substation	\$/kWh	0.09867	0.09109	(0.00758)	-7.7%
74	Transmission	\$/kWh	0.09475	0.08779	(0.00696)	-7.3%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.15378	0.14084	(0.01294)	-8.4%
77	Primary	\$/kWh	0.15217	0.13944	(0.01273)	-8.4%
78	Secondary Substation	\$/kWh	0.08781	0.08212	(0.00569)	-6.5%
79	Primary Substation	\$/kWh	0.08747	0.08183	(0.00564)	-6.4%
80	Transmission	\$/kWh	0.08410	0.07898	(0.00512)	-6.1%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.14263	0.13110	(0.01153)	-8.1%
83	Primary	\$/kWh	0.14115	0.12981	(0.01134)	-8.0%
84	Secondary Substation	\$/kWh	0.07666	0.07238	(0.00428)	-5.6%
85	Primary Substation	\$/kWh	0.07645	0.07220	(0.00425)	-5.6%
86	Transmission	\$/kWh	0.07360	0.06981	(0.00379)	-5.1%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	139.73	139.73	0.00	0.0%
4	Primary	\$/Month	37.68	37.68	0.00	0.0%
5	Transmission	\$/Month	203.21	203.21	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	24.48	23.62	(0.86)	-3.5%
8	Primary	\$/kW	24.01	23.17	(0.84)	-3.5%
9	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	19.62	18.95	(0.67)	-3.4%
16	Primary	\$/kW	19.46	18.80	(0.66)	-3.4%
17	Transmission	\$/kW	10.95	10.50	(0.45)	-4.1%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	7.63	7.42	(0.21)	-2.8%
20	Primary	\$/kW	7.57	7.36	(0.21)	-2.8%
21	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.13430	0.12356	(0.01074)	-8.0%
28	Primary	\$/kWh	0.13368	0.12303	(0.01065)	-8.0%
29	Transmission	\$/kWh	0.12821	0.11830	(0.00991)	-7.7%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.11403	0.10494	(0.00909)	-8.0%
32	Primary	\$/kWh	0.11353	0.10451	(0.00902)	-7.9%
33	Transmission	\$/kWh	0.10896	0.10061	(0.00835)	-7.7%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.09104	0.08655	(0.00449)	-4.9%
36	Primary	\$/kWh	0.09078	0.08632	(0.00446)	-4.9%
37	Transmission	\$/kWh	0.08736	0.08336	(0.00400)	-4.6%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.12332	0.11098	(0.01234)	-10.0%
40	Primary	\$/kWh	0.12278	0.11053	(0.01225)	-10.0%
41	Transmission	\$/kWh	0.11785	0.10641	(0.01144)	-9.7%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.10910	0.09933	(0.00977)	-9.0%
44	Primary	\$/kWh	0.10868	0.09897	(0.00971)	-8.9%
45	Transmission	\$/kWh	0.10444	0.09543	(0.00901)	-8.6%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.09507	0.08718	(0.00789)	-8.3%
48	Primary	\$/kWh	0.09481	0.08696	(0.00785)	-8.3%
49	Transmission	\$/kWh	0.09121	0.08397	(0.00724)	-7.9%

## REBUTTAL ATTACHMENT L

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	139.73	139.73	0.00	0.0%
53	Primary	\$/Month	37.68	37.68	0.00	0.0%
54	Transmission	\$/Month	203.21	203.21	0.00	0.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	24.48	23.62	(0.86)	-3.5%
57	Primary	\$/kW	24.01	23.17	(0.84)	-3.5%
58	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	19.62	18.95	(0.67)	-3.4%
65	Primary	\$/kW	19.46	18.80	(0.66)	-3.4%
66	Transmission	\$/kW	10.95	10.50	(0.45)	-4.1%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	7.63	7.42	(0.21)	-2.8%
69	Primary	\$/kW	7.57	7.36	(0.21)	-2.8%
70	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.12765	0.09352	(0.03413)	-26.7%
77	Primary	\$/kWh	0.12703	0.09351	(0.03352)	-26.4%
78	Transmission	\$/kWh	0.12156	0.09341	(0.02815)	-23.2%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.10738	0.09334	(0.01404)	-13.1%
81	Primary	\$/kWh	0.10688	0.09333	(0.01355)	-12.7%
82	Transmission	\$/kWh	0.10231	0.09325	(0.00906)	-8.9%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.08439	0.09145	0.00706	8.4%
85	Primary	\$/kWh	0.08413	0.09145	0.00732	8.7%
86	Transmission	\$/kWh	0.08071	0.09145	0.01074	13.3%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.11667	0.05404	(0.06263)	-53.7%
89	Primary	\$/kWh	0.11613	0.05404	(0.06209)	-53.5%
90	Transmission	\$/kWh	0.11120	0.05404	(0.05716)	-51.4%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.10245	0.05404	(0.04841)	-47.3%
93	Primary	\$/kWh	0.10203	0.05404	(0.04799)	-47.0%
94	Transmission	\$/kWh	0.09779	0.05404	(0.04375)	-44.7%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.08842	0.05403	(0.03439)	-38.9%
97	Primary	\$/kWh	0.08816	0.05403	(0.03413)	-38.7%
98	Transmission	\$/kWh	0.08456	0.05403	(0.03053)	-36.1%



**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	44.83	44.83	0.00	0.0%
5	Primary Substation	\$/Month	19,956.14	19,956.14	0.00	0.0%
6	Transmission	\$/Month	1,448.35	1,448.35	0.00	0.0%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	33,738.52	33,738.52	0.00	0.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	25.39	24.85	(0.54)	-2.1%
12	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
13	Transmission	\$/KW	12.73	12.52	(0.21)	-1.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/KW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	19.85	19.22	(0.63)	-3.2%
20	Primary Substation	\$/kW	11.74	11.31	(0.43)	-3.7%
21	Transmission	\$/KW	11.33	10.91	(0.42)	-3.7%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	7.63	7.41	(0.22)	-2.9%
24	Primary Substation	\$/kW	0.69	0.64	(0.05)	-7.2%
25	Transmission	\$/KW	0.67	0.64	(0.03)	-4.5%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.12994	0.11850	(0.01144)	-8.8%
32	Primary Substation	\$/kWh	0.12994	0.11850	(0.01144)	-8.8%
33	Transmission	\$/kWh	0.12447	0.11377	(0.01070)	-8.6%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.10979	0.09998	(0.00981)	-8.9%
36	Primary Substation	\$/kWh	0.10979	0.09998	(0.00981)	-8.9%
37	Transmission	\$/kWh	0.10522	0.09608	(0.00914)	-8.7%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.08704	0.08179	(0.00525)	-6.0%
40	Primary Substation	\$/kWh	0.08704	0.08179	(0.00525)	-6.0%
41	Transmission	\$/kWh	0.08362	0.07883	(0.00479)	-5.7%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.11904	0.10600	(0.01304)	-11.0%
44	Primary Substation	\$/kWh	0.11904	0.10600	(0.01304)	-11.0%
45	Transmission	\$/kWh	0.11411	0.10188	(0.01223)	-10.7%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.10494	0.09444	(0.01050)	-10.0%
48	Primary Substation	\$/kWh	0.10494	0.09444	(0.01050)	-10.0%
49	Transmission	\$/kWh	0.10070	0.09090	(0.00980)	-9.7%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.09107	0.08243	(0.00864)	-9.5%
52	Primary Substation	\$/kWh	0.09107	0.08243	(0.00864)	-9.5%
53	Transmission	\$/kWh	0.08747	0.07944	(0.00803)	-9.2%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	14.63	14.05	(0.58)	-4.0%
4	Primary	\$/kW	14.39	13.80	(0.59)	-4.1%
5	Secondary Substation	\$/kW	5.88	5.63	(0.25)	-4.3%
6	Primary Substation	\$/kW	5.68	5.43	(0.25)	-4.4%
7	Transmission	\$/kW	5.62	5.38	(0.24)	-4.3%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	22.94	22.94	0.00	0.0%
4	5-20 kW	\$/Month	22.94	22.94	0.00	0.0%
5	20-50 kW	\$/Month	22.94	22.94	0.00	0.0%
6	> 50 kW	\$/Month	22.94	22.94	0.00	0.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.42468	0.40240	(0.02228)	-5.2%
15	Semi-Peak	\$/kWh	0.23007	0.21575	(0.01432)	-6.2%
16	Off-Peak	\$/kWh	0.17468	0.16720	(0.00748)	-4.3%
17	Winter					
18	On-Peak	\$/kWh	0.20031	0.18676	(0.01355)	-6.8%
19	Semi-Peak	\$/kWh	0.18902	0.17744	(0.01158)	-6.1%
20	Off-Peak	\$/kWh	0.17787	0.16771	(0.01016)	-5.7%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	79.11	79.11	0.00	0.0%
4	Primary	\$/Month	79.11	79.11	0.00	0.0%
5	Transmission	\$/Month	79.11	79.11	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.91	4.85	(0.06)	-1.2%
8	Primary	\$/kW	4.75	4.70	(0.05)	-1.1%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	11.52	10.87	(0.65)	-5.6%
12	Primary	\$/kW	11.46	10.82	(0.64)	-5.6%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	4.55	4.86	0.31	6.8%
17	Primary	\$/kW	4.53	4.84	0.31	6.8%
18	Transmission	\$/kW	4.34	4.63	0.29	6.7%
19	Option D					
20	Secondary	\$/kW	4.55	4.86	0.31	6.8%
21	Primary	\$/kW	4.53	4.84	0.31	6.8%
22	Transmission	\$/kW	4.34	4.63	0.29	6.7%
23	Option E					
24	Secondary	\$/kW	4.55	4.86	0.31	6.8%
25	Primary	\$/kW	4.53	4.84	0.31	6.8%
26	Transmission	\$/kW	4.34	4.63	0.29	6.7%
27	Option F					
28	Secondary	\$/kW	4.55	4.86	0.31	6.8%
29	Primary	\$/kW	4.53	4.84	0.31	6.8%
30	Transmission	\$/kW	4.34	4.63	0.29	6.7%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.11394	0.11263	(0.00131)	-1.1%
54	Primary	\$/kWh	0.11342	0.11214	(0.00128)	-1.1%
55	Transmission	\$/kWh	0.10877	0.10785	(0.00092)	-0.8%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.09665	0.09551	(0.00114)	-1.2%
58	Primary	\$/kWh	0.09623	0.09513	(0.00110)	-1.1%
59	Transmission	\$/kWh	0.09235	0.09158	(0.00077)	-0.8%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07833	0.08028	0.00195	2.5%
62	Primary	\$/kWh	0.07810	0.08007	0.00197	2.5%
63	Transmission	\$/kWh	0.07515	0.07733	0.00218	2.9%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)		
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10617	0.10294	(0.00323)	-3.0%
66	Primary	\$/kWh	0.10570	0.10253	(0.00317)	-3.0%
67	Transmission	\$/kWh	0.10145	0.09871	(0.00274)	-2.7%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.09390	0.09214	(0.00176)	-1.9%
70	Primary	\$/kWh	0.09353	0.09181	(0.00172)	-1.8%
71	Transmission	\$/kWh	0.08988	0.08852	(0.00136)	-1.5%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.08180	0.08087	(0.00093)	-1.1%
74	Primary	\$/kWh	0.08157	0.08067	(0.00090)	-1.1%
75	Transmission	\$/kWh	0.07847	0.07790	(0.00057)	-0.7%
1	<b>SCHEDULE PA</b>					
2	<i>Less than 20 kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	21.87	21.87	0.00	0.0%
5	Primary	\$/Month	21.87	21.87	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.19153	0.19802	0.00649	3.4%
22	Primary	\$/kWh	0.19094	0.19744	0.00650	3.4%
23	Winter					
24	Secondary	\$/kWh	0.15149	0.15208	0.00059	0.4%
25	Primary	\$/kWh	0.15096	0.15156	0.00060	0.4%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	26.24	26.24	0.00	0.0%
29	Primary	\$/Month	26.24	26.24	0.00	0.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	0.00	0.00	0.00	0.0%
32	Primary	\$/kW	0.00	0.00	0.00	0.0%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.19153	0.19802	0.00649	3.4%
46	Primary	\$/kWh	0.19094	0.19744	0.00650	3.4%
47	Winter					
48	Secondary	\$/kWh	0.15149	0.15208	0.00059	0.4%
49	Primary	\$/kWh	0.15096	0.15156	0.00060	0.4%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	21.87	21.87	0.00	0.0%
5	Primary	\$/Month	21.87	21.87	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.24168	0.25079	0.00911	3.8%
23	Primary	\$/kWh	0.24064	0.24972	0.00908	3.8%
24	Semi-Peak					
25	Secondary	\$/kWh	0.19153	0.19802	0.00649	3.4%
26	Primary	\$/kWh	0.19072	0.19720	0.00648	3.4%
27	Off-Peak					
28	Secondary	\$/kWh	0.16886	0.17748	0.00862	5.1%
29	Primary	\$/kWh	0.16816	0.17676	0.00860	5.1%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.15565	0.15584	0.00019	0.1%
33	Primary	\$/kWh	0.15503	0.15524	0.00021	0.1%
34	Semi-Peak					
35	Secondary	\$/kWh	0.14639	0.14767	0.00128	0.9%
36	Primary	\$/kWh	0.14584	0.14714	0.00130	0.9%
37	Off-Peak					
38	Secondary	\$/kWh	0.13725	0.13915	0.00190	1.4%
39	Primary	\$/kWh	0.13681	0.13872	0.00191	1.4%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	26.24	26.24	0.00	0.0%
43	Primary	\$/Month	26.24	26.24	0.00	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	2.00	1.93	(0.07)	-3.5%
53	Primary	\$/kW	1.99	1.92	(0.07)	-3.5%
54	Winter					
55	Secondary	\$/kW	0.00	0.00		
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.22157	0.21888	(0.00269)	-1.2%
61	Primary	\$/kWh	0.22064	0.21797	(0.00267)	-1.2%
62	Semi-Peak					
63	Secondary	\$/kWh	0.19853	0.19650		
64	Primary	\$/kWh	0.19771	0.19569	(0.00202)	-1.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.17457	0.17656	0.00199	1.1%
67	Primary	\$/kWh	0.17385	0.17585		
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.16677	0.16236	(0.00441)	-2.6%
71	Primary	\$/kWh	0.16608	0.16171		
72	Semi-Peak					
73	Secondary	\$/kWh	0.15617	0.15342	(0.00275)	-1.8%
74	Primary	\$/kWh	0.15553	0.15282	(0.00271)	-1.7%
75	Off-Peak					
76	Secondary	\$/kWh	0.14570	0.14409		
77	Primary	\$/kWh	0.14511	0.14354		

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	21.87	21.87	0.0%
5	Primary	\$/Month	0.00	21.87	21.87	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00000	0.25079	0.25079	0.0%
23	Primary	\$/kWh	0.00000	0.24972	0.24972	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00000	0.18970	0.18970	0.0%
29	Primary	\$/kWh	0.00000	0.18892	0.18892	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00000	0.15584	0.15584	0.0%
33	Primary	\$/kWh	0.00000	0.15524	0.15524	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00000	0.14419	0.14419	0.0%
39	Primary	\$/kWh	0.00000	0.14364	0.14364	0.0%

**REBUTTAL ATTACHMENT L**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 1 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
2	<i>Less than 20kW</i>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.72	7.72	0.0%
46	Primary	\$/kW	0.00	7.68	7.68	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13315	0.13315	0.0%
61	Primary	\$/kWh	0.00000	0.13267	0.13267	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11604	0.11604	0.0%
64	Primary	\$/kWh	0.00000	0.11564	0.11564	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10082	0.10082	0.0%
67	Primary	\$/kWh	0.00000	0.10049	0.10049	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10771	0.10771	0.0%
71	Primary	\$/kWh	0.00000	0.10734	0.10734	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09877	0.09877	0.0%
74	Primary	\$/kWh	0.00000	0.09845	0.09845	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08944	0.08944	0.0%
77	Primary	\$/kWh	0.00000	0.08917	0.08917	0.0%



# REBUTTAL ATTACHMENT L

## COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1

**SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
 Hours per year  
 4,165  
 Hours per month  
 347

### 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 1			Change			% Change				
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate		
1			LS-1, Mercury Vapor, Class A, Reactor Ballast															
2	0.192	67	175	7000	12.11	6.15089	18.26	12.32	5.69496	18.01	0.21	(0.45593)	(0.25)	1.7%	-7.4%	-1.4%		
3			LS-1, Mercury Vapor, Class A, Regulator Ballast															
4	0.210	73	175	7000	12.37	6.70171	19.07	12.58	6.20496	18.78	0.21	(0.49675)	(0.29)	1.7%	-7.4%	-1.5%		
5	0.460	160	400	20000	19.07	14.6887	33.76	19.66	13.5999	33.26	0.59	(1.08878)	(0.50)	3.1%	-7.4%	-1.5%		
6			LS-1, HPSV, Class A, Reactor Ballast															
7	0.083	29	70	5800	10.51	2.66232	13.17	10.54	2.46498	13.00	0.03	(0.19734)	(0.17)	0.3%	-7.4%	-1.3%		
8	0.117	41	100	9500	11.2	3.76398	14.96	11.26	3.48498	14.74	0.06	(0.27900)	(0.22)	0.5%	-7.4%	-1.5%		
9	0.171	59	150	16000	11.92	5.41645	17.34	12.1	5.01497	17.11	0.18	(0.40148)	(0.23)	1.5%	-7.4%	-1.3%		
10			LS-1, HPSV, Class A, Regulator Ballast															
11	0.246	85	200	22000	13.79	7.80336	21.59	14.08	7.22495	21.30	0.29	(0.57841)	(0.29)	2.1%	-7.4%	-1.3%		
12	0.313	109	250	30000	15.39	10.0067	25.4	15.77	9.26494	25.03	0.38	(0.74173)	(0.37)	2.5%	-7.4%	-1.5%		
13	0.476	165	400	50000	17.43	15.1477	32.58	18.05	14.0249	32.07	0.62	(1.12280)	(0.51)	3.6%	-7.4%	-1.6%		
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast															
15	0.083	29	70	5800	10.65	2.66232	13.31	10.68	2.46498	13.14	0.03	(0.19734)	(0.17)	0.3%	-7.4%	-1.3%		
16	0.117	41	100	9500	11.39	3.76398	15.15	11.46	3.48498	14.94	0.07	(0.27900)	(0.21)	0.6%	-7.4%	-1.4%		
17	0.171	59	150	16000	11.98	5.41645	17.4	12.17	5.01497	17.18	0.19	(0.40148)	(0.22)	1.6%	-7.4%	-1.3%		
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast															
19	0.246	85	200	22000	13.83	7.80336	21.63	14.12	7.22495	21.34	0.29	(0.57841)	(0.29)	2.1%	-7.4%	-1.3%		
20	0.313	109	250	30000	15.44	10.0067	25.45	15.82	9.26494	25.08	0.38	(0.74173)	(0.37)	2.5%	-7.4%	-1.5%		
21	0.476	165	400	50000	17.36	15.1477	32.51	17.98	14.0249	32.00	0.62	(1.12280)	(0.51)	3.6%	-7.4%	-1.6%		
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast															
23	0.083	29	70	5800	9.5	2.66232	12.16	9.53	2.46498	11.99	0.03	(0.19734)	(0.17)	0.3%	-7.4%	-1.4%		
24	0.117	41	100	9500	10.21	3.76398	13.97	10.28	3.48498	13.76	0.07	(0.27900)	(0.21)	0.7%	-7.4%	-1.5%		
25	0.171	59	150	16000	10.91	5.41645	16.33	11.09	5.01497	16.10	0.18	(0.40148)	(0.23)	1.6%	-7.4%	-1.4%		
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast															
27	0.246	85	200	22000	12.78	7.80336	20.58	13.07	7.22495	20.29	0.29	(0.57841)	(0.29)	2.3%	-7.4%	-1.4%		
28	0.313	109	250	30000	14.47	10.0067	24.48	14.85	9.26494	24.11	0.38	(0.74173)	(0.37)	2.6%	-7.4%	-1.5%		
29	0.476	165	400	50000	16.42	15.1477	31.57	17.04	14.0249	31.06	0.62	(1.12280)	(0.51)	3.8%	-7.4%	-1.6%		
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast															
31	0.083	29	70	5800	15.34	2.66232	18	15.37	2.46498	17.83	0.03	(0.19734)	(0.17)	0.2%	-7.4%	-0.9%		
32	0.117	41	100	9500	15.91	3.76398	19.67	15.98	3.48498	19.46	0.07	(0.27900)	(0.21)	0.4%	-7.4%	-1.1%		
33	0.171	59	150	16000	16.52	5.41645	21.94	16.7	5.01497	21.71	0.18	(0.40148)	(0.23)	1.1%	-7.4%	-1.0%		
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast															
35	0.246	85	200	22000	19.38	7.80336	27.18	19.66	7.22495	26.88	0.28	(0.57841)	(0.30)	1.4%	-7.4%	-1.1%		
36	0.313	109	250	30000	20.38	10.0067	30.39	20.76	9.26494	30.02	0.38	(0.74173)	(0.37)	1.9%	-7.4%	-1.2%		
37	0.476	165	400	50000	24.41	15.1477	39.56	25.03	14.0249	39.05	0.62	(1.12280)	(0.51)	2.5%	-7.4%	-1.3%		
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast															
39	0.083	29	70	5800	10.37	2.66232	13.03	10.4	2.46498	12.86	0.03	(0.19734)	(0.17)	0.3%	-7.4%	-1.3%		
40	0.117	41	100	9500	10.88	3.76398	14.64	10.95	3.48498	14.43	0.07	(0.27900)	(0.21)	0.6%	-7.4%	-1.4%		
41	0.171	59	150	16000	11.89	5.41645	17.31	12.07	5.01497	17.08	0.18	(0.40148)	(0.23)	1.5%	-7.4%	-1.3%		
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast															
43	0.246	85	200	22000	13.15	7.80336	20.95	13.44	7.22495	20.66	0.29	(0.57841)	(0.29)	2.2%	-7.4%	-1.4%		
44	0.313	109	250	30000	15.42	10.0067	25.43	15.8	9.26494	25.06	0.38	(0.74173)	(0.37)	2.5%	-7.4%	-1.4%		
45	0.476	165	400	50000	16.86	15.1477	32.01	17.48	14.0249	31.50	0.62	(1.12280)	(0.51)	3.7%	-7.4%	-1.6%		
46			LS-1, LPSV, Class A															
47	0.088	31	55	8000	14.59	2.84593	17.44	14.62	2.63498	17.25	0.03	(0.21095)	(0.19)	0.2%	-7.4%	-1.1%		
48	0.145	50	90	13500	16.37	4.59021	20.96	16.51	4.24997	20.76	0.14	(0.34024)	(0.20)	0.9%	-7.4%	-1.0%		
49	0.206	71	135	22500	17.71	6.5181	24.23	17.94	6.03496	23.97	0.23	(0.48314)	(0.26)	1.3%	-7.4%	-1.1%		
50	0.235	82	180	33000	20.08	7.52795	27.61	20.34	6.96995	27.31	0.26	(0.55800)	(0.30)	1.3%	-7.4%	-1.1%		
51			LS-1, LPSV, Class B, 1-Lamp															
52	0.088	31	55	8000	14.76	2.84593	17.61	14.79	2.63498	17.42	0.03	(0.21095)	(0.19)	0.2%	-7.4%	-1.1%		
53	0.145	50	90	13500	16.54	4.59021	21.13	16.68	4.24997	20.93	0.14	(0.34024)	(0.20)	0.8%	-7.4%	-0.9%		
54	0.206	71	135	22500	17.84	6.5181	24.36	18.07	6.03496	24.10	0.23	(0.48314)	(0.26)	1.3%	-7.4%	-1.1%		
55	0.235	82	180	33000	20.2	7.52795	27.73	20.47	6.96995	27.44	0.27	(0.55800)	(0.29)	1.3%	-7.4%	-1.0%		
56			LS-1, LPSV, Class B, 2-Lamp															
57	0.088	31	55	8000	14.12	2.84593	16.97	14.15	2.63498	16.78	0.03	(0.21095)	(0.19)	0.2%	-7.4%	-1.1%		
58	0.145	50	90	13500	15.9	4.59021	20.49	16.04	4.24997	20.29	0.14	(0.34024)	(0.20)	0.9%	-7.4%	-1.0%		
59	0.206	71	135	22500	17.43	6.5181	23.95	17.67	6.03496	23.70	0.24	(0.48314)	(0.25)	1.4%	-7.4%	-1.0%		
60	0.235	82	180	33000	19.79	7.52795	27.32	20.06	6.96995	27.03	0.27	(0.55800)	(0.29)	1.4%	-7.4%	-1.1%		
61			LS-1, LPSV, Class C, 1-Lamp															
62	0.088	31	55	8000	17.84	2.84593	20.69	17.87	2.63498	20.50	0.03	(0.21095)	(0.19)	0.2%	-7.4%	-0.9%		
63	0.145	50	90	13500	18.96	4.59021	23.55	19.1	4.24997	23.35	0.14	(0.34024)	(0.20)	0.7%	-7.4%	-0.8%		
64	0.206	71	135	22500	21.54	6.5181	28.06	21.77	6.03496	27.80	0.23	(0.48314)	(0.26)	1.1%	-7.4%	-0.9%		
65	0.235	82	180	33000	22.47	7.52795	30	22.74	6.96995	29.71	0.27	(0.55800)	(0.29)	1.2%	-7.4%	-1.0%		
66			LS-1, LPSV, Class C, 2-Lamp															
67	0.088	31	55	8000	14.22	2.84593	17.07	14.25	2.63498	16.88	0.03	(0.21095)	(0.19)	0.2%	-7			

REBUTTAL ATTACHMENT L

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 Hours per year 4,165  
 Hours per month 347  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 1			Change		% Change					
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate		
101	0.780	271	70	35000														
102			73	175	5.94	6.70171	12.64	6.16	6.20496	12.36	0.22	(0.49675)	(0.28)	3.7%	-7.4%	-2.2%		
103	0.210		101	250	7.09	9.27223	16.36	7.45	8.58494	16.03	0.36	(0.68729)	(0.33)	5.1%	-7.4%	-2.0%		
104	0.292		160	400	9.53	14.6887	24.22	10.12	13.5999	23.72	0.59	(1.08878)	(0.50)	6.2%	-7.4%	-2.1%		
105	0.460																	
106			72	175	6.25	6.60991	12.86	6.07	6.11996	12.19	(0.18)	(0.48995)	(0.67)	-2.9%	-7.4%	-5.2%		
107	0.207																	
108			20	50	2.28	1.83609	4.12	2.27	1.69999	3.97	(0.01)	(0.13610)	(0.15)	-0.4%	-7.4%	-3.6%		
109	0.058		35	70	2.9	3.21315	6.11	2.95	2.97498	5.92	0.05	(0.23817)	(0.19)	1.7%	-7.4%	-3.1%		
110	0.101		49	100	3.47	4.49841	7.97	3.58	4.16497	7.74	0.11	(0.33344)	(0.23)	3.2%	-7.4%	-2.9%		
111	0.141		67	150	4.21	6.15089	10.36	4.42	5.69496	10.11	0.21	(0.45593)	(0.25)	5.0%	-7.4%	-2.4%		
112	0.193		85	200	4.95	7.80336	12.75	5.24	7.22495	12.46	0.29	(0.57841)	(0.29)	5.9%	-7.4%	-2.3%		
113	0.246		109	250	5.92	10.0067	15.93	6.3	9.26494	15.56	0.38	(0.74173)	(0.37)	6.4%	-7.4%	-2.3%		
114	0.313		133	310	6.92	12.21	19.13	7.39	11.3049	18.69	0.47	(0.90504)	(0.44)	6.8%	-7.4%	-2.3%		
115	0.383		165	400	8.24	15.1477	23.39	8.87	14.0249	22.89	0.63	(1.12280)	(0.50)	7.6%	-7.4%	-2.1%		
116	0.476		382	1000	17.17	35.0692	52.24	18.71	32.4698	51.18	1.54	(2.59945)	(1.06)	9.0%	-7.4%	-2.0%		
117	1.102																	
118			17	50	2.15	1.56067	3.71	2.14	1.44499	3.58	(0.01)	(0.11568)	(0.13)	-0.5%	-7.4%	-3.5%		
119	0.050		29	70	2.65	2.66232	5.31	2.67	2.46498	5.13	0.02	(0.19734)	(0.18)	0.8%	-7.4%	-3.4%		
120	0.083		41	100	3.14	3.76398	6.9	3.21	3.48498	6.69	0.07	(0.27900)	(0.21)	2.2%	-7.4%	-3.0%		
121	0.117		59	150	3.88	5.41645	9.3	4.06	5.01497	9.07	0.18	(0.40148)	(0.23)	4.6%	-7.4%	-2.5%		
122	0.171																	
123			22	50	2.71	2.01969	4.73	3.16	1.86999	5.03	0.45	(0.14970)	0.30	16.6%	-7.4%	6.3%		
124	0.064		37	70	3.34	3.39676	6.74	3.83	3.14498	6.97	0.49	(0.25178)	0.23	14.7%	-7.4%	3.4%		
125	0.108		42	100	3.53	3.85578	7.39	4.06	3.56998	7.63	0.53	(0.28580)	0.24	15.0%	-7.4%	3.2%		
126	0.121		60	150	4.27	5.50826	9.78	4.9	5.09997	10.00	0.63	(0.40829)	0.22	14.8%	-7.4%	2.2%		
127	0.174		81	200	5.12	7.43615	12.56	5.84	6.88495	12.72	0.72	(0.55120)	0.16	14.1%	-7.4%	1.3%		
128	0.233		109	250	6.26	10.0067	16.27	7.10	9.26494	16.36	0.84	(0.74173)	0.09	13.4%	-7.4%	0.6%		
129	0.313																	
130			20	50	3.77	1.83609	5.61	3.76	1.69999	5.46	(0.01)	(0.13610)	(0.15)	-0.3%	-7.4%	-2.7%		
131	0.058		35	70	4.38	3.21315	7.59	4.44	2.97498	7.41	0.06	(0.23817)	(0.18)	1.4%	-7.4%	-2.4%		
132	0.101		49	100	4.95	4.49841	9.45	5.07	4.16497	9.23	0.12	(0.33344)	(0.22)	2.4%	-7.4%	-2.3%		
133	0.141		67	150	5.69	6.15089	11.84	5.91	5.69496	11.60	0.22	(0.45593)	(0.24)	3.9%	-7.4%	-2.0%		
134	0.193		85	200	6.44	7.80336	14.24	6.73	7.22495	13.95	0.29	(0.57841)	(0.29)	4.5%	-7.4%	-2.0%		
135	0.246		109	250	7.41	10.0067	17.42	7.79	9.26494	17.05	0.38	(0.74173)	(0.37)	5.1%	-7.4%	-2.1%		
136	0.313		133	310	8.4	12.21	20.61	8.88	11.3049	20.18	0.48	(0.90504)	(0.43)	5.7%	-7.4%	-2.1%		
137	0.383		165	400	9.73	15.1477	24.88	10.36	14.0249	24.38	0.63	(1.12280)	(0.50)	6.5%	-7.4%	-2.0%		
138	0.476		382	1000	18.66	35.0692	53.73	20.2	32.4698	52.67	1.54	(2.59945)	(1.06)	8.3%	-7.4%	-2.0%		
139	1.102																	
140			17	50	3.64	1.56067	5.2	3.63	1.44499	5.07	(0.01)	(0.11568)	(0.13)	-0.3%	-7.4%	-2.5%		
141	0.050		29	70	4.14	2.66232	6.8	4.16	2.46498	6.62	0.02	(0.19734)	(0.18)	0.5%	-7.4%	-2.6%		
142	0.083		41	100	4.63	3.76398	8.39	4.69	3.48498	8.17	0.06	(0.27900)	(0.22)	1.3%	-7.4%	-2.6%		
143	0.117		59	150	5.37	5.41645	10.79	5.55	5.01497	10.56	0.18	(0.40148)	(0.23)	3.4%	-7.4%	-2.1%		
144	0.171																	
145			22	50	4.2	2.01969	6.22	4.65	1.86999	6.52	0.45	(0.14970)	0.30	10.7%	-7.4%	4.8%		
146	0.064		37	70	4.82	3.39676	8.22	5.32	3.14498	8.46	0.50	(0.25178)	0.24	10.4%	-7.4%	2.9%		
147	0.108		42	100	5.02	3.85578	8.88	5.55	3.56998	9.12	0.53	(0.28580)	0.24	10.6%	-7.4%	2.7%		
148	0.121		60	150	5.75	5.50826	11.26	6.39	5.09997	11.49	0.64	(0.40829)	0.23	11.1%	-7.4%	2.0%		
149	0.174		81	200	6.61	7.43615	14.05	7.32	6.88495	14.20	0.71	(0.55120)	0.15	10.7%	-7.4%	1.1%		
150	0.233		109	250	7.75	10.0067	17.76	8.59	9.26494	17.85	0.84	(0.74173)	0.09	10.8%	-7.4%	0.5%		
151	0.313																	
152			23	55	2.4	2.1115	4.51	2.42	1.95499	4.37	0.02	(0.15651)	(0.14)	0.8%	-7.4%	-3.1%		
153	0.067		31	85	2.72	2.84593	5.57	2.75	2.63498	5.38	0.03	(0.21095)	(0.19)	1.1%	-7.4%	-3.4%		
154	0.088		50	90	3.51	4.59021	8.1	3.65	4.24997	7.90	0.14	(0.34024)	(0.20)	4.0%	-7.4%	-2.5%		
155	0.145		71	135	4.38	6.5181	10.9	4.61	6.03496	10.64	0.23	(0.48314)	(0.26)	5.3%	-7.4%	-2.4%		
156	0.206		82	180	4.81	7.52795	12.34	5.08	6.96995	12.05	0.27	(0.55800)	(0.29)	5.6%	-7.4%	-2.4%		
157	0.235																	
158			17	35	2.5	1.56067	4.06	2.93	1.44499	4.37	0.43	(0.11568)	0.31	17.2%	-7.4%	7.6%		
159	0.050		25	55	2.83	2.29511	5.13	3.29	2.12499	5.41	0.46	(0.17012)	0.28	16.3%	-7.4%	5.5%		
160	0.072		45	90	3.66	4.13119	7.79	4.21	3.82497	8.03	0.55	(0.30622)	0.24	15.0%	-7.4%	3.1%		
161	0.130		64	135	4.44	5.87547	10.32	5.08	5.43996	10.52	0.64	(0.43551)	0.20	14.4%	-7.4%	1.9%		
162	0.185		76	180	4.92	6.97713	11.9	5.61	6.45996	12.07	0.69	(0.51717)	0.17	14.0%	-7.4%	1.4%		
163	0.219																	
164			25	1,000	2.49	2.29511	4.79	2.50	2.12499	4.62	0.01	(0.17012)	(0.17)	0.4%	-7.4%	-3.5%		
165	0.073		56	2,500	3.76	5.14104	8.9	3.92	4.75997	8.68	0.16	(0.38107)	(0.22)	4.3%	-7.4%	-2.5%		
166	0.162		102	4,000	5.65	9.36404	15.01	6.01	8.66994	14.68	0.36	(0.69410)	(0.33)	6.4%	-7.4%	-2.2%		
167	0.295		141	6,000	7.24	12.9444	20.18	7.75	11.9849	19.73	0.51	(0.95949)	(0.45)	7.0%	-7.4%	-2.2%		
168	0.405		211	10,000	10.13	19.3707	29.5	10.94	17.9349	28.87	0.81	(1.43583)	(0.63)	8.0%	-7.4%	-2.1%		



