

# **San Diego Gas & Electric Company**

## **Volume - 3**

### **TO4 - Cycle 3**

**Wholesale TU Adjustment Report,  
including Exhibit Nos. 1-3; Retail and  
Wholesale TU Adjustment and Interest  
TU Adjustment Calculations**

**December 1, 2015**

**Docket No. ER16-    -**

# San Diego Gas & Electric Company Derivation of Retail True-Up Adjustment

## Table of Contents

**Page** (The page numbers referenced below apply to the page numbers on the upper right hand corner of each page of the true-up calculation).

### **Section 1 – Cost Statements Used to Derive the Retail True-Up Cost of Service for the 12-Month Period January 2014 through December 2014**

	<b><u>Page No.</u></b>
Statement BG – Revenue Data to Reflect Changed Rates	1-18
Statement BH – Revenue Data to Reflect Present Rates	19-20
Statement BK – 12-Month True-Up Cost of Service	21-27
Statement BL – Rate Design Information	28-46

### **Section 2 – Derivation of Retail (End Use Customer) True-Up Adjustment**

<b><u>Section 2.1A</u></b> – Summary of 12-month Retail True-Up Adjustment	47-49
<b><u>Section 2.1B</u></b> – Summary of Retail TO3 Final 17-month Interest True-Up Adjustment	50-54
<b><u>Section 2.1C</u></b> – Summary of Retail TO4-Cycle 2 4-month Interest True-Up Adjustment	55-61

# San Diego Gas & Electric Company

True-Up Period

Statement – BG

Revenue Data to Reflect Changed Rates

Docket No. ER16-\_\_\_\_\_-\_\_\_\_\_

Statement BG  
San Diego Gas and Electric Company  
Transmission Revenues Data to Reflect Changed Rates  
Comparison of Revenues  
Recorded Billing Determinants

Line No	Customer Classes	(a) Transmission Revenues @ Proposed Rates	(b) True-Up Period Total Cost of Service	(c) = (a) - (b) (\$ Change)	(d) = (c)/(a) (%) Change	Reference	Line No
1	Residential Customers	\$ 261,815,261	\$ 261,815,261	\$ (0)	0.00%	(a)=Statement BG, Page 2 2, Line 1	1
2						(b)=Statement BL, Page 2, Line 4	2
3	Small Commercial Customers	69,941,271	69,941,271	(0)	0.00%	(a)=Statement BG, Page 2 2; Line 3	3
4						(b)=Statement BL, Page 2, Line 5	4
5	Medium-Large Commercial Customers	283,197,709	283,197,709	(0)	0.00%	(a)=Statement BG, Page 2 2, Line 5	5
6						(b)=Statement BL, Page 2, Line 6	6
7	Street Lighting Customers	2,306,813	2,306,813	(0)	0.00%	(a)=Statement BG, Page 2 2, Line 7	7
8						(b)=Statement BL, Page 2, Line 7	8
9	Standby Customers	9,712,946	9,712,946	(0)	0.00%	(a)=Statement BG, Page 2 2, Line 9	9
10						(b)=Statement BL, Page 2, Line 8	10
11	Grand Total	\$ 626,974,000	\$ 626,974,000	\$ (0)	0.00%	Sum Lines 1 through 9	11



Statement BG  
San Diego Gas Electric Company  
Derivation of Monthly Retail Cost of Service  
Revenues for True-Up Period Using Retail Rates Developed in Statement BL  
For True-Up Period January 1, 2014 - December 31, 2014

Line No	Season Customer Class	(A)		(B)		(C)		(D)		(E)		(F)	
		Jan-14	Winter	Feb-14	Winter	Mar-14	Winter	Apr-14	Winter	May-14	Summer	Jun-14	Summer
1	Residential Customers <sup>1</sup>	\$ 23,542,602		\$ 20,179,768		\$ 19,228,329		\$ 17,971,400		\$ 19,176,669		\$ 20,590,924	
2													
3	Small Commercial <sup>2</sup>	5,989,346		5,425,710		5,306,534		4,971,516		5,564,133		5,832,255	
4													
5	Medium-Large Commercial <sup>3</sup>	21,419,652		21,807,148		18,662,418		21,349,073		26,793,764		24,806,813	
6													
7	Street Lighting <sup>4</sup>	138,729		306,786		131,130		191,292		149,257		245,810	
8													
9	Standby Revenues <sup>5</sup>	814,789		815,341		811,585		807,853		797,315		802,116	
10													
11	TOTAL	\$ 51,905,117		\$ 48,534,752		\$ 44,139,996		\$ 45,291,134		\$ 52,481,138		\$ 52,277,917	

NOTES

- 1 See Pages 3 & 4, Line 25
- 2 See Pages 3 & 4, Line 27
- 3 See Pages 3 & 4, Lines 29 through 33
- 4 See Pages 3 & 4, Line 35
- 5 See Pages 3 & 4; Line 37

Statement BG  
 San Diego Gas Electric Company  
 Derivation of Monthly Retail Cost of Service  
 Revenues for True-Up Period Using Retail Rates Developed in Statement BL  
 For True-Up Period January 1, 2014 - December 31, 2014

Line No	Season Customer Class	(G)		(H)		(I)		(J)		(K)		(L)		(M)	Line No
		Jul-14 Summer	Aug-14 Summer	Sep-14 Summer	Oct-14 Winter	Nov-14 Winter	Dec-14 Winter	Total							
1	Residential Customers <sup>1</sup>	\$ 22,176,555	\$ 24,793,677	\$ 28,615,643	\$ 24,539,560	\$ 19,950,723	\$ 21,049,411	\$ 261,815,261	1						
2									2						
3	Small Commercial <sup>2</sup>	6,143,027	6,341,069	7,081,070	6,218,172	5,726,695	5,341,745	69,941,271	3						
4									4						
5	Medium-Large Commercial <sup>3</sup>	26,129,542	26,469,484	29,639,847	24,292,274	21,661,899	20,165,794	283,197,709	5						
6									6						
7	Street Lighting <sup>4</sup>	136,813	191,259	246,650	137,245	251,225	180,618	2,306,813	7						
8									8						
9	Standby Revenues <sup>5</sup>	805,541	807,328	809,126	809,207	809,207	823,538	9,712,946	9						
10									10						
11	TOTAL	\$ 55,391,479	\$ 58,602,817	\$ 66,392,336	\$ 55,996,458	\$ 48,399,748	\$ 47,561,106	\$ 626,974,000	11						

NOTES

- 1 See Pages 3 & 4, Line 25
- 2 See Pages 3 & 4, Line 27
- 3 See Pages 3 & 4, Lines 29 through 33
- 4 See Pages 3 & 4, Line 35
- 5 See Pages 3 & 4, Line 37

Statement BG  
San Diego Gas and Electric Company  
Derivation of Monthly Retail Cost of Service  
Revenues for True-Up Using Retail Rates Developed in Statement BL  
For True-Up Period January 1, 2014 - December 31, 2014

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
1	Residential Customers	660,680,311	-	566,308,488	-	539,608,088	-	504,334,663	-	538,158,347	-	577,846,846	-
2	Small Commercial	181,604,447	-	164,514,311	-	160,900,756	-	150,742,575	-	168,711,463	-	176,841,256	-
3	Medium-Large Commercial	862,438,301	87,920	870,653,153	86,782	754,673,212	73,265	827,303,079	83,420	867,864,433	89,268	807,827,202	83,676
4	Non-Concurrent (100%)		2,110,469		2,149,339		1,840,786		2,102,644		2,318,671		2,118,861
5	Non-Concurrent (90%)		1,643,369		1,719,966		1,447,850		1,681,474		1,938,477		1,920,332
6	Maximum On-Peak Period Demand		82,457		98,935		69,109		87,576		89,349		80,770
7	Maximum Demand at the Time of System Peak		-		-		-		-		-		-
8	Street Lighting	5,657,804	-	12,511,686	-	5,347,886	-	7,801,499	-	6,087,162	-	10,024,890	-
9	Standby Customers		170,181		170,295		169,533		168,759		166,542		167,552
10	TOTAL	1,710,380,863		1,613,987,638		1,460,529,942		1,490,181,816		1,580,821,405		1,572,540,194	

NOTES: The above billing determinants are the recorded determinants from January 2014 through December 2014

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
16	Residential Customers <sup>1</sup>	\$ 0 0356339	\$ 0 0256339	\$ 0 0256339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339
17	Small Commercial <sup>1</sup>	\$ 0 0329802	\$ 0 0529802	\$ 0 0529802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802	\$ 0 0329802
18	Medium-Large Commercial <sup>1</sup>	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199	\$ 0 0245199
19	Street Lighting <sup>1</sup>												
20	Standby Customers <sup>1</sup>												
21	TOTAL	\$ 0 0356339	\$ 0 0529802	\$ 0 0529802	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339	\$ 0 0356339

1. The changed rates information comes from the Summary of Rates in Statement BL, Page 1

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14	
		Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)	Revenues @ Changed Rates Energy (kWh)	Demand (kW)
25	Residential Customers	\$ 23,542,602	\$ 20,179,768	\$ 20,179,768	\$ 19,228,329	\$ 19,228,329	\$ 17,971,400	\$ 17,971,400	\$ 19,176,669	\$ 19,176,669	\$ 20,590,924	\$ 20,590,924	\$ 20,590,924
26	Small Commercial	\$ 5,989,346	\$ 5,425,710	\$ 5,425,710	\$ 5,306,534	\$ 5,306,534	\$ 4,971,516	\$ 4,971,516	\$ 5,564,133	\$ 5,564,133	\$ 5,832,255	\$ 5,832,255	\$ 5,832,255
27	Medium-Large Commercial												
28	Non-Concurrent (100%)		\$ 917,790	\$ 906,144	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Non-Concurrent (90%)		\$ 19,764,093	\$ 20,123,528	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248	\$ 17,248,248
30	Maximum On-Peak Period Demand		\$ 700,379	\$ 732,596	\$ 732,596	\$ 732,596	\$ 716,962	\$ 716,962	\$ 716,962	\$ 716,962	\$ 716,962	\$ 716,962	\$ 716,962
31	Maximum Demand at the Time of System Peak		\$ 37,390	\$ 44,879	\$ 44,879	\$ 44,879	\$ 39,681	\$ 39,681	\$ 44,879	\$ 44,879	\$ 44,879	\$ 44,879	\$ 44,879
32	Street Lighting	\$ 138,729	\$ 306,786	\$ 306,786	\$ 131,130	\$ 131,130	\$ 191,292	\$ 191,292	\$ 149,257	\$ 149,257	\$ 245,810	\$ 245,810	\$ 245,810
33	Standby Customers		\$ 814,789	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341	\$ 815,341
34	TOTAL	\$ 29,670,676	\$ 22,234,441	\$ 22,622,489	\$ 24,665,993	\$ 24,665,993	\$ 23,134,208	\$ 23,134,208	\$ 24,890,059	\$ 24,890,059	\$ 26,668,989	\$ 26,668,989	\$ 26,668,989
35	Grand Total	\$ 51,905,117	\$ 48,534,752	\$ 48,534,752	\$ 44,139,996	\$ 44,139,996	\$ 45,291,134	\$ 45,291,134	\$ 52,481,138	\$ 52,481,138	\$ 52,277,917	\$ 52,277,917	\$ 52,277,917

NOTES: The revenues above are derived by multiplying the forecast billing determinants by the rates, except for Med. & Lrg. C-I and Standby customers are shown on pages 5 and 6

**Statement BG**  
**San Diego Gas and Electric Company**  
**Derivation of Monthly Retail Cost of Service**  
**Revenues for True-Up Using Retail Rates Developed in Statement BL**  
**For True-Up Period January 1, 2014 - December 31, 2014**

Line No	Customer Classes	(G) Jul-14		(H) Aug-14		(I) Sep-14		(J) Oct-14		(K) Nov-14		(L) Dec-14		(M) Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers	622,344,704	-	695,789,472	-	803,046,000	-	688,658,138	-	559,880,773	-	590,713,442	-	7,347,369,272	-
2	Small Commercial	186,264,267	-	192,269,129	-	214,706,896	-	188,542,740	-	173,640,536	-	161,968,376	-	2,120,706,752	-
3	Medium-Large Commercial	942,172,604	81,078	928,755,090	85,628	1,091,571,094	91,189	935,477,207	81,143	839,235,455	79,811	825,740,062	66,967	10,553,710,872	992,146
4	Non-Concurrent (100%)		2,239,835		2,261,187		2,538,474		2,396,672		2,134,438		2,001,432		26,212,809
5	Non-Concurrent (90%)		2,058,391		2,070,893		2,225,536		1,990,278		1,617,899		1,617,899		22,481,289
6	Maximum On-Peak Demand		86,213		100,605		91,553		99,007		101,216		96,331		1,083,123
7	Maximum Demand at the Time of System Peak		-		-		-		-		-		-		-
8	Street Lighting	5,579,656	-	7,800,137	-	10,059,141	-	5,597,297	-	10,245,738	-	7,366,162	-	94,079,058	-
9	Standby Customers	-	168,266	-	168,643	-	169,018	-	169,041	-	169,041	-	172,042	-	2,028,913
10	TOTAL	1,756,361,231		1,824,613,828		2,119,383,131		1,818,275,382		1,583,002,482		1,585,788,042		20,115,865,954	

NOTES The above billing determinants are the recorded determinants from January 2014 through December 2014

Line No	Customer Classes	(G) Jul-14		(H) Aug-14		(I) Sep-14		(J) Oct-14		(K) Nov-14		(L) Dec-14		(M) Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)
16	Residential Customers <sup>1</sup>	\$ 0 0356339		\$ 0 0356339		\$ 0 0356339		\$ 0 0356339		\$ 0 0356339		\$ 0 0356339		\$ 0 0356339		16
17	Small Commercial <sup>1</sup>	\$ 0 0329802		\$ 0 0329802		\$ 0 0329802		\$ 0 0329802		\$ 0 0329802		\$ 0 0329802		\$ 0 0329802		17
18	Medium-Large Commercial <sup>1</sup>	\$ 0 0245199		\$ 0 0245199		\$ 0 0245199		\$ 0 0245199		\$ 0 0245199		\$ 0 0245199		\$ 0 0245199		18
19	Street Lighting <sup>1</sup>															19
20	Standby Customers <sup>1</sup>															20
21	TOTAL															21
22	TOTAL															22
23	TOTAL															23
24	TOTAL															24

<sup>1</sup> The changed rates information comes from the Summary of Rates in Statement BL, Page 1

Line No	Customer Classes	(G) Jul-14		(H) Aug-14		(I) Sep-14		(J) Oct-14		(K) Nov-14		(L) Dec-14		(M) Total		
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)
25	Residential Customers	\$ 22,176,555		\$ 24,793,677		\$ 28,615,643		\$ 24,539,560		\$ 19,950,723		\$ 21,049,411		\$ 261,815,261		25
26	Small Commercial	\$ 6,143,027		\$ 6,341,069		\$ 7,081,070		\$ 6,218,172		\$ 5,726,695		\$ 5,341,745		\$ 69,941,271		26
27	Medium-Large Commercial		\$ 848,074		\$ 894,572		\$ 951,745		\$ 847,113		\$ 833,475		\$ 700,494		\$ 10,363,203	27
28	Non-Concurrent (100%)		\$ 20,956,793		\$ 21,181,719		\$ 23,769,583		\$ 22,451,419		\$ 20,018,185		\$ 18,733,055		\$ 245,551,056	28
29	Non-Concurrent (90%)		\$ 4,103,319		\$ 4,134,907		\$ 4,683,476		\$ 948,841		\$ 764,318		\$ 688,531		\$ 25,844,408	29
30	Maximum On-Peak Demand		\$ 221,356		\$ 258,286		\$ 235,043		\$ 44,900		\$ 45,921		\$ 43,714		\$ 1,459,043	30
31	Maximum Demand at the Time of System Peak		-		-		-		-		-		-		-	31
32	Street Lighting	\$ 136,813		\$ 191,259		\$ 246,650		\$ 137,245		\$ 251,225		\$ 180,618		\$ 2,306,813		32
33	Standby Customers		\$ 805,541		\$ 807,928		\$ 809,126		\$ 809,207		\$ 809,207		\$ 823,538		\$ 9,712,946	33
34	TOTAL	\$ 28,456,396	\$ 26,935,083	\$ 31,326,005	\$ 27,276,812	\$ 35,943,363	\$ 30,448,973	\$ 30,894,977	\$ 25,101,481	\$ 25,928,643	\$ 22,471,106	\$ 26,571,773	\$ 20,989,331	\$ 334,063,345	\$ 292,910,655	34
35	TOTAL		\$ 55,391,479		\$ 58,602,817		\$ 66,392,336		\$ 55,996,458		\$ 48,399,748		\$ 47,561,105		\$ 626,974,000	35
36	TOTAL															36
37	TOTAL															37
38	TOTAL															38
39	TOTAL															39
40	TOTAL															40
41	TOTAL															41

NOTES The revenues above are derived by multiplying the forecast billing determinants by the rates, except for Med. & Lrg. C-1 and Standby customers are shown on pages 5 and 6

**Statement BG**  
**San Diego Gas and Electric Company**  
**Derivation of Monthly Retail Cost of Service**  
**Revenues for True-Up Using Retail Rates Developed in Statement BL**  
**For True-Up Period January 1, 2014 - December 31, 2014**  
**Medium and Large Commercial and Industrial Customers**

Line No	Description	Winter		Winter		Winter		Summer		Summer		Summer		Line No
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	
1	Energy Revenues													1
2	Commodity Sales - kWh	862,438,301	870,653,153	754,673,212	827,303,079	867,864,433	807,827,202	942,172,604						2
3	Commodity Rate - \$/kWh													3
4	Total Commodity Revenues													4
5														5
6	Non-Concurrent Demand (100%) (kWh)													6
7	Secondary	74,847	74,559	64,631	75,514	74,935	72,858	73,915						7
8	Primary	13,074	12,223	8,634	9,906	14,332	10,818	7,163						8
9	Transmission													9
10	Total	87,920	86,782	73,265	85,420	89,268	83,676	81,078						10
11	Check Figure	87,920	86,782	73,265	85,420	89,268	83,676	81,078						11
12	Difference													12
13														13
14	Non-Concurrent Demand (100%) Rates (\$/kWh)													14
15	Secondary	10,490,944	10,490,944	10,490,944	10,490,944	10,490,944	10,490,944	10,490,944						15
16	Primary	10,140,811	10,140,811	10,140,811	10,140,811	10,140,811	10,140,811	10,140,811						16
17	Transmission	10,032,461	10,032,461	10,032,461	10,032,461	10,032,461	10,032,461	10,032,461						17
18	Non-Concurrent Demand (100%) - Revenues													18
19	Secondary	785,211	782,198	678,040	792,214	786,143	764,348	775,433						19
20	Primary	132,578	123,946	87,553	100,451	145,342	109,705	72,641						20
21	Transmission													21
22	Subtotal	917,790	906,144	765,593	892,665	931,485	874,053	848,074						22
23														23
24	Non-Concurrent Demand (90%) (kWh)													24
25	Secondary	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434						25
26	Primary	349,407	389,985	292,468	338,033	382,118	359,154	340,902						26
27	Transmission	127,302	114,658	96,983	112,851	121,711	24,308	203,499						27
28	Total	2,110,469	2,149,339	1,840,786	2,102,644	2,318,671	2,118,861	2,239,835						28
29	Check Figure	2,110,469	2,149,339	1,840,786	2,102,644	2,318,671	2,118,861	2,239,835						29
30	Difference													30
31														31
32	Non-Concurrent Demand (90%) Rates (\$/kWh)													32
33	Secondary	9,441,850	9,441,850	9,441,850	9,441,850	9,441,850	9,441,850	9,441,850						33
34	Primary	9,126,730	9,126,730	9,126,730	9,126,730	9,126,730	9,126,730	9,126,730						34
35	Transmission	9,029,215	9,029,215	9,029,215	9,029,215	9,029,215	9,029,215	9,029,215						35
36	Non-Concurrent Demand (90%) - Revenues													36
37	Secondary	15,425,716	15,528,962	13,703,292	15,595,666	17,135,466	16,385,374	16,008,032						37
38	Primary	3,188,943	3,559,291	2,669,280	3,085,140	3,487,484	3,277,904	3,111,324						38
39	Transmission	1,149,435	1,035,276	875,677	1,018,959	1,098,956	219,481	1,837,437						39
40	Subtotal	19,764,093	20,123,528	17,248,248	19,699,765	21,721,906	19,882,760	20,956,793						40

**NOTES:**  
1 Non-Concurrent Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1  
2 NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AX-TOU, AL-TOU, AL-TOU-DER, DGR, and A6-TOU  
3 Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R  
4 Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

**Statement BG**  
**San Diego Gas and Electric Company**  
 Derivation of Monthly Retail Cost of Service  
 Revenues for True-Up Using Retail Rates Developed in Statement BL  
 For True-Up Period January 1, 2014 - December 31, 2014  
 Medium and Large Commercial and Industrial Customers