## REBUTTAL ATTACHMENT L

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 1

**SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT**  
 Hours per year  
 4,165  
 Hours per month  
 347

### 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 1			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
283			LS-3 (CLOSED)														
284			Energy Charge (\$/kWh)		0.06999	0.0918	0.16179	0.08084	0.085	0.16584	0.01085	(0.00680)	0.00405	15.5%	-7.4%	2.5%	
285			Minimum Charge (\$/month)		9.1		9.1	9.10		9.10	0.00		0.00	0.0%		0.0%	
286																	
287			OL-1, HPSV, Rate A, Street Light Luminaire — Reactor														
288	0.117	41	100	9500	13.19	3.76398	16.95	13.25	3.48498	16.73	0.06	(0.27900)	(0.22)	0.5%	-7.4%	-1.3%	
289	0.171	59	150	16000	13.91	5.41645	19.33	14.09	5.01497	19.10	0.18	(0.40148)	(0.23)	1.3%	-7.4%	-1.2%	
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regulator														
291	0.313	109	250	30000	17.81	10.0067	27.82	18.19	9.26494	27.45	0.38	(0.74173)	(0.37)	2.1%	-7.4%	-1.3%	
292	0.476	165	400	50000	19.76	15.1477	34.91	20.39	14.0249	34.41	0.63	(1.12280)	(0.50)	3.2%	-7.4%	-1.4%	
293	1.102	382	1000	140000	29.02	35.0692	64.09	30.56	32.4698	63.03	1.54	(2.59945)	(1.06)	5.3%	-7.4%	-1.7%	
294			OL-1, HPSV, Rate B, Directional Luminaire														
295	0.313	109	250	30000	18.97	10.0067	28.98	19.35	9.26494	28.61	0.38	(0.74173)	(0.37)	2.0%	-7.4%	-1.3%	
296	0.476	165	400	50000	21.55	15.1477	36.7	22.18	14.0249	36.20	0.63	(1.12280)	(0.50)	2.9%	-7.4%	-1.4%	
297	1.102	382	1000	140000	33.31	35.0692	68.38	34.85	32.4698	67.32	1.54	(2.59945)	(1.06)	4.6%	-7.4%	-1.6%	
298			OL-1, LPSV, Rate A, Street Light Luminaire														
299	0.088	31	55	8000	17.74	2.84593	20.59	17.77	2.63498	20.40	0.03	(0.21095)	(0.19)	0.2%	-7.4%	-0.9%	
300	0.145	50	90	13000	19.82	4.59021	24.41	19.96	4.24997	24.21	0.14	(0.34024)	(0.20)	0.7%	-7.4%	-0.8%	
301	0.206	71	135	22500	21.3	6.5181	27.82	21.53	6.03496	27.56	0.23	(0.48314)	(0.26)	1.1%	-7.4%	-0.9%	
302	0.235	82	180	33000	24.25	7.52795	31.78	24.52	6.96995	31.49	0.27	(0.55800)	(0.29)	1.1%	-7.4%	-0.9%	
303			OL-1 Pole in Non-Standard Position														
304			30-foot		13.91		13.91	13.91		13.91	0.00		0.00	0.0%		0.0%	
305			35-foot		14.54		14.54	14.54		14.54	0.00		0.00	0.0%		0.0%	
306			OL-2														
307			Energy Charge (\$/kwh)		0.1166	0.09197	0.20857	0.13655	0.08492	0.22147	0.01995	(0.00705)	0.01290	17.1%	-7.7%	6.2%	
308			Basic Service Fee (\$/month)		13.76		13.76	13.76		13.76	0.00		0.00	0.0%		0.0%	
309																	
310			DWL, Facilities Charges														
311			\$ of Utility Investment		0.0115			0.0115			0.0000			0.0%			
312			DWL, Energy and Lamp Maintenance Charge														
313	0.059	20	50	Watt HPSV	3.78	1.83609	5.62	3.77	1.69999	5.47	(0.01)	(0.13610)	(0.15)	-0.3%	-7.4%	-2.7%	
314			DWL, Minimum Charge		59.58		59.58	59.58		59.58	0.00		0.00	0.0%		0.0%	

**ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES  
FOR YEAR 2**

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.36504	0.47654	0.11150	30.5%
12	Above 400% of Baseline	\$/kWh	0.42531	0.47654	0.05123	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.29738	0.40512	0.10774	36.2%
17	Above 400% of Baseline	\$/kWh	0.34649	0.40512	0.05863	16.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.23030	0.30065	0.07035	30.5%
12	Above 400% of Baseline	\$/kWh	0.26833	0.30065	0.03232	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.18762	0.25559	0.06797	36.2%
17	Above 400% of Baseline	\$/kWh	0.21860	0.25559	0.03699	16.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
10	101% to 130% of Baseline	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
11	131% to 400% of Baseline	\$/kWh	0.35759	0.46870	0.11111	31.1%
12	Above 400% of Baseline	\$/kWh	0.41786	0.46870	0.05084	12.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
15	101% to 130% of Baseline	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
16	131% to 400% of Baseline	\$/kWh	0.28993	0.39728	0.10735	37.0%
17	Above 400% of Baseline	\$/kWh	0.33904	0.39728	0.05824	17.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
10	101% to 130% of Baseline	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
11	131% to 400% of Baseline	\$/kWh	0.36285	0.47409	0.11124	30.7%
12	Above 400% of Baseline	\$/kWh	0.42312	0.47409	0.05097	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.29519	0.40267	0.10748	36.4%
17	Above 400% of Baseline	\$/kWh	0.34430	0.40267	0.05837	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.36504	0.47654	0.11150	30.5%
12	Above 400% of Baseline	\$/kWh	0.42531	0.47654	0.05123	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.29738	0.40512	0.10774	36.2%
17	Above 400% of Baseline	\$/kWh	0.34649	0.40512	0.05863	16.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.23030	0.30065	0.07035	30.5%
12	Above 400% of Baseline	\$/kWh	0.26833	0.30065	0.03232	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.18762	0.25559	0.06797	36.2%
17	Above 400% of Baseline	\$/kWh	0.21860	0.25559	0.03699	16.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
10	101% to 130% of Baseline	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
11	131% to 400% of Baseline	\$/kWh	0.35759	0.46870	0.11111	31.1%
12	Above 400% of Baseline	\$/kWh	0.41786	0.46870	0.05084	12.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
15	101% to 130% of Baseline	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
16	131% to 400% of Baseline	\$/kWh	0.28993	0.39728	0.10735	37.0%
17	Above 400% of Baseline	\$/kWh	0.33904	0.39728	0.05824	17.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.36504	0.47654	0.11150	30.5%
12	Above 400% of Baseline	\$/kWh	0.42531	0.47654	0.05123	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.29738	0.40512	0.10774	36.2%
17	Above 400% of Baseline	\$/kWh	0.34649	0.40512	0.05863	16.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.23030	0.30065	0.07035	30.5%
12	Above 400% of Baseline	\$/kWh	0.26833	0.30065	0.03232	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.18762	0.25559	0.06797	36.2%
17	Above 400% of Baseline	\$/kWh	0.21860	0.25559	0.03699	16.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
10	101% to 130% of Baseline	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
11	131% to 400% of Baseline	\$/kWh	0.35759	0.46870	0.11111	31.1%
12	Above 400% of Baseline	\$/kWh	0.41786	0.46870	0.05084	12.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
15	101% to 130% of Baseline	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
16	131% to 400% of Baseline	\$/kWh	0.28993	0.39728	0.10735	37.0%
17	Above 400% of Baseline	\$/kWh	0.33904	0.39728	0.05824	17.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
10	101% to 130% of Baseline	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
11	131% to 400% of Baseline	\$/kWh	0.36285	0.47409	0.11124	30.7%
12	Above 400% of Baseline	\$/kWh	0.42312	0.47409	0.05097	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.29519	0.40267	0.10748	36.4%
17	Above 400% of Baseline	\$/kWh	0.34430	0.40267	0.05837	17.0%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.36504	0.47654	0.11150	30.5%
12	Above 400% of Baseline	\$/kWh	0.42531	0.47654	0.05123	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.29738	0.40512	0.10774	36.2%
17	Above 400% of Baseline	\$/kWh	0.34649	0.40512	0.05863	16.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.23030	0.30065	0.07035	30.5%
12	Above 400% of Baseline	\$/kWh	0.26833	0.30065	0.03232	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.18762	0.25559	0.06797	36.2%
17	Above 400% of Baseline	\$/kWh	0.21860	0.25559	0.03699	16.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
10	101% to 130% of Baseline	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
11	131% to 400% of Baseline	\$/kWh	0.35759	0.46870	0.11111	31.1%
12	Above 400% of Baseline	\$/kWh	0.41786	0.46870	0.05084	12.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
15	101% to 130% of Baseline	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
16	131% to 400% of Baseline	\$/kWh	0.28993	0.39728	0.10735	37.0%
17	Above 400% of Baseline	\$/kWh	0.33904	0.39728	0.05824	17.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
10	101% to 130% of Baseline	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
11	131% to 400% of Baseline	\$/kWh	0.36285	0.47409	0.11124	30.7%
12	Above 400% of Baseline	\$/kWh	0.42312	0.47409	0.05097	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.29519	0.40267	0.10748	36.4%
17	Above 400% of Baseline	\$/kWh	0.34430	0.40267	0.05837	17.0%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.25862	0.23108	(0.02754)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.36504	0.47654	0.11150	30.5%
12	Above 400% of Baseline	\$/kWh	0.42531	0.47654	0.05123	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.21069	0.19645	(0.01424)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.29738	0.40512	0.10774	36.2%
17	Above 400% of Baseline	\$/kWh	0.34649	0.40512	0.05863	16.9%
18	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
10	101% to 130% of Baseline	\$/kWh	0.22118	0.19763	(0.02355)	-10.6%
11	131% to 400% of Baseline	\$/kWh	0.23030	0.30065	0.07035	30.5%
12	Above 400% of Baseline	\$/kWh	0.26833	0.30065	0.03232	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
15	101% to 130% of Baseline	\$/kWh	0.18019	0.16801	(0.01218)	-6.8%
16	131% to 400% of Baseline	\$/kWh	0.18762	0.25559	0.06797	36.2%
17	Above 400% of Baseline	\$/kWh	0.21860	0.25559	0.03699	16.9%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
10	101% to 130% of Baseline	\$/kWh	0.25117	0.22324	(0.02793)	-11.1%
11	131% to 400% of Baseline	\$/kWh	0.35759	0.46870	0.11111	31.1%
12	Above 400% of Baseline	\$/kWh	0.41786	0.46870	0.05084	12.2%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
15	101% to 130% of Baseline	\$/kWh	0.20324	0.18861	(0.01463)	-7.2%
16	131% to 400% of Baseline	\$/kWh	0.28993	0.39728	0.10735	37.0%
17	Above 400% of Baseline	\$/kWh	0.33904	0.39728	0.05824	17.2%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
10	101% to 130% of Baseline	\$/kWh	0.25643	0.22863	(0.02780)	-10.8%
11	131% to 400% of Baseline	\$/kWh	0.36285	0.47409	0.11124	30.7%
12	Above 400% of Baseline	\$/kWh	0.42312	0.47409	0.05097	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.20850	0.19400	(0.01450)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.29519	0.40267	0.10748	36.4%
17	Above 400% of Baseline	\$/kWh	0.34430	0.40267	0.05837	17.0%
18	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.21899	0.19518	(0.02381)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22811	0.29820	0.07009	30.7%
12	Above 400% of Baseline	\$/kWh	0.26614	0.29820	0.03206	12.0%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
15	101% to 130% of Baseline	\$/kWh	0.17800	0.16556	(0.01244)	-7.0%
16	131% to 400% of Baseline	\$/kWh	0.18543	0.25314	0.06771	36.5%
17	Above 400% of Baseline	\$/kWh	0.21641	0.25314	0.03673	17.0%
18	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.38488	0.32270	(0.06218)	-16.2%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.38488	0.32270	(0.06218)	-16.2%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.54325	0.66549	0.12224	22.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.60352	0.66549	0.06197	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.22495	0.20614	(0.01881)	-8.4%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.22495	0.20614	(0.01881)	-8.4%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.31752	0.42512	0.10760	33.9%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.37779	0.42512	0.04733	12.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.18663	0.17920	(0.00743)	-4.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18663	0.17920	(0.00743)	-4.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.26343	0.36955	0.10612	40.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.32370	0.36955	0.04585	14.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.20337	0.18848	(0.01489)	-7.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.20337	0.18848	(0.01489)	-7.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.28705	0.38870	0.10165	35.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34732	0.38870	0.04138	11.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.19598	0.18404	(0.01194)	-6.1%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19598	0.18404	(0.01194)	-6.1%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.27663	0.37954	0.10291	37.2%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.33690	0.37954	0.04264	12.7%
30	Off-Peak: Baseline Energy	\$/kWh	0.18871	0.17943	(0.00928)	-4.9%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18871	0.17943	(0.00928)	-4.9%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.26636	0.37004	0.10368	38.9%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.32663	0.37004	0.04341	13.3%
34	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.32916	0.27599	(0.05317)	-16.2%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.32916	0.27599	(0.05317)	-16.2%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34274	0.41986	0.07712	22.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.38077	0.41986	0.03909	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19239	0.17630	(0.01609)	-8.4%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19239	0.17630	(0.01609)	-8.4%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.20032	0.26821	0.06789	33.9%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.23835	0.26821	0.02986	12.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.15962	0.15326	(0.00636)	-4.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15962	0.15326	(0.00636)	-4.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16620	0.23315	0.06695	40.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.20423	0.23315	0.02892	14.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17393	0.16120	(0.01273)	-7.3%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17393	0.16120	(0.01273)	-7.3%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.18110	0.24523	0.06413	35.4%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21913	0.24523	0.02610	11.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.16761	0.15740	(0.01021)	-6.1%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.16761	0.15740	(0.01021)	-6.1%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.17453	0.23945	0.06492	37.2%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21255	0.23945	0.02690	12.7%
30	Off-Peak: Baseline Energy	\$/kWh	0.16139	0.15346	(0.00793)	-4.9%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16139	0.15346	(0.00793)	-4.9%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16805	0.23346	0.06541	38.9%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20607	0.23346	0.02739	13.3%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						



## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.37743	0.31486	(0.06257)	-16.6%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.37743	0.31486	(0.06257)	-16.6%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.53580	0.65765	0.12185	22.7%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.59607	0.65765	0.06158	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.21750	0.19830	(0.01920)	-8.8%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.21750	0.19830	(0.01920)	-8.8%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.31007	0.41728	0.10721	34.6%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.37034	0.41728	0.04694	12.7%
17	Off-Peak: Baseline Energy	\$/kWh	0.17918	0.17136	(0.00782)	-4.4%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.17918	0.17136	(0.00782)	-4.4%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25598	0.36171	0.10573	41.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.31625	0.36171	0.04546	14.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.19592	0.18064	(0.01528)	-7.8%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.19592	0.18064	(0.01528)	-7.8%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.27960	0.38086	0.10126	36.2%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.33987	0.38086	0.04099	12.1%
26	Semi-Peak: Baseline Energy	\$/kWh	0.18853	0.17620	(0.01233)	-6.5%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.18853	0.17620	(0.01233)	-6.5%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.26918	0.37170	0.10252	38.1%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.32945	0.37170	0.04225	12.8%
30	Off-Peak: Baseline Energy	\$/kWh	0.18126	0.17159	(0.00967)	-5.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18126	0.17159	(0.00967)	-5.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25891	0.36220	0.10329	39.9%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.31918	0.36220	0.04302	13.5%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.32697	0.27354	(0.05343)	-16.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.32697	0.27354	(0.05343)	-16.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34055	0.41741	0.07686	22.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37858	0.41741	0.03883	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19020	0.17385	(0.01635)	-8.6%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19020	0.17385	(0.01635)	-8.6%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19813	0.26576	0.06763	34.1%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.23616	0.26576	0.02960	12.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.15743	0.15081	(0.00662)	-4.2%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15743	0.15081	(0.00662)	-4.2%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16401	0.23070	0.06669	40.7%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.20204	0.23070	0.02866	14.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17174	0.15875	(0.01299)	-7.6%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17174	0.15875	(0.01299)	-7.6%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.17891	0.24278	0.06387	35.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21694	0.24278	0.02584	11.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.16542	0.15495	(0.01047)	-6.3%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.16542	0.15495	(0.01047)	-6.3%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.17234	0.23700	0.06466	37.5%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21036	0.23700	0.02664	12.7%
30	Off-Peak: Baseline Energy	\$/kWh	0.15920	0.15101	(0.00819)	-5.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15920	0.15101	(0.00819)	-5.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16586	0.23101	0.06515	39.3%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20388	0.23101	0.02713	13.3%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.38269	0.32025	(0.06244)	-16.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.38269	0.32025	(0.06244)	-16.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.54106	0.66304	0.12198	22.5%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.60133	0.66304	0.06171	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.22276	0.20369	(0.01907)	-8.6%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.22276	0.20369	(0.01907)	-8.6%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.31533	0.42267	0.10734	34.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.37560	0.42267	0.04707	12.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.18444	0.17675	(0.00769)	-4.2%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18444	0.17675	(0.00769)	-4.2%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.26124	0.36710	0.10586	40.5%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.32151	0.36710	0.04559	14.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.20118	0.18603	(0.01515)	-7.5%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.20118	0.18603	(0.01515)	-7.5%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.28486	0.38625	0.10139	35.6%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.34513	0.38625	0.04112	11.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.19379	0.18159	(0.01220)	-6.3%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19379	0.18159	(0.01220)	-6.3%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.27444	0.37709	0.10265	37.4%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.33471	0.37709	0.04238	12.7%
30	Off-Peak: Baseline Energy	\$/kWh	0.18652	0.17698	(0.00954)	-5.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18652	0.17698	(0.00954)	-5.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.26417	0.36759	0.10342	39.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.32444	0.36759	0.04315	13.3%
34	Minimum Bill	Min Bill \$/Day	0.329	0.164	(0.165)	-50.2%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.32697	0.27354	(0.05343)	-16.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.32697	0.27354	(0.05343)	-16.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34055	0.41741	0.07686	22.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.37858	0.41741	0.03883	10.3%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19020	0.17385	(0.01635)	-8.6%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19020	0.17385	(0.01635)	-8.6%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19813	0.26576	0.06763	34.1%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.23616	0.26576	0.02960	12.5%
17	Off-Peak: Baseline Energy	\$/kWh	0.15743	0.15081	(0.00662)	-4.2%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15743	0.15081	(0.00662)	-4.2%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16401	0.23070	0.06669	40.7%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.20204	0.23070	0.02866	14.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17174	0.15875	(0.01299)	-7.6%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17174	0.15875	(0.01299)	-7.6%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.17891	0.24278	0.06387	35.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.21694	0.24278	0.02584	11.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.16542	0.15495	(0.01047)	-6.3%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.16542	0.15495	(0.01047)	-6.3%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.17234	0.23700	0.06466	37.5%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.21036	0.23700	0.02664	12.7%
30	Off-Peak: Baseline Energy	\$/kWh	0.15920	0.15101	(0.00819)	-5.1%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15920	0.15101	(0.00819)	-5.1%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16586	0.23101	0.06515	39.3%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.20388	0.23101	0.02713	13.3%
34	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47862	0.50064	0.02202	4.6%
10	Semi-Peak: Summer	\$/kWh	0.25296	0.26032	0.00736	2.9%
11	Off-Peak: Summer	\$/kWh	0.19882	0.20470	0.00588	3.0%
12	On-Peak: Winter	\$/kWh	0.22246	0.22382	0.00136	0.6%
13	Semi-Peak: Winter	\$/kWh	0.21206	0.21473	0.00267	1.3%
14	Off-Peak: Winter	\$/kWh	0.20177	0.20520	0.00343	1.7%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47336	0.49525	0.02189	4.6%
10	Semi-Peak: Summer	\$/kWh	0.24770	0.25493	0.00723	2.9%
11	Off-Peak: Summer	\$/kWh	0.19356	0.19931	0.00575	3.0%
12	On-Peak: Winter	\$/kWh	0.21720	0.21843	0.00123	0.6%
13	Semi-Peak: Winter	\$/kWh	0.20680	0.20934	0.00254	1.2%
14	Off-Peak: Winter	\$/kWh	0.19651	0.19981	0.00330	1.7%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47716	0.49525	0.01809	3.8%
10	Semi-Peak: Summer	\$/kWh	0.25150	0.25493	0.00343	1.4%
11	Off-Peak: Summer	\$/kWh	0.19736	0.19931	0.00195	1.0%
12	On-Peak: Winter	\$/kWh	0.22100	0.21843	(0.00257)	-1.2%
13	Semi-Peak: Winter	\$/kWh	0.21060	0.20934	(0.00126)	-0.6%
14	Off-Peak: Winter	\$/kWh	0.20031	0.19981	(0.00050)	-0.2%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47862	0.50064	0.02202	4.6%
10	Off-Peak: Summer	\$/kWh	0.25293	0.26031	0.00738	2.9%
11	Super Off-Peak: Summer	\$/kWh	0.19876	0.20469	0.00593	3.0%
12	On-Peak: Winter	\$/kWh	0.22246	0.22386	0.00140	0.6%
13	Off-Peak: Winter	\$/kWh	0.21205	0.21473	0.00268	1.3%
14	Super Off-Peak: Winter	\$/kWh	0.20172	0.20519	0.00347	1.7%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47862	0.50064	0.02202	4.6%
10	Off-Peak: Summer	\$/kWh	0.25293	0.26031	0.00738	2.9%
11	Super Off-Peak: Summer	\$/kWh	0.19876	0.20469	0.00593	3.0%
12	On-Peak: Winter	\$/kWh	0.22246	0.22386	0.00140	0.6%
13	Off-Peak: Winter	\$/kWh	0.21205	0.21473	0.00268	1.3%
14	Super Off-Peak: Winter	\$/kWh	0.20172	0.20519	0.00347	1.7%
15	Minimum Bill	Min Bill \$/Day	0.329	0.329	0.000	0.0%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47336	0.49525	0.02189	4.6%
10	Off-Peak: Summer	\$/kWh	0.24767	0.25492	0.00725	2.9%
11	Super Off-Peak: Summer	\$/kWh	0.19350	0.19930	0.00580	3.0%
12	On-Peak: Winter	\$/kWh	0.21720	0.21847	0.00127	0.6%
13	Off-Peak: Winter	\$/kWh	0.20679	0.20934	0.00255	1.2%
14	Super Off-Peak: Winter	\$/kWh	0.19646	0.19980	0.00334	1.7%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47716	0.49525	0.01809	3.8%
10	Off-Peak: Summer	\$/kWh	0.25147	0.25492	0.00345	1.4%
11	Super Off-Peak: Summer	\$/kWh	0.19730	0.19930	0.00200	1.0%
12	On-Peak: Winter	\$/kWh	0.22100	0.21847	(0.00253)	-1.1%
13	Off-Peak: Winter	\$/kWh	0.21059	0.20934	(0.00125)	-0.6%
14	Super Off-Peak: Winter	\$/kWh	0.20026	0.19980	(0.00046)	-0.2%
15	Minimum Bill	Min Bill \$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.42013	0.53184	0.11171	26.6%
10	Semi-Peak: Summer	\$/kWh	0.36504	0.47654	0.11150	30.5%
11	Off-Peak: Summer	\$/kWh	0.31054	0.42179	0.11125	35.8%
12	On-Peak: Winter	\$/kWh	0.30743	0.41406	0.10663	34.7%
13	Semi-Peak: Winter	\$/kWh	0.29709	0.40498	0.10789	36.3%
14	Off-Peak: Winter	\$/kWh	0.28688	0.39551	0.10863	37.9%
15	Baseline Adjustment - Summer	\$/kWh	(0.10642)	(0.24546)	(0.13904)	130.7%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.10642)	(0.24546)	(0.13904)	130.7%
17	Baseline Adjustment - Winter	\$/kWh	(0.08669)	(0.20867)	(0.12198)	140.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.08669)	(0.20867)	(0.12198)	140.7%
19	Minimum Bill	\$/Day	0.329	0.329	0.000	0.0%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.28539	0.35595	0.07056	24.7%
10	Semi-Peak: Summer	\$/kWh	0.23030	0.30065	0.07035	30.5%
11	Off-Peak: Summer	\$/kWh	0.17580	0.24590	0.07010	39.9%
12	On-Peak: Winter	\$/kWh	0.19767	0.26453	0.06686	33.8%
13	Semi-Peak: Winter	\$/kWh	0.18733	0.25545	0.06812	36.4%
14	Off-Peak: Winter	\$/kWh	0.17712	0.24598	0.06886	38.9%
15	Baseline Adjustment - Summer	\$/kWh	(0.00912)	(0.10302)	(0.09390)	1029.6%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.00912)	(0.10302)	(0.09390)	1029.6%
17	Baseline Adjustment - Winter	\$/kWh	(0.00743)	(0.08758)	(0.08015)	1078.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.00743)	(0.08758)	(0.08015)	1078.7%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.41268	0.52400	0.11132	27.0%
10	Semi-Peak: Summer	\$/kWh	0.35759	0.46870	0.11111	31.1%
11	Off-Peak: Summer	\$/kWh	0.30309	0.41395	0.11086	36.6%
12	On-Peak: Winter	\$/kWh	0.29998	0.40622	0.10624	35.4%
13	Semi-Peak: Winter	\$/kWh	0.28964	0.39714	0.10750	37.1%
14	Off-Peak: Winter	\$/kWh	0.27943	0.38767	0.10824	38.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.10642)	(0.24546)	(0.13904)	130.7%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.10642)	(0.24546)	(0.13904)	130.7%
17	Baseline Adjustment - Winter	\$/kWh	(0.08669)	(0.20867)	(0.12198)	140.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.08669)	(0.20867)	(0.12198)	140.7%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.28320	0.35350	0.07030	24.8%
10	Semi-Peak: Summer	\$/kWh	0.22811	0.29820	0.07009	30.7%
11	Off-Peak: Summer	\$/kWh	0.17361	0.24345	0.06984	40.2%
12	On-Peak: Winter	\$/kWh	0.19548	0.26208	0.06660	34.1%
13	Semi-Peak: Winter	\$/kWh	0.18514	0.25300	0.06786	36.7%
14	Off-Peak: Winter	\$/kWh	0.17493	0.24353	0.06860	39.2%
15	Baseline Adjustment - Summer	\$/kWh	(0.00912)	(0.10302)	(0.09390)	1029.6%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.00912)	(0.10302)	(0.09390)	1029.6%
17	Baseline Adjustment - Winter	\$/kWh	(0.00743)	(0.08758)	(0.08015)	1078.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.00743)	(0.08758)	(0.08015)	1078.7%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.47821	0.52939	0.05118	10.7%
10	Semi-Peak: Summer	\$/kWh	0.42312	0.47409	0.05097	12.0%
11	Off-Peak: Summer	\$/kWh	0.36862	0.41934	0.05072	13.8%
12	On-Peak: Winter	\$/kWh	0.35435	0.41161	0.05726	16.2%
13	Semi-Peak: Winter	\$/kWh	0.34401	0.40253	0.05852	17.0%
14	Off-Peak: Winter	\$/kWh	0.33380	0.39306	0.05926	17.8%
15	Baseline Adjustment - Summer	\$/kWh	(0.16669)	(0.24546)	(0.07877)	47.3%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.16669)	(0.24546)	(0.07877)	47.3%
17	Baseline Adjustment - Winter	\$/kWh	(0.13580)	(0.20867)	(0.07287)	53.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.13580)	(0.20867)	(0.07287)	53.7%
19	Minimum Bill	\$/Day	0.329	0.164	(0.165)	-50.2%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.32123	0.35350	0.03227	10.0%
10	Semi-Peak: Summer	\$/kWh	0.26614	0.29820	0.03206	12.0%
11	Off-Peak: Summer	\$/kWh	0.21164	0.24345	0.03181	15.0%
12	On-Peak: Winter	\$/kWh	0.22646	0.26208	0.03562	15.7%
13	Semi-Peak: Winter	\$/kWh	0.21612	0.25300	0.03688	17.1%
14	Off-Peak: Winter	\$/kWh	0.20591	0.24353	0.03762	18.3%
15	Baseline Adjustment - Summer	\$/kWh	(0.04715)	(0.10302)	(0.05587)	118.5%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.04715)	(0.10302)	(0.05587)	118.5%
17	Baseline Adjustment - Winter	\$/kWh	(0.03841)	(0.08758)	(0.04917)	128.0%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.03841)	(0.08758)	(0.04917)	128.0%
19	Minimum Bill	\$/Day	0.164	0.164	0.000	0.0%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.68278	0.68278	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.42137	0.42137	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.35863	0.35863	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.41762	0.41762	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.40528	0.40528	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.39310	0.39310	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%



**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.67739	0.67739	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.41598	0.41598	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.35324	0.35324	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.41223	0.41223	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.39989	0.39989	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.38771	0.38771	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.68278	0.68278	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.39759	0.39759	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.41762	0.41762	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.40039	0.40039	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.67739	0.67739	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.39220	0.39220	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.41223	0.41223	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.39500	0.39500	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.24546)	(0.24546)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.20867)	(0.20867)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
5	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
6	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
7	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
10	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
11	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
12	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.27519	0.25437	(0.02082)	-7.6%
28	Primary	\$/kWh	0.27417	0.25345	(0.02072)	-7.6%
29	Winter					
30	Secondary	\$/kWh	0.21205	0.19047	(0.02158)	-10.2%
31	Primary	\$/kWh	0.21129	0.18985	(0.02144)	-10.1%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
5	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
6	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
7	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
10	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
11	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
12	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.26822	0.20139	(0.06683)	-24.9%
28	Primary	\$/kWh	0.26720	0.20102	(0.06618)	-24.8%
29	Winter					
30	Secondary	\$/kWh	0.20508	0.16711	(0.03797)	-18.5%
31	Primary	\$/kWh	0.20432	0.16674	(0.03758)	-18.4%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
5	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
6	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
7	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
10	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
11	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
12	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.36721	0.32024	(0.04697)	-12.8%
28	Primary	\$/kWh	0.36567	0.31895	(0.04672)	-12.8%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.26055	0.25437	(0.00618)	-2.4%
31	Primary	\$/kWh	0.25952	0.25339	(0.00613)	-2.4%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.22176	0.19524	(0.02652)	-12.0%
34	Primary	\$/kWh	0.22091	0.19454	(0.02637)	-11.9%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.22267	0.19924	(0.02343)	-10.5%
37	Primary	\$/kWh	0.22184	0.19854	(0.02330)	-10.5%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.21218	0.19071	(0.02147)	-10.1%
40	Primary	\$/kWh	0.21142	0.19008	(0.02134)	-10.1%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.20182	0.18181	(0.02001)	-9.9%
43	Primary	\$/kWh	0.20118	0.18128	(0.01990)	-9.9%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
5	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
6	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
7	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	11.67	11.67	0.00	0.0%
10	5-20 kW	\$/Month	20.00	20.00	0.00	0.0%
11	20-50 kW	\$/Month	33.33	33.33	0.00	0.0%
12	>50 kW	\$/Month	83.33	83.33	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.36024	0.20139	(0.15885)	-44.1%
28	Primary	\$/kWh	0.35870	0.20102	(0.15768)	-44.0%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.25358	0.20139	(0.05219)	-20.6%
31	Primary	\$/kWh	0.25255	0.20102	(0.05153)	-20.4%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.21479	0.20139	(0.01340)	-6.2%
34	Primary	\$/kWh	0.21394	0.20102	(0.01292)	-6.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21570	0.16711	(0.04859)	-22.5%
37	Primary	\$/kWh	0.21487	0.16674	(0.04813)	-22.4%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20521	0.16711	(0.03810)	-18.6%
40	Primary	\$/kWh	0.20445	0.16674	(0.03771)	-18.4%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.19485	0.16711	(0.02774)	-14.2%
43	Primary	\$/kWh	0.19421	0.16674	(0.02747)	-14.1%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	52.30	58.87	6.57	12.6%
5	5-20 kW	\$/Month	158.03	156.16	(1.87)	-1.2%
6	20-50 kW	\$/Month	388.08	371.14	(16.94)	-4.4%
7	>50 kW	\$/Month	1,090.74	957.17	(133.57)	-12.2%
8	Primary					
9	0-5 kW	\$/Month	103.95	121.88	17.93	17.2%
10	5-20 kW	\$/Month	181.26	182.64	1.38	0.8%
11	20-50 kW	\$/Month	342.06	309.05	(33.01)	-9.7%
12	>50 kW	\$/Month	1,087.11	941.09	(146.02)	-13.4%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.32574	0.32151	(0.00423)	-1.3%
28	Primary	\$/kWh	0.32441	0.32023	(0.00418)	-1.3%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.15638	0.15516	(0.00122)	-0.8%
31	Primary	\$/kWh	0.15584	0.15467	(0.00117)	-0.8%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.10699	0.10884	0.00185	1.7%
34	Primary	\$/kWh	0.10669	0.10858	0.00189	1.8%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.13068	0.12668	(0.00400)	-3.1%
37	Primary	\$/kWh	0.13028	0.12635	(0.00393)	-3.0%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.12024	0.11815	(0.00209)	-1.7%
40	Primary	\$/kWh	0.11993	0.11789	(0.00204)	-1.7%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.10994	0.10925	(0.00069)	-0.6%
43	Primary	\$/kWh	0.10975	0.10909	(0.00066)	-0.6%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	11.67	11.67	0.0%
5	5-20 kW	\$/Month	0.00	20.00	20.00	0.0%
6	20-50 kW	\$/Month	0.00	33.33	33.33	0.0%
7	>50 kW	\$/Month	0.00	83.33	83.33	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	11.67	11.67	0.0%
10	5-20 kW	\$/Month	0.00	20.00	20.00	0.0%
11	20-50 kW	\$/Month	0.00	33.33	33.33	0.0%
12	>50 kW	\$/Month	0.00	83.33	83.33	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.32024	0.32024	0.0%
28	Primary	\$/kWh	0.00000	0.31895	0.31895	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23477	0.23477	0.0%
34	Primary	\$/kWh	0.00000	0.23389	0.23389	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.19924	0.19924	0.0%
37	Primary	\$/kWh	0.00000	0.19854	0.19854	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.18755	0.18755	0.0%
43	Primary	\$/kWh	0.00000	0.18689	0.18689	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	11.67	11.67	0.00	0.0%
4	Over 5 kW	\$/Month	20.00	20.00	0.00	0.0%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.18418	0.15732	(0.02686)	-14.6%
12	Winter	\$/kWh	0.18418	0.15732	(0.02686)	-14.6%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	62.83	101.56	38.73	61.6%
4	5-20 kW	\$/Month	62.83	101.56	38.73	61.6%
5	20-50 kW	\$/Month	62.83	101.56	38.73	61.6%
6	>50 kW	\$/Month	62.83	101.56	38.73	61.6%
7	Non-Coincident Demand	\$/kW	3.53	2.39	(1.14)	-32.3%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.37249	0.34756	(0.02493)	-6.7%
15	Semi-Peak	\$/kWh	0.20414	0.18250	(0.02164)	-10.6%
16	Off-Peak	\$/kWh	0.15424	0.13602	(0.01822)	-11.8%
17	Winter					
18	On-Peak	\$/kWh	0.17818	0.15387	(0.02431)	-13.6%
19	Semi-Peak	\$/kWh	0.16764	0.14531	(0.02233)	-13.3%
20	Off-Peak	\$/kWh	0.15723	0.13637	(0.02086)	-13.3%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	35.69	101.56	65.87	184.6%
4	5-20 kW	\$/Month	65.42	101.56	36.14	55.2%
5	20-50 kW	\$/Month	138.01	101.56	(36.45)	-26.4%
6	>50 kW	\$/Month	192.27	101.56	(90.71)	-47.2%
7	Non-Coincident Demand	\$/kW	3.53	2.39	(1.14)	-32.3%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.36552	0.15572	(0.20980)	-57.4%
15	Semi-Peak	\$/kWh	0.19717	0.15572	(0.04145)	-21.0%
16	Off-Peak	\$/kWh	0.14727	0.15572	0.00845	5.7%
17	Winter					
18	On-Peak	\$/kWh	0.17121	0.12144	(0.04977)	-29.1%
19	Semi-Peak	\$/kWh	0.16067	0.12144	(0.03923)	-24.4%
20	Off-Peak	\$/kWh	0.15026	0.12144	(0.02882)	-19.2%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	0.00	10.02	10.02	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.27519	0.25411	(0.02108)	-7.7%
10	Winter	\$/kWh	0.21205	0.19034	(0.02171)	-10.2%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	163.02	163.02	0.00	0.0%
4	Primary	\$/Month	43.96	43.96	0.00	0.0%
5	Maximum Demand Charge					
6	Secondary	\$/KW	26.26	30.24	3.98	15.2%
7	Primary	\$/KW	25.73	29.72	3.99	15.5%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	5.13	0.00	(5.13)	-100.0%
13	Primary	\$/KW	5.11	0.00	(5.11)	-100.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	4.40	0.00	(4.40)	-100.0%
16	Primary	\$/KW	4.38	0.00	(4.38)	-100.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	0.00	10.24	10.24	0.0%
19	Primary	\$/KW	0.00	10.19	10.19	0.0%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.12323	0.11584	(0.00739)	-6.0%
27	Primary	\$/kWh	0.13687	0.11534	(0.02153)	-15.7%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.10440	0.09834	(0.00606)	-5.8%
30	Primary	\$/kWh	0.11813	0.09795	(0.02018)	-17.1%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.08648	0.08270	(0.00378)	-4.4%
33	Primary	\$/kWh	0.10042	0.08248	(0.01794)	-17.9%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.11702	0.10585	(0.01117)	-9.5%
36	Primary	\$/kWh	0.13070	0.10543	(0.02527)	-19.3%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.11776	0.09481	(0.02295)	-19.5%
39	Primary	\$/kWh	0.11735	0.09447	(0.02288)	-19.5%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.10448	0.08330	(0.02118)	-20.3%
42	Primary	\$/kWh	0.10423	0.08309	(0.02114)	-20.3%



## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	163.02	163.02	0.00	0.0%
5	Primary	\$/Month	43.96	43.96	0.00	0.0%
6	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
7	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
8	Transmission	\$/Month	237.08	237.08	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	652.04	29.49	4.7%
11	Primary	\$/Month	52.30	52.30	0.00	0.0%
12	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
13	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
14	Transmission	\$/Month	948.56	948.56	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	39,288.63	39,288.63	0.00	0.0%
17	Primary Substation	\$/Month	39,361.61	39,361.61	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.92	24.57	(0.35)	-1.4%
25	Primary	\$/kW	24.44	24.12	(0.32)	-1.3%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	18.11	17.79	(0.32)	-1.8%
37	Primary	\$/kW	17.96	17.64	(0.32)	-1.8%
38	Secondary Substation	\$/kW	12.94	12.46	(0.48)	-3.7%
39	Primary Substation	\$/kW	12.81	12.34	(0.47)	-3.7%
40	Transmission	\$/kW	12.34	11.88	(0.46)	-3.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	5.08	5.17	0.09	1.8%
43	Primary	\$/kW	5.04	5.13	0.09	1.8%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12765	0.11790	(0.00975)	-7.6%
81	Primary	\$/kWh	0.12707	0.11739	(0.00968)	-7.6%
82	Secondary Substation	\$/kWh	0.12391	0.11340	(0.01051)	-8.5%
83	Primary Substation	\$/kWh	0.12333	0.11289	(0.01044)	-8.5%
84	Transmission	\$/kWh	0.11814	0.10840	(0.00974)	-8.2%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.10845	0.10023	(0.00822)	-7.6%
87	Primary	\$/kWh	0.10798	0.09982	(0.00816)	-7.6%
88	Secondary Substation	\$/kWh	0.10471	0.09573	(0.00898)	-8.6%
89	Primary Substation	\$/kWh	0.10424	0.09532	(0.00892)	-8.6%
90	Transmission	\$/kWh	0.09990	0.09162	(0.00828)	-8.3%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08647	0.08269	(0.00378)	-4.4%
93	Primary	\$/kWh	0.08623	0.08248	(0.00375)	-4.3%
94	Secondary Substation	\$/kWh	0.08273	0.07819	(0.00454)	-5.5%
95	Primary Substation	\$/kWh	0.08249	0.07798	(0.00451)	-5.5%
96	Transmission	\$/kWh	0.07925	0.07517	(0.00408)	-5.1%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11702	0.10586	(0.01116)	-9.5%
99	Primary	\$/kWh	0.11652	0.10544	(0.01108)	-9.5%
100	Secondary Substation	\$/kWh	0.11328	0.10136	(0.01192)	-10.5%
101	Primary Substation	\$/kWh	0.11278	0.10094	(0.01184)	-10.5%
102	Transmission	\$/kWh	0.10811	0.09703	(0.01108)	-10.2%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.10357	0.09482	(0.00875)	-8.4%
105	Primary	\$/kWh	0.10316	0.09448	(0.00868)	-8.4%
106	Secondary Substation	\$/kWh	0.09983	0.09032	(0.00951)	-9.5%
107	Primary Substation	\$/kWh	0.09942	0.08998	(0.00944)	-9.5%
108	Transmission	\$/kWh	0.09541	0.08661	(0.00880)	-9.2%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.09028	0.08329	(0.00699)	-7.7%
111	Primary	\$/kWh	0.09004	0.08308	(0.00696)	-7.7%
112	Secondary Substation	\$/kWh	0.08654	0.07879	(0.00775)	-9.0%
113	Primary Substation	\$/kWh	0.08630	0.07858	(0.00772)	-8.9%
114	Transmission	\$/kWh	0.08290	0.07575	(0.00715)	-8.6%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	163.02	163.02	0.00	0.0%
5	Primary	\$/Month	43.96	43.96	0.00	0.0%
6	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
7	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
8	Transmission	\$/Month	237.08	237.08	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	652.04	29.49	4.7%
11	Primary	\$/Month	52.30	52.30	0.00	0.0%
12	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
13	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
14	Transmission	\$/Month	948.56	948.56	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	39,288.63	39,288.63	0.00	0.0%
17	Primary Substation	\$/Month	39,361.61	39,361.61	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.92	24.57	(0.35)	-1.4%
25	Primary	\$/kW	24.44	24.12	(0.32)	-1.3%
26	Secondary Substation	\$/kW	12.73	12.41	(0.32)	-2.5%
27	Primary Substation	\$/kW	12.32	12.03	(0.29)	-2.4%
28	Transmission	\$/kW	12.21	11.91	(0.30)	-2.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	18.11	17.79	(0.32)	-1.8%
37	Primary	\$/kW	17.96	17.64	(0.32)	-1.8%
38	Secondary Substation	\$/kW	12.94	12.46	(0.48)	-3.7%
39	Primary Substation	\$/kW	12.81	12.34	(0.47)	-3.7%
40	Transmission	\$/kW	12.34	11.88	(0.46)	-3.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	5.08	5.17	0.09	1.8%
43	Primary	\$/kW	5.04	5.13	0.09	1.8%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12100	0.08800	(0.03300)	-27.3%
81	Primary	\$/kWh	0.12042	0.08799	(0.03243)	-26.9%
82	Secondary Substation	\$/kWh	0.11865	0.08514	(0.03351)	-28.2%
83	Primary Substation	\$/kWh	0.11807	0.08513	(0.03294)	-27.9%
84	Transmission	\$/kWh	0.11288	0.08503	(0.02785)	-24.7%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.10180	0.08782	(0.01398)	-13.7%
87	Primary	\$/kWh	0.10133	0.08781	(0.01352)	-13.3%
88	Secondary Substation	\$/kWh	0.09945	0.08496	(0.01449)	-14.6%
89	Primary Substation	\$/kWh	0.09898	0.08495	(0.01403)	-14.2%
90	Transmission	\$/kWh	0.09464	0.08487	(0.00977)	-10.3%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07982	0.08593	0.00611	7.7%
93	Primary	\$/kWh	0.07958	0.08593	0.00635	8.0%
94	Secondary Substation	\$/kWh	0.07747	0.08307	0.00560	7.2%
95	Primary Substation	\$/kWh	0.07723	0.08307	0.00584	7.6%
96	Transmission	\$/kWh	0.07399	0.08307	0.00908	12.3%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11037	0.05214	(0.05823)	-52.8%
99	Primary	\$/kWh	0.10987	0.05214	(0.05773)	-52.5%
100	Secondary Substation	\$/kWh	0.10802	0.04928	(0.05874)	-54.4%
101	Primary Substation	\$/kWh	0.10752	0.04928	(0.05824)	-54.2%
102	Transmission	\$/kWh	0.10285	0.04928	(0.05357)	-52.1%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09692	0.05214	(0.04478)	-46.2%
105	Primary	\$/kWh	0.09651	0.05214	(0.04437)	-46.0%
106	Secondary Substation	\$/kWh	0.09457	0.04928	(0.04529)	-47.9%
107	Primary Substation	\$/kWh	0.09416	0.04928	(0.04488)	-47.7%
108	Transmission	\$/kWh	0.09015	0.04928	(0.04087)	-45.3%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.08363	0.05213	(0.03150)	-37.7%
111	Primary	\$/kWh	0.08339	0.05213	(0.03126)	-37.5%
112	Secondary Substation	\$/kWh	0.08128	0.04927	(0.03201)	-39.4%
113	Primary Substation	\$/kWh	0.08104	0.04927	(0.03177)	-39.2%
114	Transmission	\$/kWh	0.07764	0.04927	(0.02837)	-36.5%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	256.00	310.34	54.34	21.2%
5	Primary	\$/Month	124.65	150.50	25.85	20.7%
6	Secondary Substation	\$/Month	43,700.64	68,388.96	24,688.32	56.5%
7	Primary Substation	\$/Month	43,569.29	68,229.13	24,659.84	56.6%
8	Transmission	\$/Month	885.26	1,005.92	120.66	13.6%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	145.93	174.24	28.31	19.4%
12	Secondary Substation	\$/Month	44,067.19	68,823.26	24,756.07	56.2%
13	Primary Substation	\$/Month	43,590.57	68,252.86	24,662.29	56.6%
14	Transmission	\$/Month	1,734.95	1,962.73	227.78	13.1%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	45,179.59	70,041.35	24,861.76	55.0%
17	Primary Substation	\$/Month	43,671.10	68,341.30	24,670.20	56.5%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	27.83	27.30	(0.53)	-1.9%
25	Primary	\$/kW	27.33	26.84	(0.49)	-1.8%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	18.18	17.45	(0.73)	-4.0%
37	Primary	\$/kW	18.02	17.31	(0.71)	-3.9%
38	Secondary Substation	\$/kW	18.14	17.39	(0.75)	-4.1%
39	Primary Substation	\$/kW	17.98	17.25	(0.73)	-4.1%
40	Transmission	\$/kW	17.29	16.57	(0.72)	-4.2%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.68	0.66	(0.02)	-2.9%
43	Primary	\$/kW	0.66	0.64	(0.02)	-3.0%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.11383	0.10933	(0.00450)	-4.0%
81	Primary	\$/kWh	0.11329	0.10886	(0.00443)	-3.9%
82	Secondary Substation	\$/kWh	0.11009	0.10483	(0.00526)	-4.8%
83	Primary Substation	\$/kWh	0.10955	0.10436	(0.00519)	-4.7%
84	Transmission	\$/kWh	0.10472	0.10024	(0.00448)	-4.3%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.09599	0.09311	(0.00288)	-3.0%
87	Primary	\$/kWh	0.09556	0.09274	(0.00282)	-3.0%
88	Secondary Substation	\$/kWh	0.09225	0.08861	(0.00364)	-3.9%
89	Primary Substation	\$/kWh	0.09182	0.08824	(0.00358)	-3.9%
90	Transmission	\$/kWh	0.08778	0.08484	(0.00294)	-3.3%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07533	0.07688	0.00155	2.1%
93	Primary	\$/kWh	0.07510	0.07668	0.00158	2.1%
94	Secondary Substation	\$/kWh	0.07159	0.07238	0.00079	1.1%
95	Primary Substation	\$/kWh	0.07136	0.07218	0.00082	1.1%
96	Transmission	\$/kWh	0.06835	0.06961	0.00126	1.8%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.10365	0.09812	(0.00553)	-5.3%
99	Primary	\$/kWh	0.10318	0.09773	(0.00545)	-5.3%
100	Secondary Substation	\$/kWh	0.09991	0.09362	(0.00629)	-6.3%
101	Primary Substation	\$/kWh	0.09944	0.09323	(0.00621)	-6.2%
102	Transmission	\$/kWh	0.09511	0.08965	(0.00546)	-5.7%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09118	0.08800	(0.00318)	-3.5%
105	Primary	\$/kWh	0.09080	0.08768	(0.00312)	-3.4%
106	Secondary Substation	\$/kWh	0.08744	0.08350	(0.00394)	-4.5%
107	Primary Substation	\$/kWh	0.08706	0.08318	(0.00388)	-4.5%
108	Transmission	\$/kWh	0.08334	0.08010	(0.00324)	-3.9%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07886	0.07743	(0.00143)	-1.8%
111	Primary	\$/kWh	0.07863	0.07724	(0.00139)	-1.8%
112	Secondary Substation	\$/kWh	0.07512	0.07293	(0.00219)	-2.9%
113	Primary Substation	\$/kWh	0.07489	0.07274	(0.00215)	-2.9%
114	Transmission	\$/kWh	0.07174	0.07014	(0.00160)	-2.2%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	163.02	163.02	0.00	0.0%
5	Primary	\$/Month	43.96	43.96	0.00	0.0%
6	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
7	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
8	Transmission	\$/Month	237.08	237.08	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	652.04	29.49	4.7%
11	Primary	\$/Month	52.30	52.30	0.00	0.0%
12	Secondary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
13	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
14	Transmission	\$/Month	948.56	948.56	0.00	0.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	12.46	12.29	(0.17)	-1.4%
22	Primary	\$/kW	12.22	12.06	(0.16)	-1.3%
23	Secondary Substation	\$/kW	11.86	11.34	(0.52)	-4.4%
24	Primary Substation	\$/kW	11.45	10.96	(0.49)	-4.3%
25	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.14	2.03	(0.11)	-5.1%
34	Primary	\$/kW	2.06	1.96	(0.10)	-4.9%
35	Secondary Substation	\$/kW	2.14	2.03	(0.11)	-5.1%
36	Primary Substation	\$/kW	2.06	1.96	(0.10)	-4.9%
37	Transmission	\$/kW	2.05	1.94	(0.11)	-5.4%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.65	0.61	(0.04)	-6.2%
40	Primary	\$/kW	0.63	0.59	(0.04)	-6.3%
41	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
42	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
43	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation	\$/kW	0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.36617	0.34871	(0.01746)	-4.8%
53	Primary	\$/kWh	0.36468	0.34738	(0.01730)	-4.7%
54	Secondary Substation	\$/kWh	0.31322	0.29814	(0.01508)	-4.8%
55	Primary Substation	\$/kWh	0.31274	0.29773	(0.01501)	-4.8%
56	Transmission	\$/kWh	0.30849	0.29403	(0.01446)	-4.7%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.22377	0.21224	(0.01153)	-5.2%
59	Primary	\$/kWh	0.22223	0.21084	(0.01139)	-5.1%
60	Secondary Substation	\$/kWh	0.17082	0.16167	(0.00915)	-5.4%
61	Primary Substation	\$/kWh	0.17029	0.16119	(0.00910)	-5.3%
62	Transmission	\$/kWh	0.16531	0.15679	(0.00852)	-5.2%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.16944	0.16482	(0.00462)	-2.7%
65	Primary	\$/kWh	0.16823	0.16372	(0.00451)	-2.7%
66	Secondary Substation	\$/kWh	0.11649	0.11425	(0.00224)	-1.9%
67	Primary Substation	\$/kWh	0.11629	0.11407	(0.00222)	-1.9%
68	Transmission	\$/kWh	0.11366	0.11177	(0.00189)	-1.7%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.14920	0.13969	(0.00951)	-6.4%
71	Primary	\$/kWh	0.14777	0.13842	(0.00935)	-6.3%
72	Secondary Substation	\$/kWh	0.09625	0.08912	(0.00713)	-7.4%
73	Primary Substation	\$/kWh	0.09583	0.08877	(0.00706)	-7.4%
74	Transmission	\$/kWh	0.09203	0.08556	(0.00647)	-7.0%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.13825	0.13063	(0.00762)	-5.5%
77	Primary	\$/kWh	0.13691	0.12943	(0.00748)	-5.5%
78	Secondary Substation	\$/kWh	0.08530	0.08006	(0.00524)	-6.1%
79	Primary Substation	\$/kWh	0.08497	0.07978	(0.00519)	-6.1%
80	Transmission	\$/kWh	0.08170	0.07702	(0.00468)	-5.7%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.12744	0.12117	(0.00627)	-4.9%
83	Primary	\$/kWh	0.12623	0.12008	(0.00615)	-4.9%
84	Secondary Substation	\$/kWh	0.07449	0.07060	(0.00389)	-5.2%
85	Primary Substation	\$/kWh	0.07429	0.07043	(0.00386)	-5.2%
86	Transmission	\$/kWh	0.07152	0.06811	(0.00341)	-4.8%



## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	163.02	163.02	0.00	0.0%
4	Primary	\$/Month	43.96	43.96	0.00	0.0%
5	Transmission	\$/Month	237.08	237.08	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	24.92	24.57	(0.35)	-1.4%
8	Primary	\$/kW	24.45	24.13	(0.32)	-1.3%
9	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	18.11	17.79	(0.32)	-1.8%
16	Primary	\$/kW	17.96	17.64	(0.32)	-1.8%
17	Transmission	\$/kW	12.34	11.88	(0.46)	-3.7%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	5.09	5.18	0.09	1.8%
20	Primary	\$/kW	5.04	5.14	0.10	2.0%
21	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.12765	0.11790	(0.00975)	-7.6%
28	Primary	\$/kWh	0.12707	0.11739	(0.00968)	-7.6%
29	Transmission	\$/kWh	0.12188	0.11290	(0.00898)	-7.4%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.10845	0.10023	(0.00822)	-7.6%
32	Primary	\$/kWh	0.10798	0.09982	(0.00816)	-7.6%
33	Transmission	\$/kWh	0.10364	0.09612	(0.00752)	-7.3%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.08647	0.08269	(0.00378)	-4.4%
36	Primary	\$/kWh	0.08623	0.08248	(0.00375)	-4.3%
37	Transmission	\$/kWh	0.08299	0.07967	(0.00332)	-4.0%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.11702	0.10586	(0.01116)	-9.5%
40	Primary	\$/kWh	0.11652	0.10544	(0.01108)	-9.5%
41	Transmission	\$/kWh	0.11185	0.10153	(0.01032)	-9.2%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.10357	0.09482	(0.00875)	-8.4%
44	Primary	\$/kWh	0.10316	0.09448	(0.00868)	-8.4%
45	Transmission	\$/kWh	0.09915	0.09111	(0.00804)	-8.1%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.09028	0.08329	(0.00699)	-7.7%
48	Primary	\$/kWh	0.09004	0.08308	(0.00696)	-7.7%
49	Transmission	\$/kWh	0.08664	0.08025	(0.00639)	-7.4%