Line No	Description	Summer				Winter				Total	Reference	Line No
		Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15			
1	Energy Revenues											
2	Commodity Sales - kWh	928,755,090	1,091,571,094	935,477,207	839,233,435	825,740,062				10,553,710,872	Statement BG, Pages 10 & 11, Line 5	1
3	Commodity Rate - \$/kWh										Not Applicable	2
4	Total Commodity Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Line 2 x Line 3	3
5	Non-Concurrent Demand (100%) (kW)											4
6	Secondary											5
7	Primary	74,915	77,156	69,292	68,914	61,099				862,635	Statement BG, Page 13 1, Line 35 X 1000	6
8	Transmission	10,714	14,033	11,850	10,897	5,868				129,511	Statement BG, Page 13 1, Line 36 X 1000	7
9	Total	85,628	91,189	81,143	79,811	66,967				992,146	Statement BG, Page 13 1, Line 37 X 1000	8
10	Check Figure	85,628	91,189	81,143	79,811	66,967				992,146	Sum Lines 7, 8, 9	9
11	Difference										Statement BG, Pages 10 & 11, Line 6	10
12											Line 10 - Line 11	11
13												12
14	Non-Concurrent Demand (100%) Rates (\$/kW)											13
15	Secondary											14
16	Primary	\$ 10,490,944	\$ 10,490,944	\$ 10,490,944	\$ 10,490,944	\$ 10,490,944					Statement BL, Page 1, Line 6D	15
17	Transmission	\$ 10,140,817	\$ 10,140,817	\$ 10,140,817	\$ 10,140,817	\$ 10,140,817					Statement BL, Page 1, Line 6C	16
18	Total	\$ 10,032,461	\$ 10,032,461	\$ 10,032,461	\$ 10,032,461	\$ 10,032,461					Statement BL, Page 1, Line 6B	17
19	Non-Concurrent Demand (100%) - Revenues											18
20	Secondary	\$ 785,925	\$ 809,438	\$ 726,943	\$ 722,970	\$ 640,991				\$ 9,049,852	Line 7 x Line 15	19
21	Primary	108,648	142,306	120,171	110,305	59,504				\$ 1,313,351	Line 8 x Line 16	20
22	Transmission										Line 9 x Line 17	21
23	Subtotal	\$ 894,572	\$ 951,745	\$ 847,113	\$ 833,475	\$ 700,494				\$ 10,363,203	Sum Lines 19, 20, 21	22
24	Non-Concurrent Demand (90%) (kW)											23
25	Secondary	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110				20,467,409	(Stmnt BG, Page 13 2, Line 61) + (Stmnt BG, Page 13 3, Line 97)	24
26	Primary	374,193	446,459	399,443	343,647	336,284				4,352,093	(Stmnt BG, Page 13 2, Line 62) + (Stmnt BG, Page 13 3, Line 98)	25
27	Transmission	121,558	139,647	125,359	64,392	141,039				1,393,306	(Stmnt BG, Page 13 2, Line 63) + (Stmnt BG, Page 13 3, Line 99)	26
28	Total	2,261,187	2,538,474	2,396,672	2,134,438	2,001,432				26,212,809	Sum Lines 25, 26, 27	27
29	Check Figure	2,261,187	2,538,474	2,396,672	2,134,438	2,001,432				26,212,809	Statement BG, Pages 10 & 11, Line 7	28
30	Difference										Line 28 - Line 29	29
31												30
32	Non-Concurrent Demand (90%) Rates (\$/kW)											31
33	Secondary	\$ 9,441,850	\$ 9,441,850	\$ 9,441,850	\$ 9,441,850	\$ 9,441,850					Statement BL, Page 1, Line 8D	32
34	Primary	\$ 9,126,730	\$ 9,126,730	\$ 9,126,730	\$ 9,126,730	\$ 9,126,730					Statement BL, Page 1, Line 8C	33
35	Transmission	\$ 9,029,215	\$ 9,029,215	\$ 9,029,215	\$ 9,029,215	\$ 9,029,215					Statement BL, Page 1, Line 8B	34
36	Total	\$ 16,668,995	\$ 18,433,971	\$ 17,673,917	\$ 16,300,405	\$ 14,390,415				\$ 193,250,212	Line 25 x Line 33	35
37	Secondary	3,415,155	4,074,709	3,645,613	3,136,372	3,069,169				\$ 39,720,383	Line 26 x Line 34	36
38	Primary	1,097,569	1,260,903	1,131,890	581,408	1,273,471				\$ 12,580,461	Line 27 x Line 35	37
39	Transmission										Sum Lines 37, 38, 39	38
40	Subtotal	\$ 21,181,719	\$ 23,769,583	\$ 22,451,419	\$ 20,018,185	\$ 18,733,055				\$ 245,551,056		39

NOTES:  
 1 Non-Concurrent Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1  
 2 NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU  
 3 Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R  
 4 Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

**Statement BG**  
**San Diego Gas and Electric Company**  
**Derivation of Monthly Retail Cost of Service**  
**Revenues for True-Up Period Using Retail Rates Developed in Statement BL**  
**For True-Up Period January 1, 2014 - December 31, 2014**  
**Medium and Large Commercial and Industrial Customers**

Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Line No
1	<b>Maximum On-Peak Period Demand (KW)<sup>2</sup></b>								1
2	Secondary	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	2
3	Primary	317,074	362,878	265,919	311,311	355,386	362,177	346,023	3
4	Transmission	27,356	27,740	23,644	19,719	21,806	(79,273)	126,420	4
5	Total	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	5
6	Check Figure	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	6
7	Difference	-	-	-	-	-	-	-	7
8									8
9	<b>Maximum On-Peak Period Demand Rates (\$/KW)<sup>1</sup></b>								9
10	Secondary	\$ 0.4292616	\$ 0.4292616	\$ 0.4292616	\$ 0.4292616	\$ 0.4292616	\$ 0.4292616	\$ 0.4292616	10
11	Primary	\$ 0.4149351	\$ 0.4149351	\$ 0.4149351	\$ 0.4149351	\$ 0.4149351	\$ 0.4149351	\$ 0.4149351	11
12	Transmission	\$ 0.4105017	\$ 0.4105017	\$ 0.4105017	\$ 0.4105017	\$ 0.4105017	\$ 0.4105017	\$ 0.4105017	12
13	<b>Maximum On-Peak Period Demand - Revenues</b>								13
14	Secondary	\$ 557,584	\$ 570,638	\$ 497,208	\$ 579,694	\$ 3,178,592	\$ 3,291,445	\$ 3,187,967	14
15	Primary	\$ 131,565	\$ 150,571	\$ 110,339	\$ 129,174	\$ 690,531	\$ 703,337	\$ 672,337	15
16	Transmission	\$ 11,230	\$ 11,387	\$ 9,706	\$ 8,095	\$ 41,916	\$ (152,384)	\$ 243,015	16
17	Subtotal	\$ 700,379	\$ 732,596	\$ 617,253	\$ 716,962	\$ 3,911,039	\$ 3,842,786	\$ 4,103,319	17
18									18
19	<b>Maximum Demand at the Time of System Peak (KW)<sup>1</sup></b>								19
20	Secondary	9,763	15,266	5,457	4,272	13,027	8,180	15,146	20
21	Primary	72,694	83,670	63,652	83,304	76,322	72,590	71,067	21
22	Transmission	82,457	98,935	69,109	87,576	89,349	80,770	86,213	22
23	Total	82,457	98,935	69,109	87,576	89,349	80,770	86,213	23
24	Check Figure	82,457	98,935	69,109	87,576	89,349	80,770	86,213	24
25	Difference	-	-	-	-	-	-	-	25
26									26
27	<b>Maximum Demand at the Time of System Peak Rates (\$/KW)<sup>1</sup></b>								27
28	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	28
29	Primary	\$ 0.4577554	\$ 0.4577554	\$ 0.4577554	\$ 0.4577554	\$ 0.4577554	\$ 0.4577554	\$ 0.4577554	29
30	Transmission	\$ 0.4528644	\$ 0.4528644	\$ 0.4528644	\$ 0.4528644	\$ 0.4528644	\$ 0.4528644	\$ 0.4528644	30
31	<b>Maximum Demand at the Time of System Peak - Revenues</b>								31
32	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	32
33	Primary	\$ 4,469	\$ 6,988	\$ 2,498	\$ 1,956	\$ 33,746	\$ 21,190	\$ 39,234	33
34	Transmission	\$ 32,921	\$ 37,891	\$ 28,826	\$ 37,725	\$ 195,589	\$ 186,024	\$ 182,122	34
35	Subtotal	\$ 37,390	\$ 44,879	\$ 31,324	\$ 39,681	\$ 229,334	\$ 207,214	\$ 221,356	35
36									36
37	<b>Revenues at Chained Rates</b>								37
38	Secondary	\$ 16,768,511	\$ 16,881,797	\$ 14,878,540	\$ 16,967,574	\$ 21,100,200	\$ 20,441,167	\$ 19,971,432	38
39	Primary	\$ 3,457,556	\$ 3,840,796	\$ 2,869,670	\$ 3,316,721	\$ 4,357,102	\$ 4,112,525	\$ 3,895,536	39
40	Transmission	\$ 1,193,585	\$ 1,084,554	\$ 914,208	\$ 1,064,779	\$ 1,336,461	\$ 253,121	\$ 2,262,574	40
41	Total	\$ 21,419,652	\$ 21,807,147	\$ 18,662,418	\$ 21,349,074	\$ 26,793,763	\$ 24,806,813	\$ 26,129,542	41
42									42
43	<b>Total Revenues at Chained Rates</b>	\$ 21,419,652	\$ 21,807,147	\$ 18,662,418	\$ 21,349,074	\$ 26,793,763	\$ 24,806,813	\$ 26,129,542	43

**NOTES:**  
<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1  
<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DGR, and AG-TOU  
<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DGR  
<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule AG-TOU

**Statement BG**  
**San Diego Gas and Electric Company**  
**Derivation of Monthly Retail Cost of Service**  
**Revenues for True-Up Period Using Retail Rates Developed in Statement BL**  
**For True-Up Period January 1, 2014 - December 31, 2014**  
**Medium and Large Commercial and Industrial Customers**

Line No	Description	Summer Aug-14	Summer Sep-14	Winter Oct-14	Winter Nov-14	Winter Dec-14	Total	Reference
1	<b>Maximum On-Peak Demand (kW)<sup>2</sup></b>							
2	Secondary	1,664,368	1,851,503	1,784,044	1,495,624	1,221,733	17,962,951	Statement BG Page 13 2 Line 71 x 1000
3	Primary	378,207	460,594	402,888	287,153	329,665	4,179,275	Statement BG Page 13 2 Line 72 x 1000
4	Transmission	34,728	34,728	38,603	3,501	66,500	359,062	Statement BG Page 13 2 Line 73 x 1000
5	Total	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289	Sum Lines 2, 3, 4
6	Check Figure	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289	Statement BG Pages 10 & 11 Line 8
7	Difference	-	-	-	-	-	-	Line 5 - Line 6
8								
9	<b>Maximum On-Peak Demand Rates (\$/kW)</b>							
10	Secondary	\$ 2,010,131	\$ 2,010,131	\$ 0,429,261	\$ 0,429,261	\$ 0,429,261		Statement BL, Page 1, Line 11D 12D
11	Primary	\$ 1,943,042	\$ 1,943,042	\$ 0,414,931	\$ 0,414,931	\$ 0,414,931		Statement BL, Page 1, Line 11C, 12C
12	Transmission	\$ 1,922,836	\$ 1,922,836	\$ 0,410,517	\$ 0,410,517	\$ 0,410,517		Statement BL, Page 1, Line 11B 12B
13	<b>Maximum On-Peak Demand - Revenues</b>							
14	Secondary	\$ 3,345,599	\$ 3,721,764	\$ 765,822	\$ 643,731	\$ 524,443	\$ 20,864,487	Line 2 x Line 10
15	Primary	\$ 734,873	\$ 894,955	\$ 167,172	\$ 119,150	\$ 136,790	\$ 4,641,183	Line 3 x Line 11
16	Transmission	\$ 54,435	\$ 66,756	\$ 15,847	\$ 1,437	\$ 27,298	\$ 338,738	Line 4 x Line 12
17	Subtotal	\$ 4,134,907	\$ 4,683,476	\$ 948,841	\$ 764,318	\$ 688,531	\$ 25,844,408	Sum Lines 14, 15, 16
18								
19	<b>Maximum Demand at the Time of System Peak (kW)<sup>1</sup></b>							
20	Secondary	-	-	-	-	-	-	Statement BG Pages 13 3 Line 107 x 1000
21	Primary	16,911	15,290	12,941	17,223	18,139	151,617	Statement BG Pages 13 3 Line 108 x 1000
22	Transmission	83,694	76,263	86,066	83,992	78,192	931,506	Statement BG Pages 13 3 Line 109 x 1000
23	Total	100,605	91,553	99,007	101,216	96,331	1,083,123	Sum Lines 20, 21, 22
24	Check Figure	100,605	91,553	99,007	101,216	96,331	1,083,123	Statement BG Pages 10 & 11 Line 9
25	Difference	-	-	-	-	-	-	Line 23 - Line 24
26								
27	<b>Maximum Demand at the Time of System Peak Rates (\$/kW)</b>							
28	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -		Statement BL Page 1 Line 15D 16D
29	Primary	\$ 2,590,534	\$ 2,590,534	\$ 0,457,754	\$ 0,457,754	\$ 0,457,754		Statement BL Page 1 Line 15C 16C
30	Transmission	\$ 2,562,674	\$ 2,562,674	\$ 0,452,864	\$ 0,452,864	\$ 0,452,864		Statement BL Page 1 Line 15B 16B
31	<b>Maximum Demand at the Time of System Peak - Revenues</b>							
32	Secondary	\$ -	\$ -	\$ -	\$ -	\$ -		Line 20 x Line 28
33	Primary	\$ 43,805	\$ 39,607	\$ 5,924	\$ 7,884	\$ 8,303	\$ 215,604	Line 21 x Line 29
34	Transmission	\$ 214,481	\$ 195,437	\$ 38,976	\$ 38,037	\$ 35,410	\$ 1,223,439	Line 22 x Line 30
35	Subtotal	\$ 258,286	\$ 235,043	\$ 44,900	\$ 45,921	\$ 43,714	\$ 1,439,043	Sum Lines 32, 33, 34
36								
37	<b>Revenues at Changed Rates</b>							
38	Secondary	\$ 20,800,518	\$ 22,965,174	\$ 19,166,682	\$ 17,667,106	\$ 15,555,849	\$ 223,164,551	Pg 6 (Lines 19 37) + Pg 8 (Lines 14 32)
39	Primary	\$ 4,302,481	\$ 5,151,577	\$ 3,938,880	\$ 3,375,910	\$ 3,273,766	\$ 45,890,520	Pg 6 (Lines 20 38) + Pg 8 (Lines 15 33)
40	Transmission	\$ 1,366,486	\$ 1,523,096	\$ 1,186,713	\$ 620,882	\$ 1,336,179	\$ 14,142,638	Pg 6 (Lines 21 39) + Pg 8 (Lines 16 34)
41	Total	\$ 26,469,485	\$ 29,639,847	\$ 24,292,275	\$ 21,661,898	\$ 20,165,794	\$ 283,197,709	Sum Lines 38, 39, 40
42								
43	<b>Total Revenues at Changed Rates</b>	\$ 26,469,485	\$ 29,639,847	\$ 24,292,275	\$ 21,661,898	\$ 20,165,794	\$ 283,197,709	See Line 41

**NOTES:**  
<sup>1</sup> Non-Concident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs Schedules AD and PA-T-1  
<sup>2</sup> NCD (99%) rates are applicable to the following CPUC tariffs Schedules AY-TOU AL-TOU-DER, DG-R, and AG-TOU  
<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs Schedules AY-TOU AL-TOU-DER and DG-R  
<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs Schedule AG-TOU



**Statement BG**  
**San Diego Gas and Electric Company**  
**Derivation of Monthly Retail Cost of Service**  
**Revenues for True-Up Period Using Retail Cost of Service**  
**For True-Up Period January 1, 2014 - December 31, 2014**  
**Standby Customers**

Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	Demand - Billing Determinants (kW).														
2	Secondary	10,549	10,549	9,938	9,815	9,815	9,715	9,688	9,688	9,688	9,522	9,322	9,542	118,031	Statement BG, Page 13 3, Line 114 x 1000
3	Primary	100,127	100,347	100,196	99,545	99,139	99,749	100,584	100,555	100,931	101,082	101,082	102,798	1,206,135	Statement BG, Page 13 3, Line 115 x 1000
4	Transmission	59,505	59,399	59,399	59,399	57,588	58,088	57,994	58,400	58,399	58,437	58,437	59,702	704,747	Statement BG, Page 13 3, Line 116 x 1000
5	Total	170,181	170,295	169,533	168,759	166,542	167,552	168,266	168,643	169,018	169,041	169,041	172,042	2,028,913	Sum Lines 2, 3, 4
6	Check Figure	170,181	170,295	169,533	168,759	166,542	167,552	168,266	168,643	169,018	169,041	169,041	172,042	2,028,913	Statement BG, Page 13 3, Line 117 x 1000
7	Difference	-	-	-	-	-	-	-	-	-	-	-	-	-	Line 5 Less Line 6
8															
9	Demand Rates (\$/kW).														
10	Secondary	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	\$ 4,961,0035	Statement BL, Page 1, Line 20D
11	Primary	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	\$ 4,795,4312	Statement BL, Page 1, Line 20C
12	Transmission	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	\$ 4,744,1939	Statement BL, Page 1, Line 20B
13															
14	Revenues at Changed Rates.														
15	Secondary	\$ 52,334	\$ 52,334	\$ 49,302	\$ 48,692	\$ 48,692	\$ 48,196	\$ 48,062	\$ 48,062	\$ 48,062	\$ 47,239	\$ 47,239	\$ 47,338	\$ 585,552	Line 2 x Line 10
16	Primary	480,152	481,207	480,483	477,361	475,414	478,339	482,344	482,205	484,008	484,732	484,732	492,961	5,783,938	Line 3 x Line 11
17	Transmission	282,303	281,800	281,800	281,800	273,209	275,581	275,135	277,061	277,056	277,236	277,236	283,238	3,343,455	Line 4 x Line 12
18	Total	\$ 814,789	\$ 815,341	\$ 811,585	\$ 807,853	\$ 797,315	\$ 802,116	\$ 805,541	\$ 807,328	\$ 809,126	\$ 809,207	\$ 809,207	\$ 823,537	\$ 9,712,945	Sum Lines 15, 16, 17
19															
20	Total Revenues at Changed Rates	\$ 814,789	\$ 815,341	\$ 811,585	\$ 807,853	\$ 797,315	\$ 802,116	\$ 805,541	\$ 807,328	\$ 809,126	\$ 809,207	\$ 809,207	\$ 823,537	\$ 9,712,945	Line 18

**Statement EG**  
**San Diego Gas and Electric Company**  
**Transmission Revenue Data to Reflect Changed Rates**  
**Recorded Billing Determinants**  
**True-Up Period January 1, 2014 to December 31, 2014**

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		Line No
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	660,680,311		566,308,488		539,608,088		504,334,663		538,158,347		577,846,846		1
2				164,514,311		160,900,756		150,742,575		168,711,463		176,841,256		2
3	Small Commercial	181,604,447		870,653,153		754,673,212		827,303,079		867,864,433		807,827,202		3
4														4
5	Medium-Large Commercial	862,438,301												5
6	Non-Concurrent (100%) <sup>1</sup>		87,920		86,782		73,265		83,420		89,268		83,676	6
7	Non-Concurrent (90%) <sup>2</sup>		2,110,469		2,149,339		1,840,786		2,102,644		2,318,671		2,118,861	7
8	Maximum On-Peak Period Demand <sup>3</sup>		1,643,369		1,719,966		1,447,850		1,681,474		1,958,477		1,920,332	8
9	Maximum Demand at the Time of System Peak <sup>4</sup>		82,457		98,935		69,109		87,576		89,349		80,770	9
10	Street Lighting	5,657,804		12,511,686		5,347,886		7,801,499		6,087,162		10,024,890		10
11														11
12	Sale for Resale	13,167		11,870		9,495		821		1,112		805		12
13														13
14	Standby Customers		170,181		170,295		169,533		168,759		166,542		167,552	14
15														15
16	TOTAL	1,710,394,030		1,613,999,508		1,460,539,437		1,490,182,637		1,580,822,517		1,572,540,999		16
17														17

**NOTES:**  
<sup>1</sup> Non-Concurrent Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1  
<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU  
<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R  
<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

**Statement BG**  
**San Diego Gas and Electric Company**  
**Transmission Revenue Data to Reflect Changed Rates**  
**Recorded Billing Determinants**  
**True-Up Period January 1, 2014 to December 31, 2014**

Line No	Customer Classes	(G) Jul-14		(H) Aug-14		(I) Sep-14		(J) Oct-14		(K) Nov-14		(L) Dec-14		Line No
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	
1	Residential Customers	622,344,704		695,789,472		803,046,000		688,658,138		559,880,773		590,713,442		1
2														2
3	Small Commercial	186,264,267		192,269,129		214,706,896		188,542,740		173,640,536		161,968,376		3
4														4
5	Medium-Large Commercial	942,172,604		928,755,090		1,091,571,094		935,477,207		839,235,435		825,740,062		5
6	Non-Coincident (100%) <sup>1</sup>		81,078		85,628		91,189				81,143			6
7	Non-Coincident (90%) <sup>2</sup>		2,239,835		2,261,187		2,538,474				2,396,672			7
8	Maximum On-Peak Period Demand <sup>3</sup>		2,058,391		2,070,893		2,346,824				1,790,278			8
9	Maximum Demand at the Time of System Peak <sup>4</sup>		86,213		100,605		91,553				99,007			9
10														10
11	Street Lighting	5,579,656		7,800,137		10,059,141		5,597,297		10,245,738		7,366,162		11
12														12
13	Sale for Resale	2,238		11,362		5,832		4,679		11,300		14,983		13
14														14
15	Standby Customers		168,266		168,643		169,018				169,041			15
16														16
17	TOTAL	1,756,363,469		1,824,625,190		2,119,388,963		1,818,280,061		1,583,013,782		1,585,803,025		17

**NOTES:**  
<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs Schedules AD and PA-T-1  
<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU  
<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R  
<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs Schedule A6-TOU

**Statement BG**  
**San Diego Gas and Electric Company**  
**Transmission Revenue Data to Reflect Changed Rates**  
**Recorded Billing Determinants**  
**True-Up Period January 1, 2014 to December 31, 2014**

Line No.	Customer Classes	(M)		Line No.
		Energy (kWh)	Demand (kW)	
1	Residential Customers	7,347,369,272	-	1
2				2
3	Small Commercial	2,120,706,752	-	3
4				4
5	Medium-Large Commercial	10,553,710,872	992,146	5
6	Non-Coincident (100%) <sup>1</sup>		26,212,809	6
7	Non-Coincident (90%) <sup>2</sup>		22,481,289	7
8	Maximum On-Peak Period Demand <sup>3</sup>		1,083,123	8
9	Maximum Demand at the Time of System Peak <sup>4</sup>			9
10				10
11	Street Lighting	94,079,058	-	11
12				12
13	Sale for Resale	87,664	-	13
14				14
15	Standby Customers	-	2,028,913	15
16				16
17	TOTAL	20,115,865,954	52,798,279	17