## REBUTTAL ATTACHMENT M

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	163.02	163.02	0.00	0.0%
53	Primary	\$/Month	43.96	43.96	0.00	0.0%
54	Transmission	\$/Month	237.08	237.08	0.00	0.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	24.92	24.57	(0.35)	-1.4%
57	Primary	\$/kW	24.45	24.13	(0.32)	-1.3%
58	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	18.11	17.79	(0.32)	-1.8%
65	Primary	\$/kW	17.96	17.64	(0.32)	-1.8%
66	Transmission	\$/kW	12.34	11.88	(0.46)	-3.7%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	5.09	5.18	0.09	1.8%
69	Primary	\$/kW	5.04	5.14	0.10	2.0%
70	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.12100	0.08800	(0.03300)	-27.3%
77	Primary	\$/kWh	0.12042	0.08799	(0.03243)	-26.9%
78	Transmission	\$/kWh	0.11523	0.08789	(0.02734)	-23.7%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.10180	0.08782	(0.01398)	-13.7%
81	Primary	\$/kWh	0.10133	0.08781	(0.01352)	-13.3%
82	Transmission	\$/kWh	0.09699	0.08773	(0.00926)	-9.5%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.07982	0.08593	0.00611	7.7%
85	Primary	\$/kWh	0.07958	0.08593	0.00635	8.0%
86	Transmission	\$/kWh	0.07634	0.08593	0.00959	12.6%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.11037	0.05214	(0.05823)	-52.8%
89	Primary	\$/kWh	0.10987	0.05214	(0.05773)	-52.5%
90	Transmission	\$/kWh	0.10520	0.05214	(0.05306)	-50.4%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.09692	0.05214	(0.04478)	-46.2%
93	Primary	\$/kWh	0.09651	0.05214	(0.04437)	-46.0%
94	Transmission	\$/kWh	0.09250	0.05214	(0.04036)	-43.6%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.08363	0.05213	(0.03150)	-37.7%
97	Primary	\$/kWh	0.08339	0.05213	(0.03126)	-37.5%
98	Transmission	\$/kWh	0.07999	0.05213	(0.02786)	-34.8%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	52.30	52.30	0.00	0.0%
5	Primary Substation	\$/Month	23,282.17	23,282.17	0.00	0.0%
6	Transmission	\$/Month	1,689.74	1,689.74	0.00	0.0%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	39,361.61	39,361.61	0.00	0.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	25.83	25.80	(0.03)	-0.1%
12	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
13	Transmission	\$/KW	12.73	12.52	(0.21)	-1.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/KW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	18.34	18.06	(0.28)	-1.5%
20	Primary Substation	\$/kW	13.19	12.75	(0.44)	-3.3%
21	Transmission	\$/KW	12.72	12.29	(0.43)	-3.4%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	5.10	5.19	0.09	1.8%
24	Primary Substation	\$/kW	0.69	0.64	(0.05)	-7.2%
25	Transmission	\$/KW	0.67	0.64	(0.03)	-4.5%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.12333	0.11289	(0.01044)	-8.5%
32	Primary Substation	\$/kWh	0.12333	0.11289	(0.01044)	-8.5%
33	Transmission	\$/kWh	0.11814	0.10840	(0.00974)	-8.2%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.10424	0.09532	(0.00892)	-8.6%
36	Primary Substation	\$/kWh	0.10424	0.09532	(0.00892)	-8.6%
37	Transmission	\$/kWh	0.09990	0.09162	(0.00828)	-8.3%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.08249	0.07798	(0.00451)	-5.5%
40	Primary Substation	\$/kWh	0.08249	0.07798	(0.00451)	-5.5%
41	Transmission	\$/kWh	0.07925	0.07517	(0.00408)	-5.1%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.11278	0.10094	(0.01184)	-10.5%
44	Primary Substation	\$/kWh	0.11278	0.10094	(0.01184)	-10.5%
45	Transmission	\$/kWh	0.10811	0.09703	(0.01108)	-10.2%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.09942	0.08998	(0.00944)	-9.5%
48	Primary Substation	\$/kWh	0.09942	0.08998	(0.00944)	-9.5%
49	Transmission	\$/kWh	0.09541	0.08661	(0.00880)	-9.2%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.08630	0.07858	(0.00772)	-8.9%
52	Primary Substation	\$/kWh	0.08630	0.07858	(0.00772)	-8.9%
53	Transmission	\$/kWh	0.08290	0.07575	(0.00715)	-8.6%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	13.87	13.63	(0.24)	-1.7%
4	Primary	\$/kW	13.63	13.38	(0.25)	-1.8%
5	Secondary Substation	\$/kW	5.88	5.63	(0.25)	-4.3%
6	Primary Substation	\$/kW	5.68	5.43	(0.25)	-4.4%
7	Transmission	\$/kW	5.62	5.38	(0.24)	-4.3%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	26.77	26.77	0.00	0.0%
4	5-20 kW	\$/Month	26.77	26.77	0.00	0.0%
5	20-50 kW	\$/Month	26.77	26.77	0.00	0.0%
6	> 50 kW	\$/Month	26.77	26.77	0.00	0.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.41011	0.39106	(0.01905)	-4.6%
15	Semi-Peak	\$/kWh	0.22122	0.20977	(0.01145)	-5.2%
16	Off-Peak	\$/kWh	0.16734	0.16256	(0.00478)	-2.9%
17	Winter					
18	On-Peak	\$/kWh	0.19219	0.18155	(0.01064)	-5.5%
19	Semi-Peak	\$/kWh	0.18124	0.17250	(0.00874)	-4.8%
20	Off-Peak	\$/kWh	0.17044	0.16305	(0.00739)	-4.3%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
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2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	92.30	92.30	0.00	0.0%
4	Primary	\$/Month	92.30	92.30	0.00	0.0%
5	Transmission	\$/Month	92.30	92.30	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.91	4.85	(0.06)	-1.2%
8	Primary	\$/kW	4.75	4.70	(0.05)	-1.1%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	10.35	10.35	0.00	0.0%
12	Primary	\$/kW	10.30	10.30	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	5.57	5.86	0.29	5.2%
17	Primary	\$/kW	5.54	5.83	0.29	5.2%
18	Transmission	\$/kW	5.31	5.58	0.27	5.1%
19	Option D					
20	Secondary	\$/kW	5.57	5.86	0.29	5.2%
21	Primary	\$/kW	5.54	5.83	0.29	5.2%
22	Transmission	\$/kW	5.31	5.58	0.27	5.1%
23	Option E					
24	Secondary	\$/kW	5.57	5.86	0.29	5.2%
25	Primary	\$/kW	5.54	5.83	0.29	5.2%
26	Transmission	\$/kW	5.31	5.58	0.27	5.1%
27	Option F					
28	Secondary	\$/kW	5.57	5.86	0.29	5.2%
29	Primary	\$/kW	5.54	5.83	0.29	5.2%
30	Transmission	\$/kW	5.31	5.58	0.27	5.1%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.11424	0.11099	(0.00325)	-2.8%
54	Primary	\$/kWh	0.11372	0.11051	(0.00321)	-2.8%
55	Transmission	\$/kWh	0.10907	0.10628	(0.00279)	-2.6%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.09691	0.09415	(0.00276)	-2.8%
58	Primary	\$/kWh	0.09649	0.09377	(0.00272)	-2.8%
59	Transmission	\$/kWh	0.09260	0.09029	(0.00231)	-2.5%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07854	0.07917	0.00063	0.8%
62	Primary	\$/kWh	0.07831	0.07897	0.00066	0.8%
63	Transmission	\$/kWh	0.07535	0.07627	0.00092	1.2%

**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)		
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10646	0.10146	(0.00500)	-4.7%
66	Primary	\$/kWh	0.10599	0.10105	(0.00494)	-4.7%
67	Transmission	\$/kWh	0.10172	0.09730	(0.00442)	-4.3%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.09416	0.09084	(0.00332)	-3.5%
70	Primary	\$/kWh	0.09379	0.09051	(0.00328)	-3.5%
71	Transmission	\$/kWh	0.09012	0.08727	(0.00285)	-3.2%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.08202	0.07975	(0.00227)	-2.8%
74	Primary	\$/kWh	0.08179	0.07955	(0.00224)	-2.7%
75	Transmission	\$/kWh	0.07869	0.07683	(0.00186)	-2.4%
1	<b>SCHEDULE PA</b>					
2	<i>Less than 20 kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	25.52	25.52	0.00	0.0%
5	Primary	\$/Month	25.52	25.52	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.18896	0.19594	0.00698	3.7%
22	Primary	\$/kWh	0.18838	0.19537	0.00699	3.7%
23	Winter					
24	Secondary	\$/kWh	0.14793	0.14979	0.00186	1.3%
25	Primary	\$/kWh	0.14741	0.14928	0.00187	1.3%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	30.62	30.62	0.00	0.0%
29	Primary	\$/Month	30.62	30.62	0.00	0.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	1.53	1.49	(0.04)	-2.6%
32	Primary	\$/kW	1.52	1.49	(0.03)	-2.0%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.18184	0.18887	0.00703	3.9%
46	Primary	\$/kWh	0.18130	0.18834	0.00704	3.9%
47	Winter					
48	Secondary	\$/kWh	0.14081	0.14272	0.00191	1.4%
49	Primary	\$/kWh	0.14033	0.14225	0.00192	1.4%

**REBUTTAL ATTACHMENT M**

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2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	25.52	25.52	0.00	0.0%
5	Primary	\$/Month	25.52	25.52	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.26884	0.28100	0.01216	4.5%
23	Primary	\$/kWh	0.26767	0.27978	0.01211	4.5%
24	Semi-Peak					
25	Secondary	\$/kWh	0.18896	0.19594	0.00698	3.7%
26	Primary	\$/kWh	0.18816	0.19513	0.00697	3.7%
27	Off-Peak					
28	Secondary	\$/kWh	0.14616	0.15349	0.00733	5.0%
29	Primary	\$/kWh	0.14556	0.15289	0.00733	5.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.15219	0.15350	0.00131	0.9%
33	Primary	\$/kWh	0.15158	0.15291	0.00133	0.9%
34	Semi-Peak					
35	Secondary	\$/kWh	0.14270	0.14530	0.00260	1.8%
36	Primary	\$/kWh	0.14217	0.14478	0.00261	1.8%
37	Off-Peak					
38	Secondary	\$/kWh	0.13334	0.13675	0.00341	2.6%
39	Primary	\$/kWh	0.13291	0.13632	0.00341	2.6%

**REBUTTAL ATTACHMENT M**

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2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	30.62	30.62	0.00	0.0%
43	Primary	\$/Month	30.62	30.62	0.00	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	1.53	1.49	(0.04)	-2.6%
46	Primary	\$/kW	1.52	1.49	(0.03)	-2.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	2.93	2.90	(0.03)	-1.0%
53	Primary	\$/kW	2.91	2.88	(0.03)	-1.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00		
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.20484	0.20567	0.00083	0.4%
61	Primary	\$/kWh	0.20399	0.20482	0.00083	0.4%
62	Semi-Peak					
63	Secondary	\$/kWh	0.18248	0.18388		
64	Primary	\$/kWh	0.18173	0.18314	0.00141	0.8%
65	Off-Peak					
66	Secondary	\$/kWh	0.15917	0.16449	0.00532	3.3%
67	Primary	\$/kWh	0.15852	0.16384		
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.15430	0.15269	(0.00161)	-1.0%
71	Primary	\$/kWh	0.15367	0.15209		
72	Semi-Peak					
73	Secondary	\$/kWh	0.14370	0.14375	0.00005	0.0%
74	Primary	\$/kWh	0.14312	0.14320	0.00008	0.1%
75	Off-Peak					
76	Secondary	\$/kWh	0.13323	0.13442		
77	Primary	\$/kWh	0.13270	0.13392		



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2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	25.52	25.52	0.0%
5	Primary	\$/Month	0.00	25.52	25.52	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00000	0.28100	0.28100	0.0%
23	Primary	\$/kWh	0.00000	0.27978	0.27978	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00000	0.17875	0.17875	0.0%
29	Primary	\$/kWh	0.00000	0.17802	0.17802	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00000	0.15350	0.15350	0.0%
33	Primary	\$/kWh	0.00000	0.15291	0.15291	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00000	0.14181	0.14181	0.0%
39	Primary	\$/kWh	0.00000	0.14126	0.14126	0.0%

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SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 2 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
2	<i>Less than 20kW</i>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.46	7.46	0.0%
46	Primary	\$/kW	0.00	7.43	7.43	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13316	0.13316	0.0%
61	Primary	\$/kWh	0.00000	0.13268	0.13268	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11605	0.11605	0.0%
64	Primary	\$/kWh	0.00000	0.11565	0.11565	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10083	0.10083	0.0%
67	Primary	\$/kWh	0.00000	0.10050	0.10050	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10772	0.10772	0.0%
71	Primary	\$/kWh	0.00000	0.10735	0.10735	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09878	0.09878	0.0%
74	Primary	\$/kWh	0.00000	0.09846	0.09846	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08945	0.08945	0.0%
77	Primary	\$/kWh	0.00000	0.08918	0.08918	0.0%

REBUTTAL ATTACHMENT M

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT

Hours per year  
4,165  
Hours per month  
347

2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 2			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
1			LS-1, Mercury Vapor, Class A, Reactor Ballast														
2	0.192	67	175	7000	11.99	6.42961	18.42	12.47	5.96966	18.44	0.48	(0.45995)	0.02	4.0%	-7.2%	0.1%	
3			LS-1, Mercury Vapor, Class A, Regulator Ballast														
4	0.210	73	175	7000	12.24	7.00539	19.25	12.75	6.50426	19.25	0.51	(0.50113)	0.00	4.2%	-7.2%	0.0%	
5	0.460	160	400	20000	18.87	15.3543	34.22	19.93	14.2559	34.19	1.06	(1.09838)	(0.03)	5.6%	-7.2%	-0.1%	
6			LS-1, HPSV, Class A, Reactor Ballast														
7	0.083	29	70	5800	10.42	2.78296	13.2	10.65	2.58388	13.23	0.23	(0.19908)	0.03	2.2%	-7.2%	0.2%	
8	0.117	41	100	9500	11.1	3.93454	15.03	11.38	3.65308	15.03	0.28	(0.28146)	0.00	2.5%	-7.2%	0.0%	
9	0.171	59	150	16000	11.81	5.66189	17.47	12.25	5.25687	17.51	0.44	(0.40502)	0.04	3.7%	-7.2%	0.2%	
10			LS-1, HPSV, Class B, 2-Regulator Ballast														
11	0.246	85	200	22000	13.66	8.15696	21.82	14.26	7.57345	21.83	0.60	(0.58351)	0.01	4.4%	-7.2%	0.0%	
12	0.313	109	250	30000	15.23	10.4601	25.69	15.98	9.71184	25.69	0.75	(0.74827)	0.00	4.9%	-7.2%	0.0%	
13	0.476	165	400	50000	17.23	15.8341	33.06	18.32	14.7014	33.02	1.09	(1.13270)	(0.04)	6.3%	-7.2%	-0.1%	
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast														
15	0.083	29	70	5800	10.56	2.78296	13.34	10.79	2.58388	13.37	0.23	(0.19908)	0.03	2.2%	-7.2%	0.2%	
16	0.117	41	100	9500	11.29	3.93454	15.22	11.58	3.65308	15.23	0.29	(0.28146)	0.01	2.6%	-7.2%	0.1%	
17	0.171	59	150	16000	11.87	5.66189	17.53	12.31	5.25687	17.57	0.44	(0.40502)	0.04	3.7%	-7.2%	0.2%	
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast														
19	0.246	85	200	22000	13.69	8.15696	21.85	14.3	7.57345	21.87	0.61	(0.58351)	0.02	4.5%	-7.2%	0.1%	
20	0.313	109	250	30000	15.28	10.4601	25.74	16.03	9.71184	25.74	0.75	(0.74827)	0.00	4.9%	-7.2%	0.0%	
21	0.476	165	400	50000	17.16	15.8341	32.99	18.25	14.7014	32.95	1.09	(1.13270)	(0.04)	6.4%	-7.2%	-0.1%	
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast														
23	0.083	29	70	5800	9.41	2.78296	12.19	9.63	2.58388	12.21	0.22	(0.19908)	0.02	2.3%	-7.2%	0.2%	
24	0.117	41	100	9500	10.11	3.93454	14.04	10.4	3.65308	14.05	0.29	(0.28146)	0.01	2.9%	-7.2%	0.1%	
25	0.171	59	150	16000	10.8	5.66189	16.46	11.24	5.25687	16.50	0.44	(0.40502)	0.04	4.1%	-7.2%	0.2%	
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast														
27	0.246	85	200	22000	12.64	8.15696	20.8	13.25	7.57345	20.82	0.61	(0.58351)	0.02	4.8%	-7.2%	0.1%	
28	0.313	109	250	30000	14.31	10.4601	24.77	15.06	9.71184	24.77	0.75	(0.74827)	0.00	5.2%	-7.2%	0.0%	
29	0.476	165	400	50000	16.21	15.8341	32.04	17.31	14.7014	32.01	1.10	(1.13270)	(0.03)	6.8%	-7.2%	-0.1%	
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast														
31	0.083	29	70	5800	15.25	2.78296	18.03	15.47	2.58388	18.05	0.22	(0.19908)	0.02	1.4%	-7.2%	0.1%	
32	0.117	41	100	9500	15.81	3.93454	19.74	16.1	3.65308	19.75	0.29	(0.28146)	0.01	1.8%	-7.2%	0.1%	
33	0.171	59	150	16000	16.41	5.66189	22.07	16.84	5.25687	22.10	0.43	(0.40502)	0.03	2.6%	-7.2%	0.1%	
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast														
35	0.246	85	200	22000	19.24	8.15696	27.4	19.85	7.57345	27.42	0.61	(0.58351)	0.02	3.2%	-7.2%	0.1%	
36	0.313	109	250	30000	20.22	10.4601	30.68	20.97	9.71184	30.68	0.75	(0.74827)	0.00	3.7%	-7.2%	0.0%	
37	0.476	165	400	50000	24.21	15.8341	40.04	25.3	14.7014	40.00	1.09	(1.13270)	(0.04)	4.5%	-7.2%	-0.1%	
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast														
39	0.083	29	70	5800	10.28	2.78296	13.06	10.5	2.58388	13.08	0.22	(0.19908)	0.02	2.1%	-7.2%	0.2%	
40	0.117	41	100	9500	10.78	3.93454	14.71	11.07	3.65308	14.72	0.29	(0.28146)	0.01	2.7%	-7.2%	0.1%	
41	0.171	59	150	16000	11.78	5.66189	17.44	12.22	5.25687	17.48	0.44	(0.40502)	0.04	3.7%	-7.2%	0.2%	
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast														
43	0.246	85	200	22000	13.01	8.15696	21.17	13.62	7.57345	21.19	0.61	(0.58351)	0.02	4.7%	-7.2%	0.1%	
44	0.313	109	250	30000	15.27	10.4601	25.73	16.01	9.71184	25.72	0.74	(0.74827)	(0.01)	4.8%	-7.2%	0.0%	
45	0.476	165	400	50000	16.66	15.8341	32.49	17.75	14.7014	32.45	1.09	(1.13270)	(0.04)	6.5%	-7.2%	-0.1%	
46			LS-1, LPSV, Class A														
47	0.088	31	55	8000	14.5	2.97489	17.47	14.73	2.76208	17.49	0.23	(0.21281)	0.02	1.6%	-7.2%	0.1%	
48	0.145	50	90	13500	16.27	4.79821	21.07	16.65	4.45497	21.10	0.38	(0.34324)	0.03	2.3%	-7.2%	0.1%	
49	0.206	71	135	22500	17.58	6.81346	24.39	18.1	6.32606	24.43	0.52	(0.48740)	0.04	3.0%	-7.2%	0.2%	
50	0.235	82	180	33000	19.94	7.86907	27.81	20.52	7.30615	27.83	0.58	(0.56292)	0.02	2.9%	-7.2%	0.1%	
51			LS-1, LPSV, Class B, 1-Lamp														
52	0.088	31	55	8000	14.67	2.97489	17.64	14.9	2.76208	17.66	0.23	(0.21281)	0.02	1.6%	-7.2%	0.1%	
53	0.145	50	90	13500	16.44	4.79821	21.24	16.82	4.45497	21.27	0.38	(0.34324)	0.03	2.3%	-7.2%	0.1%	
54	0.206	71	135	22500	17.72	6.81346	24.53	18.23	6.32606	24.56	0.51	(0.48740)	0.03	2.9%	-7.2%	0.1%	
55	0.235	82	180	33000	19.70	7.86907	27.94	20.65	7.30615	27.96	0.58	(0.56292)	0.02	2.9%	-7.2%	0.1%	
56			LS-1, LPSV, Class B, 2-Lamp														
57	0.088	31	55	8000	14.03	2.97489	17	14.26	2.76208	17.02	0.23	(0.21281)	0.02	1.6%	-7.2%	0.1%	
58	0.145	50	90	13500	15.8	4.79821	20.6	16.17	4.45497	20.62	0.37	(0.34324)	0.02	2.3%	-7.2%	0.1%	
59	0.206	71	135	22500	17.31	6.81346	24.12	17.82	6.32606	24.15	0.51	(0.48740)	0.03	2.9%	-7.2%	0.1%	
60	0.235	82	180	33000	19.66	7.86907	27.53	20.24	7.30615	27.55	0.58	(0.56292)	0.02	3.0%	-7.2%	0.1%	
61			LS-1, LPSV, Class C, 1-Lamp														
62	0.088	31	55	8000	17.75	2.97489	20.72	17.98	2.76208	20.74	0.23	(0.21281)	0.02	1.3%	-7.2%	0.1%	
63	0.145	50	90	13500	18.85	4.79821	23.65	19.23	4.45497	23.68	0.38	(0.34324)	0.03	2.0%	-7.2%	0.1%	
64	0.206	71	135	22500	21.42	6.81346	28.23	21.93	6.32606	28.26	0.51	(0.48740)	0.03	2.4%	-7.2%	0.1%	
65	0.235	82	180	33000	22.34	7.86907	30.21	22.92	7.30615	30.23	0.58	(0.56292)	0.02	2.6%	-7.2%	0.1%	
66			LS-1, LPSV, Class C, 2-Lamp														
67	0.088	31	55	8000	14.13	2.97489	17.1	14.36	2.76208	17.12	0.23	(0.21281)	0.02	1.6%	-7.2%	0.1%	
68	0.145	50	90	13500	15.92	4.79821	20.72	16.3	4.45497	20.75	0.38	(0.34324)	0.03	2.4%	-7.2%	0.1%	
69	0.206	71	135	22500	17.64	6.81346	24.45	18.16	6.32606	24.49	0.52	(0.48740)	0.04	2.9%	-7.2%	0.2%	
70	0.235	82	180	33000	19.73	7.86907	27.6	20.31	7.30615	27.62	0.58	(0.56292)	0.02	2.9%	-7.2%	0.1%	
71																	

REBUTTAL ATTACHMENT M

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 Hours per year 4,165  
 Hours per month 347  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 2			Change			% Change		
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate
101	0.780	271	700	35000	12.64	26.0063	38.65	14.91	24.146	39.06	2.27	(1.86037)	0.41	18.0%	-7.2%	1.1%
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast													
103	0.210	73	175	7000	5.82	7.00539	12.83	6.33	6.50426	12.83	0.51	(0.50113)	0.00	8.8%	-7.2%	0.0%
104	0.292	101	250	10000	6.94	9.69239	16.63	7.65	8.99904	16.65	0.71	(0.69335)	0.02	10.2%	-7.2%	0.1%
105	0.460	160	400	20000	9.33	15.3543	24.68	10.38	14.2559	24.64	1.05	(1.09838)	(0.04)	11.3%	-7.2%	-0.2%
106			LS-2, Mercury Vapor, Rate B, Series Service													
107	0.207	72	175	7000	6.11	6.90943	13.02	7.11	6.41516	13.53	1.00	(0.49427)	0.51	16.4%	-7.2%	3.9%
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast													
109	0.058	20	50	4000	2.2	1.91929	4.12	2.37	1.78199	4.15	0.17	(0.13730)	0.03	7.7%	-7.2%	0.7%
110	0.101	35	70	5800	2.8	3.35875	6.16	3.06	3.11848	6.18	0.26	(0.24027)	0.02	9.3%	-7.2%	0.3%
111	0.141	49	100	9500	3.36	4.70225	8.06	3.72	4.36587	8.09	0.36	(0.33638)	0.03	10.7%	-7.2%	0.4%
112	0.193	67	150	16000	4.09	6.42961	10.52	4.57	5.96966	10.54	0.48	(0.45995)	0.02	11.7%	-7.2%	0.2%
113	0.246	85	200	22000	4.82	8.15696	12.98	5.42	7.57345	12.99	0.60	(0.58351)	0.01	12.4%	-7.2%	0.1%
114	0.313	109	250	30000	5.77	10.4601	16.23	6.51	9.71184	16.22	0.74	(0.74827)	(0.01)	12.8%	-7.2%	-0.1%
115	0.383	133	310	37000	6.74	12.7633	19.5	7.63	11.8502	19.48	0.89	(0.91302)	(0.02)	13.2%	-7.2%	-0.1%
116	0.476	165	400	50000	8.04	15.8341	23.87	9.13	14.7014	23.83	1.09	(1.13270)	(0.04)	13.6%	-7.2%	-0.2%
117	1.102	382	1000	140000	16.79	36.6584	53.45	19.26	34.036	53.30	2.47	(2.62237)	(0.15)	14.7%	-7.2%	-0.3%
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast													
119	0.050	17	50	4000	2.07	1.63139	3.7	2.24	1.51469	3.75	0.17	(0.11670)	0.05	8.2%	-7.2%	1.4%
120	0.083	29	70	5800	2.56	2.78296	5.34	2.78	2.58388	5.36	0.22	(0.19908)	0.02	8.6%	-7.2%	0.4%
121	0.117	41	100	9500	3.04	3.93454	6.97	3.33	3.65308	6.98	0.29	(0.28146)	0.01	9.5%	-7.2%	0.1%
122	0.171	59	150	16000	3.77	5.66189	9.43	4.21	5.25687	9.47	0.44	(0.40502)	0.04	11.7%	-7.2%	0.6%
123			LS-2, HPSV, Rate A, Series Service													
124	0.064	22	50	4000	2.61	2.11121	4.72	3.3	1.96019	5.26	0.69	(0.15102)	0.54	26.4%	-7.2%	11.4%
125	0.108	37	70	5800	3.23	3.55068	6.78	4	3.29688	7.30	0.77	(0.25400)	0.52	23.8%	-7.2%	7.7%
126	0.121	42	100	9500	3.42	4.0305	7.45	4.22	3.74218	7.96	0.80	(0.28832)	0.51	23.4%	-7.2%	6.8%
127	0.174	60	150	16000	4.14	5.75786	9.9	5.09	5.34597	10.44	0.95	(0.41189)	0.54	22.9%	-7.2%	5.5%
128	0.233	81	200	22000	4.98	7.77311	12.75	6.05	7.21705	13.27	1.07	(0.55606)	0.52	21.5%	-7.2%	4.1%
129	0.313	109	250	30,000	6.09	10.4601	16.55	7.35	9.71184	17.06	1.26	(0.74827)	0.51	20.7%	-7.2%	3.1%
130			LS-2, HPSV, Rate B, Regulator Ballast													
131	0.058	20	50	4000	3.69	1.91929	5.61	3.86	1.78199	5.64	0.17	(0.13730)	0.03	4.6%	-7.2%	0.5%
132	0.101	35	70	5800	4.29	3.35875	7.65	4.55	3.11848	7.67	0.26	(0.24027)	0.02	6.1%	-7.2%	0.3%
133	0.141	49	100	9500	4.85	4.70225	9.55	5.21	4.36587	9.58	0.36	(0.33638)	0.03	7.4%	-7.2%	0.3%
134	0.193	67	150	16000	5.57	6.42961	12	6.06	5.96966	12.03	0.49	(0.45995)	0.03	8.8%	-7.2%	0.2%
135	0.246	85	200	22000	6.3	8.15696	14.46	6.91	7.57345	14.48	0.61	(0.58351)	0.02	9.7%	-7.2%	0.1%
136	0.313	109	250	30000	7.25	10.4601	17.71	8	9.71184	17.71	0.75	(0.74827)	0.00	10.3%	-7.2%	0.0%
137	0.383	133	310	37000	8.23	12.7633	20.99	9.12	11.8502	20.97	0.89	(0.91302)	(0.02)	10.8%	-7.2%	-0.1%
138	0.476	165	400	50000	9.53	15.8341	25.36	10.62	14.7014	25.32	1.09	(1.13270)	(0.04)	11.4%	-7.2%	-0.2%
139	1.102	382	1000	140000	18.28	36.6584	54.94	20.75	34.036	54.79	2.47	(2.62237)	(0.15)	13.5%	-7.2%	-0.3%
140			LS-2, HPSV, Rate B, Reactor Ballast													
141	0.050	17	50	4000	3.56	1.63139	5.19	3.72	1.51469	5.23	0.16	(0.11670)	0.04	4.5%	-7.2%	0.8%
142	0.083	29	70	5800	4.05	2.78296	6.83	4.27	2.58388	6.85	0.22	(0.19908)	0.02	5.4%	-7.2%	0.3%
143	0.117	41	100	9500	4.53	3.93454	8.46	4.81	3.65308	8.46	0.28	(0.28146)	0.00	6.2%	-7.2%	0.0%
144	0.171	59	150	16000	5.26	5.66189	10.92	5.7	5.25687	10.96	0.44	(0.40502)	0.04	8.4%	-7.2%	0.4%
145			LS-2, HPSV, Rate B, Series Service													
146	0.064	22	50	4000	4.1	2.11121	6.21	4.79	1.96019	6.75	0.69	(0.15102)	0.54	16.8%	-7.2%	6.7%
147	0.108	37	70	5800	4.71	3.55068	8.26	5.49	3.29688	8.79	0.78	(0.25400)	0.53	16.6%	-7.2%	8.4%
148	0.121	42	100	9500	4.9	4.0305	8.93	5.71	3.74218	9.45	0.81	(0.28832)	0.52	16.5%	-7.2%	5.8%
149	0.174	60	150	16000	5.63	5.75786	11.39	6.58	5.34597	11.93	0.95	(0.41189)	0.54	16.9%	-7.2%	4.7%
150	0.233	81	200	22000	6.46	7.77311	14.23	7.54	7.21705	14.76	1.08	(0.55606)	0.53	16.7%	-7.2%	3.7%
151	0.313	109	250	30,000	7.58	10.4601	18.04	8.84	9.71184	18.55	1.26	(0.74827)	0.51	16.6%	-7.2%	2.8%
152			LS-2, LPSV, Rate A													
153	0.067	23	35	4800	2.32	2.20718	4.53	2.52	2.04929	4.57	0.20	(0.15789)	0.04	8.6%	-7.2%	0.9%
154	0.088	31	55	8000	2.63	2.97489	5.6	2.86	2.76208	5.62	0.23	(0.21281)	0.02	8.7%	-7.2%	0.4%
155	0.145	50	90	13500	3.41	4.79821	8.21	3.79	4.45497	8.24	0.38	(0.34324)	0.03	11.1%	-7.2%	0.4%
156	0.206	71	135	22500	4.26	6.81346	11.07	4.77	6.32606	11.10	0.51	(0.48740)	0.03	12.0%	-7.2%	0.3%
157	0.235	82	180	33000	4.68	7.86907	12.55	5.26	7.30615	12.57	0.58	(0.56292)	0.02	12.4%	-7.2%	0.2%
158			LS-2, LPSV, Rate A, Series Service													
159	0.050	17	35	4800	2.4	1.63139	4.03	3.07	1.51469	4.58	0.67	(0.11670)	0.55	27.9%	-7.2%	13.6%
160	0.072	25	55	8000	2.73	2.39911	5.13	3.44	2.22749	5.67	0.71	(0.17162)	0.54	26.0%	-7.2%	10.5%
161	0.130	45	90	13500	3.54	4.31839	7.86	4.38	4.00947	8.39	0.84	(0.30892)	0.53	23.7%	-7.2%	6.7%
162	0.185	64	135	22500	4.31	6.14171	10.45	5.27	5.70236	10.97	0.96	(0.43935)	0.52	22.3%	-7.2%	5.0%
163	0.219	76	180	33000	4.78	7.29329	12.07	5.82	6.77156	12.59	1.04	(0.52173)	0.52	21.8%	-7.2%	4.3%
164			LS-2, Incandescent Lamps, Rate A, Energy Only													
165	0.073	25	1,000		2.41	2.39911	4.81	2.61	2.22749	4.84	0.20	(0.17162)	0.03	8.3%	-7.2%	0.6%
166	0.162	56	2,500		3.65	5.374	9.02	4.07	4.98957	9.06	0.42	(0.38443)	0.04	11.5%	-7.2%	0.4%
167	0.295	102	4,000		5.5	9.78836	15.29	6.2	9.08814	15.29	0.70	(0.70022)	0.00	12.7%	-7.2%	0.0%
168	0.405	141	6,000		7.06	13.531	20.59	7.99	12.563	20.55	0.93	(0.96795)	(0.04)	13.2%	-7.2%	-0.2%
169	0.608	211	10,000		9.89	20.2485	30.14	11.28	18.8	30.08	1.39	(1.44849)	(0.06)	14.1%	-7.2%	-0.2%
170																



**REBUTTAL ATTACHMENT M**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 2**

**SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
Hours per year 4,165  
Hours per month 347  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 2			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
283			LS-3 (CLOSED)														
284			Energy Charge (\$/kWh)		0.069	0.09596	0.16496	0.0835	0.0891	0.17260	0.01450	(0.00686)	0.00764	21.0%	-7.1%	4.6%	
285			Minimum Charge (\$/month)		9.1		9.1	9.10		9.10	0.00		0.00	0.0%		0.0%	
286																	
287			OL-1, HPSV, Rate A, Street Light Luminaire — React														
288	0.117	41	100	9500	13.09	3.93454	17.02	13.38	3.65308	17.03	0.29	(0.28146)	0.01	2.2%	-7.2%	0.1%	
289	0.171	59	150	16000	13.79	5.66189	19.45	14.23	5.25687	19.49	0.44	(0.40502)	0.04	3.2%	-7.2%	0.2%	
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regule														
291	0.313	109	250	30000	17.65	10.4601	28.11	18.4	9.71184	28.11	0.75	(0.74827)	0.00	4.2%	-7.2%	0.0%	
292	0.476	165	400	50000	19.56	15.8341	35.39	20.65	14.7014	35.35	1.09	(1.13270)	(0.04)	5.6%	-7.2%	-0.1%	
293	1.102	382	1000	140000	28.64	36.6584	65.3	31.11	34.036	65.15	2.47	(2.62237)	(0.15)	8.6%	-7.2%	-0.2%	
294			OL-1, HPSV, Rate B, Directional Luminaire														
295	0.313	109	250	30000	18.81	10.4601	29.27	19.56	9.71184	29.27	0.75	(0.74827)	0.00	4.0%	-7.2%	0.0%	
296	0.476	165	400	50000	21.35	15.8341	37.18	22.44	14.7014	37.14	1.09	(1.13270)	(0.04)	5.1%	-7.2%	-0.1%	
297	1.102	382	1000	140000	32.93	36.6584	69.59	35.4	34.036	69.44	2.47	(2.62237)	(0.15)	7.5%	-7.2%	-0.2%	
298			OL-1, LPSV, Rate A, Street Light Luminaire														
299	0.088	31	55	8000	17.65	2.97489	20.62	17.88	2.76208	20.64	0.23	(0.21281)	0.02	1.3%	-7.2%	0.1%	
300	0.145	50	90	13000	19.72	4.79821	24.52	20.09	4.45497	24.54	0.37	(0.34324)	0.02	1.9%	-7.2%	0.1%	
301	0.206	71	135	22500	21.17	6.81346	27.98	21.69	6.32606	28.02	0.52	(0.48740)	0.04	2.5%	-7.2%	0.1%	
302	0.235	82	180	33000	24.12	7.86907	31.99	24.7	7.30615	32.01	0.58	(0.56292)	0.02	2.4%	-7.2%	0.1%	
303			OL-1 Pole in Non-Standard Position														
304			30-foot		13.91		13.91	13.91		13.91	0.00		0.00	0.0%		0.0%	
305			35-foot		14.54		14.54	14.54		14.54	0.00		0.00	0.0%		0.0%	
306			OL-2														
307			Energy Charge (\$/kwh)		0.11463	0.09614	0.21077	0.14182	0.08902	0.23084	0.02719	(0.00712)	0.02007	23.7%	-7.4%	9.5%	
308			Basic Service Fee (\$/month)		13.76		13.76	13.76		13.76	0.00		0.00	0.0%		0.0%	
309																	
310			DWL, Facilities Charges														
311			\$ of Utility Investment		0.0115			0.0115			0.0000			0.0%			
312			DWL, Energy and Lamp Maintenance Charge														
313	0.059	20	50	Watt HPSV	3.7	1.91929	5.62	3.86	1.78199	5.64	0.16	(0.13730)	0.02	4.3%	-7.2%	0.4%	
314			DWL, Minimum Charge		59.58		59.58	59.58		59.58	0.00		0.00	0.0%		0.0%	

**ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES  
FOR YEAR 3**

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.36030	0.48889	0.12859	35.7%
12	Above 400% of Baseline	\$/kWh	0.50672	0.48889	(0.01783)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.29264	0.41747	0.12483	42.7%
17	Above 400% of Baseline	\$/kWh	0.41156	0.41747	0.00591	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
19		Min Bill kWhr				
1	<b>SCHEDULE DR Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.22732	0.30844	0.08112	35.7%
12	Above 400% of Baseline	\$/kWh	0.31969	0.30844	(0.01125)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.18463	0.26338	0.07875	42.7%
17	Above 400% of Baseline	\$/kWh	0.25966	0.26338	0.00372	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DR -LI (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
10	101% to 130% of Baseline	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
11	131% to 400% of Baseline	\$/kWh	0.35285	0.48102	0.12817	36.3%
12	Above 400% of Baseline	\$/kWh	0.49927	0.48102	(0.01825)	-3.7%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
15	101% to 130% of Baseline	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
16	131% to 400% of Baseline	\$/kWh	0.28519	0.40960	0.12441	43.6%
17	Above 400% of Baseline	\$/kWh	0.40411	0.40960	0.00549	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				



**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR -LI (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.35811	0.48641	0.12830	35.8%
12	Above 400% of Baseline	\$/kWh	0.50453	0.48641	(0.01812)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.29045	0.41499	0.12454	42.9%
17	Above 400% of Baseline	\$/kWh	0.40937	0.41499	0.00562	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.36030	0.48889	0.12859	35.7%
12	Above 400% of Baseline	\$/kWh	0.50672	0.48889	(0.01783)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.29264	0.41747	0.12483	42.7%
17	Above 400% of Baseline	\$/kWh	0.41156	0.41747	0.00591	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
19		Min Bill kWhr				
1	<b>SCHEDULE DM Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.22732	0.30844	0.08112	35.7%
12	Above 400% of Baseline	\$/kWh	0.31969	0.30844	(0.01125)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.18463	0.26338	0.07875	42.7%
17	Above 400% of Baseline	\$/kWh	0.25966	0.26338	0.00372	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DM CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
10	101% to 130% of Baseline	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
11	131% to 400% of Baseline	\$/kWh	0.35285	0.48102	0.12817	36.3%
12	Above 400% of Baseline	\$/kWh	0.49927	0.48102	(0.01825)	-3.7%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
15	101% to 130% of Baseline	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
16	131% to 400% of Baseline	\$/kWh	0.28519	0.40960	0.12441	43.6%
17	Above 400% of Baseline	\$/kWh	0.40411	0.40960	0.00549	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DM CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.36030	0.48889	0.12859	35.7%
12	Above 400% of Baseline	\$/kWh	0.50672	0.48889	(0.01783)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.29264	0.41747	0.12483	42.7%
17	Above 400% of Baseline	\$/kWh	0.41156	0.41747	0.00591	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
19		Min Bill kWhr				
1	<b>SCHEDULE DS Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.22732	0.30844	0.08112	35.7%
12	Above 400% of Baseline	\$/kWh	0.31969	0.30844	(0.01125)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.18463	0.26338	0.07875	42.7%
17	Above 400% of Baseline	\$/kWh	0.25966	0.26338	0.00372	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				

## REBUTTAL ATTACHMENT N

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
10	101% to 130% of Baseline	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
11	131% to 400% of Baseline	\$/kWh	0.35285	0.48102	0.12817	36.3%
12	Above 400% of Baseline	\$/kWh	0.49927	0.48102	(0.01825)	-3.7%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
15	101% to 130% of Baseline	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
16	131% to 400% of Baseline	\$/kWh	0.28519	0.40960	0.12441	43.6%
17	Above 400% of Baseline	\$/kWh	0.40411	0.40960	0.00549	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DS (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DS FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.35811	0.48641	0.12830	35.8%
12	Above 400% of Baseline	\$/kWh	0.50453	0.48641	(0.01812)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.29045	0.41499	0.12454	42.9%
17	Above 400% of Baseline	\$/kWh	0.40937	0.41499	0.00562	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.164	(0.172)	-51.2%
19		Min Bill kWhr				

## REBUTTAL ATTACHMENT N

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DS FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
20	Unit Discount	\$/Day	(0.130)	(0.130)	0.000	0.0%
1	<b>SCHEDULE DT (CLOSED)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.36030	0.48889	0.12859	35.7%
12	Above 400% of Baseline	\$/kWh	0.50672	0.48889	(0.01783)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.29264	0.41747	0.12483	42.7%
17	Above 400% of Baseline	\$/kWh	0.41156	0.41747	0.00591	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
19		Min Bill kWhr				
1	<b>SCHEDULE DT Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.22732	0.30844	0.08112	35.7%
12	Above 400% of Baseline	\$/kWh	0.31969	0.30844	(0.01125)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.18463	0.26338	0.07875	42.7%
17	Above 400% of Baseline	\$/kWh	0.25966	0.26338	0.00372	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
10	101% to 130% of Baseline	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
11	131% to 400% of Baseline	\$/kWh	0.35285	0.48102	0.12817	36.3%
12	Above 400% of Baseline	\$/kWh	0.49927	0.48102	(0.01825)	-3.7%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
15	101% to 130% of Baseline	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
16	131% to 400% of Baseline	\$/kWh	0.28519	0.40960	0.12441	43.6%
17	Above 400% of Baseline	\$/kWh	0.40411	0.40960	0.00549	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DT CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DT FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.35811	0.48641	0.12830	35.8%
12	Above 400% of Baseline	\$/kWh	0.50453	0.48641	(0.01812)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.29045	0.41499	0.12454	42.9%
17	Above 400% of Baseline	\$/kWh	0.40937	0.41499	0.00562	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.164	(0.172)	-51.2%
19		Min Bill kWhr				

## REBUTTAL ATTACHMENT N

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
20	Space Discount	\$/Day	(0.272)	(0.272)	0.000	0.0%
1	<b>SCHEDULE DT-RV</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.26547	0.23707	(0.02840)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.36030	0.48889	0.12859	35.7%
12	Above 400% of Baseline	\$/kWh	0.50672	0.48889	(0.01783)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.21562	0.20243	(0.01319)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.29264	0.41747	0.12483	42.7%
17	Above 400% of Baseline	\$/kWh	0.41156	0.41747	0.00591	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
10	101% to 130% of Baseline	\$/kWh	0.22704	0.20275	(0.02429)	-10.7%
11	131% to 400% of Baseline	\$/kWh	0.22732	0.30844	0.08112	35.7%
12	Above 400% of Baseline	\$/kWh	0.31969	0.30844	(0.01125)	-3.5%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
15	101% to 130% of Baseline	\$/kWh	0.18440	0.17313	(0.01127)	-6.1%
16	131% to 400% of Baseline	\$/kWh	0.18463	0.26338	0.07875	42.7%
17	Above 400% of Baseline	\$/kWh	0.25966	0.26338	0.00372	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
10	101% to 130% of Baseline	\$/kWh	0.25802	0.22920	(0.02882)	-11.2%
11	131% to 400% of Baseline	\$/kWh	0.35285	0.48102	0.12817	36.3%
12	Above 400% of Baseline	\$/kWh	0.49927	0.48102	(0.01825)	-3.7%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
15	101% to 130% of Baseline	\$/kWh	0.20817	0.19456	(0.01361)	-6.5%
16	131% to 400% of Baseline	\$/kWh	0.28519	0.40960	0.12441	43.6%
17	Above 400% of Baseline	\$/kWh	0.40411	0.40960	0.00549	1.4%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DT-RV FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.26328	0.23459	(0.02869)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.35811	0.48641	0.12830	35.8%
12	Above 400% of Baseline	\$/kWh	0.50453	0.48641	(0.01812)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.21343	0.19995	(0.01348)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.29045	0.41499	0.12454	42.9%
17	Above 400% of Baseline	\$/kWh	0.40937	0.41499	0.00562	1.4%
18	Minimum Bill	Min Bill \$/Day	0.336	0.164	(0.172)	-51.2%
19		Min Bill kWhr				



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### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DT-RV FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	Baseline Energy	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
10	101% to 130% of Baseline	\$/kWh	0.22485	0.20027	(0.02458)	-10.9%
11	131% to 400% of Baseline	\$/kWh	0.22513	0.30596	0.08083	35.9%
12	Above 400% of Baseline	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
13	Winter Energy					
14	Baseline Energy	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
15	101% to 130% of Baseline	\$/kWh	0.18221	0.17065	(0.01156)	-6.3%
16	131% to 400% of Baseline	\$/kWh	0.18244	0.26090	0.07846	43.0%
17	Above 400% of Baseline	\$/kWh	0.25747	0.26090	0.00343	1.3%
18	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
19		Min Bill kWhr				
1	<b>SCHEDULE DR-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.39955	0.33209	(0.06746)	-16.9%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.39955	0.33209	(0.06746)	-16.9%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.54228	0.68485	0.14257	26.3%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.68870	0.68485	(0.00385)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.22972	0.21121	(0.01851)	-8.1%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.22972	0.21121	(0.01851)	-8.1%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.31179	0.43557	0.12378	39.7%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.45821	0.43557	(0.02264)	-4.9%
17	Off-Peak: Baseline Energy	\$/kWh	0.18902	0.18326	(0.00576)	-3.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18902	0.18326	(0.00576)	-3.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25655	0.37793	0.12138	47.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.40297	0.37793	(0.02504)	-6.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.20680	0.19290	(0.01390)	-6.7%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.20680	0.19290	(0.01390)	-6.7%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.28067	0.39780	0.11713	41.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.42709	0.39780	(0.02929)	-6.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.19896	0.18828	(0.01068)	-5.4%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19896	0.18828	(0.01068)	-5.4%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.27003	0.38829	0.11826	43.8%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.41645	0.38829	(0.02816)	-6.8%
30	Off-Peak: Baseline Energy	\$/kWh	0.19123	0.18351	(0.00772)	-4.0%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.19123	0.18351	(0.00772)	-4.0%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25954	0.37845	0.11891	45.8%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.40596	0.37845	(0.02751)	-6.8%
34	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.34171	0.28402	(0.05769)	-16.9%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.34171	0.28402	(0.05769)	-16.9%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.34213	0.43207	0.08994	26.3%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.43450	0.43207	(0.00243)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19647	0.18064	(0.01583)	-8.1%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19647	0.18064	(0.01583)	-8.1%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19671	0.27480	0.07809	39.7%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.28908	0.27480	(0.01428)	-4.9%
17	Off-Peak: Baseline Energy	\$/kWh	0.16166	0.15673	(0.00493)	-3.0%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16166	0.15673	(0.00493)	-3.0%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16186	0.23844	0.07658	47.3%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.25423	0.23844	(0.01579)	-6.2%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17686	0.16497	(0.01189)	-6.7%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17686	0.16497	(0.01189)	-6.7%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.17708	0.25097	0.07389	41.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.26945	0.25097	(0.01848)	-6.9%
26	Semi-Peak: Baseline Energy	\$/kWh	0.17016	0.16103	(0.00913)	-5.4%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.17016	0.16103	(0.00913)	-5.4%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.17036	0.24497	0.07461	43.8%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.26274	0.24497	(0.01777)	-6.8%
30	Off-Peak: Baseline Energy	\$/kWh	0.16355	0.15695	(0.00660)	-4.0%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16355	0.15695	(0.00660)	-4.0%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16375	0.23876	0.07501	45.8%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.25612	0.23876	(0.01736)	-6.8%
34	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT N**

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SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.39210	0.32422	(0.06788)	-17.3%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.39210	0.32422	(0.06788)	-17.3%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.53483	0.67698	0.14215	26.6%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.68125	0.67698	(0.00427)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.22227	0.20334	(0.01893)	-8.5%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.22227	0.20334	(0.01893)	-8.5%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.30434	0.42770	0.12336	40.5%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.45076	0.42770	(0.02306)	-5.1%
17	Off-Peak: Baseline Energy	\$/kWh	0.18157	0.17539	(0.00618)	-3.4%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18157	0.17539	(0.00618)	-3.4%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.24910	0.37006	0.12096	48.6%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.39552	0.37006	(0.02546)	-6.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.19935	0.18503	(0.01432)	-7.2%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.19935	0.18503	(0.01432)	-7.2%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.27322	0.38993	0.11671	42.7%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.41964	0.38993	(0.02971)	-7.1%
26	Semi-Peak: Baseline Energy	\$/kWh	0.19151	0.18041	(0.01110)	-5.8%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19151	0.18041	(0.01110)	-5.8%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.26258	0.38042	0.11784	44.9%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.40900	0.38042	(0.02858)	-7.0%
30	Off-Peak: Baseline Energy	\$/kWh	0.18378	0.17564	(0.00814)	-4.4%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18378	0.17564	(0.00814)	-4.4%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25209	0.37058	0.11849	47.0%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.39851	0.37058	(0.02793)	-7.0%
34	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU (CARE and Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.33952	0.28154	(0.05798)	-17.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.33952	0.28154	(0.05798)	-17.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.33994	0.42959	0.08965	26.4%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.43231	0.42959	(0.00272)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19428	0.17816	(0.01612)	-8.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19428	0.17816	(0.01612)	-8.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19452	0.27232	0.07780	40.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.28689	0.27232	(0.01457)	-5.1%
17	Off-Peak: Baseline Energy	\$/kWh	0.15947	0.15425	(0.00522)	-3.3%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15947	0.15425	(0.00522)	-3.3%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.15967	0.23596	0.07629	47.8%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.25204	0.23596	(0.01608)	-6.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17467	0.16249	(0.01218)	-7.0%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17467	0.16249	(0.01218)	-7.0%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.17489	0.24849	0.07360	42.1%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.26726	0.24849	(0.01877)	-7.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.16797	0.15855	(0.00942)	-5.6%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.16797	0.15855	(0.00942)	-5.6%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.16817	0.24249	0.07432	44.2%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.26055	0.24249	(0.01806)	-6.9%
30	Off-Peak: Baseline Energy	\$/kWh	0.16136	0.15447	(0.00689)	-4.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16136	0.15447	(0.00689)	-4.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16156	0.23628	0.07472	46.2%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.25393	0.23628	(0.01765)	-7.0%
34	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.39736	0.32961	(0.06775)	-17.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.39736	0.32961	(0.06775)	-17.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.54009	0.68237	0.14228	26.3%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.68651	0.68237	(0.00414)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.22753	0.20873	(0.01880)	-8.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.22753	0.20873	(0.01880)	-8.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.30960	0.43309	0.12349	39.9%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.45602	0.43309	(0.02293)	-5.0%
17	Off-Peak: Baseline Energy	\$/kWh	0.18683	0.18078	(0.00605)	-3.2%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18683	0.18078	(0.00605)	-3.2%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25436	0.37545	0.12109	47.6%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.40078	0.37545	(0.02533)	-6.3%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.20461	0.19042	(0.01419)	-6.9%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.20461	0.19042	(0.01419)	-6.9%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.27848	0.39532	0.11684	42.0%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.42490	0.39532	(0.02958)	-7.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.19677	0.18580	(0.01097)	-5.6%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19677	0.18580	(0.01097)	-5.6%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.26784	0.38581	0.11797	44.0%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.41426	0.38581	(0.02845)	-6.9%
30	Off-Peak: Baseline Energy	\$/kWh	0.18904	0.18103	(0.00801)	-4.2%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.18904	0.18103	(0.00801)	-4.2%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.25735	0.37597	0.11862	46.1%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.40377	0.37597	(0.02780)	-6.9%
34	Minimum Bill	Min Bill \$/Day	0.336	0.164	(0.172)	-51.2%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-TOU FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Summer Energy					
9	On-Peak: Baseline Energy	\$/kWh	0.33952	0.28154	(0.05798)	-17.1%
10	On-Peak: 101% to 130% of Baseline	\$/kWh	0.33952	0.28154	(0.05798)	-17.1%
11	On-Peak: 131% to 400% of Baseline	\$/kWh	0.33994	0.42959	0.08965	26.4%
12	On-Peak: Above 400% of Baseline	\$/kWh	0.43231	0.42959	(0.00272)	-0.6%
13	Semi-Peak: Baseline Energy	\$/kWh	0.19428	0.17816	(0.01612)	-8.3%
14	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.19428	0.17816	(0.01612)	-8.3%
15	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.19452	0.27232	0.07780	40.0%
16	Semi-Peak: Above 400% of Baseline	\$/kWh	0.28689	0.27232	(0.01457)	-5.1%
17	Off-Peak: Baseline Energy	\$/kWh	0.15947	0.15425	(0.00522)	-3.3%
18	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.15947	0.15425	(0.00522)	-3.3%
19	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.15967	0.23596	0.07629	47.8%
20	Off-Peak: Above 400% of Baseline	\$/kWh	0.25204	0.23596	(0.01608)	-6.4%
21	Winter Energy					
22	On-Peak: Baseline Energy	\$/kWh	0.17467	0.16249	(0.01218)	-7.0%
23	On-Peak: 101% to 130% of Baseline	\$/kWh	0.17467	0.16249	(0.01218)	-7.0%
24	On-Peak: 131% to 400% of Baseline	\$/kWh	0.17489	0.24849	0.07360	42.1%
25	On-Peak: Above 400% of Baseline	\$/kWh	0.26726	0.24849	(0.01877)	-7.0%
26	Semi-Peak: Baseline Energy	\$/kWh	0.16797	0.15855	(0.00942)	-5.6%
27	Semi-Peak: 101% to 130% of Baseline	\$/kWh	0.16797	0.15855	(0.00942)	-5.6%
28	Semi-Peak: 131% to 400% of Baseline	\$/kWh	0.16817	0.24249	0.07432	44.2%
29	Semi-Peak: Above 400% of Baseline	\$/kWh	0.26055	0.24249	(0.01806)	-6.9%
30	Off-Peak: Baseline Energy	\$/kWh	0.16136	0.15447	(0.00689)	-4.3%
31	Off-Peak: 101% to 130% of Baseline	\$/kWh	0.16136	0.15447	(0.00689)	-4.3%
32	Off-Peak: 131% to 400% of Baseline	\$/kWh	0.16156	0.23628	0.07472	46.2%
33	Off-Peak: Above 400% of Baseline	\$/kWh	0.25393	0.23628	(0.01765)	-7.0%
34	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
35	Baseline Adjustment-Summer	\$/kWh				
36	101% to 130% of BL - Summer	\$/kWh				
37	Baseline Adjustment-Winter	\$/kWh				
38	101% to 130% of BL - Winter	\$/kWh				
39						
1	<b>SCHEDULE DR-SES</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48990	0.51742	0.02752	5.6%
10	Semi-Peak: Summer	\$/kWh	0.25947	0.26818	0.00871	3.4%
11	Off-Peak: Summer	\$/kWh	0.20419	0.21050	0.00631	3.1%
12	On-Peak: Winter	\$/kWh	0.22833	0.23033	0.00200	0.9%
13	Semi-Peak: Winter	\$/kWh	0.21771	0.22090	0.00319	1.5%
14	Off-Peak: Winter	\$/kWh	0.20720	0.21102	0.00382	1.8%
15	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DR-SES Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48464	0.51203	0.02739	5.7%
10	Semi-Peak: Summer	\$/kWh	0.25421	0.26279	0.00858	3.4%
11	Off-Peak: Summer	\$/kWh	0.19893	0.20511	0.00618	3.1%
12	On-Peak: Winter	\$/kWh	0.22307	0.22494	0.00187	0.8%
13	Semi-Peak: Winter	\$/kWh	0.21245	0.21551	0.00306	1.4%
14	Off-Peak: Winter	\$/kWh	0.20194	0.20563	0.00369	1.8%
15	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE DR-SES (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48844	0.51203	0.02359	4.8%
10	Semi-Peak: Summer	\$/kWh	0.25801	0.26279	0.00478	1.9%
11	Off-Peak: Summer	\$/kWh	0.20273	0.20511	0.00238	1.2%
12	On-Peak: Winter	\$/kWh	0.22687	0.22494	(0.00193)	-0.9%
13	Semi-Peak: Winter	\$/kWh	0.21625	0.21551	(0.00074)	-0.3%
14	Off-Peak: Winter	\$/kWh	0.20574	0.20563	(0.00011)	-0.1%
15	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE EV-TOU</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48989	0.51742	0.02753	5.6%
10	Off-Peak: Summer	\$/kWh	0.25944	0.26817	0.00873	3.4%
11	Super Off-Peak: Summer	\$/kWh	0.20414	0.21049	0.00635	3.1%
12	On-Peak: Winter	\$/kWh	0.22833	0.23037	0.00204	0.9%
13	Off-Peak: Winter	\$/kWh	0.21770	0.22090	0.00320	1.5%
14	Super Off-Peak: Winter	\$/kWh	0.20715	0.21101	0.00386	1.9%
15	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%
1	<b>SCHEDULE EV-TOU-2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48989	0.51742	0.02753	5.6%
10	Off-Peak: Summer	\$/kWh	0.25944	0.26817	0.00873	3.4%
11	Super Off-Peak: Summer	\$/kWh	0.20414	0.21049	0.00635	3.1%
12	On-Peak: Winter	\$/kWh	0.22833	0.23037	0.00204	0.9%
13	Off-Peak: Winter	\$/kWh	0.21770	0.22090	0.00320	1.5%
14	Super Off-Peak: Winter	\$/kWh	0.20715	0.21101	0.00386	1.9%
15	Minimum Bill	Min Bill \$/Day	0.336	0.329	(0.007)	-2.1%

## REBUTTAL ATTACHMENT N

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE EV-TOU-2 Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48463	0.51203	0.02740	5.7%
10	Off-Peak: Summer	\$/kWh	0.25418	0.26278	0.00860	3.4%
11	Super Off-Peak: Summer	\$/kWh	0.19888	0.20510	0.00622	3.1%
12	On-Peak: Winter	\$/kWh	0.22307	0.22498	0.00191	0.9%
13	Off-Peak: Winter	\$/kWh	0.21244	0.21551	0.00307	1.4%
14	Super Off-Peak: Winter	\$/kWh	0.20189	0.20562	0.00373	1.8%
15	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE EV-TOU-2 (CARE)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.48843	0.51203	0.02360	4.8%
10	Off-Peak: Summer	\$/kWh	0.25798	0.26278	0.00480	1.9%
11	Super Off-Peak: Summer	\$/kWh	0.20268	0.20510	0.00242	1.2%
12	On-Peak: Winter	\$/kWh	0.22687	0.22498	(0.00189)	-0.8%
13	Off-Peak: Winter	\$/kWh	0.21624	0.21551	(0.00073)	-0.3%
14	Super Off-Peak: Winter	\$/kWh	0.20569	0.20562	(0.00007)	0.0%
15	Minimum Bill	Min Bill \$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE TOU-DR</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.41656	0.54626	0.12970	31.1%
10	Semi-Peak: Summer	\$/kWh	0.36030	0.48889	0.12859	35.7%
11	Off-Peak: Summer	\$/kWh	0.30465	0.43212	0.12747	41.8%
12	On-Peak: Winter	\$/kWh	0.30290	0.42673	0.12383	40.9%
13	Semi-Peak: Winter	\$/kWh	0.29235	0.41732	0.12497	42.7%
14	Off-Peak: Winter	\$/kWh	0.28192	0.40750	0.12558	44.5%
15	Baseline Adjustment - Summer	\$/kWh	(0.09483)	(0.25182)	(0.15699)	165.5%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.09483)	(0.25182)	(0.15699)	165.5%
17	Baseline Adjustment - Winter	\$/kWh	(0.07702)	(0.21504)	(0.13802)	179.2%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07702)	(0.21504)	(0.13802)	179.2%
19	Minimum Bill	\$/Day	0.336	0.329	(0.007)	-2.1%