**NOTES**

<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs. Schedules AD and PA-T-1

<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU

<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

Line No		Statement BG												Line No				
		San Diego Gas and Electric																
		FERC Recorded Sales Period: January 2014 - December 2014																
		SDG&E System Delivery Determinants																
		Winter	Winter	Winter	Summer	Summer	Summer	Summer	Summer	Summer	Summer	Summer	Winter	Winter	Winter	Total	Total	
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14	Mar-14	Apr-14	
1	SDG&E System Delivery Determinants																	
2																		
3	Customer Class Deliveries (MWh)																	
4	Residential	660,680	566,308	539,608	504,335	577,847	622,345	695,789	803,046	688,658	559,881	590,713	7,347,369					
5	Small Commercial	181,604	164,514	160,901	150,743	176,841	186,264	192,269	214,707	188,543	173,641	161,968	2,120,707					
6	Med & Large Comm (Ind (AD + PA-T-1))	21,773	23,112	17,548	22,079	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343					
7	Med & Large Comm (Ind (AL + AY + DGR))	770,368	781,284	675,798	735,796	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320					
8	Med & Large Comm (Ind (A6))	70,297	66,257	61,327	69,428	63,233	60,450	70,862	67,533	70,899	64,039	61,497	790,047					
9	Lighting	5,658	12,512	5,348	7,801	6,087	5,580	7,800	10,059	5,597	10,246	7,366	94,079					
10	Sale for Resale	13.2	11.9	9.5	0.8	1.1	2.2	11.4	5.8	4.7	11.3	15.0	87.7					
11	Total System	1,710,394	1,614,000	1,460,539	1,490,183	1,580,823	1,572,541	1,756,363	1,824,625	2,119,389	1,818,280	1,585,803	20,115,954					
12																		
13	Med. & Large Comm./Ind.																	
14	Rate Schedule Billing Determinants																	
15																		
16	Schedules AD / PA-T-1																	
17	Total Deliveries (MWh)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	19,051	285,343					
18																		
19	Total Deliveries (%)	89.59%	88.05%	93.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	88.38%	89.49%					
20	% @ Secondary Service	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	10.51%					
21	% @ Primary Service	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	% @ Transmission Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%					
23																		
24	Total Deliveries (MWh)	19,507	20,350	16,387	19,387	21,669	23,074	23,560	24,186	26,329	22,420	16,838	255,361					
25	MWh @ Secondary Service	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,327	2,606	29,982					
26	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0					
27	MWh @ Transmission Service	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	19,051	285,343					
28																		
29	Non-Concurrent Demand (%)	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3378%					
30	% @ Secondary Service	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%					
31	% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%					
32	% @ Transmission Service																	
33																		
34	Non-Concurrent Demand (MW)	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	862.635					
35	MW @ Secondary Service	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	129.511					
36	MW @ Primary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					
37	MW @ Transmission Service	87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	992.146					
38																		
39																		
40																		
41																		

Statement BG San Diego Gas and Electric														Line No
FERC Recorded Sales Period: January 2014 - December 2014														
Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
42	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320	
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Statement BG														
San Diego Gas and Electric														
FERC Recorded Sales Period: January 2014 - December 2014														
Line No	Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
78		70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
79	Schedule A6-TOU:													
80	Total Deliveries (MWh)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
81	Total Deliveries (%)	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
82	% @ Secondary Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
83	% @ Primary Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
84	% @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
85	Total Deliveries (MWh)	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
86	MWh @ Secondary Service	62,776	57,743	53,851	50,673	53,786	50,082	60,736	60,736	55,870	60,186	53,601	51,374	575,964
87	MWh @ Primary Service	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
88	MWh @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
89	Non-Coincident Demand (%)	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
90	% @ Secondary Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
91	% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
92	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
93	Non-Coincident Demand (MW)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94	MW @ Secondary Service	16,939	18,705	13,165	15,076	21,161	12,811	13,083	17,569	20,667	19,005	18,653	17,714	204,549
95	MW @ Primary Service	115,884	101,628	90,578	106,360	111,337	108,359	101,718	103,312	109,729	97,983	90,478	90,265	1,227,629
96	MW @ Transmission Service	132,823	120,333	103,742	121,436	132,498	121,171	114,801	120,881	130,596	116,988	109,131	107,979	1,432,178
97	Coincident Peak Demand (%)	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
98	% @ Secondary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
99	% @ Primary Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
100	% @ Transmission Service													
101	Coincident Demand at Time of System of Peak	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102	Coincident Peak Demand (MW)	9,763	15,266	5,457	4,272	13,027	8,180	15,146	16,911	15,290	12,941	17,223	18,139	151,617
103	MW @ Secondary Service	72,694	83,670	63,652	83,304	76,322	72,590	71,067	83,694	76,263	86,066	83,992	78,192	931,506
104	MW @ Primary Service	82,457	98,935	69,109	87,576	89,349	80,770	86,213	100,605	91,553	99,007	101,216	96,331	1,083,123
105	MW @ Transmission Service													
106	Schedule S: Standby Determinants:													
107	Contracted Standby Demand (MW)	10,549	10,549	9,938	9,815	9,815	9,715	9,688	9,688	9,688	9,522	9,522	9,542	118,031
108	MW @ Secondary Service	100,127	100,347	100,196	99,545	99,139	97,749	100,384	100,555	100,931	101,082	101,082	102,798	1,206,135
109	MW @ Primary Service	59,505	59,399	59,399	59,399	57,588	57,994	58,088	58,400	58,399	58,437	58,437	59,702	704,747
110	MW @ Transmission Service	170,181	170,295	169,533	168,759	166,542	167,552	168,266	168,643	169,018	169,041	169,041	172,042	2,028,913
111														
112	Total													
113														
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Line No	Description	Statement BG												Reference
		San Diego Gas and Electric Company FERC Recorded Sales Period: January 2014 - December 2014												
		Winter	Winter	Winter	Summer	Summer	Summer	Summer	Summer	Summer	Winter	Winter	Winter	Total
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
1	Schedules AD / PA-F-I													
2	Non-Concurrent Demand (MW) - 100%													
3	MW @ Secondary Service	74,847	74,559	64,631	75,514	74,935	72,858	73,915	74,915	77,156	69,292	68,914	61,099	862,635
4	MW @ Primary Service	13,074	12,223	8,634	9,906	14,332	10,818	7,163	10,714	14,033	11,850	10,897	5,868	129,511
5	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	Sub-Total	87,920	86,782	73,265	85,420	89,268	83,676	81,078	85,628	91,189	81,143	79,811	66,967	992,146
7														
8														
9														
10	Schedules AL-TOU/AY-TOU/DG-R													
11	Non-Concurrent Demand (MW) - 90%													
12	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
13	MW @ Primary Service	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
14	MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	-84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
15	Sub-Total	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
16	On-Peak Demand (MW)													
17	MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
18	MW @ Primary Service	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
19	MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
20	Sub-Total	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
21														
22	Schedule A6-TOU													
23	Non-Concurrent Demand (MW) - 90%													
24	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25	MW @ Primary Service	16,939	18,705	13,165	15,076	21,161	12,811	13,083	17,569	20,667	19,005	18,653	17,714	204,549
26	MW @ Transmission Service	115,884	101,628	90,578	106,360	111,337	108,359	101,718	103,312	109,729	97,983	90,478	90,265	1,227,629
27	Sub-Total	132,823	120,333	103,742	121,436	132,498	121,171	114,801	120,881	130,396	116,988	109,131	107,979	1,432,178
28														
29	Concurrent Peak Demand (MW)													
30	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31	MW @ Primary Service	9,763	15,266	5,457	4,272	13,027	8,180	15,146	16,911	15,290	12,941	17,223	18,139	151,617
32	MW @ Transmission Service	72,694	83,670	63,652	83,304	76,322	72,590	71,067	83,694	76,263	86,066	83,992	78,192	931,506
33	Sub-Total	82,457	98,935	69,109	87,576	89,349	80,770	86,213	100,605	91,553	99,007	101,216	96,331	1,083,123
34														
35	TOTAL SUMMARY													
36	Non-Concurrent Demand (MW) @ 100%													
37	MW @ Secondary Service	74,847	74,559	64,631	75,514	74,935	72,858	73,915	74,915	77,156	69,292	68,914	61,099	862,635
38	MW @ Primary Service	13,074	12,223	8,634	9,906	14,332	10,818	7,163	10,714	14,033	11,850	10,897	5,868	129,511
39	MW @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Total - NONConcurrent Demand @ 100%	87,920	86,782	73,265	85,420	89,268	83,676	81,078	85,628	91,189	81,143	79,811	66,967	992,146
41														
42	Non-Concurrent Demand (MW) @ 90%													
43	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
44	MW @ Primary Service	349,407	389,985	292,468	338,033	382,118	359,154	340,902	374,193	446,459	399,443	343,647	336,284	4,352,093
45	MW @ Transmission Service	127,302	114,658	96,983	112,851	121,711	24,308	203,499	121,558	139,647	125,359	64,392	141,039	1,393,306
46	Total - NONConcurrent Demand @ 90%	2,110,469	2,149,339	1,840,786	2,102,644	2,318,671	2,118,861	2,239,835	2,261,187	2,538,474	2,396,672	2,134,438	2,001,432	26,212,809
47														



# San Diego Gas & Electric Company

True-Up Period

Statement – BH

Revenue Data to Reflect Present Rates

Docket No. ER16-\_\_\_\_-\_\_\_\_

**Statement BH**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 Monthly Retail True-Up Period Recorded Revenues  
 12-Month True-Up Period (January 1, 2014 - December 31, 2014)

Line No	Customer Class	(A) Jan-14	(B) Feb-14	(C) Mar-14	(D) Apr-14	(E) May-14	(F) Jun-14	(G) Jul-14	(H) Aug-14	(I) Sep-14	(J) Oct-14	(K) Nov-14	(L) Dec-14	(M) Total	(N) Reference	Line No
1	Residential Customers	\$ 22,108,904	\$ 18,967,473	\$ 18,077,830	\$ 16,894,441	\$ 18,028,574	\$ 19,357,197	\$ 20,848,084	\$ 22,226,853	\$ 23,950,145	\$ 20,527,877	\$ 16,689,729	\$ 17,609,557	\$ 235,286,663	Recorded Per Books	1
2		6,574,253	5,950,928	5,833,386	5,461,832	6,116,173	6,404,296	6,752,860	6,628,334	6,932,777	6,084,121	5,601,557	5,228,455	73,568,972	Recorded Per Books	2
3	Small Commercial	21,878,792	22,345,197	19,153,543	21,896,160	25,699,933	25,708,536	26,709,061	26,155,922	27,371,897	24,508,347	19,706,059	18,447,019	279,580,466	Recorded Per Books	3
4		130,365	301,274	125,662	185,850	142,292	237,602	130,682	183,614	212,526	115,896	213,105	152,212	2,131,080	Recorded Per Books	4
5	Medium-Large Commercial	857,835	876,199	768,642	777,829	821,068	558,252	799,076	935,549	768,770	680,015	411,642	857,275	9,112,151	Recorded Per Books	5
6	Street Lighting														Recorded Per Books	6
7	Standby Revenues														Recorded Per Books	7
8															Recorded Per Books	8
9															Recorded Per Books	9
10															Recorded Per Books	10
11	TOTAL Recorded	\$ 51,550,148	\$ 48,441,071	\$ 43,959,063	\$ 45,216,112	\$ 50,808,041	\$ 52,265,882	\$ 55,239,763	\$ 56,130,272	\$ 59,236,116	\$ 51,916,255	\$ 42,622,092	\$ 42,294,518	\$ 599,679,333	Sum Lines 1, 3, 5, 7, 9	11

# San Diego Gas & Electric Company

True-Up Period

Statement BK-1

Docket No. ER16-\_\_\_\_-\_\_\_\_

San Diego Gas & Electric Company  
Statement BK-1  
Derivation of End Use Prior Year Revenue Requirements (PYRR<sub>EU</sub>)  
For the Base Period & True-Up Period Ending December 31, 2014  
(\$1,000)

Line No.		Amounts <sup>5</sup>	Reference	Line No.
1	<b>A. Revenues:</b>			1
2	Transmission Operation & Maintenance Expense	\$ 62,465	Statement AH; Page 5, Line 9	2
3				3
4	Transmission Related A&G Expense	79,884	Statement AH; Page 5, Line 56	4
5				5
6	CPUC Intervenor Funding Expense - Transmission	-	Statement AH; Page 5, Line 17	6
7				7
8	Total O&M Expenses	\$ 142,349	Sum Lines 2 thru 6	8
9				9
10	Transmission, General, Common Plant Depn. Exp., and Electric Misc. Intangible Plant Amort. Exp.	113,437	Statement AJ; Page 7, Line 17	10
11				11
12	Valley Rainbow Project Cost Amortization Expense	-	Statement AJ; Page 7, Line 19	12
13				13
14	Transmission Plant Abandoned Project Cost Amortization Expense	550	Statement AJ; Page 7, Line 23	14
15				15
16	Transmission Related Property Taxes Expense	30,122	Statement AK; Page 8, Line 27	16
17				17
18	Transmission Related Payroll Taxes Expense	2,482	Statement AK; Page 8, Line 33	18
19				19
20	Sub-Total Expense	\$ 288,940	Sum Lines 8 thru 18	20
21				21
22	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	22
23	Transmission Rate Base	2,895,781	Statement BK-1; Page 2, Line 26	23
24	Return and Associated Income Taxes	\$ 332,520	Line 22 x Line 23	24
25				25
26	South Georgia Income Tax Adjustment	\$ 2,333	Statement AQ; Page 11, Line 1	26
27	Transmission Related Amortization of Investment Tax Credits	(265)	Statement AR; Page 12, Line 1	27
28	Transmission Related Amortization of Excess Deferred Tax Liabilities	-	Statement AR; Page 12, Line 3	28
29	Transmission Related Revenue Credits	(4,019)	Statement AU; Page 13, Line 11	29
30	Transmission Related Regulatory Debits	-	Misc. Statement; Page 17, Line 1	30
31	(Gains)/Losses from Sale of Plant Held for Future Use	-	Statement AU; Page 13, Line 13	31
32				32
33	End of Prior Year Revenues (PYRR <sub>EU</sub> ) Excluding FF&U	\$ 619,509	Line 20 + Sum Lines (24 thru 31)	33
34				34
35	<b>B. Incentive ROE Project Transmission Revenue:</b>			35
36	Incentive Transmission Plant Depreciation Expense	\$ -	Statement AJ; Page 7; Line 21	36
37				37
38	Incentive Cost of Capital Rate (COCR) <sup>1</sup>	0.0000% <sup>4</sup>	Statement AV; Page 16, Line 31	38
39	Total Incentive ROE Project Transmission Rate Base	\$ -	Statement BK-1; Page 2; Line 31	39
40	Incentive ROE Project Return and Associated Income Taxes	\$ -	Line 38 x Line 39	40
41				41
42	Total Incentive ROE Project Transmission Revenue	\$ -	Sum Lines 36; 40	42
43				43
44	<b>C. Incentive Transmission Plant Abandoned Project Revenue:</b>			44
45	Incentive Transmission Plant Abandoned Project Cost Amortization Expense	\$ -	Statement AJ; Page 7; Line 25	45
46				46
47	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	\$ -	Statement BK-1; Page 2; Line 36	47
48	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	48
49	Incentive Transmission Plant Abandoned Project Return and Associated Income Taxes	\$ -	Line 47 x Line 48	49
50				50
51	Total Incentive Transmission Plant Abandoned Project Revenue	\$ -	Sum Lines 45; 49	51
52				52
53	<b>D. Incentive Transmission Construction Work In Progress (CWIP) Revenue:</b>			53
54	Incentive Transmission Construction Work In Progress <sup>2</sup>	\$ -	Statement BK-1; Page 2; Line 38	54
55	Cost of Capital Rate (COCR)	11.4829%	Statement AV; Page 15, Line 31	55
56	Incentive CWIP Return and Associated Income Taxes	\$ -	Line 54 x Line 55	56
57				57
58	Total Incentive End of Prior Year Revenues (PYRR <sub>EU,IR</sub> ) Excluding FF&U	\$ -	Sum Lines 42; 51; 56	58
59				59
60	<b>E. Total (PYRR<sub>EU</sub>) Excluding FF&amp;U <sup>3</sup></b>	<b>\$ 619,509</b>	Sum Lines 33; 58	60

<sup>1</sup> The incentive rate cost components for each ROE incentive project will be tracked and shown separately for each project and lines 36 through 40 will be repeated for each project. As a result, the data on this page may carryover to the next page.

<sup>2</sup> Incentive Transmission CWIP shall be the CWIP for which SDG&E is authorized to collect incentives under FERC Order No. 679 and will be tracked and shown for each project and lines 54 through 56 will be repeated for each project.

<sup>3</sup> Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period.

<sup>4</sup> The Incentive Cost of Capital Rate will be tracked and shown separately for each project. However, this will be entered as 0% in BK-1 when there's no incentive project to show.

<sup>5</sup> Blank lines that show up in the Formula Rate Spreadsheet will not be populated with any numbers absent a Section 205 filing to approve the blank lines.

San Diego Gas & Electric Company  
Statement BK-1  
Derivation of End Use Prior Year Revenue Requirements (PYRR<sub>EU</sub>)  
For the Base Period & True-Up Period Ending December 31, 2014  
(\$1,000)

Line No.		Amounts	Reference	Line No.
	<b><u>A. Transmission Rate Base:</u></b>			
1	Net Transmission Plant:			1
2	Transmission Plant	\$ 3,253,172	Statement BK-1; Page 3; Line 16	2
3	Transmission Related Electric Miscellaneous Intangible Plant	14,066	Statement BK-1; Page 3; Line 17	3
4	Transmission Related General Plant	30,066	Statement BK-1; Page 3; Line 18	4
5	Transmission Related Common Plant	47,441	Statement BK-1; Page 3; Line 19	5
6	Total Net Transmission Plant	<u>\$ 3,344,745</u>	Sum Lines 2 thru 5	6
7				7
8	<b><u>Rate Base Additions:</u></b>			8
9	Transmission Plant Held for Future Use	\$ 6,546	Statement AG; Page 4; Line 1	9
10	Transmission Plant Abandoned Project Cost	-	Misc. Statement; Page 17, Line 4	10
11	Total Rate Base Additions	<u>\$ 6,546</u>	Sum Lines 9 thru 10	11
12				12
13	<b><u>Rate Base Reductions:</u></b>			13
14	Transmission Related Accum. Def. Inc. Taxes	\$ (514,923)	Statement AF; Page 3; Line 5	14
15	Transmission Plant Abandoned Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 9	15
16	Total Rate Base Reductions	<u>\$ (514,923)</u>	Sum Lines 14 thru 15	16
17				17
18	<b><u>Working Capital:</u></b>			18
19	Transmission Related Materials and Supplies	\$ 26,271	Statement AL; Page 9; Line 5	19
20	Transmission Related Prepayments	15,348	Statement AL; Page 9; Line 9	20
21	Transmission Related Cash Working Capital	17,794	Statement AL; Page 9; Line 19	21
22	Total Working Capital	<u>\$ 59,413</u>	Sum Lines 19 thru 21	22
23				23
24	Other Regulatory Assets/Liabilities	-	Misc. Statement; Page 17, Line 7	24
25				25
26	Total Transmission Rate Base	<u>\$ 2,895,781</u>	Sum Lines 6; 11; 16; 22; 24	26
27				27
28	<b><u>B. Incentive ROE Project Transmission Rate Base:</u></b>			28
29	Net Incentive Transmission Plant <sup>1</sup>	\$ -	Statement BK-1; Page 3; Line 25	29
30	Incentive Transmission Plant Accum. Def. Income Taxes	-	Statement AF; Page 3; Line 7	30
31	Total Incentive ROE Project Transmission Rate Base	<u>\$ -</u>	Sum Lines 29 thru 30	31
32				32
33	<b><u>C. Incentive Transmission Plant Abandoned Project Rate Base:</u></b>			33
34	Incentive Transmission Plant Abandoned Project Cost	\$ -	Misc. Statement; Page 17, Line 10	34
35	Incentive Transmission Plant Abandoned Project Cost Accum. Def. Inc. Taxes	-	Statement AF; Page 3; Line 11	35
36	Total Incentive Transmission Plant Abandoned Project Cost Rate Base	<u>\$ -</u>	Sum Lines 34 thru 35	36
37				37
38	<b><u>D. Incentive Transmission Construction Work In Progress <sup>2</sup></u></b>	<u>\$ -</u>	Statement AM; Page 10; Line 1	38

<sup>1</sup> The Incentive ROE Transmission Plant will be tracked and shown for each incentive project and lines 29 through 31 will be repeated for each project.

<sup>2</sup> Incentive CWIP projects will be tracked separately and line 38 will be shown for each project.

San Diego Gas & Electric Company  
Statement BK-1  
Derivation of End Use Prior Year Revenue Requirements (PYRR<sub>EU</sub>)  
For the Base Period & True-Up Period Ending December 31, 2014  
(\$1,000)

Line No.	Amounts	Reference	Line No.
<b><u>A. Transmission Plant:</u></b>			
1			1
<b><u>Gross Transmission Plant:</u></b>			
2	\$ 3,958,529	Statement AD; Page 1, Line 15	2
3	19,111	Statement AD; Page 1, Line 31	3
4	48,644	Statement AD; Page 1, Line 33	4
5	98,644	Statement AD; Page 1, Line 35	5
6	<u>\$ 4,124,928</u>	Sum Lines 2 thru 5	6
7			7
<b><u>Transmission Related Depreciation Reserve:</u></b>			
8			8
9	\$ 705,357	Statement AE; Page 2, Line 1	9
10	5,045	Statement AE; Page 2, Line 11	10
11	18,578	Statement AE; Page 2, Line 13	11
12	51,203	Statement AE; Page 2, Line 15	12
13	<u>\$ 780,183</u>	Sum Lines 9 thru 12	13
14			14
<b><u>Net Transmission Plant:</u></b>			
15			15
16	\$ 3,253,172	Line 2 Minus Line 9	16
17	14,066	Line 3 Minus Line 10	17
18	30,066	Line 4 Minus Line 11	18
19	47,441	Line 5 Minus Line 12	19
20	<u>\$ 3,344,745</u>	Sum Lines 16 thru 19	20
21			21
<b><u>B. Incentive Project Transmission Plant:</u></b>			
22			22
23	\$ -	Statement AD; Page 1, Line 17	23
24	-	Statement AE; Page 2, Line 19	24
25	<u>\$ -</u>	Line 23 Minus Line 24	25

<sup>1</sup> The Incentive ROE Transmission Plant and depreciation reserve will be tracked and shown for each incentive project and lines 23 and 24 will be repeated for each project.



San Diego Gas & Electric Company  
Statement BK-1  
Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC<sub>EU</sub>)  
For the Forecast Period January 1, 2015 - December 31, 2016  
(\$1,000)

Line No.	Amounts	Reference	Line No.
<b><u>ANNUAL FIXED CHARGES APPLICABLE TO CAPITAL PROJECTS</u></b>			
1			1
<b><u>A. Derivation of Annual Fix Charge Rate (AFCR<sub>EU</sub>) Applicable to</u></b>			
2			2
<b><u>Weighted Forecast Plant Additions:</u></b>			
3	\$ 619,509	Statement BK-1; Page 1; Line 33	3
4	(31,233)	Statement BK-1; Page 1; Line 2 * 50%	4
5	(39,942)	Statement BK-1; Page 1; Line 4 * 50%	5
6	-	Statement BK-1; Page 1; Line 6	6
7	-	Statement BK-1; Page 1; Line 12	7
8	(2,333)	Statement BK-1; Page 1; Line 26	8
9	265	Statement BK-1; Page 1; Line 27	9
10	-	Statement BK-1; Page 1; Line 28	10
11	-	Statement BK-1; Page 1; Line 31	11
12	<u>\$ 546,266</u>	Sum Lines 3 thru 11	12
13			13
14	<u>\$ 4,124,928</u>	Statement BK-1; Page 3, Line 6	14
15			15
16	13.2430%	Line 12 / Line 14	16
17			17
18	<u>\$ -</u>	Summary of HV-LV Plant Additions; Pg 1; Ln 5, Col. (f)	18
19			19
20	<u>\$ -</u>	Line 16 x Line 18	20

San Diego Gas & Electric Company  
Statement BK-1

Derivation of End Use Forecast Period Capital Additions Revenue Requirements (FC<sub>EU</sub>)

For the Forecast Period January 1, 2015 - December 31, 2016

(\$1,000)

Line No.	Amounts	Reference	Line No.
<b><u>ANNUAL FIXED CHARGES APPLICABLE TO INCENTIVE CAPITAL PROJECTS</u></b>			
1			1
2			2
3			3
4			4
5			5
6			6
7			7
8			8
9			9
10			10
11			11
12			12
13			13
14			14
15			15
16			16
17			17
18			18
19			19
20			20
21			21
22			22
23			23
24			24
25			25
26			26
27			27
28			28
29			29
30			30
31			31
32			32
33			33
34			34
35			35
36			36
37			37

<sup>1</sup> The Incentive Annual Fixed Charge Rate will be tracked and shown for each incentive project as applicable.



San Diego Gas & Electric Company  
Statement BK-1  
Derivation of End Use Base Transmission Revenue Requirements (BTRR<sub>EU</sub>)  
For the Rate Effective Period January 1, 2016 - December 31, 2016  
(S1,000)

Line No.	Amounts	Reference	Line No.	
1	<b><u>A. End Use Customer Base Transmission Revenue Requirement (BTRR<sub>EU</sub>):</u></b>		1	
2			2	
3	End of Prior Year Revenues (PYRR <sub>EU</sub> ) Excluding FF&U	\$ 619,509	Statement BK-1; Page 1; Line 33	3
4			4	
5	Incentive End of Prior Year Revenues (PYRR <sub>EU-IR</sub> ) Excluding FF&U	-	Statement BK-1; Page 1; Line 58	5
6			6	
7	Sub-Total Base Period Revenues	\$ 619,509	Sum Lines 3 thru 5	7
8			8	
9	Retail True-Up Period Adjustment	\$ -	(Retail TU Adj; Total Col; Line 29) / 1,000	9
10			10	
11	Retail Interest True-Up Adjustment	-	(Retl Int TU-1 + Retl Int TU-2; Ttl Col; Ln 20)/1,000	11
12			12	
13	Sub-Total True-Up Adjustments	\$ -	Sum Lines 9 thru 11	13
14			14	
15	<b><u>B. Annual Fixed Charges Applicable to Capital Projects:</u></b>		15	
16			16	
17	Forecast Period Capital Addition Revenue Requirements	\$ -	Statement BK-1; Page 4, Line 20	17
18			18	
19	<b><u>C. Annual Fixed Charges Applicable to Incentive Capital Projects:</u></b>		19	
20			20	
21	Forecast Period Incentive Capital Additions Revenue Requirements (FC <sub>EU-IR-ROE</sub> )	\$ -	Statement BK-1; Page 5, Line 20	21
22			22	
23	<b><u>D. Incentive Forecast Transmission CWIP Revenues:</u></b>		23	
24			24	
25	Incentive Transmission Forecast CWIP Projects Revenue Requirements	\$ -	Statement BK-1; Page 5, Line 37	25
26			26	
27	<b><u>E. Subtotal BTRR<sub>EU</sub> Excluding FF&amp;U:</u></b>	\$ 619,509	Sum Lines 7; 13; 17; 21; 25	27
28			28	
29	Transmission Related Municipal Franchise Fees Expenses	6,387	Line 27 x 1.031%	29
30	Transmission Related Uncollectible Expense	1,078	Line 27 x 0.174%	30
31			31	
32	<b><u>F. Total Retail BTRR<sub>EU</sub> With FF&amp;U</u></b>	<u>\$ 626,974</u>	Sum Lines 27 thru 30	32

# San Diego Gas & Electric Company

## True-Up Period

### Statement BL - Rate Design

Docket No. ER16-\_\_\_\_-\_\_\_\_

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 T04-Cycle 3 Annual Transmission Formulaic Rate Filing  
 True-Up Period Rate Design Information  
 For the True-Up Period January 1, 2014 - December 31, 2014  
 Summary of Transmission Rates

Line No	Customer Classes	(A) Transmission Energy Rates \$/kWh	(B) Transmission Level Demand Rates \$/kW-Mo	(C) Primary Level Demand Rates \$/kW-Mo	(D) Secondary Level Demand Rates \$/kW-Mo	Reference	Line No
1	Residential	\$ 0.0356338780				Statement BL, Page 3, Line 7	1
2							2
3	Small Commercial	\$ 0.0329801711				Statement BL, Page 4, Line 7	3
4							4
5	Medium & Large Commercial/Industrial						5
6	Non-Coincident Demand (100%) <sup>1</sup>		\$ 10.0324611307	\$ 10.1408117110	\$ 10.4909446044	Statement BL, Page 5; Lines 35;34;33	6
7							7
8	Non-Coincident Demand (90%) <sup>2</sup>		\$ 9.0292150177	\$ 9.1267305399	\$ 9.4418501440	Statement BL, Page 6, Lines 8,7,6	8
9							9
10	Maximum On-Peak Period Demand <sup>3</sup>						10
11	Summer		\$ 1.9222835671	\$ 1.9430442296	\$ 2.0101319261	Statement BL, Page 7, Lines 37, 36, 35	11
12	Winter		\$ 0.4105016854	\$ 0.4149351036	\$ 0.4292616124	Statement BL, Page 8, Lines 30, 29, 28	12
13							13
14	Maximum Demand at the Time of System Peak <sup>4</sup>						14
15	Summer		\$ 2.5626764460	\$ 2.5903533516	\$ -	Statement BL, Page 9; Lines 37, 36, 35	15
16	Winter		\$ 0.4528644482	\$ 0.4577553843	\$ -	Statement BL; Page 10, Lines 33, 32, 31	16
17							17
18	Street Lighting	\$ 0.0245199431				Statement BL, Page 11, Line 7	18
19							19
20	Standby Rate		\$ 4.7441938852	\$ 4.7954311792	\$ 4.9610035458	Statement BL, Page 12, Lines 35;34;33	20

**NOTES:**

<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs Schedules AD and PA-T-1

<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU

<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs Schedule A6-TOU

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Allocation of Base Transmission Revenue Requirements (BTRR) Based on 12 CPs**  
**(\$1,000)**

Line No.	Customer Classes	(A) Total 12 CPs @ Transmission Level <sup>2</sup>	(B) Percentages <sup>3</sup>	(C) Allocated Base Transmission Revenue Requirement	Reference	Line No
1	Total Base Transmission Revenue Requirement <sup>1</sup>			\$ 626,974	Statement BK-1; Page 6; Line 32	1
2						2
3	<u>Allocation of BTRR Based on 12-CP.</u>					3
4	Residential	16,754,356	41.759%	\$ 261,815	Col.C Ln 4 = Col C Ln1 x Col B. Ln 4	4
5	Small Commercial	4,475,755	11 155%	\$ 69,941	Col.C Ln 5 = Col C Ln1 x Col B. Ln 5	5
6	Medium & Large Commercial/Industrial	18,122,684	45.169%	\$ 283,198	Col.C Ln 6 = Col C Ln1 x Col B. Ln 6	6
7	Street Lighting Revenues	147,620	0.368%	\$ 2,307	Col.C Ln 7 = Col C Ln1 x Col B. Ln 7	7
8	Standby Revenues	621,561	1 549%	\$ 9,713	Col.C Ln 8 = Col C Ln1 x Col B. Ln 8	8
9						9
10	Total	40,121,976	100.00%	\$ 626,974	Sum Lines 4 thru 8	10
11						11
12	Total	40,121,976		\$ 626,974	Line 10	12

**NOTES:**

- <sup>1</sup> Total Base TRR comes from TO4-Cycle 3 Section 2.1A Page 2 Line 19 and Statement BK1 Page 6 Line 32
- <sup>2</sup> See Statement BL; Page 14; Column D.
- <sup>3</sup> See Statement BL, Page 14; Column E.

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Residential Customers<sup>1</sup>**  
**(\$000)**

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 261,815	Statement BL; Page 2; Col. (C); Line 4	1
2	Billing Determinants - Residential Customer Class (MWh):	7,347,369	Statement BL; Page 16.1; Line 4	2
3	Residential Energy Rate Per kWh	\$ 0.0356338780	Line 1 / Line 3	3
4	Residential Energy Rate Per kWh - Rounded	\$ 0.0356338780	Line 5, Rounded to 10 Decimal Places	4
5	Proof of Revenues	\$ 261,815	Line 7 x Line 3	5
6	Difference	\$ 0	Line 1 - Line 9	6
7				7
8				8
9				9
10				10
11				11

**NOTES:**  
<sup>1</sup> Residential customers include the following California Public Utilities Commission (CPUC) tariffs:  
 DR, DR-LI, DR-TOU, DR-TOU-DER, DR-SES, DM, DS, DT, DT-RV, EV-TOU, EV-TOU-2, EV-TOU-3.

**Statement BL**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Small Commercial Customers<sup>1</sup>**  
**(\$000)**

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 69,941	Statement BL; Page 2; Col. (C); Line 5	1
2	Billing Determinants - Small Commercial (MWh):	2,120,707	Statement BL; Page 16.1; Line 5	2
3	Rate Per kWh Calculation	\$ 0.0329801711	Line 1 / Line 3	3
4	Rate Per kWh Calculation - Rounded	\$ 0.0329801711	Line 5, Rounded to 10 Decimal Places	4
5	Proof of Revenues	\$ 69,941	Line 7 x Line 3	5
6	Difference	\$ 0	Line 1 - Line 9	6
7				7
8				8
9				9
10				10
11				11

**NOTES:**  
<sup>1</sup> Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs:  
 A, A-TC, A-TOU, P.A.

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers <sup>1</sup>**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I - Demand Revenue Requirement	\$ 283,198	Statement BL, Page 2, Col (C), Line 6	1
2	<u>Demand Determinants @ Transmission Level Used to Allocate</u>			2
3	<u>Total Class Revenues to Voltage Level with Loss Factor Adjustment (MW) <sup>2</sup></u>			3
4	Secondary	22,305	Statement BL, Page 15, Col D, Line 23	4
5	Primary	4,530	Statement BL, Page 15, Col D, Line 24	5
6	Transmission	1,393	Statement BL, Page 15, Col D, Line 25	6
7	Total	28,228	Sum Lines 4, 5, 6	7
8	<u>Allocation Factors Per Above to Allocate</u>			8
9	<u>Demand Revenue Requirements to Voltage Level:</u>			9
10	Secondary	79 02%	Line 4 / Line 7	10
11	Primary	16 05%	Line 5 / Line 7	11
12	Transmission	4 94%	Line 6 / Line 7	12
13	Total	100 00%	Sum Lines 10, 11, 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level			15
16	Secondary	\$ 223,772	Line 1 x Line 10	16
17	Primary	\$ 45,447	Line 1 x Line 11	17
18	Transmission	\$ 13,978	Line 1 x Line 12	18
19	Total	\$ 283,198	Sum Lines 16, 17, 18	19
20				20
21	Demand Determinants By Voltage Level @ Meter Level (MW)			21
22	Secondary	21,330	Statement BL, Page 15, Col B, Line 23	22
23	Primary	4,482	Statement BL, Page 15, Col B, Line 24	23
24	Transmission	1,393	Statement BL, Page 15, Col B, Line 25	24
25	Total	27,205	Sum Lines 22, 23, 24	25
26				26
27	Demand Rate By Voltage @ Meter			27
28	Secondary	\$ 10 4909446044	Line 16 / Line 22	28
29	Primary	\$ 10 1408117110	Line 17 / Line 23	29
30	Transmission	\$ 10 0324611307	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage @ Meter (Rounded)			32
33	Secondary	\$ 10 4909446044	Line 28, Rounded to 10 Decimal Places	33
34	Primary	\$ 10 1408117110	Line 29, Rounded to 10 Decimal Places	34
35	Transmission	\$ 10 0324611307	Line 30, Rounded to 10 Decimal Places	35
36				36
37	<u>Proof of Revenue Calculations</u>			37
38	Secondary	\$ 223,772	Line 22 x Line 33	38
39	Primary	\$ 45,447	Line 23 x Line 34	39
40	Transmission	\$ 13,978	Line 24 x Line 35	40
41	Total	\$ 283,197	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ 1	Line 1 - Line 41	43

**NOTES**

<sup>1</sup> Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs  
AD, AY-TOU, AL-TOU, AL-TOU-DER, DGR, A6-TOU, PA-T-1

<sup>2</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000

<sup>3</sup> NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs  
AD, PA-T-1

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	<b>Rate Proposal 90% of Total M&amp;L C&amp;I NCD Rates: <sup>1</sup></b>	90 00%		1
2	Secondary	\$ 9 4418501440	90% x Statement BL, Page 5, Line 33	2
3	Primary	\$ 9 1267305399	90% x Statement BL, Page 5, Line 34	3
4	Transmission	\$ 9 0292150177	90% x Statement BL, Page 5, Line 35	4
5	<b>Rate Proposal 90% of Total M&amp;L C&amp;I NCD Rates (Rounded)</b>			5
6	Secondary	\$ 9 4418501440	Line 2, Rounded to 10 Decimal Places	6
7	Primary	\$ 9 1267305399	Line 3, Rounded to 10 Decimal Places	7
8	Transmission	\$ 9 0292150177	Line 4, Rounded to 10 Decimal Places	8
9	<b>Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand: <sup>2</sup></b>			9
10	NCD Determinants By Voltage Level @ Meter Level (MW)			10
11	Secondary <sup>4</sup>	20,467	Statement BL, Page 15, Col B, Line 10	11
12	Primary <sup>4</sup>	4,148	Statement BL, Page 15, Col B, Line 11	12
13	Transmission <sup>4</sup>	166	Statement BL, Page 15, Col B, Line 12	13
14	Total	24,781	Sum Lines 11, 12, 13	14
15	<b>Annual Revenues from Current NCD Rate 100% of Total M&amp;L C&amp;I NCD Rates:</b>			15
16	Secondary	\$ 214,722	Line 11 x Statement BL, Page 5, Line 33	16
17	Primary	\$ 42,059	Line 12 x Statement BL, Page 5, Line 34	17
18	Transmission	\$ 1,662	Line 13 x Statement BL, Page 5, Line 35	18
19	Total	\$ 258,444	Sum Lines 16, 17, 18	19
20	<b>Annual Revenues from Proposed NCD Rate 90% of Total M&amp;L C&amp;I NCD Rates:</b>			20
21	Secondary	\$ 193,250	Line 6 x Line 11	21
22	Primary	\$ 37,854	Line 7 x Line 12	22
23	Transmission	\$ 1,496	Line 8 x Line 13	23
24	Total	\$ 232,600	Sum Lines 21, 22, 23	24
25	<b>Revenue Reallocation to Maximum On-Peak Period Demands:</b>			25
26	Secondary	\$ 21,472	Line 16 - Line 21	26
27	Primary	\$ 4,206	Line 17 - Line 22	27
28	Transmission	\$ 166	Line 18 - Line 23	28
29	Total - Reallocated to MAXIMUM ON-PEAK PERIOD DEMANDS	\$ 25,844	Sum Lines 26, 27, 28	29
30	<b>Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak:<sup>3</sup></b>			30
31	NCD Determinants By Voltage Level @ Meter Level (MW)			31
32	Secondary <sup>4</sup>	-	Statement BL, Page 15, Col B, Line 17	32
33	Primary <sup>4</sup>	205	Statement BL, Page 15, Col B, Line 18	33
34	Transmission <sup>4</sup>	1,228	Statement BL, Page 15, Col B, Line 19	34
35	Total	1,432	Sum Lines 32, 33, 34	35
36	<b>Annual Revenues from Current NCD Rate 100% of Total M&amp;L C&amp;I NCD Rates:</b>			36
37	Secondary	\$ -	Line 32 x Statement BL, Page 5, Line 33	37
38	Primary	\$ 2,074	Line 33 x Statement BL, Page 5, Line 34	38
39	Transmission	\$ 12,316	Line 34 x Statement BL, Page 5, Line 35	39
40	Total	\$ 14,390	Sum Lines 37, 38, 39	40
41	<b>Annual Revenues from Proposed NCD Rate 90% of Total M&amp;L C&amp;I NCD Rates:</b>			41
42	Secondary	\$ -	Line 6 x Line 32	42
43	Primary	\$ 1,867	Line 7 x Line 33	43
44	Transmission	\$ 11,085	Line 8 x Line 34	44
45	Total	\$ 12,951	Sum Lines 42, 43, 44	45
46	<b>Revenue Reallocation to Maximum Demand at the Time of System Peak:</b>			46
47	Secondary	\$ -	Line 37 - Line 42	47
48	Primary	\$ 207	Line 38 - Line 43	48
49	Transmission	\$ 1,232	Line 39 - Line 44	49
50	Total	\$ 1,439	Sum Lines 47, 48, 49	50

## NOTES

<sup>1</sup> 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs

AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU

<sup>2</sup> 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs

AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>3</sup> 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs

A6-TOU

<sup>4</sup> Represents NCD billing determinants based on Maximum On-Peak Period Demand during the period in which the new rate structure was in effect



**Statement BL**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands <sup>1</sup>	\$ 25,844	Statement BL, Page 6, Line 29	2
3				3
4	Summer - Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	8,321	Statement BL, Page 15, Col B, Line 30	5
6	Primary	1,902	Statement BL, Page 15, Col B, Line 31	6
7	Transmission	132	Statement BL, Page 15, Col B, Line 32	7
8	Total	10,355	Sum Lines 5, 6, 7	8
9	Summer - Maximum On-Peak Period Demands By Voltage Level @ Trans Level (MW)			9
10	Secondary	8,701	Statement BL, Page 15, Col D, Line 30	10
11	Primary	1,923	Statement BL, Page 15, Col D, Line 31	11
12	Transmission	132	Statement BL, Page 15, Col D, Line 32	12
13				13
14	Total	10,756	Sum Lines 11, 12, 13	14
15	Summer Maximum On-Peak Period Allocation to Voltage Levels			15
16	Secondary	80 89%	Line 11 / Line 14	16
17	Primary	17 88%	Line 12 / Line 14	17
18	Transmission	1 23%	Line 13 / Line 14	18
19				19
20	Total	100 00%	Sum Lines 17, 18, 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80 00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates			22
23	Secondary	\$ 16,725	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,696	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 254	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 20,676	Sum Lines 23, 24, 25	26
27	Summer Maximum On-Peak Period Demand Rates <sup>3</sup>	\$/kW		27
28	Secondary	\$ 2 0101319261	Line 23 / Line 5	28
29	Primary	\$ 1 9430442296	Line 24 / Line 6	29
30	Transmission	\$ 1 9222835671	Line 25 / Line 7	30
31				31
32				32
33	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		33
34	Secondary	\$ 2 0101319261	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 1 9430442296	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 1 9222835671	Line 31, Rounded to 10 Decimal Places	36
37				37
38				38

**NOTES**

<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	9,642	Statement BL, Page 15, Col B, Line 35	2
3	Primary	2,277	Statement BL, Page 15, Col B, Line 36	3
4	Transmission	207	Statement BL, Page 15, Col B, Line 37	4
5	Total	12,126	Sum Lines 3, 4, 5	5
6	Winter Maximum On-Peak Period Demands @ Transmission Level (MW)			6
7	Secondary	10,083	Statement BL, Page 15, Col D, Line 35	7
8	Primary	2,301	Statement BL, Page 15, Col D, Line 36	8
9	Transmission	207	Statement BL, Page 15, Col D, Line 37	9
10	Total	12,592	Sum Lines 3, 4, 5	10
11	Winter Maximum On-Peak Period Allocation to Voltage Levels			11
12	Secondary	80 08%	Line 7 / Line 10	12
13	Primary	18 28%	Line 8 / Line 10	13
14	Transmission	1 64%	Line 9 / Line 10	14
15	Total	100 00%	Sum Lines 12, 13, 14	15
16	Share of Total Revenue Allocation to Winter Peak Period (October through April)	20 00%		16
17	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates			17
18	Secondary	\$ 4,139	(Page 7, Line 2 x Page 8, Line 16) x Line 12	18
19	Primary	\$ 945	(Page 7, Line 2 x Page 8, Line 16) x Line 13	19
20	Transmission	\$ 85	(Page 7, Line 2 x Page 8, Line 16) x Line 14	20
21	Total	\$ 5,169	Sum Lines 18, 19, 20	21
22	Winter Maximum On-Peak Period Demand Rates <sup>5</sup>	\$/kW		22
23	Secondary	\$ 0 4292616	Line 18 / Line 2	23
24	Primary	\$ 0 4149351	Line 19 / Line 3	24
25	Transmission	\$ 0 4105017	Line 20 / Line 4	25
26				26
27	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		27
28	Secondary	\$ 0 4292616124	Line 23, Rounded to 10 Decimal Places	28
29	Primary	\$ 0 4149351036	Line 24, Rounded to 10 Decimal Places	29
30	Transmission	\$ 0 4105016854	Line 25, Rounded to 10 Decimal Places	30
31				31
32	<u>Proof of Revenue Calculations</u>			32
33	Secondary	\$ 20,864	(Page 7, Line 23) + (Page 8, Line 18)	33
34	Primary	\$ 4,641	(Page 7, Line 24) + (Page 8, Line 19)	34
35	Transmission	\$ 339	(Page 7, Line 25) + (Page 8, Line 20)	35
36	Total	\$ 25,844	Sum Lines 33, 34, 35	36
37	Difference	\$ (0)	Page 7, Line 2 - Page 8, Line 36	37
38				38