**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR (Medical Baseline)</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.28358	0.36581	0.08223	29.0%
10	Semi-Peak: Summer	\$/kWh	0.22732	0.30844	0.08112	35.7%
11	Off-Peak: Summer	\$/kWh	0.17167	0.25167	0.08000	46.6%
12	On-Peak: Winter	\$/kWh	0.19489	0.27264	0.07775	39.9%
13	Semi-Peak: Winter	\$/kWh	0.18434	0.26323	0.07889	42.8%
14	Off-Peak: Winter	\$/kWh	0.17391	0.25341	0.07950	45.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.00028)	(0.10569)	(0.10541)	37646.4%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.00028)	(0.10569)	(0.10541)	37646.4%
17	Baseline Adjustment - Winter	\$/kWh	(0.00023)	(0.09025)	(0.09002)	39139.1%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.00023)	(0.09025)	(0.09002)	39139.1%
19	Minimum Bill	\$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE TOU-DR CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.40911	0.53839	0.12928	31.6%
10	Semi-Peak: Summer	\$/kWh	0.35285	0.48102	0.12817	36.3%
11	Off-Peak: Summer	\$/kWh	0.29720	0.42425	0.12705	42.7%
12	On-Peak: Winter	\$/kWh	0.29545	0.41886	0.12341	41.8%
13	Semi-Peak: Winter	\$/kWh	0.28490	0.40945	0.12455	43.7%
14	Off-Peak: Winter	\$/kWh	0.27447	0.39963	0.12516	45.6%
15	Baseline Adjustment - Summer	\$/kWh	(0.09483)	(0.25182)	(0.15699)	165.5%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.09483)	(0.25182)	(0.15699)	165.5%
17	Baseline Adjustment - Winter	\$/kWh	(0.07702)	(0.21504)	(0.13802)	179.2%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07702)	(0.21504)	(0.13802)	179.2%
19	Minimum Bill	\$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE TOU-DR CARE and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.28139	0.36333	0.08194	29.1%
10	Semi-Peak: Summer	\$/kWh	0.22513	0.30596	0.08083	35.9%
11	Off-Peak: Summer	\$/kWh	0.16948	0.24919	0.07971	47.0%
12	On-Peak: Winter	\$/kWh	0.19270	0.27016	0.07746	40.2%
13	Semi-Peak: Winter	\$/kWh	0.18215	0.26075	0.07860	43.2%
14	Off-Peak: Winter	\$/kWh	0.17172	0.25093	0.07921	46.1%
15	Baseline Adjustment - Summer	\$/kWh	(0.00028)	(0.10569)	(0.10541)	37646.4%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.00028)	(0.10569)	(0.10541)	37646.4%
17	Baseline Adjustment - Winter	\$/kWh	(0.00023)	(0.09025)	(0.09002)	39139.1%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.00023)	(0.09025)	(0.09002)	39139.1%
19	Minimum Bill	\$/Day	0.168	0.164	(0.004)	-2.4%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR FERA</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.56079	0.54378	(0.01701)	-3.0%
10	Semi-Peak: Summer	\$/kWh	0.50453	0.48641	(0.01812)	-3.6%
11	Off-Peak: Summer	\$/kWh	0.44888	0.42964	(0.01924)	-4.3%
12	On-Peak: Winter	\$/kWh	0.41963	0.42425	0.00462	1.1%
13	Semi-Peak: Winter	\$/kWh	0.40908	0.41484	0.00576	1.4%
14	Off-Peak: Winter	\$/kWh	0.39865	0.40502	0.00637	1.6%
15	Baseline Adjustment - Summer	\$/kWh	(0.24125)	(0.25182)	(0.01057)	4.4%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.24125)	(0.25182)	(0.01057)	4.4%
17	Baseline Adjustment - Winter	\$/kWh	(0.19594)	(0.21504)	(0.01910)	9.7%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.19594)	(0.21504)	(0.01910)	9.7%
19	Minimum Bill	\$/Day	0.336	0.164	(0.172)	-51.2%
1	<b>SCHEDULE TOU-DR FERA and Medical Baseline</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.37376	0.36333	(0.01043)	-2.8%
10	Semi-Peak: Summer	\$/kWh	0.31750	0.30596	(0.01154)	-3.6%
11	Off-Peak: Summer	\$/kWh	0.26185	0.24919	(0.01266)	-4.8%
12	On-Peak: Winter	\$/kWh	0.26773	0.27016	0.00243	0.9%
13	Semi-Peak: Winter	\$/kWh	0.25718	0.26075	0.00357	1.4%
14	Off-Peak: Winter	\$/kWh	0.24675	0.25093	0.00418	1.7%
15	Baseline Adjustment - Summer	\$/kWh	(0.09265)	(0.10569)	(0.01304)	14.1%
16	101% to 130% of Baseline - Summer	\$/kWh	(0.09265)	(0.10569)	(0.01304)	14.1%
17	Baseline Adjustment - Winter	\$/kWh	(0.07526)	(0.09025)	(0.01499)	19.9%
18	101% to 130% of Baseline - Winter	\$/kWh	(0.07526)	(0.09025)	(0.01499)	19.9%
19	Minimum Bill	\$/Day	0.168	0.164	(0.004)	-2.4%
1	<b>SCHEDULE TOU-DR-E1</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.70048	0.70048	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.43230	0.43230	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.36793	0.36793	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.43034	0.43034	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.41763	0.41763	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.40508	0.40508	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-DR-E1 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.69509	0.69509	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.42691	0.42691	0.0%
11	Super Off-Peak: Summer	\$/kWh	0.00000	0.36254	0.36254	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.42495	0.42495	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.41224	0.41224	0.0%
14	Super Off-Peak: Winter	\$/kWh	0.00000	0.39969	0.39969	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%
1	<b>SCHEDULE TOU-DR-E2</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.70048	0.70048	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.40790	0.40790	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.43034	0.43034	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.41259	0.41259	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.329	0.329	0.0%
1	<b>SCHEDULE TOU-DR-E2 CARE</b>					
2	Basic Service Fee	\$/Month	0.00	0.00	0.00	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	On-Peak: Summer	\$/kWh	0.00000	0.69509	0.69509	0.0%
10	Off-Peak: Summer	\$/kWh	0.00000	0.40251	0.40251	0.0%
12	On-Peak: Winter	\$/kWh	0.00000	0.42495	0.42495	0.0%
13	Off-Peak: Winter	\$/kWh	0.00000	0.40720	0.40720	0.0%
15	Summer Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
16	Summer 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.25182)	(0.25182)	0.0%
17	Winter Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
18	Winter 101% to 130% of Baseline Adjustment Credit	\$/kWh	0.00000	(0.21504)	(0.21504)	0.0%
19	Minimum Bill	Min Bill \$/Day	0.000	0.164	0.164	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
5	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
6	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
7	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
10	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
11	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
12	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.27845	0.26374	(0.01471)	-5.3%
28	Primary	\$/kWh	0.27742	0.26278	(0.01464)	-5.3%
29	Winter					
30	Secondary	\$/kWh	0.21442	0.19682	(0.01760)	-8.2%
31	Primary	\$/kWh	0.21366	0.19617	(0.01749)	-8.2%
1	<b>Schedule A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
5	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
6	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
7	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
10	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
11	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
12	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer					
27	Secondary	\$/kWh	0.27148	0.20748	(0.06400)	-23.6%
28	Primary	\$/kWh	0.27045	0.20709	(0.06336)	-23.4%
29	Winter					
30	Secondary	\$/kWh	0.20745	0.17270	(0.03475)	-16.8%
31	Primary	\$/kWh	0.20669	0.17231	(0.03438)	-16.6%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
5	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
6	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
7	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
10	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
11	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
12	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.41110	0.34884	(0.06226)	-15.1%
28	Primary	\$/kWh	0.40936	0.34740	(0.06196)	-15.1%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.25098	0.26374	0.01276	5.1%
31	Primary	\$/kWh	0.24999	0.26271	0.01272	5.1%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.21377	0.18706	(0.02671)	-12.5%
34	Primary	\$/kWh	0.21297	0.18640	(0.02657)	-12.5%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.22519	0.20600	(0.01919)	-8.5%
37	Primary	\$/kWh	0.22435	0.20527	(0.01908)	-8.5%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.21455	0.19707	(0.01748)	-8.1%
40	Primary	\$/kWh	0.21379	0.19641	(0.01738)	-8.1%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.20405	0.18775	(0.01630)	-8.0%
43	Primary	\$/kWh	0.20341	0.18719	(0.01622)	-8.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A (ELI)</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
5	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
6	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
7	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	14.00	14.00	0.00	0.0%
10	5-20 kW	\$/Month	24.00	24.00	0.00	0.0%
11	20-50 kW	\$/Month	40.00	40.00	0.00	0.0%
12	>50 kW	\$/Month	100.00	100.00	0.00	0.0%
13	Non-Coincident Demand					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.40413	0.20748	(0.19665)	-48.7%
28	Primary	\$/kWh	0.40239	0.20709	(0.19530)	-48.5%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.24401	0.20748	(0.03653)	-15.0%
31	Primary	\$/kWh	0.24302	0.20709	(0.03593)	-14.8%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.20680	0.20748	0.00068	0.3%
34	Primary	\$/kWh	0.20600	0.20709	0.00109	0.5%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.21822	0.17270	(0.04552)	-20.9%
37	Primary	\$/kWh	0.21738	0.17231	(0.04507)	-20.7%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.20758	0.17270	(0.03488)	-16.8%
40	Primary	\$/kWh	0.20682	0.17231	(0.03451)	-16.7%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.19708	0.17270	(0.02438)	-12.4%
43	Primary	\$/kWh	0.19644	0.17231	(0.02413)	-12.3%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE TOU-A COST-BASED OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	54.69	58.87	4.18	7.6%
5	5-20 kW	\$/Month	165.25	156.16	(9.09)	-5.5%
6	20-50 kW	\$/Month	405.83	371.14	(34.69)	-8.5%
7	>50 kW	\$/Month	1,140.63	957.17	(183.46)	-16.1%
8	Primary					
9	0-5 kW	\$/Month	108.71	121.88	13.17	12.1%
10	5-20 kW	\$/Month	189.55	182.64	(6.91)	-3.6%
11	20-50 kW	\$/Month	357.71	309.05	(48.66)	-13.6%
12	>50 kW	\$/Month	1,136.83	941.09	(195.74)	-17.2%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.33371	0.33411	0.00040	0.1%
28	Primary	\$/kWh	0.33233	0.33276	0.00043	0.1%
29	Summer Semi-Peak					
30	Secondary	\$/kWh	0.15955	0.15988	0.00033	0.2%
31	Primary	\$/kWh	0.15900	0.15938	0.00038	0.2%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.10876	0.11138	0.00262	2.4%
34	Primary	\$/kWh	0.10845	0.11110	0.00265	2.4%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.13312	0.13006	(0.00306)	-2.3%
37	Primary	\$/kWh	0.13272	0.12972	(0.00300)	-2.3%
38	Winter Semi-Peak					
39	Secondary	\$/kWh	0.12239	0.12113	(0.00126)	-1.0%
40	Primary	\$/kWh	0.12207	0.12086	(0.00121)	-1.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.11180	0.11181	0.00001	0.0%
43	Primary	\$/kWh	0.11160	0.11164	0.00004	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-A 2-PERIOD OPTION</b>					
2	Basic Service Fee					
3	Secondary					
4	0-5 kW	\$/Month	0.00	14.00	14.00	0.0%
5	5-20 kW	\$/Month	0.00	24.00	24.00	0.0%
6	20-50 kW	\$/Month	0.00	40.00	40.00	0.0%
7	>50 kW	\$/Month	0.00	100.00	100.00	0.0%
8	Primary					
9	0-5 kW	\$/Month	0.00	14.00	14.00	0.0%
10	5-20 kW	\$/Month	0.00	24.00	24.00	0.0%
11	20-50 kW	\$/Month	0.00	40.00	40.00	0.0%
12	>50 kW	\$/Month	0.00	100.00	100.00	0.0%
13	Non-Coincident Demand					
14	Secondary					
15	Primary					
16	Non-Coincident Demand with Off Peak Exemption					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	On-Peak Demand: Summer					
20	Secondary	\$/kW	0.00	0.00	0.00	0.0%
21	Primary	\$/kW	0.00	0.00	0.00	0.0%
22	On-Peak Demand: Winter					
23	Secondary	\$/kW	0.00	0.00	0.00	0.0%
24	Primary	\$/kW	0.00	0.00	0.00	0.0%
25	Energy Charge					
26	Summer On-Peak					
27	Secondary	\$/kWh	0.00000	0.34884	0.34884	0.0%
28	Primary	\$/kWh	0.00000	0.34740	0.34740	0.0%
32	Summer Off-Peak					
33	Secondary	\$/kWh	0.00000	0.23833	0.23833	0.0%
34	Primary	\$/kWh	0.00000	0.23742	0.23742	0.0%
35	Winter On-Peak					
36	Secondary	\$/kWh	0.00000	0.20600	0.20600	0.0%
37	Primary	\$/kWh	0.00000	0.20527	0.20527	0.0%
41	Winter Off-Peak					
42	Secondary	\$/kWh	0.00000	0.19376	0.19376	0.0%
43	Primary	\$/kWh	0.00000	0.19307	0.19307	0.0%
1	<b>SCHEDULE A-TC</b>					
2	Basic Service Fee					
3	Under 5 kW	\$/Month	14.00	14.00	0.00	0.0%
4	Over 5 kW	\$/Month	24.00	24.00	0.00	0.0%
5	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
6	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
7	On Peak Demand					
8	Summer	\$/kW	0.00	0.00	0.00	0.0%
9	Winter	\$/kW	0.00	0.00	0.00	0.0%
10	Energy Charge					
11	Summer	\$/kWh	0.18783	0.16341	(0.02442)	-13.0%
12	Winter	\$/kWh	0.18783	0.16341	(0.02442)	-13.0%



**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE A-TOU</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	62.83	101.56	38.73	61.6%
4	5-20 kW	\$/Month	62.83	101.56	38.73	61.6%
5	20-50 kW	\$/Month	62.83	101.56	38.73	61.6%
6	>50 kW	\$/Month	62.83	101.56	38.73	61.6%
7	Non-Coincident Demand	\$/kW	4.92	3.44	(1.48)	-30.1%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.37238	0.35810	(0.01428)	-3.8%
15	Semi-Peak	\$/kWh	0.20166	0.18525	(0.01641)	-8.1%
16	Off-Peak	\$/kWh	0.15106	0.13657	(0.01449)	-9.6%
17	Winter					
18	On-Peak	\$/kWh	0.17534	0.15527	(0.02007)	-11.4%
19	Semi-Peak	\$/kWh	0.16464	0.14630	(0.01834)	-11.1%
20	Off-Peak	\$/kWh	0.15409	0.13694	(0.01715)	-11.1%
1	<b>SCHEDULE A-TOU (ELI)</b>					
2	Basic Service Fee					
3	0-5 kW	\$/Month	35.69	101.56	65.87	184.6%
4	5-20 kW	\$/Month	65.42	101.56	36.14	55.2%
5	20-50 kW	\$/Month	138.01	101.56	(36.45)	-26.4%
6	>50 kW	\$/Month	192.27	101.56	(90.71)	-47.2%
7	Non-Coincident Demand	\$/kW	4.92	3.44	(1.48)	-30.1%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.36541	0.15643	(0.20898)	-57.2%
15	Semi-Peak	\$/kWh	0.19469	0.15643	(0.03826)	-19.7%
16	Off-Peak	\$/kWh	0.14409	0.15643	0.01234	8.6%
17	Winter					
18	On-Peak	\$/kWh	0.16837	0.12165	(0.04672)	-27.7%
19	Semi-Peak	\$/kWh	0.15767	0.12165	(0.03602)	-22.8%
20	Off-Peak	\$/kWh	0.14712	0.12165	(0.02547)	-17.3%
1	<b>SCHEDULE UM</b>					
2	Basic Service Fee	\$/Month	0.00	12.02	12.02	0.0%
3	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
4	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
5	On Peak Demand					
6	Summer	\$/kW	0.00	0.00	0.00	0.0%
7	Winter	\$/kW	0.00	0.00	0.00	0.0%
8	Energy Charge					
9	Summer	\$/kWh	0.27845	0.26348	(0.01497)	-5.4%
10	Winter	\$/kWh	0.21442	0.19669	(0.01773)	-8.3%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE AD (TOU) (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	186.30	186.30	0.00	0.0%
4	Primary	\$/Month	50.24	50.24	0.00	0.0%
5	Maximum Demand Charge					
6	Secondary	\$/KW	26.25	29.13	2.88	11.0%
7	Primary	\$/KW	25.73	28.62	2.89	11.2%
11	Maximum Demand: Summer					
12	Secondary	\$/KW	2.72	0.00	(2.72)	-100.0%
13	Primary	\$/KW	2.70	0.00	(2.70)	-100.0%
14	Maximum Demand: Winter					
15	Secondary	\$/KW	2.33	0.00	(2.33)	-100.0%
16	Primary	\$/KW	2.31	0.00	(2.31)	-100.0%
17	Maximum On-Peak Demand: Summer					
18	Secondary	\$/KW	0.00	11.69	11.69	0.0%
19	Primary	\$/KW	0.00	11.64	11.64	0.0%
20	Maximum On-Peak Demand: Winter					
21	Secondary	\$/KW	0.00	0.00	0.00	0.0%
22	Primary	\$/KW	0.00	0.00	0.00	0.0%
23	Power Factor	\$/kvar	0.00	0.00	0.00	0.0%
24	Energy Charge					
25	On-Peak Energy: Summer					
26	Secondary	\$/kWh	0.11676	0.11125	(0.00551)	-4.7%
27	Primary	\$/kWh	0.11624	0.11078	(0.00546)	-4.7%
28	Semi-Peak Energy: Summer					
29	Secondary	\$/kWh	0.09896	0.09453	(0.00443)	-4.5%
30	Primary	\$/kWh	0.09854	0.09416	(0.00438)	-4.4%
31	Off-Peak Energy: Summer					
32	Secondary	\$/kWh	0.08203	0.07958	(0.00245)	-3.0%
33	Primary	\$/kWh	0.08179	0.07938	(0.00241)	-2.9%
34	On-Peak Energy: Winter					
35	Secondary	\$/kWh	0.11090	0.10171	(0.00919)	-8.3%
36	Primary	\$/kWh	0.11041	0.10130	(0.00911)	-8.3%
37	Semi-Peak Energy: Winter					
38	Secondary	\$/kWh	0.09818	0.09116	(0.00702)	-7.2%
39	Primary	\$/kWh	0.09780	0.09084	(0.00696)	-7.1%
40	Off-Peak Energy: Winter					
41	Secondary	\$/kWh	0.08563	0.08016	(0.00547)	-6.4%
42	Primary	\$/kWh	0.08539	0.07996	(0.00543)	-6.4%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	186.30	186.30	0.00	0.0%
5	Primary	\$/Month	50.24	50.24	0.00	0.0%
6	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
7	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
8	Transmission	\$/Month	270.94	270.94	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	59.77	59.77	0.00	0.0%
12	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
13	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
14	Transmission	\$/Month	1,084.06	1,084.06	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	44,901.30	44,901.30	0.00	0.0%
17	Primary Substation	\$/Month	44,984.69	44,984.69	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.91	25.38	0.47	1.9%
25	Primary	\$/kW	24.43	24.92	0.49	2.0%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	17.04	16.94	(0.10)	-0.6%
37	Primary	\$/kW	16.89	16.79	(0.10)	-0.6%
38	Secondary Substation	\$/kW	14.29	13.92	(0.37)	-2.6%
39	Primary Substation	\$/kW	14.15	13.79	(0.36)	-2.5%
40	Transmission	\$/kW	13.63	13.26	(0.37)	-2.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	3.01	3.20	0.19	6.3%
43	Primary	\$/kW	2.98	3.16	0.18	6.0%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.12118	0.11331	(0.00787)	-6.5%
81	Primary	\$/kWh	0.12063	0.11283	(0.00780)	-6.5%
82	Secondary Substation	\$/kWh	0.11744	0.10881	(0.00863)	-7.3%
83	Primary Substation	\$/kWh	0.11689	0.10833	(0.00856)	-7.3%
84	Transmission	\$/kWh	0.11198	0.10403	(0.00795)	-7.1%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.10301	0.09642	(0.00659)	-6.4%
87	Primary	\$/kWh	0.10257	0.09603	(0.00654)	-6.4%
88	Secondary Substation	\$/kWh	0.09927	0.09192	(0.00735)	-7.4%
89	Primary Substation	\$/kWh	0.09883	0.09153	(0.00730)	-7.4%
90	Transmission	\$/kWh	0.09472	0.08799	(0.00673)	-7.1%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.08203	0.07958	(0.00245)	-3.0%
93	Primary	\$/kWh	0.08179	0.07937	(0.00242)	-3.0%
94	Secondary Substation	\$/kWh	0.07829	0.07508	(0.00321)	-4.1%
95	Primary Substation	\$/kWh	0.07805	0.07487	(0.00318)	-4.1%
96	Transmission	\$/kWh	0.07499	0.07219	(0.00280)	-3.7%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.11090	0.10172	(0.00918)	-8.3%
99	Primary	\$/kWh	0.11042	0.10131	(0.00911)	-8.3%
100	Secondary Substation	\$/kWh	0.10716	0.09722	(0.00994)	-9.3%
101	Primary Substation	\$/kWh	0.10668	0.09681	(0.00987)	-9.3%
102	Transmission	\$/kWh	0.10226	0.09308	(0.00918)	-9.0%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09818	0.09117	(0.00701)	-7.1%
105	Primary	\$/kWh	0.09780	0.09084	(0.00696)	-7.1%
106	Secondary Substation	\$/kWh	0.09444	0.08667	(0.00777)	-8.2%
107	Primary Substation	\$/kWh	0.09406	0.08634	(0.00772)	-8.2%
108	Transmission	\$/kWh	0.09027	0.08312	(0.00715)	-7.9%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.08563	0.08015	(0.00548)	-6.4%
111	Primary	\$/kWh	0.08539	0.07995	(0.00544)	-6.4%
112	Secondary Substation	\$/kWh	0.08189	0.07565	(0.00624)	-7.6%
113	Primary Substation	\$/kWh	0.08165	0.07545	(0.00620)	-7.6%
114	Transmission	\$/kWh	0.07844	0.07275	(0.00569)	-7.3%

## REBUTTAL ATTACHMENT N

### COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3 SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE AL-TOU (ELI)</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	186.30	186.30	0.00	0.0%
5	Primary	\$/Month	50.24	50.24	0.00	0.0%
6	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
7	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
8	Transmission	\$/Month	270.94	270.94	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	59.77	59.77	0.00	0.0%
12	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
13	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
14	Transmission	\$/Month	1,084.06	1,084.06	0.00	0.0%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	44,901.30	44,901.30	0.00	0.0%
17	Primary Substation	\$/Month	44,984.69	44,984.69	0.00	0.0%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	24.91	25.38	0.47	1.9%
25	Primary	\$/kW	24.43	24.92	0.49	2.0%
26	Secondary Substation	\$/kW	12.73	12.41	(0.32)	-2.5%
27	Primary Substation	\$/kW	12.32	12.03	(0.29)	-2.4%
28	Transmission	\$/kW	12.21	11.91	(0.30)	-2.5%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	17.04	16.94	(0.10)	-0.6%
37	Primary	\$/kW	16.89	16.79	(0.10)	-0.6%
38	Secondary Substation	\$/kW	14.29	13.92	(0.37)	-2.6%
39	Primary Substation	\$/kW	14.15	13.79	(0.36)	-2.5%
40	Transmission	\$/kW	13.63	13.26	(0.37)	-2.7%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	3.01	3.20	0.19	6.3%
43	Primary	\$/kW	2.98	3.16	0.18	6.0%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE AL-TOU (ELI) (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.11453	0.08378	(0.03075)	-26.8%
81	Primary	\$/kWh	0.11398	0.08377	(0.03021)	-26.5%
82	Secondary Substation	\$/kWh	0.11218	0.08092	(0.03126)	-27.9%
83	Primary Substation	\$/kWh	0.11163	0.08091	(0.03072)	-27.5%
84	Transmission	\$/kWh	0.10672	0.08081	(0.02591)	-24.3%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.09636	0.08360	(0.01276)	-13.2%
87	Primary	\$/kWh	0.09592	0.08359	(0.01233)	-12.9%
88	Secondary Substation	\$/kWh	0.09401	0.08074	(0.01327)	-14.1%
89	Primary Substation	\$/kWh	0.09357	0.08073	(0.01284)	-13.7%
90	Transmission	\$/kWh	0.08946	0.08065	(0.00881)	-9.8%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07538	0.08171	0.00633	8.4%
93	Primary	\$/kWh	0.07514	0.08171	0.00657	8.7%
94	Secondary Substation	\$/kWh	0.07303	0.07885	0.00582	8.0%
95	Primary Substation	\$/kWh	0.07279	0.07885	0.00606	8.3%
96	Transmission	\$/kWh	0.06973	0.07885	0.00912	13.1%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.10425	0.05028	(0.05397)	-51.8%
99	Primary	\$/kWh	0.10377	0.05028	(0.05349)	-51.5%
100	Secondary Substation	\$/kWh	0.10190	0.04742	(0.05448)	-53.5%
101	Primary Substation	\$/kWh	0.10142	0.04742	(0.05400)	-53.2%
102	Transmission	\$/kWh	0.09700	0.04742	(0.04958)	-51.1%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.09153	0.05028	(0.04125)	-45.1%
105	Primary	\$/kWh	0.09115	0.05028	(0.04087)	-44.8%
106	Secondary Substation	\$/kWh	0.08918	0.04742	(0.04176)	-46.8%
107	Primary Substation	\$/kWh	0.08880	0.04742	(0.04138)	-46.6%
108	Transmission	\$/kWh	0.08501	0.04742	(0.03759)	-44.2%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07898	0.05027	(0.02871)	-36.4%
111	Primary	\$/kWh	0.07874	0.05027	(0.02847)	-36.2%
112	Secondary Substation	\$/kWh	0.07663	0.04741	(0.02922)	-38.1%
113	Primary Substation	\$/kWh	0.07639	0.04741	(0.02898)	-37.9%
114	Transmission	\$/kWh	0.07318	0.04741	(0.02577)	-35.2%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE M/L C&amp;I Cost Based Option</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	256.00	310.34	54.34	21.2%
5	Primary	\$/Month	124.65	150.50	25.85	20.7%
6	Secondary Substation	\$/Month	43,700.64	68,388.96	24,688.32	56.5%
7	Primary Substation	\$/Month	43,569.29	68,229.13	24,659.84	56.6%
8	Transmission	\$/Month	885.26	1,005.92	120.66	13.6%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	145.93	174.24	28.31	19.4%
12	Secondary Substation	\$/Month	44,067.19	68,823.26	24,756.07	56.2%
13	Primary Substation	\$/Month	43,590.57	68,252.86	24,662.29	56.6%
14	Transmission	\$/Month	1,734.95	1,962.73	227.78	13.1%
15	Greater than 12 MW					
16	Secondary Substation	\$/Month	45,179.59	70,041.35	24,861.76	55.0%
17	Primary Substation	\$/Month	43,671.10	68,341.30	24,670.20	56.5%
18	Transmission Multiple Bus	\$/Month	3,000.00	3,000.00	0.00	0.0%
19	Distance Adjustment Fee OH - Sec. Sub.	\$/foot/Month	1.23	1.23	0.00	0.0%
20	Distance Adjustment Fee UG - Sec. Sub.	\$/foot/Month	3.17	3.17	0.00	0.0%
21	Distance Adjustment Fee OH - Pri. Sub.	\$/foot/Month	1.22	1.22	0.00	0.0%
22	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
23	Non-Coincident Demand					
24	Secondary	\$/kW	26.23	26.54	0.31	1.2%
25	Primary	\$/kW	25.75	26.08	0.33	1.3%
26	Secondary Substation	\$/kW	13.25	13.02	(0.23)	-1.7%
27	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
28	Transmission	\$/kW	12.73	12.52	(0.21)	-1.6%
29	Non-Coincident Demand with Off Peak Exemption					
30	Secondary	\$/kW	0.00	0.00	0.00	0.0%
31	Primary	\$/kW	0.00	0.00	0.00	0.0%
32	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
33	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
34	Transmission	\$/kW	0.00	0.00	0.00	0.0%
35	Maximum On-Peak Demand: Summer					
36	Secondary	\$/kW	17.68	17.45	(0.23)	-1.3%
37	Primary	\$/kW	17.53	17.31	(0.22)	-1.3%
38	Secondary Substation	\$/kW	17.64	17.39	(0.25)	-1.4%
39	Primary Substation	\$/kW	17.49	17.25	(0.24)	-1.4%
40	Transmission	\$/kW	16.82	16.57	(0.25)	-1.5%
41	Maximum On-Peak Demand: Winter					
42	Secondary	\$/kW	0.68	0.66	(0.02)	-2.9%
43	Primary	\$/kW	0.66	0.64	(0.02)	-3.0%
44	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
45	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
46	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
47	Semi-Peak Demand: Summer					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
51	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
52	Transmission	\$/kW	0.00	0.00	0.00	0.0%
53	Semi-Peak Demand: Winter					
54	Secondary	\$/kW	0.00	0.00	0.00	0.0%
55	Primary	\$/kW	0.00	0.00	0.00	0.0%
56	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
57	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
58	Transmission	\$/kW	0.00	0.00	0.00	0.0%
59	Off-Peak Demand: Summer					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
63	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
64	Transmission	\$/kW	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
65	Off-Peak Demand: Winter					
66	Secondary	\$/kW	0.00	0.00	0.00	0.0%
67	Primary	\$/kW	0.00	0.00	0.00	0.0%
68	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
69	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
70	Transmission	\$/kW	0.00	0.00	0.00	0.0%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Secondary Substation	\$/kvar	0.25	0.25	0.00	0.0%
75	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
76	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
77						
78	<b>SCHEDULE M/L C&amp;I Cost Based Option (Continued)</b>					
79	On-Peak Energy: Summer					
80	Secondary	\$/kWh	0.11039	0.10932	(0.00107)	-1.0%
81	Primary	\$/kWh	0.10987	0.10885	(0.00102)	-0.9%
82	Secondary Substation	\$/kWh	0.10665	0.10482	(0.00183)	-1.7%
83	Primary Substation	\$/kWh	0.10613	0.10435	(0.00178)	-1.7%
84	Transmission	\$/kWh	0.10145	0.10023	(0.00122)	-1.2%
85	Semi-Peak Energy: Summer					
86	Secondary	\$/kWh	0.09311	0.09310	(0.00001)	0.0%
87	Primary	\$/kWh	0.09268	0.09273	0.00005	0.1%
88	Secondary Substation	\$/kWh	0.08937	0.08860	(0.00077)	-0.9%
89	Primary Substation	\$/kWh	0.08894	0.08823	(0.00071)	-0.8%
90	Transmission	\$/kWh	0.08503	0.08483	(0.00020)	-0.2%
91	Off-Peak Energy: Summer					
92	Secondary	\$/kWh	0.07297	0.07687	0.00390	5.3%
93	Primary	\$/kWh	0.07274	0.07667	0.00393	5.4%
94	Secondary Substation	\$/kWh	0.06923	0.07237	0.00314	4.5%
95	Primary Substation	\$/kWh	0.06900	0.07217	0.00317	4.6%
96	Transmission	\$/kWh	0.06609	0.06960	0.00351	5.3%
97	On-Peak Energy: Winter					
98	Secondary	\$/kWh	0.10040	0.09811	(0.00229)	-2.3%
99	Primary	\$/kWh	0.09994	0.09772	(0.00222)	-2.2%
100	Secondary Substation	\$/kWh	0.09666	0.09361	(0.00305)	-3.2%
101	Primary Substation	\$/kWh	0.09620	0.09322	(0.00298)	-3.1%
102	Transmission	\$/kWh	0.09201	0.08964	(0.00237)	-2.6%
103	Semi-Peak Energy: Winter					
104	Secondary	\$/kWh	0.08832	0.08799	(0.00033)	-0.4%
105	Primary	\$/kWh	0.08795	0.08767	(0.00028)	-0.3%
106	Secondary Substation	\$/kWh	0.08458	0.08349	(0.00109)	-1.3%
107	Primary Substation	\$/kWh	0.08421	0.08317	(0.00104)	-1.2%
108	Transmission	\$/kWh	0.08061	0.08009	(0.00052)	-0.6%
109	Off-Peak Energy: Winter					
110	Secondary	\$/kWh	0.07639	0.07742	0.00103	1.3%
111	Primary	\$/kWh	0.07616	0.07723	0.00107	1.4%
112	Secondary Substation	\$/kWh	0.07265	0.07292	0.00027	0.4%
113	Primary Substation	\$/kWh	0.07242	0.07273	0.00031	0.4%
114	Transmission	\$/kWh	0.06937	0.07013	0.00076	1.1%