**NOTES**

<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000

**Statement BL**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak <sup>1</sup>	\$ 1,439	Statement BL, Page 6, Line 50	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	-	Statement BL, Page 15, Col B, Line 42	5
6	Primary	69	Statement BL, Page 15, Col B, Line 43	6
7	Transmission	380	Statement BL, Page 15, Col B, Line 44	7
8	Total	448	Sum Lines 5, 6, 7	8
9	Summer Maximum Demand at the Time of System Peak @ Transmission Level (MW)			9
10	Secondary	-	Statement BL, Page 15, Col D, Line 42	10
11	Primary	69	Statement BL, Page 15, Col D, Line 43	11
12	Transmission	380	Statement BL, Page 15, Col D, Line 44	12
13	Total	449	Sum Lines 11, 12, 13	13
14				14
15	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			15
16	Secondary	0 00%	Line 11 / Line 14	16
17	Primary	15 43%	Line 12 / Line 14	17
18	Transmission	84 57%	Line 13 / Line 14	18
19	Total	100 00%	Sum Lines 17, 18, 19	19
20				20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80 00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates			22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 178	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 974	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,151	Sum Lines 23, 24, 25	26
27	Summer Maximum Demand at the Time of System Peak Rates <sup>3</sup>	\$/kW		27
28	Secondary	\$ -	Line 23 / Line 5	28
29	Primary	\$ 2 5903533516	Line 24 / Line 6	29
30	Transmission	\$ 2 5626764460	Line 25 / Line 7	30
31				31
32				32
33	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		33
34	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	34
35	Primary	\$ 2 5903533516	Line 30, Rounded to 10 Decimal Places	35
36	Transmission	\$ 2 5626764460	Line 31, Rounded to 10 Decimal Places	36
37				37
38				38

**NOTES**

<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

**Statement BL**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Medium-Large Commercial Customers**  
**(\$000)**

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	-	Statement BL, Page 15, Col B, Line 47	2
3	Primary	83	Statement BL, Page 15, Col B, Line 48	3
4	Transmission	552	Statement BL, Page 15, Col B, Line 49	4
5	Total	635	Sum Lines 2, 3, 4	5
6	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			6
7	Secondary	-	Statement BL, Page 15, Col D, Line 47	7
8	Primary	84	Statement BL, Page 15, Col D, Line 48	8
9	Transmission	552	Statement BL, Page 15, Col D, Line 49	9
10	Transmission	552	Statement BL, Page 15, Col D, Line 49	10
11	Total	636	Sum Lines 8, 9, 10	11
12	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			12
13	Secondary	0 00%	Line 8 / Line 11	13
14	Primary	13 21%	Line 9 / Line 11	14
15	Primary	13 21%	Line 9 / Line 11	15
16	Transmission	86 79%	Line 10 / Line 11	16
17	Total	100 00%	Sum Lines 14, 15, 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20 00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates			19
20	Secondary	\$ -	(Page 9, Line 2 x Page 10, Line 18) x Line 14	20
21	Primary	\$ 38	(Page 9, Line 2 x Page 10, Line 18) x Line 15	21
22	Transmission	\$ 250	(Page 9, Line 2 x Page 10, Line 18) x Line 16	22
23	Total	\$ 288	Sum Lines 20, 21, 22	23
24	Winter Maximum Demand at the Time of System Peak Rates <sup>5</sup>	\$/kW		24
25	Secondary	\$ -	Line 20 / Line 2	25
26	Secondary	\$ -	Line 20 / Line 2	26
27	Primary	\$ 0 4577553843	Line 21 / Line 3	27
28	Transmission	\$ 0 4528644482	Line 22 / Line 4	28
29	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		29
30	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		30
31	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	31
32	Primary	\$ 0 4577553843	Line 27, Rounded to 10 Decimal Places	32
33	Transmission	\$ 0 4528644482	Line 28, Rounded to 10 Decimal Places	33
34	Proof of Revenue Calculations			34
35	Proof of Revenue Calculations			35
36	Secondary	\$ -	(Page 9, Line 23) + (Page 10, Line 20)	36
37	Primary	\$ 216	(Page 9, Line 24) + (Page 10, Line 21)	37
38	Transmission	\$ 1,223	(Page 9, Line 25) + (Page 10, Line 22)	38
39	Total	\$ 1,439	Sum Lines 36, 37, 38	39
40	Difference	\$ -	Page 9, Line 2 - Page 10, Line 39	40

**NOTES**

<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs A6-TOU

<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs A6-TOU

<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs A6-TOU

<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs A6-TOU

<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs A6-TOU

<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Street Lighting Customers**  
**(\$000)**

Line No.	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 2,307	Statement BL; Page 2; Col. (C); Line 7	1
2				2
3	Billing Determinants - Street Lighting Customers (MWh) <sup>1</sup> :	94,079	Statement BL; Page 16.1; Line 9	3
4				4
5	Rate Per kWh Calculation	\$ 0.0245199431	Line 1 / Line 3	5
6				6
7	Rate Per kWh Calculation - Rounded	\$ 0.0245199431	Line 5, Rounded to 10 Decimal Places	7
8				8
9	Proof of Revenues:	\$ 2,307	Line 3 x Line 7	9
10				10
11	Difference	\$ (0)	Line 1 - Line 9	11

**NOTES:**  
<sup>1</sup> Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs:  
 DWL, OL-1, LS-1, LS-2, LS-3.

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Standby Revenues Calculation**  
**(\$000)**

Line No	Description	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	Standby - Demand Revenue Requirement	\$ 9,713	Statement BL, Page 2, Col (C), Line 8	1
2	<i>Demand Determinants @ Transmission Level Used to Allocate</i>			2
3	<i>Total Class Revenues to Voltage Level with Loss Factor Adjustment (MW) <sup>1</sup></i>			3
4	Secondary	123	Statement BL, Page 15, Col D, Line 58	4
5	Primary	1,219	Statement BL, Page 15, Col D, Line 59	5
6	Transmission	705	Statement BL, Page 15, Col D, Line 60	6
7	Total	2,047	Sum Lines 4, 5, 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level</i>			9
10	Secondary	6 03%	Line 4 / Line 7	10
11	Primary	59 55%	Line 5 / Line 7	11
12	Transmission	34 42%	Line 6 / Line 7	12
13	Total	100 00%	Sum Lines 10, 11, 12	13
14				14
15	Allocation of Revenue Requirements to Voltage Level			15
16	Secondary	\$ 586	Line 1 x Line 10	16
17	Primary	\$ 5,784	Line 1 x Line 11	17
18	Transmission	\$ 3,343	Line 1 x Line 12	18
19	Total	\$ 9,713	Sum Lines 16, 17, 18	19
20				20
21	Demand Determinants By Voltage Level @ Meter (MW)			21
22	Secondary	118	Statement BL, Page 15, Col B, Line 58	22
23	Primary	1,206	Statement BL, Page 15, Col B, Line 59	23
24	Transmission	705	Statement BL, Page 15, Col B, Line 60	24
25	Total	2,029	Sum Lines 22, 23, 24	25
26				26
27	Demand Rate By Voltage Level @ Meter			27
28	Secondary	\$ 4 9610035458	Line 16 / Line 22	28
29	Primary	\$ 4 7954311792	Line 17 / Line 23	29
30	Transmission	\$ 4 7441938852	Line 18 / Line 24	30
31				31
32	Demand Rate By Voltage Level @ Meter (Rounded)			32
33	Secondary	\$ 4 9610035458	Line 28, Rounded to 10 Decimal Places	33
34	Primary	\$ 4 7954311792	Line 29, Rounded to 10 Decimal Places	34
35	Transmission	\$ 4 7441938852	Line 30, Rounded to 10 Decimal Places	35
36				36
37	<u>Proof of Revenue Calculations</u>			37
38	Secondary	\$ 586	Line 22 x Line 33	38
39	Primary	\$ 5,784	Line 23 x Line 34	39
40	Transmission	\$ 3,343	Line 24 x Line 35	40
41	Total	\$ 9,713	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43

NOTES

<sup>1</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000

**Statement BL**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Summary of Proof of Revenues**  
**(\$1,000)**

Line No.	Customer Classes	(A) Total Revenues Per Cost of Service Study	(B) Total Revenues Per Rate Design	(C) Difference	Reference	Line No.
1	Residential Customers	\$ 261,815	\$ 261,815	\$ 0	Statement BL; Pages 2 & 3	1
2						2
3	Small Commercial	69,941	69,941	0	Statement BL; Pages 2 & 4	3
4						4
5	Medium-Large Commercial	283,198	283,198	0	Statement BL; Pages 2 & 5	5
6						6
7	Street Lighting	2,307	2,307	0	Statement BL; Pages 2 & 11	7
8						8
9	Standby Revenues	9,713	9,713	0	Statement BL; Pages 2 & 12	9
10						10
11	Grand Total	\$ 626,974	\$ 626,974	\$ 0	Sum Lines 1 thru 9	11

Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Retail True-Up Cost of Service Rates**  
**For the True-Up Period January 1, 2014 - December 31, 2014**  
**Development of 12-CP Allocation Factors Using Recorded Data: 2008-2012**

Line No	(a) Customer Class	(b) 5-Year Average Of 12 CPs Kilowat @ Meter Level	(c) Transmission Loss Factors	(d) = (b) x (c) 5-Year Average Of 12 CPs Kilowat @ Transmission Level	(e) Ratio	(g) Reference	Line No
1	5 Year Average - 12CP Allocation Factors:						1
2	Residential Customers	16,022,144	1.0457	16,754,356	41.759%	Statement BB, Page 1; Line 1	2
3	Small Commercial Customers	4,280,152	1.0457	4,475,755	11.155%	Statement BB, Page 1, Line 2	3
4	Medium-Large Commercial Customers						4
5	Secondary	12,874,830	1.0457	13,463,210	33.556%	Statement BB, Page 1, Line 4	5
6	Primary	3,310,601	1.0108	3,346,356	8.340%	Statement BB, Page 1, Line 5	6
7	Transmission	1,313,118	1.0000	1,313,118	3.273%	Statement BB, Page 1, Line 6	7
8	Total Medium-Large Commercial	17,498,550	1.0357	18,122,684	45.17%	Sum Lines 5, 6, 7	8
9							9
10	Street Lighting	141,169	1.0457	147,620	0.37%	Statement BB, Page 1, Line 9	10
11	Standby Customers						11
12	Secondary	34,351	1.0457	35,921	0.09%	Statement BB; Page 1, Line 11	12
13	Primary	370,228	1.0108	374,226	0.93%	Statement BB, Page 1, Line 12	13
14	Transmission	211,414	1.0000	211,414	0.53%	Statement BB; Page 1, Line 13	14
15	Total Standby Customers	615,993	1.0090	621,561	1.55%	Sum Lines 12, 13, 14	15
16							16
17	System Total	38,558,008	1.04056	40,121,976	100.0000%	Sum Lines 2; 3, 8, 10, 15	17
18							18



Statement BL  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
 TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
 Derivation of Retail True-Up Cost of Service Rates  
 For the True-Up Period January 1, 2014 - December 31, 2014  
 Development of 12-CP Allocation Factors

Line No	(A) Customer Class	(B) Recorded Demand Determinants Megawatt @ Meter Level	(C) Transmission Loss Factors	(D) = (B) x (C) Recorded Demand Determinants Megawatt @ Transmission Level	(E) Ratios	Reference	Line No
1	Recorded Demand Determinants for Medium-Large Commercial Customers						1
2	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate						2
3	Secondary <sup>1</sup>	863	1 0457	902	87 33%	Col B=Page 16 1, Col Total, Line 35	3
4	Primary <sup>2</sup>	130	1 0108	131	12 67%	Col B=Page 16 1, Col Total, Line 36	4
5	Transmission <sup>3</sup>	-	1 0000	-	0 00%	Col B=Page 16 1, Col Total, Line 37	5
6	Total	992 146		1,033	100 00%	Sum Lines 3, 4, 5	6
7							7
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						8
9	with Maximum On-Peak Period Demand						9
10	Secondary	20,467	1 0457	21,403	83 08%	Col B=Page 16 2, Col Total, Line 61	10
11	Primary	4,148	1 0108	4,192	16 27%	Col B=Page 16 2, Col Total, Line 62	11
12	Transmission	166	1 0000	166	0 64%	Col B=Page 16 2, Col Total, Line 63	12
13	Total	24,781		25,761	100 00%	Sum Lines 10, 11, 12	13
14							14
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate						15
16	with Maximum Demand at the Time of System Peak						16
17	Secondary	-	1 0457	-	0 00%	Col B=Page 16 3, Col Total, Line 97	17
18	Primary	205	1 0108	207	14 41%	Col B=Page 16 3, Col Total, Line 98	18
19	Transmission	1,228	1 0000	1,228	85 59%	Col B=Page 16 3, Col Total, Line 99	19
20	Total	1,432		1,434	100 00%	Sum Lines 17, 18, 19	20
21							21
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers						22
23	Secondary	21,330	1 0457	22,305	79 02%	Sum Lines 3, 10, 17	23
24	Primary	4,482	1 0108	4,530	16 05%	Sum Lines 4, 11, 18	24
25	Transmission	1,393	1 0000	1,393	4 94%	Sum Lines 5, 12, 19	25
26	Total	27,205		28,228	100 01%	Sum Lines 23, 24, 25	26
27							27
28	Maximum On-Peak Period Demand Determinants						28
29	Summer Months = (May, June, July, August, September)						29
30	Secondary	8,321	1 0457	8,701	80 89%	Col B=Page 16 2, Sum "Summer", Line 71	30
31	Primary	1,902	1 0108	1,923	17 88%	Col B=Page 16 2, Sum "Summer", Line 72	31
32	Transmission	132	1 0000	132	1 23%	Col B=Page 16 2, Sum "Summer", Line 73	32
33	Total	10,355		10,756	100 00%	Sum Lines 30, 31, 32	33
34	Winter Months = (October, November, December, January, February, March, April)						34
35	Secondary	9,642	1 0457	10,083	80 08%	Col B=Page 16 2, Sum "Winter", Line 71	35
36	Primary	2,277	1 0108	2,301	18 28%	Col B=Page 16 2, Sum "Winter", Line 72	36
37	Transmission	207	1 0000	207	1 64%	Col B=Page 16 2, Sum "Winter", Line 73	37
38	Total	12,126		12,592	100 00%	Sum Lines 35, 36, 37	38
39	Grand Total	22,481		23,347			39
40	Maximum Demand at the Time of System Peak Determinants						40
41	Summer						41
42	Secondary	-	1 0457	-	0 00%	Col B=Page 16 3, Sum "Summer", Line 107	42
43	Primary	69	1 0108	69	15 43%	Col B=Page 16 3, Sum "Summer", Line 108	43
44	Transmission	380	1 0000	380	84 57%	Col B=Page 16 3, Sum "Summer", Line 109	44
45	Total	448		449	100 00%	Sum Lines 42, 43, 44	45
46	Winter						46
47	Secondary	-	1 0457	-	0 00%	Col B=Page 16 3, Sum "Winter", Line 107	47
48	Primary	83	1 0108	84	13 21%	Col B=Page 16 3, Sum "Winter", Line 108	48
49	Transmission	552	1 0000	552	86 79%	Col B=Page 16 3, Sum "Winter", Line 109	49
50	Total	635		636	100 00%	Sum Lines 47, 48, 49	50
51	Grand Total	1,083		1,085			51
52							52
53							53
54							54
55							55
56	Forecast Demand Determinants for Standby Customers						56
57	Contracted Demand Determinants						57
58	Secondary	118	1 0457	123	6 03%	Col B=Page 16 3, Column Total, Line 114	58
59	Primary	1,206	1 0108	1,219	59 55%	Col B=Page 16 3, Column Total, Line 115	59
60	Transmission	705	1 0000	705	34 42%	Col B=Page 16 3, Column Total, Line 116	60
61	Total	2,029		2,047	100 00%	Sum Lines 57, 58, 59	61

Lane No		Statement BL San Diego Gas and Electric FERC Recorded Sales Period: January 2014 - December 2014												Lane No
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
1	SDG&E System Delivery Determinants													
2														
3	Customer Class Deliveries (MWh)													
4	Residential	660,680	566,308	539,608	504,335	538,158	577,847	622,345	695,789	803,046	688,658	559,881	590,713	7,347,369
5	Small Commercial	181,604	164,514	160,901	150,743	168,711	176,841	186,264	192,269	214,707	188,543	173,641	161,968	2,120,707
6	Med & Large Comm /Ind (AD + PA-T-1)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
7	Med & Large Comm /Ind (AL + AY + DGR)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
8	Med & Large Comm /Ind (AG)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
9	Lighting	5,658	12,512	5,348	7,801	6,087	10,025	5,580	7,800	10,059	5,597	10,246	7,366	94,079
10	Sale for Resale	13.2	11.9	9.5	0.8	1.1	2.2	11.4	5.8	4.7	11.3	15.0	87.7	87.7
11	Total System	1,710,394	1,614,000	1,460,539	1,490,183	1,580,823	1,572,541	1,756,363	1,824,625	2,119,389	1,818,280	1,583,014	1,585,803	20,115,954
12														
13	Med & Large Comm./Ind.													
14	Rate Schedule Billing Determinants													
15														
16	Schedules AD / PA-T-1													
17	Total Deliveries (MWh)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
18														
19	Total Deliveries (%)													
20	% @ Secondary Service	89.59%	88.05%	93.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	89.26%	88.38%	89.49%
21	% @ Primary Service	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	11.62%	10.51%
22	% @ Transmission Service	0.00%	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		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
24	Total Deliveries (MWh)	19,507	20,350	16,387	19,387	21,669	23,074	23,560	24,186	26,329	22,420	21,656	16,838	255,361
25	MWh @ Secondary Service	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,527	2,606	2,213	29,982
26	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
27	MWh @ Transmission Service	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
28														
29	Non-Concurrent Demand (%)													
30	% @ Secondary Service	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%
31	% @ Primary Service	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4520%
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
33														
34	Non-Concurrent Demand (MW)													
35	MW @ Secondary Service	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	61.099	862.635
36	MW @ Primary Service	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	5.868	129.511
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38		87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	66.967	992.146
39														
40														
41														

Statement BL													
San Diego Gas and Electric													
FERC Recorded Sales Period: January 2014 - December 2014													
Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
42	Schedules AL-TOU / AY-TOU / DG-R:												
43	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
44	Total Deliveries (MWh)												
45	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%
46	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%
47	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%
48	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
49	Total Deliveries (MWh)												
50	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704
51	MW @ Secondary Service												
52	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015
53	9,476	6,407	4,407	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601
54	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
55	Non-Comcident Demand (%)												
56	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2735%	0.2742%	0.2749%
57	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2139%
58	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%
59	Non-Comcident Demand (MW)												
60	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
61	MW @ Secondary Service												
62	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
63	11,418	13,031	6,405	6,492	10,375	-84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
64	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
65	On-Peak Demand (%)												
66	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
67	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
68	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
69	Maximum On-Peak Period Demand (MW)												
70	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
71	On-Peak Demand (MW)												
72	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
73	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
74	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
75	MW @ Primary Service												
76	MW @ Transmission Service												
77													

Statement BL														
San Diego Gas and Electric														
FERC Recorded Sales Period: January 2014 - December 2014														
Line No	Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
78		70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
79														
80														
81	<b>Schedule A6-TOU:</b>													
82	<b>Total Deliveries (MWh)</b>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	<b>Total Deliveries (%)</b>	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
84	<b>% @ Secondary Service</b>	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
85	<b>% @ Primary Service</b>	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
86	<b>% @ Transmission Service</b>													
87	<b>Total Deliveries (MWh)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
88	<b>MWh @ Secondary Service</b>	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
89	<b>MWh @ Primary Service</b>	62,776	57,743	53,851	60,673	53,786	55,285	50,082	60,736	55,870	60,186	53,601	51,374	675,964
90	<b>MWh @ Transmission Service</b>	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
91	<b>Non-Concurrent Demand (%)</b>	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
92	<b>% @ Secondary Service</b>	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
93	<b>% @ Primary Service</b>	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
94	<b>% @ Transmission Service</b>													
95														
96	<b>Non-Concurrent Demand (MW)</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	<b>MW @ Secondary Service</b>	16.939	18.705	13.165	15.076	21.161	12.811	13.083	17.569	20.667	19.005	18.653	17.714	204.549
98	<b>MW @ Primary Service</b>	115.884	101.628	90.578	106.360	111.337	108.359	101.718	103.312	109.729	97.983	90.478	90.265	1,227.692
99	<b>MW @ Transmission Service</b>	132.823	120.333	103.742	121.436	132.498	121.171	114.801	120.881	130.396	116.988	109.131	107.979	1,432.178
100	<b>Concurrent Peak Demand (%)</b>	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
101	<b>% @ Secondary Service</b>	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
102	<b>% @ Primary Service</b>	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
103	<b>% @ Transmission Service</b>													
104	<b>Concurrent Demand at Time of System of Peak</b>													
105	<b>Concurrent Peak Demand (MW)</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
106	<b>MW @ Secondary Service</b>	9.763	15.266	5.457	4.272	13.027	8.180	15.146	16.911	15.290	12.941	17.223	18.139	151.617
107	<b>MW @ Primary Service</b>	72.694	83.670	63.652	83.304	76.322	72.590	71.067	83.694	76.263	86.066	83.992	78.192	931.506
108	<b>MW @ Transmission Service</b>	82.457	98.935	69.109	87.576	89.349	80.770	86.213	100.605	91.553	99.007	101.216	96.331	1,083.123
109														
110														
111														
112	<b>Schedule S' Standby Determinants</b>													
113	<b>Contracted Standby Demand (MW)</b>													
114	<b>MW @ Secondary Service</b>	10.549	10.549	9.938	9.815	9.815	9.715	9.688	9.688	9.688	9.522	9.522	9.542	118.031
115	<b>MW @ Primary Service</b>	100.127	100.347	100.196	99.545	99.139	99.749	100.584	100.555	100.931	101.082	101.082	102.798	1,206.135
116	<b>MW @ Transmission Service</b>	59.505	59.399	59.399	57.588	58.088	57.994	58.400	58.400	58.399	58.437	58.437	59.702	704.747
117		170.181	170.295	169.533	168.759	166.542	167.552	168.266	168.643	169.018	169.041	169.041	172.042	2,028.913
118														
119														
120														

# San Diego Gas & Electric Company

## Section 2.1A

### 12-Month Retail True-Up Adjustment

**Docket No. ER16-\_\_\_\_\_ - \_\_\_\_\_**

Section 2.1A  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
 Summary of Retail True-Up Adjustment Calculation  
 For True-Up Period 12 Months Ending  
 January 1, 2014 through December 31, 2014  
 TO4-Cycle 3 True-Up Adjustment Mechanism

Line No	Description	TO4-Formula Cycle in Effect											
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
1	Beginning Balance (Overcollection)/Undercollection.	\$ -	\$ -	\$ 450,153	\$ 632,595	\$ 709,426	\$ 2,386,847	\$ 2,405,327	\$ -	\$ -	\$ -	\$ -	\$ -
2	Total Recorded Retail Revenues @ Meter Level	\$ 51,550,148	\$ 48,441,071	\$ 43,959,063	\$ 45,216,112	\$ 50,808,041	\$ 52,265,882	\$ 55,239,763	\$ -	\$ -	\$ -	\$ -	\$ -
3	Amortization of True-Up Adjustment and Interest True-Up Adjustment.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Amortization of TO3 Final True-Up Adjustment.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5	Amortization of TO3 Final Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Amortization of TO4 Cycle 2 Month True-Up Adjustment.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Amortization of Cycle 2 True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Amortization of Cycle 2 Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Adjusted Total Recorded Retail Revenues @ Meter Level	\$ 51,550,148	\$ 48,441,071	\$ 43,959,063	\$ 45,216,112	\$ 50,808,041	\$ 52,265,882	\$ 55,239,763	\$ -	\$ -	\$ -	\$ -	\$ -
11	Total True-Up Revenues (TU Cost of Service)	\$ 51,905,117	\$ 48,534,752	\$ 44,139,996	\$ 45,291,134	\$ 52,481,138	\$ 52,277,917	\$ 55,391,479	\$ -	\$ -	\$ -	\$ -	\$ -
12	Net Monthly (Overcollection)/Undercollection.	\$ 354,970	\$ 93,682	\$ 180,933	\$ 75,022	\$ 1,673,097	\$ 12,035	\$ 151,716	\$ -	\$ -	\$ -	\$ -	\$ -
13	Interest Expense Calculations												
14	Beginning Balance for Interest Calculation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Monthly Activity Included in Interest Calculation Basis	\$ 177,485	\$ 401,810	\$ 539,118	\$ 37,511	\$ 911,570	\$ 1,754,136	\$ 75,858	\$ -	\$ -	\$ -	\$ -	\$ -
16	Basis for Interest Expense Calculation	\$ 177,485	\$ 401,810	\$ 539,118	\$ 670,106	\$ 1,544,166	\$ 2,386,732	\$ 2,481,185	\$ -	\$ -	\$ -	\$ -	\$ -
17	Monthly Interest Rate	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%
18	Interest Expense	\$ 497	\$ 1,005	\$ 1,510	\$ 1,809	\$ 4,324	\$ 6,444	\$ 6,947	\$ -	\$ -	\$ -	\$ -	\$ -
19	Ending Balance (Overcollection)/Undercollection.	\$ 355,466	\$ 450,153	\$ 632,595	\$ 709,426	\$ 2,386,847	\$ 2,405,327	\$ 2,563,990	\$ -	\$ -	\$ -	\$ -	\$ -
20	ANNUAL FERC INTEREST RATE - Website	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
21	Days in Year	365	365	365	365	365	365	365	365	365	365	365	365
22	Days in Month	31	28	31	30	31	30	31	30	31	30	31	31
23	Monthly Interest Rate - Calculated	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%
24	Monthly FERC Interest Rates - Website	0.280000%	0.250000%	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%	0.280000%
25	Difference	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%

Section 2 1A  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
 Summary of Retail True-Up Adjustment Calculation  
 For True-Up Period 12 Months Ending  
 January 1, 2014 through December 31, 2014  
 TO4-Cycle 3 True-Up Adjustment Mechanism

Line No	Description	TO4-Formula Cycle in Effect												Total	Reference
		Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15		
1	Beginning Balance (Overcollection)/Undercollection.	\$ 2,563,990	\$ 5,047,157	\$ 12,226,617	\$ 16,346,767	\$ 22,176,252	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Previous Month's Balance
2															Statement BH Page 1, Line 11
3	Total Recorded Retail Revenues @ Meter Level	\$ 56,130,272	\$ 59,236,116	\$ 51,916,255	\$ 42,622,092	\$ 42,294,518	\$ 599,679,333								
4															
5	Amortization of True-Up Adjustment and Interest True-Up Adjustment.														SECTION 2 1A
6	1. Amortization of TO3 Final True-Up Adjustment and Interest True-Up Adjustment.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
7	1. Amortization of TO3 Final True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
8	11. Amortization of TO3 Final Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
9															
10	11. Amortization of TO4 Cycle 2 4-month True-Up Adjustment and Interest True-Up Adjustment.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
11	1. Amortization of Cycle 2 True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
12	11. Amortization of Cycle 2 Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Not Applicable in TO4-Cycle 3 Filing
13															
14	Total Amortization of True-Up Adjustments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Sum Lines 7 through 12
15															
16	Adjusted Total Recorded Retail Revenues @ Meter Level	\$ 56,130,272	\$ 59,236,116	\$ 51,916,255	\$ 42,622,092	\$ 42,294,518	\$ 599,679,333								Sum Lines 3 & 15
17															
18	Total True-Up Revenues (TU Cost of Service)	\$ 58,602,817	\$ 66,392,336	\$ 55,996,458	\$ 48,399,748	\$ 47,561,106	\$ 626,974,000								Statement BCG Pages 2 1-2 2 Line 11
19															
20	Net Monthly (Overcollection)/Undercollection.	\$ 2,472,545	\$ 7,156,220	\$ 4,080,203	\$ 5,777,656	\$ 5,266,588	\$ 27,294,667								Line 19 Minus Line 17
21															
22	Interest Expense Calculations														
23	Beginning Balance for Interest Calculation	\$ 2,405,327	\$ 2,405,327	\$ 12,226,617	\$ 12,226,617	\$ 12,226,617	\$ 12,226,617								Beginning Quarterly Balances
24	Monthly Activity Included in Interest Calculation Basis	\$ 1,387,989	\$ 6,202,371	\$ 2,040,101	\$ 6,969,031	\$ 12,491,153	\$ 12,491,153								Interest Calculation Basis
25	Basis for Interest Expense Calculation	\$ 3,793,315	\$ 8,607,698	\$ 14,266,719	\$ 19,195,649	\$ 24,717,770	\$ 24,717,770								Sum Lines 24 & 25
26	Monthly Interest Rate	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%								FERC Monthly Rates
27	Interest Expense	\$ 10,621	\$ 23,241	\$ 39,947	\$ 51,828	\$ 69,210	\$ 217,382								Line 26 x Line 27
28															
29	Ending Balance (Overcollection)/Undercollection.	\$ 5,047,157	\$ 12,226,617	\$ 16,346,767	\$ 22,176,252	\$ 27,512,049	\$ 27,512,049								Sum Lines 1 21 & 28
30															
31															
32	ANNUAL FERC INTEREST RATE - Website	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%								Annual Interest Rate - FERC Website
33	Days in Year	365	365	365	365	365	365								Number of Days Per Year
34	Days in Month	31	30	31	30	31	31								Number of Days Per Month
35	Monthly Interest Rate - Calculated	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%								(Line 33)/(Line 34)*(Line 35)
36	Monthly FERC Interest Rates - Website	0.280000%	0.270000%	0.280000%	0.270000%	0.280000%	0.280000%								Monthly Interest Rate - FERC Website
37	Difference	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%	0.000000%								Line 36 - Line 37
38															

# San Diego Gas & Electric Company

## Section 2.1B

### Summary of Retail TO3 Final 17-Month Interest True-Up Adjustment

Docket No. ER16 - \_\_\_\_ - \_\_\_\_



**Section 2.1B**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**TO4 Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of TO3 Final Retail Interest True-Up Adjustment**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(n) <sup>g</sup> Jan-15	(o) <sup>g</sup> Feb-15	(p) <sup>g</sup> Mar-15	(q) <sup>g</sup> Apr-15	(r) <sup>g</sup> May-15	(s) <sup>g</sup> Jun-15	(t) <sup>g</sup> Jul-15	Line No.
1	<b>Beginning True-Up Adjustment (Overcollection)/Undercollection<sup>a</sup></b>	\$ 83,582,810	\$ 76,713,152	\$ 70,305,502	\$ 64,164,262	\$ 57,816,082	\$ 51,576,589	\$ 45,561,929	1
2	<b>Part A1: Amortization of True-Up Adjustment Balance:</b>								2
3	Total Recorded Consumption in KWHs	1,665,910,282	1,547,755,534	1,486,100,698	1,529,437,074	1,501,100,754	1,443,047,056	1,746,688,223	3
4	Amortization Rate Per KWH <sup>f</sup>	\$ 0.00426	\$ 0.00426	\$ 0.00426	\$ 0.00426	\$ 0.00426	\$ 0.00426	\$ 0.00426	4
5	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 7,093,759	\$ 6,590,634	\$ 6,328,096	\$ 6,512,631	\$ 6,391,969	\$ 6,144,766	\$ 7,437,727	5
6	Net Monthly Collection/(Refunds)	\$ (7,093,759)	\$ (6,590,634)	\$ (6,328,096)	\$ (6,512,631)	\$ (6,391,969)	\$ (6,144,766)	\$ (7,437,727)	6
7	<b>Part A2: Calculation of Interest on Remaining TU Balance:</b>								7
8	Interest Expense Calculations:								8
9	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 83,582,810	\$ 83,582,810	\$ 83,582,810	\$ 64,164,262	\$ 64,164,262	\$ 64,164,262	\$ 45,561,929	9
10	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(3,546,880)	(10,389,076)	(16,848,441)	(3,256,316)	(9,708,616)	(15,976,983)	(3,718,864)	10
11	Basis for Interest Expense Calculation	80,035,931	73,193,734	66,734,369	60,907,947	54,455,647	48,187,279	41,843,066	11
12	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	12
13	Interest Expense	\$ 224,101	\$ 182,984	\$ 186,856	\$ 164,451	\$ 152,476	\$ 130,106	\$ 117,161	13
14	Ending Balance (Overcollection)/Undercollection	\$ 76,713,152	\$ 70,305,502	\$ 64,164,262	\$ 57,816,082	\$ 51,576,589	\$ 45,561,929	\$ 38,241,363	14
15	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	15
16	Days in Year <sup>e</sup>	365	365	365	365	365	365	365	16
17	Days in Month <sup>e</sup>	31	28	31	30	31	30	31	17
18	Monthly Interest Rate - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	18
19	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	19
20	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	20
21									21
22									22
23									23
24									24
25									25
26									26
27									27

**NOTES:**

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z", is a component of BTRR.
- b The months indicated in columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d **Monthly Activity Calculated as Follows:**
  - a) 1st Month of Quarter = Column A, Line 10 Divided by 2
  - b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
  - c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2), Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- d) The references in this section are applicable under a normal interest true-up adjustment calculation.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded consumption reported for the year.

**Section 2.1B**  
**SAN DIEGO GAS & ELECTRIC COMPANY**  
**TO4 Cycle 3 Annual Transmission Formulate Rate Filing**  
**Derivation of TO3 Final Retail Interest True-Up Adjustment**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(u) <sup>g</sup> Aug-15	(v) <sup>g</sup> Sep-15	(w) <sup>b</sup> Oct-15	(x) <sup>b</sup> Nov-15	(y) <sup>b</sup> Dec-15	(z) Total	Reference	Line No.
1	<b>Beginning True-Up Adjustment (Overcollection)/Undercollection<sup>a</sup></b>	\$ 38,241,363	\$ 30,758,258	\$ 22,590,508	\$ 15,409,842	\$ 8,556,594	\$ -	Previous Month's Ending Balance from Line 20	1
2									2
3	<b>Part A1: Amortization of True-Up Adjustment Balance:</b>								3
4	Total Recorded Consumption in KWHs	1,779,921,852	1,934,883,872	1,698,795,833	1,616,982,573		17,950,623,752	(Page 4; Line 11) X 1,000	4
5									5
6	Amortization Rate Per KWH <sup>f</sup>	\$ 0.00426	\$ 0.00426	\$ 0.00426	\$ 0.00426			[(Line 1; Col (n)) / (Page 3; Col. Total; Line 11)] / 1,000	6
7								Line 4 x Line 6	7
8	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 7,579,242	\$ 8,239,099	\$ 7,233,792	\$ 6,885,416	\$ 8,568,318	\$ 85,005,449		8
9									9
10	Net Monthly Collection/(Refunds)	\$ (7,579,242)	\$ (8,239,099)	\$ (7,233,792)	\$ (6,885,416)	\$ (8,568,318)	\$ (85,005,449)	Minus Line 8	10
11	<b>Part A2: Calculation of Interest on Remaining TU Balance:</b>								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation <sup>c</sup>	\$ 45,561,929	\$ 45,561,929	\$ 22,590,508	\$ 22,590,508	\$ 22,590,508	\$ 22,590,508	Balance at Beginning of Quarter (See Footnote 1)	13
14	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(11,227,348)	(19,136,519)	(3,616,896)	(10,676,500)	(18,403,367)		See Footnote 2	14
15	Basis for Interest Expense Calculation	\$ 34,334,581	\$ 26,425,411	\$ 18,973,612	\$ 11,914,008	\$ 4,187,141		Line 14 + Line 15	15
16	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 26 Below	16
17	Interest Expense	\$ 96,137	\$ 71,349	\$ 53,126	\$ 32,168	\$ 11,724	\$ 1,422,639	Line 16 x Line 17 - Columns (n) through (y)	17
18									18
19	Ending Balance (Overcollection)/Undercollection	\$ 30,758,258	\$ 22,590,508	\$ 15,409,842	\$ 8,556,594	\$ -	\$ -	Line 1 + Line 10 + Line 18	19
20									20
21	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	21
22	Days in Year <sup>e</sup>	365	365	365	365	365	365	Number of Days Per Year from FERC Website	22
23	Days in Month <sup>e</sup>	31	30	31	30	31	31	Number of Days Per Month from FERC Website	23
24	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 22)/(Line 23)x(Line 24)	24
25	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website	25
26	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	26
27									27

**NOTES:**

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column 'z', is a component of BTTR.
- b The months indicated in columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d **Monthly Activity Calculated as Follows:**
  - a) 1st Month of Quarter = Column A, Line 10 Divided by 2
  - b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
  - c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2). Column D, E, etc. repeats the process outlined in (a), (b), and (c) above.
- d) The references in this section are applicable under a normal interest true-up adjustment calculation.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded consumption reported for the year.

San Diego Gas & Electric Company FERC Period: January 2015 - December 2015														
Line No.		Recorded <sup>a</sup> Jan-15	Recorded <sup>a</sup> Feb-15	Recorded <sup>a</sup> Mar-15	Recorded <sup>a</sup> Apr-15	Recorded <sup>a</sup> May-15	Recorded <sup>a</sup> Jun-15	Recorded <sup>a</sup> Jul-15	Forecast <sup>a</sup> Aug-15	Forecast <sup>a</sup> Sep-15	Forecast <sup>a</sup> Oct-15	Forecast <sup>a</sup> Nov-15	Forecast <sup>a</sup> Dec-15	Total
1	System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	654,947	535,798	523,755	500,457	505,583	510,494	599,362	684,171	758,524	633,907	595,885	678,987	7,181,869
4	Small Commercial + (PA)	163,828	151,418	158,556	165,566	155,584	158,613	178,194	181,014	195,377	173,502	162,177	162,528	2,006,357
5	Med. & Large Comm./Ind. (AD) + (PA-T-1)	15,725	19,577	18,431	22,668	19,227	18,904	22,478	27,607	29,148	25,135	21,838	18,862	259,599
6	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	818,079	883,913	798,693	762,428	737,323	9,337,231
7	Med. & Large Comm./Ind. (A6-TOU)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	61,711	67,751	60,046	67,028	64,732	751,618
8	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	7,445	7,828	7,512	7,628	7,909	92,052
9	Sale for Resale	7	0	3	3	7	1	2	3	3	3	3	3	40
10	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	19,628,767
11	Total System Minus Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	19,628,727
12														
13														

NOTES:  
 a Per TO3 Formula Appendix VIII, the Amortization Rate is derived based on 7 months Actual consumption and 5 months Forecasted consumption. This workpaper was also included in the September 1 Informational Posting.

San Diego Gas & Electric Company FERC Period: January 2015 - December 2015														
Line No.	System Delivery Determinants	Recorded <sup>a</sup> Jan-15	Recorded <sup>a</sup> Feb-15	Recorded <sup>a</sup> Mar-15	Recorded <sup>a</sup> Apr-15	Recorded <sup>a</sup> May-15	Recorded <sup>a</sup> Jun-15	Recorded <sup>a</sup> Jul-15	Recorded <sup>a</sup> Aug-15	Recorded <sup>a</sup> Sep-15	Forecast <sup>a</sup> Oct-15	Forecast <sup>a</sup> Nov-15	Forecast <sup>a</sup> Dec-15	Total
1	Customer Class Deliveries (MWh)	654,947	535,798	523,755	500,457	505,583	510,484	599,362	654,904	777,855	633,907	595,885	678,987	7,171,934
2	Residential	163,828	151,418	158,556	165,566	155,584	158,613	178,194	180,382	193,987	173,502	162,177	162,528	2,004,335
3	Small Commercial + (PA)	15,725	19,577	18,431	22,668	19,227	18,904	22,478	47,777	21,083	25,135	21,838	18,862	271,705
4	Med. & Large Comm./Ind. (AD) + (PA-T-1)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	798,693	762,428	737,323	9,341,613
5	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	60,046	67,026	64,732	741,627
6	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	7,512	7,628	7,909	89,752
7	Sale for Resale	7	0	0	3	7	1	2	1	1	3	3	3	35
8	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,698,799	1,616,986	1,670,345	19,621,000
9	Total System Minus Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,779,922	1,934,884	1,698,796	1,616,983	1,670,342	19,620,965
10														
11														
12														
13														

**NOTES:**

a The December 1st Informational Filing is comprised of 9 months Actual consumption and 3 months Forecasted consumption to derive the interest true-up adjustment.

# San Diego Gas & Electric Company

## Section 2.1C

### Summary of Retail TO4-Cycle 2 4-Month Interest True-Up Adjustment

Docket No. ER16 - \_\_\_\_ - \_\_\_\_

**Section 2.1C  
SAN DIEGO GAS ELECTRIC COMPANY  
TO4 Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of TO4 Cycle 2 Retail Interest True-Up Adjustment**

Line No.	(a) <sup>b</sup> Jan-14	(b) <sup>b</sup> Feb-14	(c) <sup>b</sup> Mar-14	(d) <sup>b</sup> Apr-14	(e) <sup>b</sup> May-14	(f) <sup>b</sup> Jun-14	(g) <sup>b</sup> Jul-14	Line No.
1	\$ 6,018,691	\$ 6,035,543	\$ 6,050,590	\$ 6,067,442	\$ 6,083,824	\$ 6,100,813	\$ 6,117,195	1
2								2
3								3
4								4
5								5
6								6
7								7
8								8
9								9
10								10
11								11
12								12
13								13
14	\$ 6,018,691	\$ 6,018,691	\$ 6,018,691	\$ 6,067,442	\$ 6,067,442	\$ 6,067,442	\$ 6,117,195	14
15	0	0	0	0	0	0	0	15
16	6,018,691	6,018,691	6,018,691	6,067,442	6,067,442	6,067,442	6,117,195	16
17	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	17
18	\$ 16,852	\$ 15,047	\$ 16,852	\$ 16,382	\$ 16,989	\$ 16,382	\$ 17,128	18
19								19
20	\$ 6,035,543	\$ 6,050,590	\$ 6,067,442	\$ 6,083,824	\$ 6,100,813	\$ 6,117,195	\$ 6,134,323	20
21	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	21
22	365	365	365	365	365	365	365	22
23								23
24	31	28	31	30	31	30	31	24
25	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	25
26	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	26
27	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27

- NOTES:**
- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z" is a component of BTRR.
  - b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
  - c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
  - d **Monthly Activity Calculated as Follows:**
    - a) 1st Month of Quarter = Column A, Line 10 Divided by 2
    - b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
    - c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
  - e The FERC interest rate information comes from the FERC website.
  - f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
  - g Indicates Actual Recorded consumption reported for the year.

**Section 2.1.C  
SAN DIEGO GAS ELECTRIC COMPANY  
TO4 Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of TO4 Cycle 2 Retail Interest True-Up Adjustment**

Line No.	(Base Period Following the end of the True-Up Period) Cycle 2 (Overcollection)/Undercollection Beginning True-Up Adjustment (Overcollection)/Undercollection *	(h) <sup>b</sup> Aug-14	(i) <sup>b</sup> Sep-14	(j) <sup>b</sup> Oct-14	(k) <sup>b</sup> Nov-14	(l) <sup>b</sup> Dec-14	(m) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection *	\$ 6,134,323	\$ 6,151,451	\$ 6,167,967	\$ 6,185,237	\$ 6,201,891	\$ 6,018,691	Previous Month's Ending Balance from Line 20	1
2	<b>Part A1: Amortization of True-Up Adjustment Balance:</b>								2
3	Total Recorded Consumption in KWHs	-	-	-	-	-	-	N/A for January-December 2014	3
4									4
5									5
6	Amortization Rate Per KWH <sup>f</sup>							N/A for January-December 2014	6
7									7
8	Amortization of True-Up Adjustment Balance + Accrued Interest							Line 4 x Line 6	8
9									9
10	Net Monthly Collection/(Refunds)							Minus Line 8	10
11	<b>Part A2: Calculation of Interest on Remaining TU Balance:</b>								11
12	Interest Expense Calculations:								12
13	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 6,117,195	\$ 6,117,195	\$ 6,167,967	\$ 6,167,967	\$ 6,167,967		Balance at Beginning of Quarter (See Footnote 1)	13
14	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	0	0	0	0	0		See Footnote 2	14
15	Basis for Interest Expense Calculation	6,117,195	6,117,195	6,167,967	6,167,967	6,167,967		Line 14 + Line 15	15
16	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 26 Below	16
17	Interest Expense	\$ 17,128	\$ 16,516	\$ 17,270	\$ 16,654	\$ 17,270	\$ 200,470	Line 16 x Line 17 - Columns (n) through (y)	17
18									18
19									19
20	Ending Balance (Overcollection)/Undercollection	\$ 6,151,451	\$ 6,167,967	\$ 6,185,237	\$ 6,201,891	\$ 6,219,161	\$ 6,219,161	Line 1 + Line 10 + Line 18	20
21	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	21
22	Days in Year <sup>e</sup>	365	365	365	365	365	365	Number of Days Per Year from FERC Website	22
23	Days in Month <sup>e</sup>	31	30	31	30	31	365	Number of Days Per Month from FERC Website	23
24	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 22)/(Line 23)*(Line 24)	24
25	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website	25
26	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	26
27									27

**NOTES:**

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z", is a component of BTRR.
- b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d Monthly Activity Calculated as Follows:  
a) 1st Month of Quarter = Column A, Line 10 Divided by 2  
b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)  
c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2), Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded consumption reported for the year.