**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE DG-R</b>					
2	Basic Service Fee					
3	Less than or equal to 500 kW					
4	Secondary	\$/Month	186.30	186.30	0.00	0.0%
5	Primary	\$/Month	50.24	50.24	0.00	0.0%
6	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
7	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
8	Transmission	\$/Month	270.94	270.94	0.00	0.0%
9	Greater than 500 kW					
10	Secondary	\$/Month	622.55	744.64	122.09	19.6%
11	Primary	\$/Month	59.77	59.77	0.00	0.0%
12	Secondary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
13	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
14	Transmission	\$/Month	1,084.06	1,084.06	0.00	0.0%
15	Transmission Multiple Bus		3,000.00	3,000.00	0.00	0.0%
16	Distance Adjustment Fee OH - Sec. Sub.	\$/Month	1.23	1.23	0.00	0.0%
17	Distance Adjustment Fee UG - Sec. Sub.	\$/Month	3.17	3.17	0.00	0.0%
18	Distance Adjustment Fee OH - Pri. Sub.	\$/Month	1.22	1.22	0.00	0.0%
19	Distance Adjustment Fee UG - Pri. Sub.	\$/foot/Month	3.13	3.13	0.00	0.0%
20	Maximum Demand					
21	Secondary	\$/kW	12.46	12.69	0.23	1.8%
22	Primary	\$/kW	12.22	12.46	0.24	2.0%
23	Secondary Substation	\$/kW	11.86	11.34	(0.52)	-4.4%
24	Primary Substation	\$/kW	11.45	10.96	(0.49)	-4.3%
25	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
26	Non-Coincident Demand with Off Peak Exemption					
27	Secondary	\$/kW	0.00	0.00	0.00	0.0%
28	Primary	\$/kW	0.00	0.00	0.00	0.0%
29	Secondary Substation	\$/kW	0.00	0.00	0.00	0.0%
30	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
31	Transmission	\$/kW	0.00	0.00	0.00	0.0%
32	Maximum On-Peak Demand: Summer					
33	Secondary	\$/kW	2.14	2.03	(0.11)	-5.1%
34	Primary	\$/kW	2.06	1.96	(0.10)	-4.9%
35	Secondary Substation	\$/kW	2.14	2.03	(0.11)	-5.1%
36	Primary Substation	\$/kW	2.06	1.96	(0.10)	-4.9%
37	Transmission	\$/kW	2.05	1.94	(0.11)	-5.4%
38	Maximum On-Peak Demand: Winter					
39	Secondary	\$/kW	0.65	0.61	(0.04)	-6.2%
40	Primary	\$/kW	0.63	0.59	(0.04)	-6.3%
41	Secondary Substation	\$/kW	0.65	0.61	(0.04)	-6.2%
42	Primary Substation	\$/kW	0.63	0.59	(0.04)	-6.3%
43	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
44	Power Factor					
45	Secondary	\$/kW	0.25	0.25	0.00	0.0%
46	Primary	\$/kW	0.25	0.25	0.00	0.0%
47	Secondary Substation	\$/kW	0.25	0.25	0.00	0.0%
48	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
49	Transmission	\$/kvar	0.00	0.00	0.00	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
50	<b>SCHEDULE DG-R (continued)</b>					
51	On-Peak Energy: Summer					
52	Secondary	\$/kWh	0.34574	0.33597	(0.00977)	-2.8%
53	Primary	\$/kWh	0.34448	0.33479	(0.00969)	-2.8%
54	Secondary Substation	\$/kWh	0.30392	0.29225	(0.01167)	-3.8%
55	Primary Substation	\$/kWh	0.30346	0.29184	(0.01162)	-3.8%
56	Transmission	\$/kWh	0.29933	0.28822	(0.01111)	-3.7%
57	Semi-Peak Energy: Summer					
58	Secondary	\$/kWh	0.20764	0.20231	(0.00533)	-2.6%
59	Primary	\$/kWh	0.20631	0.20107	(0.00524)	-2.5%
60	Secondary Substation	\$/kWh	0.16582	0.15859	(0.00723)	-4.4%
61	Primary Substation	\$/kWh	0.16529	0.15812	(0.00717)	-4.3%
62	Transmission	\$/kWh	0.16047	0.15381	(0.00666)	-4.2%
63	Off-Peak Energy: Summer					
64	Secondary	\$/kWh	0.15482	0.15582	0.00100	0.6%
65	Primary	\$/kWh	0.15383	0.15488	0.00105	0.7%
66	Secondary Substation	\$/kWh	0.11300	0.11210	(0.00090)	-0.8%
67	Primary Substation	\$/kWh	0.11281	0.11193	(0.00088)	-0.8%
68	Transmission	\$/kWh	0.11025	0.10968	(0.00057)	-0.5%
69	On-Peak Energy: Winter					
70	Secondary	\$/kWh	0.13521	0.13122	(0.00399)	-3.0%
71	Primary	\$/kWh	0.13401	0.13011	(0.00390)	-2.9%
72	Secondary Substation	\$/kWh	0.09339	0.08750	(0.00589)	-6.3%
73	Primary Substation	\$/kWh	0.09299	0.08716	(0.00583)	-6.3%
74	Transmission	\$/kWh	0.08931	0.08402	(0.00529)	-5.9%
75	Semi-Peak Energy: Winter					
76	Secondary	\$/kWh	0.12461	0.12235	(0.00226)	-1.8%
77	Primary	\$/kWh	0.12349	0.12131	(0.00218)	-1.8%
78	Secondary Substation	\$/kWh	0.08279	0.07863	(0.00416)	-5.0%
79	Primary Substation	\$/kWh	0.08247	0.07836	(0.00411)	-5.0%
80	Transmission	\$/kWh	0.07931	0.07566	(0.00365)	-4.6%
81	Off-Peak Energy: Winter					
82	Secondary	\$/kWh	0.11414	0.11310	(0.00104)	-0.9%
83	Primary	\$/kWh	0.11314	0.11216	(0.00098)	-0.9%
84	Secondary Substation	\$/kWh	0.07232	0.06938	(0.00294)	-4.1%
85	Primary Substation	\$/kWh	0.07212	0.06921	(0.00291)	-4.0%
86	Transmission	\$/kWh	0.06945	0.06694	(0.00251)	-3.6%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE AY-TOU (CLOSED)</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	186.30	186.30	0.00	0.0%
4	Primary	\$/Month	50.24	50.24	0.00	0.0%
5	Transmission	\$/Month	270.94	270.94	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	24.91	25.38	0.47	1.9%
8	Primary	\$/kW	24.44	24.93	0.49	2.0%
9	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
10	Non-Coincident Demand with Off Peak Exemption					
11	Secondary	\$/kW	0.00	0.00	0.00	0.0%
12	Primary	\$/kW	0.00	0.00	0.00	0.0%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Maximum On-Peak Demand: Summer					
15	Secondary	\$/kW	17.04	16.94	(0.10)	-0.6%
16	Primary	\$/kW	16.89	16.80	(0.09)	-0.5%
17	Transmission	\$/kW	13.63	13.26	(0.37)	-2.7%
18	Maximum On-Peak Demand: Winter					
19	Secondary	\$/kW	3.01	3.20	0.19	6.3%
20	Primary	\$/kW	2.98	3.17	0.19	6.4%
21	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
22	Power Factor					
23	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
24	Primary	\$/kvar	0.25	0.25	0.00	0.0%
25	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
26	On-Peak Energy: Summer					
27	Secondary	\$/kWh	0.12118	0.11331	(0.00787)	-6.5%
28	Primary	\$/kWh	0.12063	0.11283	(0.00780)	-6.5%
29	Transmission	\$/kWh	0.11572	0.10853	(0.00719)	-6.2%
30	Semi-Peak Energy: Summer					
31	Secondary	\$/kWh	0.10301	0.09642	(0.00659)	-6.4%
32	Primary	\$/kWh	0.10257	0.09603	(0.00654)	-6.4%
33	Transmission	\$/kWh	0.09846	0.09249	(0.00597)	-6.1%
34	Off-Peak Energy: Summer					
35	Secondary	\$/kWh	0.08203	0.07958	(0.00245)	-3.0%
36	Primary	\$/kWh	0.08179	0.07937	(0.00242)	-3.0%
37	Transmission	\$/kWh	0.07873	0.07669	(0.00204)	-2.6%
38	On-Peak Energy: Winter					
39	Secondary	\$/kWh	0.11090	0.10172	(0.00918)	-8.3%
40	Primary	\$/kWh	0.11042	0.10131	(0.00911)	-8.3%
41	Transmission	\$/kWh	0.10600	0.09758	(0.00842)	-7.9%
42	Semi-Peak Energy: Winter					
43	Secondary	\$/kWh	0.09818	0.09117	(0.00701)	-7.1%
44	Primary	\$/kWh	0.09780	0.09084	(0.00696)	-7.1%
45	Transmission	\$/kWh	0.09401	0.08762	(0.00639)	-6.8%
46	Off-Peak Energy: Winter					
47	Secondary	\$/kWh	0.08563	0.08015	(0.00548)	-6.4%
48	Primary	\$/kWh	0.08539	0.07995	(0.00544)	-6.4%
49	Transmission	\$/kWh	0.08218	0.07725	(0.00493)	-6.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
50	<b>SCHEDULE AY-TOU (ELI) (CLOSED)</b>					
51	Basic Service Fee					
52	Secondary	\$/Month	186.30	186.30	0.00	0.0%
53	Primary	\$/Month	50.24	50.24	0.00	0.0%
54	Transmission	\$/Month	270.94	270.94	0.00	0.0%
55	Non-Coincident Demand					
56	Secondary	\$/kW	24.91	25.38	0.47	1.9%
57	Primary	\$/kW	24.44	24.93	0.49	2.0%
58	Transmission	\$/kW	11.34	10.84	(0.50)	-4.4%
59	Non-Coincident Demand with Off Peak Exemption					
60	Secondary	\$/kW	0.00	0.00	0.00	0.0%
61	Primary	\$/kW	0.00	0.00	0.00	0.0%
62	Transmission	\$/kW	0.00	0.00	0.00	0.0%
63	Maximum On-Peak Demand: Summer					
64	Secondary	\$/kW	17.04	16.94	(0.10)	-0.6%
65	Primary	\$/kW	16.89	16.80	(0.09)	-0.5%
66	Transmission	\$/kW	13.63	13.26	(0.37)	-2.7%
67	Maximum On-Peak Demand: Winter					
68	Secondary	\$/kW	3.01	3.20	0.19	6.3%
69	Primary	\$/kW	2.98	3.17	0.19	6.4%
70	Transmission	\$/kW	0.62	0.59	(0.03)	-4.8%
71	Power Factor					
72	Secondary	\$/kvar	0.25	0.25	0.00	0.0%
73	Primary	\$/kvar	0.25	0.25	0.00	0.0%
74	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
75	On-Peak Energy: Summer					
76	Secondary	\$/kWh	0.11453	0.08378	(0.03075)	-26.8%
77	Primary	\$/kWh	0.11398	0.08377	(0.03021)	-26.5%
78	Transmission	\$/kWh	0.10907	0.08367	(0.02540)	-23.3%
79	Semi-Peak Energy: Summer					
80	Secondary	\$/kWh	0.09636	0.08360	(0.01276)	-13.2%
81	Primary	\$/kWh	0.09592	0.08359	(0.01233)	-12.9%
82	Transmission	\$/kWh	0.09181	0.08351	(0.00830)	-9.0%
83	Off-Peak Energy: Summer					
84	Secondary	\$/kWh	0.07538	0.08171	0.00633	8.4%
85	Primary	\$/kWh	0.07514	0.08171	0.00657	8.7%
86	Transmission	\$/kWh	0.07208	0.08171	0.00963	13.4%
87	On-Peak Energy: Winter					
88	Secondary	\$/kWh	0.10425	0.05028	(0.05397)	-51.8%
89	Primary	\$/kWh	0.10377	0.05028	(0.05349)	-51.5%
90	Transmission	\$/kWh	0.09935	0.05028	(0.04907)	-49.4%
91	Semi-Peak Energy: Winter					
92	Secondary	\$/kWh	0.09153	0.05028	(0.04125)	-45.1%
93	Primary	\$/kWh	0.09115	0.05028	(0.04087)	-44.8%
94	Transmission	\$/kWh	0.08736	0.05028	(0.03708)	-42.4%
95	Off-Peak Energy: Winter					
96	Secondary	\$/kWh	0.07898	0.05027	(0.02871)	-36.4%
97	Primary	\$/kWh	0.07874	0.05027	(0.02847)	-36.2%
98	Transmission	\$/kWh	0.07553	0.05027	(0.02526)	-33.4%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE A6-TOU</b>					
2	Basic Service Fee	\$/Month				
3	Greater than 500 kW					
4	Primary	\$/Month	59.77	59.77	0.00	0.0%
5	Primary Substation	\$/Month	26,608.19	26,608.19	0.00	0.0%
6	Transmission	\$/Month	1,734.95	1,931.13	196.18	11.3%
7	Greater than 12 MW -- Pri. Sub.	\$/Month	44,984.69	44,984.69	0.00	0.0%
8	Distance Adjustment Fee OH	\$/foot/Month	1.22	1.22	0.00	0.0%
9	Distance Adjustment Fee UG	\$/foot/Month	3.13	3.13	0.00	0.0%
10	Non-Coincident Demand					
11	Primary	\$/KW	25.82	26.60	0.78	3.0%
12	Primary Substation	\$/kW	12.84	12.64	(0.20)	-1.6%
13	Transmission	\$/KW	12.73	12.52	(0.21)	-1.6%
14	Non-Coincident Demand with Off Peak Exemption					
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Primary Substation	\$/kW	0.00	0.00	0.00	0.0%
17	Transmission	\$/KW	0.00	0.00	0.00	0.0%
18	Maximum Demand at Time of System Peak: Summer					
19	Primary	\$/KW	17.28	17.21	(0.07)	-0.4%
20	Primary Substation	\$/kW	14.53	14.20	(0.33)	-2.3%
21	Transmission	\$/KW	14.01	13.67	(0.34)	-2.4%
22	Maximum Demand at Time of System Peak: Winter					
23	Primary	\$/KW	3.04	3.22	0.18	5.9%
24	Primary Substation	\$/kW	0.69	0.64	(0.05)	-7.2%
25	Transmission	\$/KW	0.67	0.64	(0.03)	-4.5%
26	Power Factor					
27	Primary	\$/kvar	0.25	0.25	0.00	0.0%
28	Primary Substation	\$/kvar	0.25	0.25	0.00	0.0%
29	Transmission	\$/kvar	0.00	0.00	0.00	0.0%
30	On-Peak Energy: Summer					
31	Primary	\$/kWh	0.11689	0.10833	(0.00856)	-7.3%
32	Primary Substation	\$/kWh	0.11689	0.10833	(0.00856)	-7.3%
33	Transmission	\$/kWh	0.11198	0.10403	(0.00795)	-7.1%
34	Semi-Peak Energy: Summer					
35	Primary	\$/kWh	0.09883	0.09153	(0.00730)	-7.4%
36	Primary Substation	\$/kWh	0.09883	0.09153	(0.00730)	-7.4%
37	Transmission	\$/kWh	0.09472	0.08799	(0.00673)	-7.1%
38	Off-Peak Energy: Summer					
39	Primary	\$/kWh	0.07805	0.07487	(0.00318)	-4.1%
40	Primary Substation	\$/kWh	0.07805	0.07487	(0.00318)	-4.1%
41	Transmission	\$/kWh	0.07499	0.07219	(0.00280)	-3.7%
42	On-Peak Energy: Winter					
43	Primary	\$/kWh	0.10668	0.09681	(0.00987)	-9.3%
44	Primary Substation	\$/kWh	0.10668	0.09681	(0.00987)	-9.3%
45	Transmission	\$/kWh	0.10226	0.09308	(0.00918)	-9.0%
46	Semi-Peak Energy: Winter					
47	Primary	\$/kWh	0.09406	0.08634	(0.00772)	-8.2%
48	Primary Substation	\$/kWh	0.09406	0.08634	(0.00772)	-8.2%
49	Transmission	\$/kWh	0.09027	0.08312	(0.00715)	-7.9%
50	Off-Peak Energy: Winter					
51	Primary	\$/kWh	0.08165	0.07545	(0.00620)	-7.6%
52	Primary Substation	\$/kWh	0.08165	0.07545	(0.00620)	-7.6%
53	Transmission	\$/kWh	0.07844	0.07275	(0.00569)	-7.3%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE S</b>					
2	Contracted Demand					
3	Secondary	\$/kW	13.08	13.24	0.16	1.2%
4	Primary	\$/kW	12.84	13.00	0.16	1.2%
5	Secondary Substation	\$/kW	5.88	5.63	(0.25)	-4.3%
6	Primary Substation	\$/kW	5.68	5.43	(0.25)	-4.4%
7	Transmission	\$/kW	5.62	5.38	(0.24)	-4.3%
1	<b>SCHEDULE OL-TOU</b>					
2	Basic Service Fee	\$/Month				
3	0-5 kW	\$/Month	30.59	30.59	0.00	0.0%
4	5-20 kW	\$/Month	30.59	30.59	0.00	0.0%
5	20-50 kW	\$/Month	30.59	30.59	0.00	0.0%
6	> 50 kW	\$/Month	30.59	30.59	0.00	0.0%
7	Non-Coincident Demand	\$/kW	0.00	0.00	0.00	0.0%
8	Non-Coincident Demand with Off Peak Exemption	\$/kW	0.00	0.00	0.00	0.0%
9	On Peak Demand					
10	Summer	\$/kW	0.00	0.00	0.00	0.0%
11	Winter	\$/kW	0.00	0.00	0.00	0.0%
12	Energy Charge					
13	Summer					
14	On-Peak	\$/kWh	0.39534	0.38253	(0.01281)	-3.2%
15	Semi-Peak	\$/kWh	0.21216	0.20497	(0.00719)	-3.4%
16	Off-Peak	\$/kWh	0.15979	0.15870	(0.00109)	-0.7%
17	Winter					
18	On-Peak	\$/kWh	0.18386	0.17730	(0.00656)	-3.6%
19	Semi-Peak	\$/kWh	0.17326	0.16843	(0.00483)	-2.8%
20	Off-Peak	\$/kWh	0.16280	0.15919	(0.00361)	-2.2%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
1	<b>SCHEDULE PA-T-1</b>					
2	Basic Service Fee					
3	Secondary	\$/Month	105.49	105.49	0.00	0.0%
4	Primary	\$/Month	105.49	105.49	0.00	0.0%
5	Transmission	\$/Month	105.49	105.49	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	4.91	4.85	(0.06)	-1.2%
8	Primary	\$/kW	4.75	4.70	(0.05)	-1.1%
9	Transmission	\$/kW	0.02	0.02	0.00	0.0%
10	Non-Coincident Demand (Excluding Off-Peak)					
11	Secondary	\$/kW	9.19	9.85	0.66	7.2%
12	Primary	\$/kW	9.14	9.80	0.66	7.2%
13	Transmission	\$/kW	0.00	0.00	0.00	0.0%
14	Demand: On-Peak: Summer					
15	Option C					
16	Secondary	\$/kW	6.63	6.92	0.29	4.4%
17	Primary	\$/kW	6.60	6.89	0.29	4.4%
18	Transmission	\$/kW	6.32	6.59	0.27	4.3%
19	Option D					
20	Secondary	\$/kW	6.63	6.92	0.29	4.4%
21	Primary	\$/kW	6.60	6.89	0.29	4.4%
22	Transmission	\$/kW	6.32	6.59	0.27	4.3%
23	Option E					
24	Secondary	\$/kW	6.63	6.92	0.29	4.4%
25	Primary	\$/kW	6.60	6.89	0.29	4.4%
26	Transmission	\$/kW	6.32	6.59	0.27	4.3%
27	Option F					
28	Secondary	\$/kW	6.63	6.92	0.29	4.4%
29	Primary	\$/kW	6.60	6.89	0.29	4.4%
30	Transmission	\$/kW	6.32	6.59	0.27	4.3%
31	Demand: On-Peak: Winter					
32	Option C					
33	Secondary	\$/kW	0.00	0.00	0.00	0.0%
34	Primary	\$/kW	0.00	0.00	0.00	0.0%
35	Transmission	\$/kW	0.00	0.00	0.00	0.0%
36	Option D					
37	Secondary	\$/kW	0.00	0.00	0.00	0.0%
38	Primary	\$/kW	0.00	0.00	0.00	0.0%
39	Transmission	\$/kW	0.00	0.00	0.00	0.0%
40	Option E					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Transmission	\$/kW	0.00	0.00	0.00	0.0%
44	Option F					
45	Secondary	\$/kW	0.00	0.00	0.00	0.0%
46	Primary	\$/kW	0.00	0.00	0.00	0.0%
47	Transmission	\$/kW	0.00	0.00	0.00	0.0%
48	Demand: Semi-Peak					
49	Secondary	\$/kW	0.00	0.00	0.00	0.0%
50	Primary	\$/kW	0.00	0.00	0.00	0.0%
51	Transmission	\$/kW	0.00	0.00	0.00	0.0%
52	On-Peak Energy: Summer					
53	Secondary	\$/kWh	0.11444	0.11003	(0.00441)	-3.9%
54	Primary	\$/kWh	0.11392	0.10956	(0.00436)	-3.8%
55	Transmission	\$/kWh	0.10926	0.10537	(0.00389)	-3.6%
56	Semi-Peak Energy: Summer					
57	Secondary	\$/kWh	0.09708	0.09336	(0.00372)	-3.8%
58	Primary	\$/kWh	0.09666	0.09298	(0.00368)	-3.8%
59	Transmission	\$/kWh	0.09276	0.08953	(0.00323)	-3.5%
60	Off-Peak Energy: Summer					
61	Secondary	\$/kWh	0.07868	0.07853	(0.00015)	-0.2%
62	Primary	\$/kWh	0.07845	0.07832	(0.00013)	-0.2%
63	Transmission	\$/kWh	0.07548	0.07565	0.00017	0.2%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE	ILLUSTRATIVE	CHANGE (E)	% CHANGE (F)
			TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)		
64	On-Peak Energy: Winter					
65	Secondary	\$/kWh	0.10665	0.10060	(0.00605)	-5.7%
66	Primary	\$/kWh	0.10618	0.10019	(0.00599)	-5.6%
67	Transmission	\$/kWh	0.10190	0.09647	(0.00543)	-5.3%
68	Semi-Peak Energy: Winter					
69	Secondary	\$/kWh	0.09433	0.09008	(0.00425)	-4.5%
70	Primary	\$/kWh	0.09396	0.08975	(0.00421)	-4.5%
71	Transmission	\$/kWh	0.09028	0.08655	(0.00373)	-4.1%
72	Off-Peak Energy: Winter					
73	Secondary	\$/kWh	0.08216	0.07910	(0.00306)	-3.7%
74	Primary	\$/kWh	0.08194	0.07891	(0.00303)	-3.7%
75	Transmission	\$/kWh	0.07882	0.07621	(0.00261)	-3.3%
1	<b>SCHEDULE PA</b>					
2	<i>Less than 20 kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	29.16	29.16	0.00	0.0%
5	Primary	\$/Month	29.16	29.16	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	Secondary	\$/kWh	0.18643	0.19476	0.00833	4.5%
22	Primary	\$/kWh	0.18587	0.19419	0.00832	4.5%
23	Winter					
24	Secondary	\$/kWh	0.14441	0.14806	0.00365	2.5%
25	Primary	\$/kWh	0.14391	0.14756	0.00365	2.5%
26	Greater than 20 kW					
27	Basic Service Fee					
28	Secondary	\$/Month	34.99	34.99	0.00	0.0%
29	Primary	\$/Month	34.99	34.99	0.00	0.0%
30	Non-Coincident Demand					
31	Secondary	\$/kW	2.76	2.89	0.13	4.7%
32	Primary	\$/kW	2.74	2.87	0.13	4.7%
33	Non-Coincident Demand with Off Peak Exemption					
34	Secondary	\$/kW	0.00	0.00	0.00	0.0%
35	Primary	\$/kW	0.00	0.00	0.00	0.0%
36	On Peak Demand					
37	Summer					
38	Secondary	\$/kW	0.00	0.00	0.00	0.0%
39	Primary	\$/kW	0.00	0.00	0.00	0.0%
40	Winter					
41	Secondary	\$/kW	0.00	0.00	0.00	0.0%
42	Primary	\$/kW	0.00	0.00	0.00	0.0%
43	Energy Charge					
44	Summer					
45	Secondary	\$/kWh	0.17357	0.18108	0.00751	4.3%
46	Primary	\$/kWh	0.17308	0.18058	0.00750	4.3%
47	Winter					
48	Secondary	\$/kWh	0.13155	0.13438	0.00283	2.2%
49	Primary	\$/kWh	0.13112	0.13395	0.00283	2.2%



**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	29.16	29.16	0.00	0.0%
5	Primary	\$/Month	29.16	29.16	0.00	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.28720	0.30322	0.01602	5.6%
23	Primary	\$/kWh	0.28594	0.30189	0.01595	5.6%
24	Semi-Peak					
25	Secondary	\$/kWh	0.18643	0.19476	0.00833	4.5%
26	Primary	\$/kWh	0.18564	0.19395	0.00831	4.5%
27	Off-Peak					
28	Secondary	\$/kWh	0.12957	0.13893	0.00936	7.2%
29	Primary	\$/kWh	0.12906	0.13839	0.00933	7.2%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.14877	0.15083	0.00206	1.4%
33	Primary	\$/kWh	0.14819	0.15026	0.00207	1.4%
34	Semi-Peak					
35	Secondary	\$/kWh	0.13905	0.14265	0.00360	2.6%
36	Primary	\$/kWh	0.13854	0.14214	0.00360	2.6%
37	Off-Peak					
38	Secondary	\$/kWh	0.12946	0.13412	0.00466	3.6%
39	Primary	\$/kWh	0.12906	0.13371	0.00465	3.6%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	34.99	34.99	0.00	0.0%
43	Primary	\$/Month	34.99	34.99	0.00	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	2.76	2.89	0.13	4.7%
46	Primary	\$/kW	2.74	2.87	0.13	4.7%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	3.85	3.87	0.02	0.5%
53	Primary	\$/kW	3.83	3.85	0.02	0.5%
54	Winter					
55	Secondary	\$/kW	0.00	0.00		
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.18952	0.19449	0.00497	2.6%
61	Primary	\$/kWh	0.18875	0.19370	0.00495	2.6%
62	Semi-Peak					
63	Secondary	\$/kWh	0.16784	0.17306		
64	Primary	\$/kWh	0.16717	0.17237	0.00520	3.1%
65	Off-Peak					
66	Secondary	\$/kWh	0.14518	0.15398	0.00880	6.1%
67	Primary	\$/kWh	0.14461	0.15337		
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.14324	0.14358	0.00034	0.2%
71	Primary	\$/kWh	0.14267	0.14302		
72	Semi-Peak					
73	Secondary	\$/kWh	0.13264	0.13464	0.00200	1.5%
74	Primary	\$/kWh	0.13212	0.13413	0.00201	1.5%
75	Off-Peak					
76	Secondary	\$/kWh	0.12217	0.12531		
77	Primary	\$/kWh	0.12170	0.12485		

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA 2-PERIOD OPTION</b>					
2	<i>Less than 20kW</i>					
3	0-20 kW BSF					
4	Secondary	\$/Month	0.00	29.16	29.16	0.0%
5	Primary	\$/Month	0.00	29.16	29.16	0.0%
6	Non-Coincident Demand					
7	Secondary	\$/kW	0.00	0.00	0.00	0.0%
8	Primary	\$/kW	0.00	0.00	0.00	0.0%
9	Non-Coincident Demand with Off Peak Exemption					
10	Secondary	\$/kW	0.00	0.00	0.00	0.0%
11	Primary	\$/kW	0.00	0.00	0.00	0.0%
12	On Peak Demand					
13	Summer					
14	Secondary	\$/kW	0.00	0.00	0.00	0.0%
15	Primary	\$/kW	0.00	0.00	0.00	0.0%
16	Winter					
17	Secondary	\$/kW	0.00	0.00	0.00	0.0%
18	Primary	\$/kW	0.00	0.00	0.00	0.0%
19	Energy Charge					
20	Summer					
21	On-Peak					
22	Secondary	\$/kWh	0.00000	0.30322	0.30322	0.0%
23	Primary	\$/kWh	0.00000	0.30189	0.30189	0.0%
27	Off-Peak					
28	Secondary	\$/kWh	0.00000	0.17214	0.17214	0.0%
29	Primary	\$/kWh	0.00000	0.17145	0.17145	0.0%
30	Winter					
31	On-Peak					
32	Secondary	\$/kWh	0.00000	0.15083	0.15083	0.0%
33	Primary	\$/kWh	0.00000	0.15026	0.15026	0.0%
37	Off-Peak					
38	Secondary	\$/kWh	0.00000	0.13917	0.13917	0.0%
39	Primary	\$/kWh	0.00000	0.13863	0.13863	0.0%

**REBUTTAL ATTACHMENT N**

**COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3  
SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012**

LINE NO.	DESCRIPTION (A)	UNITS (B)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 FEB FILING RATE (C)	ILLUSTRATIVE TOTAL PROPOSED YEAR 3 REBUTTAL RATE (D)	CHANGE (E)	% CHANGE (F)
1	<b>SCHEDULE TOU-PA COST-BASED OPTION</b>					
2	<i>Less than 20kW</i>					
40	<i>Greater than or equal to 20kW</i>					
41	Basic Service Fee					
42	Secondary	\$/Month	0.00	287.15	287.15	0.0%
43	Primary	\$/Month	0.00	144.07	144.07	0.0%
44	Non-Coincident Demand					
45	Secondary	\$/kW	0.00	7.22	7.22	0.0%
46	Primary	\$/kW	0.00	7.18	7.18	0.0%
47	Non-Coincident Demand with Off Peak Exemption					
48	Secondary	\$/kW	0.00	0.00	0.00	0.0%
49	Primary	\$/kW	0.00	0.00	0.00	0.0%
50	On Peak Demand					
51	Summer					
52	Secondary	\$/kW	0.00	8.71	8.71	0.0%
53	Primary	\$/kW	0.00	8.67	8.67	0.0%
54	Winter					
55	Secondary	\$/kW	0.00	0.00	0.00	0.0%
56	Primary	\$/kW	0.00	0.00	0.00	0.0%
57	Energy Charge					
58	Summer					
59	On-Peak					
60	Secondary	\$/kWh	0.00000	0.13318	0.13318	0.0%
61	Primary	\$/kWh	0.00000	0.13270	0.13270	0.0%
62	Semi-Peak					
63	Secondary	\$/kWh	0.00000	0.11607	0.11607	0.0%
64	Primary	\$/kWh	0.00000	0.11567	0.11567	0.0%
65	Off-Peak					
66	Secondary	\$/kWh	0.00000	0.10085	0.10085	0.0%
67	Primary	\$/kWh	0.00000	0.10052	0.10052	0.0%
68	Winter					
69	On-Peak					
70	Secondary	\$/kWh	0.00000	0.10774	0.10774	0.0%
71	Primary	\$/kWh	0.00000	0.10737	0.10737	0.0%
72	Semi-Peak					
73	Secondary	\$/kWh	0.00000	0.09880	0.09880	0.0%
74	Primary	\$/kWh	0.00000	0.09848	0.09848	0.0%
75	Off-Peak					
76	Secondary	\$/kWh	0.00000	0.08947	0.08947	0.0%
77	Primary	\$/kWh	0.00000	0.08920	0.08920	0.0%