**Section 2.1C  
SAN DIEGO GAS ELECTRIC COMPANY  
TO4 Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of TO4 Cycle 2 Retail Interest True-Up Adjustment**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(n) <sup>g</sup> Jan-15	(o) <sup>g</sup> Feb-15	(p) <sup>g</sup> Mar-15	(q) <sup>g</sup> Apr-15	(r) <sup>g</sup> May-15	(s) <sup>g</sup> Jun-15	(t) <sup>g</sup> Jul-15	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection <sup>a</sup>	\$ 6,219,161	\$ 5,708,009	\$ 5,231,234	\$ 4,774,281	\$ 4,301,931	\$ 3,837,668	\$ 3,390,134	1
2									2
3	<b>Part A1: Amortization of True-Up Adjustment Balance:</b>								3
4	Total Recorded Consumption in KWHs	1,665,910,282	1,547,755,534	1,486,100,698	1,529,437,074	1,501,100,754	1,443,047,056	1,746,688,223	4
5									5
6	Amortization Rate Per KWH <sup>f</sup>	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032	6
7									7
8	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 527,827	\$ 490,390	\$ 470,856	\$ 484,586	\$ 475,608	\$ 457,215	\$ 553,420	8
9									9
10	Net Monthly Collection/(Refunds)	\$ (527,827)	\$ (490,390)	\$ (470,856)	\$ (484,586)	\$ (475,608)	\$ (457,215)	\$ (553,420)	10
11									11
12	<b>Part A2: Calculation of Interest on Remaining TU Balance:</b>								12
13	Interest Expense Calculations:								13
14	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 6,219,161	\$ 6,219,161	\$ 6,219,161	\$ 4,774,281	\$ 4,774,281	\$ 4,774,281	\$ 3,390,134	14
15	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(263,914)	(773,022)	(1,253,645)	(242,293)	(722,390)	(1,188,802)	(276,710)	15
16	Basis for Interest Expense Calculation	5,955,248	5,446,139	4,965,516	4,531,988	4,051,891	3,585,480	3,113,424	16
17	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	17
18	Interest Expense	\$ 16,675	\$ 13,615	\$ 13,903	\$ 12,236	\$ 11,345	\$ 9,681	\$ 8,718	18
19									19
20	Ending Balance (Overcollection)/Undercollection	\$ 5,708,009	\$ 5,231,234	\$ 4,774,281	\$ 4,301,931	\$ 3,837,668	\$ 3,390,134	\$ 2,845,432	20
21									21
22	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	22
23	Days in Year <sup>e</sup>	365	365	365	365	365	365	365	23
24	Days in Month <sup>e</sup>	31	28	31	30	31	30	31	24
25	Monthly Interest Rate - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	25
26	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	26
27	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	27

**NOTES:**

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 18, column "z" is a component of BTRR.
- b The months indicated in columns (a) through (t) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d **Monthly Activity Calculated as Follows:**
  - a) 1st Month of Quarter = Column A, Line 10 Divided by 2
  - b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)
  - c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded consumption reported for the year.



**Section 2.1C  
SAN DIEGO GAS ELECTRIC COMPANY  
TO4 Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of TO4 Cycle 2 Retail Interest True-Up Adjustment**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(t) <sup>a</sup> Aug-15	(v) <sup>e</sup> Sep-15	(w) <sup>b</sup> Oct-15	(x) <sup>b</sup> Nov-15	(y) <sup>b</sup> Dec-15	(z) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection <sup>a</sup>	\$ 2,845,432	\$ 2,288,635	\$ 1,680,896	\$ 1,146,603	\$ 636,673		Previous Month's Ending Balance from Line 20	1
2	Part A1: Amortization of True-Up Adjustment Balance:								2
3	Total Recorded Consumption in KWHs	1,779,921,852	1,934,883,872	1,698,795,833	1,616,982,573		17,950,623,752	(Page 6; Line 11) X 1,000	3
4	Amortization Rate Per KWH <sup>f</sup>	\$ 0.00032	\$ 0.00032	\$ 0.00032	\$ 0.00032			[(Line 1; Col (n)) / (Page 5; Col. Total; Line 11)] / 1,000	4
5	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 563,950	\$ 613,048	\$ 538,246	\$ 512,324	\$ 637,545	\$ 6,325,015	Line 4 x Line 6	5
6	Net Monthly Collection/(Refunds)	\$ (563,950)	\$ (613,048)	\$ (538,246)	\$ (512,324)	\$ (637,545)	\$ (6,325,015)	Minus Line 8	6
7	Part A2: Calculation of Interest on Remaining TU Balance:								7
8	Interest Expense Calculations:								8
9	Beginning Balance for Interest Calculation <sup>a</sup>	\$ 3,390,134	\$ 3,390,134	\$ 1,680,896	\$ 1,680,896	\$ 1,680,896		Balance at Beginning of Quarter (See Footnote 1)	9
10	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(835,395)	(1,423,894)	(269,123)	(794,408)	(1,369,343)		See Footnote 2	10
11	Basis for Interest Expense Calculation	2,554,739	1,966,240	1,411,773	886,488	311,554		Line 14 + Line 15	11
12	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 26 Below	12
13	Interest Expense	\$ 7,153	\$ 5,309	\$ 3,953	\$ 2,394	\$ 872	\$ 105,854	Line 16 x Line 17 - Columns (n) through (y)	13
14	Ending Balance (Overcollection)/Undercollection	\$ 2,288,635	\$ 1,680,896	\$ 1,146,603	\$ 636,673	\$ -	\$ -	Line 1 + Line 10 + Line 18	14
15	FERC INTEREST RATE <sup>a</sup>	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	15
16	Days in Year <sup>a</sup>	365	365	365	365	365	365	Number of Days Per Year from FERC Website	16
17	Days in Month <sup>a</sup>	31	30	31	30	31	365	Number of Days Per Month from FERC Website	17
18	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.25%	(Line 22)/(Line 23)x(Line 24)	18
19	FERC Interest Rates - Website <sup>a</sup>	0.28%	0.27%	0.28%	0.27%	0.28%	3.25%	Monthly Interest Rate from FERC Website	19
20	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 25 Minus Line 26	20

**NOTES:**

- a The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total interest True-Up Adjustment amount, as shown on line 18, column "z" is a component of BTRR.
- b The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.
- c Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).
- d Monthly Activity Calculated as Follows:  
 a) 1st Month of Quarter = Column A, Line 10 Divided by 2  
 b) 2nd Month of Quarter = Column A, Line 10 + (Column B, Line 10 Divided by 2)  
 c) 3rd Month of Quarter = Column A, Line 10 + Column B, Line 10 + (Column C, Line 10 Divided by 2), Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.
- e The FERC interest rate information comes from the FERC website.
- f The Amortization Rate per KWH in column (n), line 6, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.
- g Indicates Actual Recorded consumption reported for the year.

Line No.	System Delivery Determinants	Recorded <sup>a</sup> Jan-15	Recorded <sup>a</sup> Feb-15	Recorded <sup>a</sup> Mar-15	Recorded <sup>a</sup> Apr-15	Recorded <sup>a</sup> May-15	Recorded <sup>a</sup> Jun-15	Recorded <sup>a</sup> Jul-15	Forecast <sup>a</sup> Aug-15	Forecast <sup>a</sup> Sep-15	Forecast <sup>a</sup> Oct-15	Forecast <sup>a</sup> Nov-15	Forecast <sup>a</sup> Dec-15	Total
1	Customer Class Deliveries (MWh)													
2	Residential	654,947	535,798	523,755	500,457	505,583	510,494	599,362	684,171	758,524	633,907	595,885	678,987	7,181,869
3	Small Commercial + (PA)	163,828	151,418	158,556	165,566	155,584	158,613	178,194	181,014	195,377	173,502	162,177	162,528	2,006,357
4	Med. & Large Comm./Ind. (AD) + (PA-T-1)	15,725	19,577	18,431	22,668	19,227	18,904	22,478	27,607	29,148	25,135	21,838	18,862	259,599
5	Med. & Large Comm./Ind. (excluding AD/A6-TOU)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	818,079	883,913	798,893	762,428	737,323	9,337,231
6	Med. & Large Comm./Ind. (A6-TOU)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	61,711	67,751	60,046	67,026	64,732	751,618
7	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	7,445	7,828	7,512	7,628	7,909	82,052
8	Sale for Resale													
9	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,780,030	1,942,544	1,698,799	1,616,986	1,670,345	19,628,767
10	Total System Minus Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	19,628,727
11														
12														
13														

NOTES:  
 \* Per TO3 Formula Appendix VIII, the Amortization Rate is derived based on 7 months Actual consumption and 5 months Forecasted consumption. This worksheet was also included in the September 1 Informational Posting.

Line No.	System Delivery Determinants	Recorded <sup>a</sup> Jan-15	Recorded <sup>a</sup> Feb-15	Recorded <sup>a</sup> Mar-15	Recorded <sup>a</sup> Apr-15	Recorded <sup>a</sup> May-15	Recorded <sup>a</sup> Jun-15	Recorded <sup>a</sup> Jul-15	Recorded <sup>a</sup> Aug-15	Recorded <sup>a</sup> Sep-15	Forecast <sup>a</sup> Oct-15	Forecast <sup>a</sup> Nov-15	Forecast <sup>a</sup> Dec-15	Total
1	Customer Class Deliveries (MWh)													
2	Residential	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	633,907	595,865	678,987	7,171,934
3	Small Commercial + (PA)	163,828	151,418	158,566	165,566	155,584	158,613	178,194	180,382	193,987	173,502	162,177	162,528	2,004,335
4	Med. & Large Comm./Ind. (AD) + (PA-T-1)	15,725	19,577	18,431	22,668	19,227	18,904	22,478	47,777	21,083	25,135	21,838	18,862	271,705
5	Med. & Large Comm./Ind. (excluding AD/AE-TOU)	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	798,693	762,428	737,323	9,341,613
6	Med. & Large Comm./Ind. (AE-TOU)	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	60,046	67,028	64,732	741,627
7	Lighting	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	7,512	7,628	7,909	89,752
8	Sale for Resale	7	0	3	7	4	1	2	1	1	3	3	3	35
9	Total System	1,665,918	1,547,756	1,486,104	1,529,444	1,501,105	1,443,048	1,746,690	1,779,922	1,934,884	1,698,799	1,616,986	1,670,345	19,621,000
10	Total System Minus Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,779,922	1,934,884	1,698,796	1,616,983	1,670,342	19,620,965
11														
12														
13														

NOTES:  
 a The December 1st Informational Filing is comprised of 9 months Actual consumption and 3 months Forecasted consumption to derive the interest true-up adjustment.

# San Diego Gas & Electric Company Derivation of CAISO Wholesale True-Up Adjustment

## Table of Contents

**Page** (The page numbers referenced below apply to the page numbers on the upper right hand corner of each page of the true-up calculation).

### **TO4 CYCLE 3 12-MONTH WHOLESAL TRUE-UP ADJUSTMENT REPORT**

**CAISO Wholesale True-Up Adjustment Report** **Page No.**  
**62-74**

### **TO4 CYCLE 3 12-MONTH WHOLESAL TRUE-UP ADJUSTMENT COST STATEMENTS**

#### **Section 3, Part I – Derivation of CAISO 12-Month Wholesale True-Up Adjustment**

**Section 3.1.1** – Derivation of CAISO Wholesale True-Up Adjustment **75-78**

Sum of Monthly Recorded CAISO Wholesale Revenues less Sum of Monthly True-Up Cost of Service Revenues during the 12-Month True-Up Period.

#### **Section 3, Part II – Derivation of Monthly Recorded CAISO True-Up Revenues**

**Section 3.2.1** – Derivation of CAISO Wholesale Cost of Service **79-101**  
Rates in Effect for the 12-Month True-Up Period from January 2014 through December 2014 based on SDG&E’s TO4-Cycle 1 Offer of Settlement BTRR.

**Section 3.2.2** – Proof of Revenues that the CAISO Wholesale **102-118**  
Transmission Rates Derived in Section 3.2.1 will generate the Total Wholesale Cost of Service from Section 3.2.1.

**Section 3.2.3** – Derivation of CAISO Wholesale Recorded Revenues **119-138**  
During the 12-Month January 2014 – December 2014 True-Up Period Using SDG&Es Wholesale Rates derived from Section 3.2.1.

## **Section 3, Part III – Derivation of Monthly CAISO True-Up Cost of Service (COS) Revenues**

	<b><u>Page No.</u></b>
<b><u>Section 3.3.1</u></b> – Derivation of CAISO True-Up Cost of Service for the 12-Month True-Up Period	<b>139-141</b>
<p>Statement BK-2 – Derivation of CAISO Wholesale True-Up Cost of Service for the 12-Month true-up period January 2014 through December 2014.</p>	
<b><u>Section 3.3.2</u></b> – Derivation of CAISO Wholesale True-Up Cost of Service Rates	<b>142-164</b>
<p>Derivation of CAISO Wholesale True-Up Period Cost of Service Rates Applicable to the 12-Month True-Up Period January 2014 through December 2014.</p>	
<b><u>Section 3.3.3</u></b> – Derivation of CAISO Monthly Cost of Service Revenues Applicable to the 12-Month True-Up Period	<b>165-183</b>
<p>Derivation of the CAISO Wholesale Monthly Cost of Service Revenues for the 12-Month True-Up Period. These monthly revenues are carried forward to Section 3.1.1 above to derive the 12-Month True-Up Adjustment.</p>	

## **Section 4 – Derivation of CAISO Wholesale Interest True-Up Adjustment**

<b><u>Section 4.1.1</u></b> – Summary of CAISO Wholesale Interest True-Up Adjustment Applicable to the TO4-Cycle 2 4-Month True-Up Adjustment Amount	<b>184-188</b>
<b><u>Section 4.1.2</u></b> – Derivation of CAISO Wholesale Amortization Rate Applicable to the TO4-Cycle 2 4-Month True-Up Adjustment	<b>189-192</b>
<b><u>Section 4.1.3</u></b> – Forecast Sales Used for the Derivation of the CAISO Wholesale Interest True-Up Adjustment Amount for the TO4-Cycle 2 4-Month True-Up	<b>193-194</b>
<b><u>Section 4.2.1</u></b> – Summary of CAISO Wholesale Interest True-Up Adjustment Applicable to the TO3 Final True-Up Adjustment	<b>195-197</b>
<b><u>Section 4.2.2</u></b> – Derivation of CAISO Wholesale Amortization Rate Applicable to the TO3 Final True-Up Adjustment Amount	<b>198-201</b>
<b><u>Section 4.2.3</u></b> – Forecast Sales Used for the Derivation of the CAISO Wholesale Interest True-Up Adjustment Amount for the TO3 Final True-Up	<b>202-203</b>

# **San Diego Gas & Electric Company**

## **TO4 Cycle 3**

### **Wholesale True-Up Adjustment Report**

**Docket No. ER16-\_\_\_\_-\_\_\_\_**

## **TO4 CYCLE 3 WHOLESALE TRUE-UP ADJUSTMENT REPORT (12-MONTH PERIOD ENDING DECEMBER 31, 2014)**

### **I. INTRODUCTION**

The purpose of the 12-Month Wholesale True-Up (“TU” or “True-Up”) Adjustment Report (“Report”)<sup>1</sup> in this Fourth Transmission Owner Formula (“TO4”) Cycle 3 Informational Filing, is threefold: (1) to demonstrate that wholesale customers pay no more and no less than SDG&E’s 12-month TU Period Cost of Service for the period from January through December 2014; (2) to explain the specific components of the TU Adjustment for the 12-month period ending December 31, 2014; and (3) to explain why SDG&E’s recorded revenues for wholesale purposes were less than the Cost of Service during the TU period, resulting in an under-collection of approximately \$109.5 million.<sup>2</sup> Section III of this Report explains the derivation of the Wholesale TU Adjustment, through the use of Exhibit No. 1.

### **II. SUMMARY**

As described more fully below, the TO4 Cycle 3 Wholesale TU Adjustment equals a \$109.5 million under-collection and consists of those differences shown in Column D, Lines 2 through 27 of Exhibit No. 1. The largest components of the \$109.5 million under-collection are higher Operation and Maintenance (“O&M”), Administrative and General (“A&G”), depreciation and amortization expenses, and property taxes expense that are driven primarily by the completion of the Sunrise Powerlink Project (“Sunrise”), the East County Substation (“ECO”) project, and other transmission projects that were completed in 2013 and 2014. The under-collection in costs was partially offset by the over-collection in net revenue requirements

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<sup>1</sup> The capitalized terms have the meaning set forth in this Report or in SDG&E’s TO Tariff.

<sup>2</sup> Volume 3, Section 3.1.1, page 3, Line 25.

associated with the Rate of Return applied to a higher rate base and Weighted Forecasted Plant Additions.

### **III. TO4 CYCLE 3 12-MONTH WHOLESALE TRUE-UP ADJUSTMENT**

#### **A. Explanation of \$109.5 Million Wholesale True-Up Adjustment Under-collection**

As described in Section B below, the derivation of the recorded revenues of \$515.8 million was based on the FERC-approved Wholesale Base Transmission Revenue Requirement (“BTRR”) of \$538.4 million in TO4 Cycle 1. The Prior Year Revenue Requirements for TO4 Cycle 1 was for the Base Period 12 months ended May 31, 2012, which preceded the in-service-dates of two large Transmission projects, Sunrise and ECO. SDG&E’s Wholesale True-Up Cost of Service for the 12-months ending December 31, 2014 is \$623.5 million, compared to recorded revenues of \$515.8 million. This differential causes an under-collection of approximately \$107.7 million before interest expense, and \$109.5 million, including the applicable interest of \$1.8 million. This under-collection is attributable to the following reasons:

- 1) An under-collection of transmission O&M expenses, totaling \$12.9 million, primarily due to the expensing of the Post-Construction Environmental charges for Sunrise of \$9.3 million (Exhibit No. 2; Page 2.1, Line 2).
- 2) An under-collection of A&G expenses, totaling approximately \$40.1 million, which are attributable primarily to wildfire damage claims, totaling approximately \$19.3 million (Exhibit No. 3; Page 3.1, Line 21) and approximately \$18.7 million of outside services costs related to affiliate transactions (Exhibit No. 3; Page 3.1, Line 19).
- 3) An under-collection of transmission depreciation expense, totaling approximately \$60.9 million (WP-3, Page 3.1, Line 14) of which \$26.9 million is attributable to



Sunrise and \$34.0 million is attributable to non-Sunrise-related projects: ECO, wood-to-steel pole replacement projects, other transmission-related projects, and general and common plant-related projects.

- 4) An under-collection of property tax expense, totaling approximately \$19.4 million, of which \$12.2 million is attributable to the completion of Sunrise (WP-4, Page 4.1, Line 10), and \$7.2 million is attributable to other capital projects which increased the base to which the property tax expense rate is applied (WP-4, Page 4.1, Line 16).
- 5) A net over-collection of approximately <\$24.5> million in revenues, offsetting the under-collections identified above. The net over-collection in revenues is associated with: a) the under-collection of \$203.4 million of rate of return plus the related income taxes on rate base due to the completion of the Sunrise and Non-Sunrise related capital projects (WP-2, Page 2.1, Line 4); b) the revenue requirements associated with the weighted forecast plant additions in the Cycle 1 filing, totaling <\$230.8> million (WP-2, Page 2.1, Line 9); and c) the under-collection of the revenue requirements associated with the income tax expense on the Equity AFUDC component of Transmission Depreciation Expense of \$2.9 million (WP-2; Page 2.1, Line 11).
- 6) Other net over-collection, totaling <\$1.1> million, consists of: a) \$1.1 million due to the under-collection of franchise fees and uncollectibles (Exhibit No. 1; Line 24); and b) a <\$2.2> million over-collection associated with Other items (Exhibit No. 1, Line 10).

- 7) Accrued interest on the under-collection totals \$1.8 million (Exhibit No. 1, Line 27).

**B. Derivation of \$109.5 Million Wholesale True-Up Adjustment Under-collection**

Exhibit No. 1, Column A, “Prior Period Revenue Requirements,” shows the various cost components of the 12-month TU Adjustment and the basis for the TU Adjustment under-collection. Column A shows the costs used to develop the TO4 Cycle 1 California Independent System Operator (“CAISO”) retail rates at transmission level that were in effect during the 2014 TU Period. Line 25 demonstrates that \$538.4 million was the amount of revenues derived when the resulting rates were applied to forecast sales at transmission level during the Cycle 3 TU Period.<sup>3</sup>

Exhibit No. 1, Column B, “Revenue Recorded in TU Period,” displays the TO4 Cycle 1 costs that were recovered in revenues during the TU Period, and demonstrates that the revenues recorded in the TU Period of \$515.8 million were less than the TO4 Cycle 1 Prior Period Revenue Requirements reflected in Column A. More specifically, to reflect the TO4 Cycle 1 costs that were recovered in revenues during the 12 months during the 2014 Cycle 3 TU Period, SDG&E multiplied the TO4 Cycle 1 wholesale costs by the revenue adjustment percentage of 95.80%. As shown in WP 1<sup>4</sup>, the 95.80% was derived by dividing the CAISO revenues recorded during the twelve months of the TU Period of \$515.8 million by the total TO4 Cycle 1 revenue requirement of \$538.4 million. Column B, line 25, reflects the total revenues of \$515.8 million that were collected during the TU Period.

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<sup>3</sup> The breakdown of monthly revenues is shown in Volume 3, Section 3.2.3, Page 1, Line 15.

<sup>4</sup> The derivation of the revenue adjustment percentage factor of 95.80% is shown in Vol. 3 TU Adjustment WP-1, Page 1.1.

Column C, "TO4 Cycle 3 12-Month True-Up Period Cost of Service," Line 25, shows that the Cycle 3 TU Period Cost of Service was \$623.5 million.