REBUTTAL ATTACHMENT N

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 Hours per year 4,165  
 Hours per month 347  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO.	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 3			Change			% Change				
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate		
1			LS-1, Mercury Vapor, Class A, Reactor Ballast															
2	0.192	67	175	7000	11.87	6.70766	18.58	12.63	6.25173	18.88	0.76	(0.45593)	0.30	6.4%	-6.8%	1.6%		
3			LS-1, Mercury Vapor, Class A, Regulator Ballast															
4	0.210	73	175	7000	12.12	7.30834	19.43	12.91	6.81159	19.72	0.79	(0.49675)	0.29	6.5%	-6.8%	1.5%		
5	0.460	160	400	20000	18.67	16.0183	34.69	20.2	14.9295	35.13	1.53	(1.08878)	0.44	8.2%	-6.8%	1.3%		
6			LS-1, HPSV, Class A, Reactor Ballast															
7	0.083	29	70	5800	10.34	2.90331	13.24	10.75	2.70597	13.46	0.41	(0.19734)	0.22	4.0%	-6.8%	1.7%		
8	0.117	41	100	9500	11	4.10469	15.1	11.52	3.82569	15.35	0.52	(0.27900)	0.25	4.7%	-6.8%	1.7%		
9	0.171	59	150	16000	11.7	5.90674	17.61	12.39	5.50526	17.90	0.69	(0.40148)	0.29	5.9%	-6.8%	1.6%		
10			LS-1, HPSV, Class A, Regulator Ballast															
11	0.246	85	200	22000	13.52	8.50971	22.03	14.43	7.9313	22.36	0.91	(0.57841)	0.33	6.7%	-6.8%	1.5%		
12	0.313	109	250	30000	15.08	10.9125	25.99	16.18	10.1707	26.35	1.10	(0.74173)	0.36	7.3%	-6.8%	1.4%		
13	0.476	165	400	50000	17.03	16.5189	33.55	18.59	15.3961	33.99	1.56	(1.12280)	0.44	9.2%	-6.8%	1.3%		
14			LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast															
15	0.083	29	70	5800	10.47	2.90331	13.37	10.89	2.70597	13.60	0.42	(0.19734)	0.23	4.0%	-6.8%	1.7%		
16	0.117	41	100	9500	11.2	4.10469	15.3	11.71	3.82569	15.54	0.51	(0.27900)	0.24	4.6%	-6.8%	1.6%		
17	0.171	59	150	16000	11.76	5.90674	17.67	12.45	5.50526	17.96	0.69	(0.40148)	0.29	5.9%	-6.8%	1.6%		
18			LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast															
19	0.246	85	200	22000	13.56	8.50971	22.07	14.47	7.9313	22.40	0.91	(0.57841)	0.33	6.7%	-6.8%	1.5%		
20	0.313	109	250	30000	15.13	10.9125	26.04	16.23	10.1707	26.40	1.10	(0.74173)	0.36	7.3%	-6.8%	1.4%		
21	0.476	165	400	50000	16.96	16.5189	33.48	18.53	15.3961	33.93	1.57	(1.12280)	0.45	9.3%	-6.8%	1.3%		
22			LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast															
23	0.083	29	70	5800	9.32	2.90331	12.22	9.74	2.70597	12.45	0.42	(0.19734)	0.23	4.5%	-6.8%	1.9%		
24	0.117	41	100	9500	10.02	4.10469	14.12	10.53	3.82569	14.36	0.51	(0.27900)	0.24	5.1%	-6.8%	1.7%		
25	0.171	59	150	16000	10.68	5.90674	16.59	11.38	5.50526	16.89	0.70	(0.40148)	0.30	6.6%	-6.8%	1.8%		
26			LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast															
27	0.246	85	200	22000	12.51	8.50971	21.02	13.42	7.9313	21.35	0.91	(0.57841)	0.33	7.3%	-6.8%	1.6%		
28	0.313	109	250	30000	14.16	10.9125	25.07	15.26	10.1707	25.43	1.10	(0.74173)	0.36	7.8%	-6.8%	1.4%		
29	0.476	165	400	50000	16.01	16.5189	32.53	17.58	15.3961	32.98	1.57	(1.12280)	0.45	9.8%	-6.8%	1.4%		
30			LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast															
31	0.083	29	70	5800	15.16	2.90331	18.06	15.58	2.70597	18.29	0.42	(0.19734)	0.23	2.8%	-6.8%	1.3%		
32	0.117	41	100	9500	15.71	4.10469	19.81	16.23	3.82569	20.06	0.52	(0.27900)	0.25	3.3%	-6.8%	1.3%		
33	0.171	59	150	16000	16.29	5.90674	22.2	16.99	5.50526	22.50	0.70	(0.40148)	0.30	4.3%	-6.8%	1.4%		
34			LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast															
35	0.246	85	200	22000	19.11	8.50971	27.62	20.02	7.9313	27.95	0.91	(0.57841)	0.33	4.8%	-6.8%	1.2%		
36	0.313	109	250	30000	20.07	10.9125	30.98	21.17	10.1707	31.34	1.10	(0.74173)	0.36	5.5%	-6.8%	1.2%		
37	0.476	165	400	50000	24.01	16.5189	40.53	25.57	15.3961	40.97	1.56	(1.12280)	0.44	6.5%	-6.8%	1.1%		
38			LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast															
39	0.083	29	70	5800	10.19	2.90331	13.09	10.61	2.70597	13.32	0.42	(0.19734)	0.23	4.1%	-6.8%	1.8%		
40	0.117	41	100	9500	10.69	4.10469	14.79	11.2	3.82569	15.03	0.51	(0.27900)	0.24	4.8%	-6.8%	1.6%		
41	0.171	59	150	16000	11.67	5.90674	17.58	12.36	5.50526	17.87	0.69	(0.40148)	0.29	5.9%	-6.8%	1.6%		
42			LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast															
43	0.246	85	200	22000	12.88	8.50971	21.39	13.79	7.9313	21.72	0.91	(0.57841)	0.33	7.1%	-6.8%	1.5%		
44	0.313	109	250	30000	15.11	10.9125	26.02	16.21	10.1707	26.38	1.10	(0.74173)	0.36	7.3%	-6.8%	1.4%		
45	0.476	165	400	50000	16.45	16.5189	32.97	18.02	15.3961	33.42	1.57	(1.12280)	0.45	9.5%	-6.8%	1.4%		
46			LS-1, LPSV, Class A															
47	0.088	31	55	8000	14.41	3.10354	17.51	14.84	2.89259	17.73	0.43	(0.21095)	0.22	3.0%	-6.8%	1.3%		
48	0.145	50	90	13500	16.16	5.00571	21.17	16.78	4.66547	21.45	0.62	(0.34024)	0.28	3.8%	-6.8%	1.3%		
49	0.206	71	135	22500	17.46	7.10811	24.57	18.25	6.62497	24.87	0.79	(0.48314)	0.30	4.5%	-6.8%	1.2%		
50	0.235	82	180	33000	19.81	8.20937	28.02	20.69	7.65137	28.34	0.88	(0.55800)	0.32	4.4%	-6.8%	1.1%		
51			LS-1, LPSV, Class B, 1-Lamp															
52	0.088	31	55	8000	14.58	3.10354	17.68	15.01	2.89259	17.90	0.43	(0.21095)	0.22	2.9%	-6.8%	1.2%		
53	0.145	50	90	13500	16.33	5.00571	21.34	16.95	4.66547	21.62	0.62	(0.34024)	0.28	3.8%	-6.8%	1.3%		
54	0.206	71	135	22500	17.59	7.10811	24.7	18.39	6.62497	25.01	0.80	(0.48314)	0.31	4.5%	-6.8%	1.3%		
55	0.235	82	180	33000	19.94	8.20937	28.15	20.82	7.65137	28.47	0.88	(0.55800)	0.32	4.4%	-6.8%	1.1%		
56			LS-1, LPSV, Class B, 2-Lamp															
57	0.088	31	55	8000	13.94	3.10354	17.04	14.37	2.89259	17.26	0.43	(0.21095)	0.22	3.1%	-6.8%	1.3%		
58	0.145	50	90	13500	15.69	5.00571	20.7	16.31	4.66547	20.98	0.62	(0.34024)	0.28	4.0%	-6.8%	1.4%		
59	0.206	71	135	22500	17.19	7.10811	24.3	17.98	6.62497	24.60	0.79	(0.48314)	0.30	4.6%	-6.8%	1.2%		
60	0.235	82	180	33000	19.53	8.20937	27.74	20.41	7.65137	28.06	0.88	(0.55800)	0.32	4.5%	-6.8%	1.2%		
61			LS-1, LPSV, Class C, 1-Lamp															
62	0.088	31	55	8000	17.66	3.10354	20.76	18.09	2.89259	20.98	0.43	(0.21095)	0.22	2.4%	-6.8%	1.1%		
63	0.145	50	90	13500	18.74	5.00571	23.75	19.36	4.66547	24.03	0.62	(0.34024)	0.28	3.3%	-6.8%	1.2%		
64	0.206	71	135	22500	21.29	7.10811	28.4	22.09	6.62497	28.71	0.80	(0.48314)	0.31	3.8%	-6.8%	1.1%		
65	0.235	82	180	33000	22.21	8.20937	30.42	23.09	7.65137	30.74	0.88	(0.55800)	0.32	4.0%	-6.8%	1.1%		
66			LS-1, LPSV, Class C, 2-Lamp															
67	0.088	31	55	8000	14.04	3.10354	17.14	14.47	2.89259	17.36	0.43	(0.21095)	0.22	3.1%	-6.8%	1.3%		
68	0.145	50	90	13500	15.82	5.00571	20.83	16.44	4.66547	21.11	0.62	(0.34024)	0.28	3.9%	-6.8%	1.3%		
69	0.206	71	135	22500	17.52	7.10811	24.63	18.31	6.62497	24.93	0.79	(0.48314)	0.30	4.5%	-6.8%	1.2%		
70	0.235	82	180	33000	19.6	8.20937	27.81	20.48	7.65137	28.13	0.88	(0.55800)	0.32	4.5%	-6.8%	1.2%		
71			LS-1, Metal Halide, Class A															
72	0.132	46	100	8500	9.03	4.60526	13.64	9.61	4.29223	13.90	0.58	(0.31303)	0.26	6.4%	-6.8%	1.9%		
73	0.207	72	175	12000	10.07	7.20823	17.28	10.85	6.71828	17.57	0.78	(0.48995)	0.29	7.7%	-6.8%	1.7%		
74	0.288	100	250	18000	11.26	10.0114	21.27	12.28	9.33094	21.61	1.02	(0.68049)	0.34	9.1%	-6.8%	1.6%		
75	0.444	154	400	32000	13.95	15.4176	29.37	15.44	14.3697	29.81	1.49	(1.04795)	0.44	10.7%	-6.8%	1.5%		
76			LS-1, Metal Halide, Class B															
77	0.132	46	100	8500	9.49	4.60526	14.1	10.06	4.									

REBUTTAL ATTACHMENT N

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 Hours per year  
 4,165  
 Hours per month  
 347

2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 3			Change			% Change				
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate		
																	12.34	27.131
101	0.780	271	700	35000														
102			LS-2, Mercury Vapor, Rate B, Regulator Ballast															
103	0.210	73	175	7000	5.7	7.30834	13.01	6.49	6.81159	13.30	0.79	(0.49675)	0.29	13.9%	-6.8%	2.2%		
104	0.292	101	250	10000	6.79	10.1115	16.9	7.83	9.42425	17.25	1.04	(0.68729)	0.35	15.3%	-6.8%	2.1%		
105	0.460	160	400	20000	9.13	16.0183	25.15	10.65	14.9295	25.58	1.52	(1.08878)	0.43	16.6%	-6.8%	1.7%		
106			LS-2, Mercury Vapor, Rate B, Series Service															
107	0.207	72	175	7000	5.97	7.20823	13.18	7.32	6.71828	14.04	1.35	(0.48995)	0.86	22.6%	-6.8%	6.5%		
108			LS-2, HPSV, Rate A, Energy, Regulator Ballast															
109	0.058	20	50	4000	2.12	2.00229	4.12	2.47	1.86619	4.34	0.35	(0.13610)	0.22	16.5%	-6.8%	5.3%		
110	0.101	35	70	5800	2.71	3.504	6.21	3.18	3.26583	6.45	0.47	(0.23817)	0.24	17.3%	-6.8%	3.9%		
111	0.141	49	100	9500	3.26	4.9056	8.17	3.85	4.57216	8.42	0.59	(0.33344)	0.25	18.1%	-6.8%	3.1%		
112	0.193	67	150	16000	3.97	6.70766	10.68	4.73	6.25173	10.98	0.76	(0.45593)	0.30	19.1%	-6.8%	2.2%		
113	0.246	85	200	22000	4.68	8.50971	13.19	5.59	7.9313	13.52	0.91	(0.57841)	0.33	19.4%	-6.8%	2.5%		
114	0.313	109	250	30000	5.61	10.9125	16.52	6.71	10.1707	16.88	1.10	(0.74173)	0.36	19.6%	-6.8%	2.2%		
115	0.383	133	310	37000	6.57	13.3152	19.89	7.87	12.4102	20.28	1.30	(0.90504)	0.39	19.8%	-6.8%	2.0%		
116	0.476	165	400	50000	7.84	16.5189	24.36	9.41	15.3961	24.81	1.57	(1.12280)	0.45	20.0%	-6.8%	1.8%		
117	1.102	382	1000	140000	16.41	38.2437	54.65	19.8	35.6442	55.44	3.39	(2.59945)	0.79	20.7%	-6.8%	1.4%		
118			LS-2, HPSV, Rate A, Energy, Reactor Ballast															
119	0.050	17	50	4000	2	1.70194	3.7	2.33	1.58626	3.92	0.33	(0.11568)	0.22	16.5%	-6.8%	5.9%		
120	0.083	29	70	5800	2.47	2.90331	5.37	2.89	2.70597	5.60	0.42	(0.19734)	0.23	17.0%	-6.8%	4.3%		
121	0.117	41	100	9500	2.94	4.10469	7.04	3.46	3.82569	7.29	0.52	(0.27900)	0.25	17.7%	-6.8%	3.6%		
122	0.171	59	150	16000	3.66	5.90674	9.57	4.35	5.50526	9.86	0.69	(0.40148)	0.29	18.9%	-6.8%	3.0%		
123			LS-2, HPSV, Rate A, Series Service															
124	0.064	22	50	4000	2.51	2.20251	4.71	3.44	2.05281	5.49	0.93	(0.14970)	0.78	37.1%	-6.8%	16.6%		
125	0.108	37	70	5800	3.12	3.70423	6.82	4.16	3.45245	7.61	1.04	(0.25178)	0.79	33.3%	-6.8%	11.6%		
126	0.121	42	100	9500	3.3	4.2048	7.5	4.4	3.91900	8.32	1.10	(0.28580)	0.82	33.3%	-6.8%	10.9%		
127	0.174	60	150	16000	4.01	6.00886	10.02	5.28	5.98857	10.88	1.27	(0.40829)	0.86	31.7%	-6.8%	8.6%		
128	0.233	81	200	22000	4.83	8.10926	12.94	6.27	7.58906	13.83	1.44	(0.55120)	0.89	29.8%	-6.8%	6.9%		
129	0.313	109	250	30,000	5.93	10.9125	16.84	7.59	10.1707	17.76	1.66	(0.74173)	0.92	28.0%	-6.8%	5.5%		
130			LS-2, HPSV, Rate B, Regulator Ballast															
131	0.058	20	50	4000	3.61	2.00229	5.61	3.96	1.86619	5.83	0.35	(0.13610)	0.22	9.7%	-6.8%	3.9%		
132	0.101	35	70	5800	4.2	3.504	7.7	4.66	3.26583	7.93	0.46	(0.23817)	0.23	11.0%	-6.8%	3.0%		
133	0.141	49	100	9500	4.74	4.9056	9.65	5.34	4.57216	9.91	0.60	(0.33344)	0.26	12.7%	-6.8%	2.7%		
134	0.193	67	150	16000	5.45	6.70766	12.16	6.22	6.25173	12.47	0.77	(0.45593)	0.31	14.1%	-6.8%	2.5%		
135	0.246	85	200	22000	6.17	8.50971	14.68	7.08	7.9313	15.01	0.91	(0.57841)	0.33	14.7%	-6.8%	2.2%		
136	0.313	109	250	30000	7.1	10.9125	18.01	8.2	10.1707	18.37	1.10	(0.74173)	0.36	15.5%	-6.8%	2.0%		
137	0.383	133	310	37000	8.06	13.3152	21.38	9.36	12.4102	21.77	1.30	(0.90504)	0.39	16.1%	-6.8%	1.8%		
138	0.476	165	400	50000	9.33	16.5189	25.85	10.9	15.3961	26.30	1.57	(1.12280)	0.45	16.8%	-6.8%	1.7%		
139	1.102	382	1000	140000	17.9	38.2437	56.14	21.28	35.6442	56.92	3.38	(2.59945)	0.78	18.9%	-6.8%	1.4%		
140			LS-2, HPSV, Rate B, Reactor Ballast															
141	0.050	17	50	4000	3.48	1.70194	5.18	3.82	1.58626	5.41	0.34	(0.11568)	0.23	9.8%	-6.8%	4.4%		
142	0.083	29	70	5800	3.96	2.90331	6.86	4.38	2.70597	7.09	0.42	(0.19734)	0.23	10.6%	-6.8%	3.4%		
143	0.117	41	100	9500	4.43	4.10469	8.53	4.95	3.82569	8.78	0.52	(0.27900)	0.25	11.7%	-6.8%	2.9%		
144	0.171	59	150	16000	5.14	5.90674	11.05	5.84	5.50526	11.35	0.70	(0.40148)	0.30	13.6%	-6.8%	2.7%		
145			LS-2, HPSV, Rate B, Series Service															
146	0.064	22	50	4000	4	2.20251	6.2	4.93	2.05281	6.98	0.93	(0.14970)	0.78	23.3%	-6.8%	12.6%		
147	0.108	37	70	5800	4.6	3.70423	8.3	5.65	3.45245	9.10	1.05	(0.25178)	0.80	22.8%	-6.8%	9.6%		
148	0.121	42	100	9500	4.79	4.2048	8.99	5.89	3.91900	9.81	1.10	(0.28580)	0.82	23.0%	-6.8%	9.1%		
149	0.174	60	150	16000	5.5	6.00886	11.51	6.77	5.98857	12.37	1.27	(0.40829)	0.86	23.1%	-6.8%	7.5%		
150	0.233	81	200	22000	6.32	8.10926	14.43	7.76	7.58906	15.32	1.44	(0.55120)	0.89	22.8%	-6.8%	6.2%		
151	0.313	109	250	30,000	7.41	10.9125	18.32	9.08	10.1707	19.25	1.67	(0.74173)	0.93	22.5%	-6.8%	5.1%		
152			LS-2, LPSV, Rate A															
153	0.067	23	35	4800	2.24	2.30263	4.54	2.62	2.14612	4.77	0.38	(0.15651)	0.23	17.0%	-6.8%	5.1%		
154	0.088	31	55	8000	2.54	3.10354	5.64	2.97	2.89259	5.86	0.43	(0.21095)	0.22	16.9%	-6.8%	3.9%		
155	0.145	50	90	13500	3.3	5.00571	8.31	3.92	4.66547	8.59	0.62	(0.34024)	0.28	18.8%	-6.8%	3.4%		
156	0.206	71	135	22500	4.13	7.10811	11.24	4.93	6.62497	11.55	0.80	(0.48314)	0.31	19.4%	-6.8%	2.8%		
157	0.235	82	180	33000	4.55	8.20937	12.76	5.42	7.65137	13.07	0.87	(0.55800)	0.31	19.1%	-6.8%	2.4%		
158			LS-2, LPSV, Rate A, Series Service															
159	0.050	17	35	4800	2.31	1.70194	4.01	3.21	1.58626	4.80	0.90	(0.11568)	0.79	39.0%	-6.8%	19.7%		
160	0.072	25	55	8000	2.63	2.50286	5.13	3.59	2.33274	5.92	0.96	(0.17012)	0.79	36.5%	-6.8%	15.4%		
161	0.130	45	90	13500	3.43	4.50514	7.94	4.54	4.19892	8.74	1.11	(0.30622)	0.80	32.4%	-6.8%	10.1%		
162	0.185	64	135	22500	4.17	6.40731	10.58	5.47	5.9718	11.44	1.30	(0.43551)	0.86	31.2%	-6.8%	8.1%		
163	0.219	76	180	33000	4.64	7.60869	12.25	6.02	7.09152	13.11	1.38	(0.51717)	0.86	29.7%	-6.8%	7.0%		
164			LS-2, Incandescent Lamps, Rate A, Energy Only															
165	0.073	25	2,000		2.32	2.50286	4.82	2.72	2.33274	5.05	0.40	(0.17012)	0.23	17.2%	-6.8%	4.8%		
166	0.162	56	2,500		3.54	5.6064	9.15	4.21	5.22533	9.44	0.67	(0.38107)	0.29	18.9%	-6.8%	3.8%		
167	0.295	102	4,000		5.35	10.2117	15.56	6.4	9.51756	15.92	1.05	(0.69410)	0.36	19.6%	-6.8%	2.3%	</	



REBUTTAL ATTACHMENT N

COMPARISON OF DIRECT TESTIMONY AND REBUTTAL TESTIMONY RATES FOR YEAR 3

SUMMARY OF USAGE/LAMP SAN DIEGO GAS AND ELECTRIC COMPANY - ELECTRIC DEPARTMENT  
 Hours per year 4,165  
 Hours per month 347  
 2016 GENERAL RATE CASE (GRC) PHASE 2 A.15-04-012

LINE NO	Average Energy Use kW/Lamp	Average Energy Use kWh/Lamp/Mo	DESCRIPTION		ILLUSTRATIVE TOTAL PROPOSED FEB FILING YEAR			ILLUSTRATIVE TOTAL PROPOSED REBUTTAL YEAR 3			Change			% Change			
			WATTS (A)	LUMENS (B)	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	Total UDC	Commodity	Total Rate	
283			LS-3 (CLOSED)														
284			Energy Charge (\$/kWh)		0.06801	0.10011	0.16812	0.08624	0.09331	0.17955	0.01823	(0.00680)	0.01143	26.8%	-6.8%	6.8%	
285			Minimum Charge (\$/month)		9.1		9.1	9.10		9.10	0.00		0.00	0.0%		0.0%	
286																	
287			OL-1, HPSV, Rate A, Street Light Luminaire — React														
288	0.117	41	100	9500	12.99	4.10469	17.09	13.51	3.82569	17.34	0.52	(0.27900)	0.25	4.0%	-6.8%	1.5%	
289	0.171	59	150	16000	13.68	5.90674	19.59	14.38	5.50526	19.89	0.70	(0.40148)	0.30	5.1%	-6.8%	1.5%	
290			OL-1, HPSV, Rate A, Street Light Luminaire — Regul														
291	0.313	109	250	30000	17.5	10.9125	28.41	18.6	10.1707	28.77	1.10	(0.74173)	0.36	6.3%	-6.8%	1.3%	
292	0.476	165	400	50000	19.36	16.5189	35.88	20.93	15.3961	36.33	1.57	(1.12280)	0.45	8.1%	-6.8%	1.3%	
293	1.102	382	1000	140000	28.26	38.2437	66.5	31.64	35.6442	67.28	3.38	(2.59945)	0.78	12.0%	-6.8%	1.2%	
294			OL-1, HPSV, Rate B, Directional Luminaire														
295	0.313	109	250	30000	18.66	10.9125	29.57	19.76	10.1707	29.93	1.10	(0.74173)	0.36	5.9%	-6.8%	1.2%	
296	0.476	165	400	50000	21.15	16.5189	37.67	22.72	15.3961	38.12	1.57	(1.12280)	0.45	7.4%	-6.8%	1.2%	
297	1.102	382	1000	140000	32.54	38.2437	70.78	35.93	35.6442	71.57	3.39	(2.59945)	0.79	10.4%	-6.8%	1.1%	
298			OL-1, LPSV, Rate A, Street Light Luminaire														
299	0.088	31	55	8000	17.56	3.10354	20.66	17.99	2.89259	20.88	0.43	(0.21095)	0.22	2.4%	-6.8%	1.1%	
300	0.145	50	90	13000	19.61	5.00571	24.62	20.23	4.66547	24.90	0.62	(0.34024)	0.28	3.2%	-6.8%	1.1%	
301	0.206	71	135	22500	21.05	7.10811	28.16	21.84	6.62497	28.46	0.79	(0.48314)	0.30	3.8%	-6.8%	1.1%	
302	0.235	82	180	33000	23.99	8.20937	32.2	24.87	7.65137	32.52	0.88	(0.55800)	0.32	3.7%	-6.8%	1.0%	
303			OL-1 Pole in Non-Standard Position														
304			30-foot		13.91		13.91	13.91		13.91	0.00		0.00	0.0%		0.0%	
305			35-foot		14.54		14.54	14.54		14.54	0.00		0.00	0.0%		0.0%	
306			OL-2														
307			Energy Charge (\$/kwh)		0.11266	0.1003	0.21296	0.14723	0.09323	0.24046	0.03457	(0.00707)	0.02750	30.7%	-7.0%	12.9%	
308			Basic Service Fee (\$/month)		13.76		13.76	13.76		13.76	0.00		0.00	0.0%		0.0%	
309																	
310			DWL, Facilities Charges														
311			\$ of Utility Investment		0.0115			0.0115			0.0000			0.0%			
312			DWL, Energy and Lamp Maintenance Charge														
313	0.059	20	50	Watt HPSV	3.62	2.00229	5.62	3.97	1.86619	5.84	0.35	(0.13610)	0.22	9.7%	-6.8%	3.9%	
314			DWL, Minimum Charge		59.58		59.58	59.58		59.58	0.00		0.00	0.0%		0.0%	



**ATTACHMENT O**

**COMPLIANCE REQUIREMENT TO PRESENT SCHEDULE A-TC AS A  
SEPARATE CLASS**

**ATTACHMENT O**

**SAN DIEGO GAS & ELECTRIC COMPANY (“SDG&E”)  
TEST YEAR (“TY”) 2016 GENERAL RATE CASE (“GRC”) PHASE 2  
APPLICATION (“A.”) 15-04-012  
SCHEDULE A-TC CUSTOMER CLASS STUDY**

**SDG&E TY 2012 GRC Phase 2 Requirement From  
Partial Settlement Agreement Adopted in Decision (“D.”) 14-01-002**

The SDG&E TY 2012 GRC Phase 2 (A.11-10-002) Partial Settlement Agreement adopted in D.14-01-002 requires SDG&E to perform a study to treat Schedule A-TC as a separate customer class for revenue allocation purposes. The compliance requirement states:

“In its next GRC Phase 2 SDG&E will consider Schedule A-TC as a separate customer class for revenue allocation purposes.”<sup>1</sup>

The purpose of this study is to identify the change for Schedule A-TC<sup>2</sup> if Schedule A-TC is treated as a separate customer class for revenue allocation purposes. The tables below provide the change in the proposed distribution, commodity, and CTC revenue allocations, along with the resulting proposed rates for Schedule A-TC based on those revenue allocations

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<sup>1</sup> October 5, 2012 Partial Settlement Agreement in SDG&E’s TY 2012 GRC Phase 2 proceeding (A.11-10-002), Section 3.E.iv – Schedule A-TC, p. 10.

<sup>2</sup> Schedule A-TC is currently part of SDG&E’s Small Commercial Customer class.

**Table CS-01**

**CS - 01**

SDG&E's 2016 GRC Phase 2 Proposed Allocations							
SCHEDULE A-TC	Distribution			Commodity			CTC
Current (As Part of the Small Commercial Class)	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	
Small Commercial (A, ATOU, ATC, and UM)	13.72%	14.77%	15.82%	11.95%	12.56%	13.18%	12.56%

SDG&E's 2016 GRC Phase 2 Proposed Allocations							
SCHEDULE A-TC	Distribution			Commodity			CTC
As a Separate Class	Year 1	Year 2	Year 3	Year 1	Year 2	Year 3	
Small Commercial (A, ATOU, and UM)	13.45%	14.51%	15.57%	11.69%	12.29%	12.88%	12.36%
Schedule A-TC	0.27%	0.26%	0.24%	0.26%	0.27%	0.29%	0.20%

**Table CS-02**

SCHEDULE A-TC	8/1/2016	Year 1	% Change	Year 2	% Change	Year 3	% Change
Current (As Part of the Small Commercial Class)	Total Rate	Total Rate	Compared to Current	Total Rate	Compared to Current	Total Rate	Compared to Current
<b>Basic Service Fee (\$/Month)</b>							
Under 5 kW	7.00	9.33	33%	11.67	67%	14.00	100%
Over 5 kW	12.00	16.00	33%	20.00	67%	24.00	100%
<b>Energy Charge (\$/kWh)</b>							
Summer	0.17120	0.15191	-11%	0.15732	-8%	0.16341	-5%
Winter	0.17120	0.15191	-11%	0.15732	-8%	0.16341	-5%

SCHEDULE A-TC	8/1/2016	Year 1	% Change	Year 2	% Change	Year 3	% Change
As a Separate Class	Total Rate	Total Rate	Compared to Current	Total Rate	Compared to Current	Total Rate	Compared to Current
<b>Basic Service Fee (\$/Month)</b>							
Under 5 kW	7.00	9.33	33%	11.67	67%	14.00	100%
Over 5 kW	12.00	16.00	33%	20.00	67%	24.00	100%
<b>Energy Charge (\$/kWh)</b>							
Summer	0.17120	0.17833	4%	0.17630	3%	0.17487	2%
Winter	0.17120	0.17833	4%	0.17630	3%	0.17487	2%

Comparison of Schedule ATC as a Separate Class to Current	8/1/2016	Year 1	Year 2	Year 3
	Total Rate	Total Rate	Total Rate	Total Rate
<b>Basic Service Fee (\$/Month)</b>				
Under 5 kW		0%	0%	0%
Over 5 kW		0%	0%	0%
<b>Energy Charge (\$/kWh)</b>				
Summer		17%	12%	7%
Winter		17%	12%	7%