Column D, "TO4 Cycle 3 True-Up Adjustment," demonstrates that the TO4 Cycle 3 TU Cost of Service is under-collected by a total \$109.5 million, consisting of \$107.7 in principal and \$1.8 million in interest. A True-Up Adjustment in that amount, therefore, is required.

**END OF REPORT**

		San Diego Gas & Electric Company				Exhibit No. 1	
		TO4 Cycle 3 Wholesale True-Up (TU) Period Adjustment				BK-2	
		For 12 Months January 1, 2014 to December 31, 2014					
		(\$ in Millions)					
		A	B	C	D		
		Prior Period Revenue Requirements (a)	Revenue Recorded in TU Period TO4 Cycle 1 12 Mos (b)	TO4 C3 12 Month True-Up	TO4 C3 12 Month True-Up		
		ER13-941-000 TO4 Cycle 1 (6/11 - 5/12)	(1/14 - 12/14) = A * 95.80% 95.80%	Period Cost of Service 1/14-12/14	Adjustment 1/14 -12/14 D = C - B		
Line No	Description					Line No	
1	<b>A. Expense</b>					1	
2	Transmission O&M Expenses	\$ 51.8	\$ 49.6	\$ 62.5	\$ 12.9	2	
3						3	
4	Transmission Related A&G Expenses	41.5	39.8	79.9	40.1	4	
5						5	
6	Depreciation and Amortization	54.8	52.5	113.4	60.9	6	
7						7	
8	Property Tax	11.2	10.7	30.1	19.4	8	
9						9	
10	Other (1)	1.0	0.9	(1.3)	(2.2)	10	
11	<b>Total Expense</b>	$\Sigma$ L2 - L10	\$ 160.2	\$ 153.5	\$ 284.7	\$ 131.1	11
12						12	
13	<b>B. Return</b>					13	
14	Return on Rate Base	\$ 131.8	\$ 126.2	\$ 329.6	\$ 203.4	14	
15						15	
16	Return- AFUDC Equity in Depreciation Expense	-	-	2.9	2.9	16	
17						17	
18	Return on Forecast Plant Additions	240.9	230.8	-	(230.8)	18	
19						19	
20	<b>Total Return</b>	$\Sigma$ L14 - L18	\$ 372.7	\$ 357.0	\$ 332.5	\$ (24.5)	20
21						21	
22	<b>C. Total</b>					22	
23	Total Before Franchise Fees	L11 + L20	\$ 532.9	\$ 510.5	\$ 617.2	\$ 106.7	23
24	Franchise Fees		5.5	5.3	6.4	1.1	24
25	<b>Total</b>	L23 + L24	\$ 538.4	\$ 515.8	\$ 623.5	\$ 107.7	25
26						26	
27	Interest for Jan 2014 - Dec 2014				1.8	27	
28	<b>Total Under/(Over)collection</b>	$\Sigma$ L25 - L27			\$ 109.5	28	
29						29	
30	(1) Other expenses include Valley Rainbow amortization in TO4 Cycle 1 only, Abandoned Project Cost Amortization in TO4 Cycle 3, Payroll Taxes, other amortization of investment tax credits and deferred tax liabilities, and revenue credits						30
31						31	
32	Footnotes					32	
33	(a) Column A are revenue requirements for the TO4 Cycle 1 base period and forecasted plant additions as approved on May 27, 2014						33
34	The rates used for the TO4 Cycle 1 filing were effective for 16 months from September 1, 2013 through December 31, 2014						34
35	(b) Column B lower sales on revenue 95.80% is derived by dividing the revenues recorded for Cycle 1 during the next twelve months of the						35
36	TU Period (\$515.8 million) by Col A, L25 See WP-1 for additional details						36
37						37	

San Diego Gas & Electric Company						Exhibit No. 2	
TO4 Cycle 3 Wholesale True-Up (TU) Period Adjustment - O&M						O&M	
For 12 Months January 1, 2014 to December 31, 2014							
(\$ in Millions)							
		A	B	C	D		
		Base Period	Revenue Recorded	TO4 C3 (12 Mo )	TO4 C3 (12 Mo TU)		
		TO4	in TU Period	Cost of Service	Adjustment		
		Cycle 1	1/14 - 12/14 (a)	TU Period	1/14 -12/14		
		6/11-5/12	(A * 95.80%)	1/14 - 12/14	D = C - B		
No	FERC Prime Account		95.80%			No	
1	561	Load Dispatch- Monitor & Operate System	\$ 3.1	\$ 2.9	\$ 4.4	\$ 1.5	1
2	571	Maintenance of Overhead Lines	11.1	10.6	19.9	9.3	2
3	572	Maintenance of Underground Lines	0.1	0.1	1.5	1.4	3
4		All Other	37.5	36.0	36.7	0.7	4
5							5
6		Total undercollection	\$ 51.8	\$ 49.6	\$ 62.5	\$ 12.9	6
7							7
8							8
9		Footnotes					9
10		(a) Column B lower sales on revenue 95.80% is derived by dividing the revenues recorded for Cycle 1 during the twelve months of the					10
11		TU Period (\$515.8 million) by Col. A, L25 in Exh 1 (\$538.4 million) See WP-1 for additional details					11
12							12
13							13

San Diego Gas & Electric Company						Exhibit No. 3
TO4 Cycle 3 Wholesale True-Up (TU) Period Adjustment - A&G						A&G
For 12 Months January 1, 2014 to December 31, 2014						
(\$ in Millions)						
		A	B	C	D	
		Base Period	Revenue Recorded in	TO4 C3 (12 Mo.)	TO4 C3 (12 Mo. TU)	
		TO4	TU Period	Cost of Service	Adjustment	
Line		Cycle 1	1/14 - 12/14 (a)	TU Period	1/14 - 12/14	Line
No	FERC Prime Account	6/11-5/12	(A * 95.80%)	1/14 - 12/14	D = C - B	No
			95.80%			
1	<b>A. Before Allocation to Electric Transmission</b>					1
2	920 A&G Salaries	\$ 19.7	\$ 18.9	\$ 41.4	\$ 22.5	2
3	921 Office Supplies and Expenses	7.2	6.9	(59.2)	(66.1)	3
4	923 Outside Services	56.9	54.5	155.5	101.0	4
5	925 Wildfire Ins Prem	73.0	70.0	82.9	12.9	5
6	925 Wildfire Damage Claims	32.8	31.4	139.1	107.7	6
7	926 Employee Pension and Benefits	59.2	56.7	55.5	(1.2)	7
8	930.2 Misc General Expenses	1.4	1.3	12.8	11.5	8
9	All other accounts	33.3	31.9	33.4	1.5	9
10	Total Undercollection	\$ 283.6	\$ 271.6	\$ 461.4	\$ 189.8	10
11						11
12	<b>B. Allocation Factors</b>					12
13	Transm Plant Prop Insurance Alloc Factor (b)	23.39%		36.79%		13
14	Transm Wages and Salaries Alloc Factor (c)	14.44%		17.11%		14
15						15
16	<b>C. After Allocation to Electric Transmission</b>					16
17	920 A&G Salaries	\$ 2.9	\$ 2.8	\$ 7.1	\$ 4.3	17
18	921 Office Supplies and Expenses	1.0	1.0	(10.1)	(11.1)	18
19	923 Outside Services	8.2	7.9	26.6	18.7	19
20	925 Wildfire Ins Prem	10.5	10.1	14.2	4.1	20
21	925 Wildfire Damage Claims	4.7	4.5	23.8	19.3	21
22	926 Employee Pension and Benefits	8.6	8.2	9.5	1.3	22
23	930.2 Misc General Expenses	0.2	0.2	2.2	2.0	23
24	All other accounts	5.4	5.1	6.6	1.5	24
25	Total undercollection	\$ 41.5	\$ 39.8	\$ 79.9	\$ 40.1	25
26						26
27						27
28	<b>Footnotes</b>					28
29	(a) Column B lower sales on revenue 95.80% is derived by dividing the revenues recorded for Cycle 1 during the twelve months of the					29
30	TU Period (\$515.8 million) by Col A, L25 in Exh 1 (\$538.4 million). See WP-1 for additional details.					30
31	(b) The Transmission Plant Property Insurance Allocation Factor, which is used for Account 924, is derived in Statement AH.					31
32	(c) The Transmission Wages and Salaries Allocation Factor, which is used for Accounts other than Account 924, is derived in Statement AI.					32
33						33
34						34

San Diego Gas & Electric Company				WP-1
Derivation of Wholesale Revenues Recorded in the TO4 Cycle 3 - 12 Month True-Up Adjustment				
(\$ in Thousands )				
	A	B	C	
Line	Reference	Description	Revenues TO4 Cycle 1	Line
1	<b>Revenues Recorded During the TO4 Cycle 3 - 12 Month True-Up Period</b>			1
2	TO4 True-Up, Vol 3 Section 3 1 1 L12	Jan-14	\$ 42,549	2
3	TO4 True-Up, Vol 3 Section 3 1 1 L12	Feb-14	39,892	3
4	TO4 True-Up, Vol 3 Section 3 1 1 L12	Mar-14	36,249	4
5	TO4 True-Up, Vol 3 Section 3 1 1 L12	Apr-14	37,292	5
6	TO4 True-Up, Vol 3 Section 3 1 1 L12	May-14	43,404	6
7	TO4 True-Up, Vol 3 Section 3 1 1 L12	Jun-14	43,135	7
8	TO4 True-Up, Vol 3 Section 3 1 1 L12	Jul-14	45,690	8
9	TO4 True-Up, Vol 3 Section 3 1 1 L12	Aug-14	48,222	9
10	TO4 True-Up, Vol 3 Section 3 1 1 L12	Sep-14	54,593	10
11	TO4 True-Up, Vol 3 Section 3 1 1 L12	Oct-14	45,960	11
12	TO4 True-Up, Vol 3 Section 3 1 1 L12	Nov-14	39,819	12
13	TO4 True-Up, Vol 3 Section 3 1 1 L12	Dec-14	39,011	13
14	Σ L2 L13	Total	\$ 515,817	14
15				15
16	<b>Base Transmission Revenue Requirement (BTRR)</b>			16
17	Cycle 1 Stmt BK-2, p 2, L33	BTRR - TO4 Cycle 1 - ER13-941	\$ 538,410	17
18		approved on May 27, 2014		18
19				19
20	L14 / L17	% recorded revenue to BTRR	<b>95.80%</b>	20
21				21
22	<b>Note</b>			22
23	The percentages calculated on Line 20 of this workpaper support the revenue			23
24	adjustment percentages used in Column B of Exhibit Nos 1, 2, and 3			24

San Diego Gas & Electric Company						WP-2
TO4 Cycle 3 True-Up Period Adjustment Analysis						
For 12 Months January 1, 2014 to December 31, 2014						
(\$ in Millions)						
		A	B	C	D	
		Prior Period Revenue Requirements	Recorded Revenues in TU Period	TO4 C3	TO4 C3	
			TO4 Cycle 1 12 Mos	12 mo. True-Up Period	12 mo. True-Up Adjustment	
Ln		ER13-941-000	1/14 - 12/14	Cost of Service	1/14 - 12/14	Ln
No	Description	TO4 Cycle 1 6/11 - 5/12	(A * 95.80%) 95.80%	1/14 - 12/14	D = C - B	No
		See WP-1				
1	Return on Rate Base - Non-Sunrise	\$ 131.8	\$ 126.2	\$ 177.6	\$ 51.4	1
2						2
3	Return on Rate Base - Sunrise	-	-	152.0	152.0	3
4	Return on Rate Base Line 1+3		\$ 126.2	\$ 329.6	\$ 203.4	4
5						5
6	Return on Forecast Plant Adds- Non Sunrise	\$ 39.4	\$ 37.8	\$ -	\$ (37.8)	6
7						7
8	Return on Forecast Plant Adds- Sunrise	201.5	193.0	-	(193.0)	8
9	Return on Forecast Plant Additions Line 6+8		\$ 230.8	\$ -	\$ (230.8)	9
10						10
11	Return on Rate Base- AFUDC Equity on Depreciation		\$ -	\$ 2.9	\$ 2.9	11
12						12
13						13
14	<b>Total Return Line 4+9+11:</b>		\$ 357.0	\$ 332.5	\$ (24.5)	14
15						15



SDG&E				WP-3
Reconciliation of 12 Month TU COS - Depreciation				
(\$ in Millions)				
Ln No	Description	\$ Millions	Reference	Ln No
1	<b>A. Explanation of TU Depreciation Undercollection:</b>			1
2				2
3	TO4 12 Month COS Depreciation	\$ 113.4	Exhibit No. 1, Col. C, Line 6	3
4				4
5	Less Depreciation in Recorded Revenues	(52.5)	Exhibit No. 1, Col. B, Line 6	5
6				6
7	Undercollected Depreciation	\$ 60.9	Exhibit No. 1, Col. D, Line 6	7
8				8
9	<b>Undercollected Depreciation is made up of the following:</b>			9
10	a Sunrise Depreciation in TU COS, but not in TO4 C1	\$ 26.9		10
11				11
12	b Non Sunrise Depreciation (L7 - L10)	34.0	(a)	12
13				13
14	Total Undercollected Depreciation in TO4 Cycle 3 - 12 Month TU	\$ 60.9		14
15				15
16	<b>Footnote</b>			16
17	(a) There were significant non-Sunrise additions in 2014 that contributed to the increase in depreciation. The			17
18	largest one was the East County (ECO) substation, wood-to-steel projects, other transmission-related projects,			18
19	and general and common plant-related projects			19

SDG&E				WP-4
Reconciliation of 12 Month TU COS - Property Tax				
(\$ in Millions)				
Ln No	Description	\$ Millions	Reference	Ln No
1	<b>A. Explanation of TU Property Tax Undercollection</b>			1
2				2
3	TO4 12 Month TU COS - Property Tax	\$ 30.1	Exhibit No. 1, Col. C, Line 8	3
4				4
5	Less Property Tax in Recorded Revenues	(10.7)	Exhibit No. 1, Col. B, Line 8	5
6				6
7	Undercollected Property Tax	\$ 19.4	Exhibit No. 1, Col. D, Line 8	7
8				8
9	<b>Undercollected Property Tax is made up of the following:</b>			9
10	a. Sunrise Property Tax in TU COS, but not in TO4 C1	\$ 12.2	See Sunrise Below	10
11				11
12	b. Non Sunrise Property Tax in TU COS (L3 - L10)	\$ 17.9		12
13				13
14	c. Non Sunrise Property Tax in C1 (L5)	(10.7)		14
15				15
16	Undercollection of Non Sunrise Property Tax (L12 + L14)	7.2	Non Sunrise	16
17				17
18	Total Undercollected Property Tax in TO4 Cycle 3 12-Month TU ( L10 + L16)	\$ 19.4		18
19				19
20				20
21	<b>B. Estimated Sunrise Property Tax in the 12 month TU COS (Using 2014 Base Period Amounts )</b>			21
22			2014 Base Period	22
23	Transmission Related Property Tax	\$ 30.1	BK1, Pg 1 of 6, Line 16	23
24				24
25	Total Gross Transmission Plant	4,105.8	BK1, Pg 3 of 6, Line 6 Less Line 3 for Elec. Misc. Intangible Plant not charged with property tax	25
26				26
27	Property Tax cost per dollar of Gross Transmission Plant: (L23/L25)	\$0.007336		27
28				28
29	Sunrise Gross Transmission Plant - 13 Month Average	1,665.5		29
30				30
31	Estimated Annual Sunrise Property Tax	\$ 12.2		31
32				32
33	True-Up Period Adjustment Factor: (12/12)	1.0		33
34				34
35	Estimated Sunrise Property Tax in 12 Month TU COS	\$ 12.2		35

# San Diego Gas & Electric Company

## Section 3.1.1

### Derivation of CAISO Wholesale True-Up Adjustment

Docket No. ER16-\_\_\_\_ - \_\_\_\_

Section 3.1.1  
San Diego Gas and Electric Company  
TO4 - WHOLESale True-Up Adjustment Calculation

Line No.	TO4-Formula Cycle in Effect Description	Cycle-1		Cycle-1		Cycle-1		Cycle-1	
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Apr-14	May-14	
1	<b>Beginning Balance (Overcollection)/Undercollection:</b>	\$ -	\$ 9,083,925	\$ 17,493,574	\$ 25,202,013	\$ 33,031,610			
2									
3	<b>Total Recorded Retail Revenues @ Transmission Level <sup>1</sup></b>	\$ 42,549,440	\$ 39,892,251	\$ 36,249,213	\$ 37,291,827	\$ 43,403,924			
4									
5	<b>Amortization of True-Up Adjustment and Interest True-Up Adjustment:</b>								
6	<b>a) Amortization of Prior Cycle True-Up Adjustment and Prior Interest True-Up Adjustment:</b>								
7	i. Amortization of Prior Cycle True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	\$ -			
8	ii. Amortization of Prior Interest True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	\$ -			
9									
10	Total Amortization of True-Up Adjustments & Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -			
11									
12	<b>Adjusted Total Recorded Retail Revenues @ Transmission Level <sup>3</sup></b>	\$ 42,549,440	\$ 39,892,251	\$ 36,249,213	\$ 37,291,827	\$ 43,403,924			
13									
14	<b>Total True-Up Revenues (TU Cost of Service)</b>	\$ 51,620,666	\$ 48,268,751	\$ 43,898,090	\$ 45,042,915	\$ 52,193,527			
15									
16	<b>Net Monthly (Overcollection)/Undercollection:</b>	\$ 9,071,225	\$ 8,376,500	\$ 7,648,877	\$ 7,751,088	\$ 8,789,603			
17									
18	Interest Expense Calculations:								
19	Beginning Balance for Interest Calculation	\$ -	\$ -	\$ -	\$ 25,202,013	\$ 25,202,013			
20	Monthly Activity Included in Interest Calculation Basis	4,535,613	13,259,475	21,272,164	3,875,544	12,145,890			
21	Basis for Interest Expense Calculation	4,535,613	13,259,475	21,272,164	29,077,557	37,347,902			
22	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%			
23	Interest Expense	\$ 12,700	\$ 33,149	\$ 59,562	\$ 78,509	\$ 104,574			
24									
25	<b>Ending Balance (Overcollection)/Undercollection:</b>	\$ 9,083,925	\$ 17,493,574	\$ 25,202,013	\$ 33,031,610	\$ 41,925,787			
26									
27		Jan-14	Feb-14	Mar-14	Apr-14	May-14			
28	FERC INTEREST RATE <sup>4</sup>	3.25%	3.25%	3.25%	3.25%	3.25%			
29	Days in Year	365	365	365	365	365			
30	Days in Month <sup>5</sup>	31	28	31	30	31			
31	Monthly Interest Rate - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%			
32	FERC Interest Rates - Website <sup>4</sup>	0.28%	0.25%	0.28%	0.27%	0.28%			
33	Difference	0.00%	0.00%	0.00%	0.00%	0.00%			
	<b>NOTES:</b>								
A	The above format of the True-Up Adjustment Calculation will be used for each cycle, with the exception of the cycle 2-4-month true-up adjustment.								
1	For the Wholesale True-Up Adjustment Calculation, the Recorded Retail Revenues are measured at the Transmission Level.								
2	The amortization of prior cycle True-Up Adjustment and prior Interest True-Up Adjustment will be repeated as needed in deriving the True-Up Adjustment.								
3	For the Wholesale True-Up Adjustment Calculation, the Adjusted Total Recorded Retail Revenues are measured at the Transmission Level.								
4	The FERC interest rate information comes from the FERC website.								
5	These are fixed days for each month except February for leap vs. non-leap years.								

Section 3.1.1  
San Diego Gas and Electric Company  
TO4 - WHOLESale True-Up Adjustment Calculation

Line No.	TO4-Formula Cycle in Effect Description	Cycle-1 Jun-14	Cycle-1 Jul-14	Cycle-1 Aug-14	Cycle-1 Sep-14	Cycle-1 Oct-14
1	<b>Beginning Balance (Overcollection)/Undercollection:</b>	\$ 41,925,787	\$ 50,906,920	\$ 60,460,408	\$ 70,702,542	\$ 82,343,808
2						
3	<b>Total Recorded Retail Revenues @ Transmission Level <sup>1</sup></b>	\$ 43,134,943	\$ 45,690,134	\$ 48,222,468	\$ 54,592,659	\$ 45,960,210
4						
5	<b>Amortization of True-Up Adjustment and Interest True-Up Adjustment:</b>					
6	<b>a) Amortization of Prior Cycle True-Up Adjustment and Prior Interest True-Up Adjustment:</b>					
7	i. Amortization of Prior Cycle True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	\$ -
8	ii. Amortization of Prior Interest True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	\$ -
9						
10	Total Amortization of True-Up Adjustments & Interest True-Up Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -
11						
12	<b>Adjusted Total Recorded Retail Revenues @ Transmission Level <sup>3</sup></b>	\$ 43,134,943	\$ 45,690,134	\$ 48,222,468	\$ 54,592,659	\$ 45,960,210
13						
14	<b>Total True-Up Revenues (TU Cost of Service)</b>	\$ 51,991,415	\$ 55,087,925	\$ 58,281,667	\$ 66,028,505	\$ 55,689,593
15						
16	<b>Net Monthly (Overcollection)/Undercollection:</b>	\$ 8,856,471	\$ 9,397,791	\$ 10,059,198	\$ 11,435,845	\$ 9,729,382
17						
18	Interest Expense Calculations:					
19	Beginning Balance for Interest Calculation	\$ 25,202,013	\$ 50,906,920	\$ 50,906,920	\$ 50,906,920	\$ 82,343,808
20	Monthly Activity Included in Interest Calculation Basis	20,968,927	4,698,896	14,427,390	25,174,912	4,864,691
21	Basis for Interest Expense Calculation	46,170,939	55,605,816	65,334,310	76,081,832	87,208,500
22	Monthly Interest Rate	0.27%	0.28%	0.28%	0.27%	0.28%
23	<b>Interest Expense</b>	\$ 124,662	\$ 155,696	\$ 182,936	\$ 205,421	\$ 244,184
24						
25	<b>Ending Balance (Overcollection)/Undercollection:</b>	\$ 50,906,920	\$ 60,460,408	\$ 70,702,542	\$ 82,343,808	\$ 92,317,375
26						
27						
28	FERC INTEREST RATE <sup>4</sup>	3.25%	3.25%	3.25%	3.25%	3.25%
29	Days in Year	365	365	365	365	365
30	Days in Month <sup>5</sup>	30	31	31	30	31
31	Monthly Interest Rate - Calculated	0.27%	0.28%	0.28%	0.27%	0.28%
32	FERC Interest Rates - Website <sup>4</sup>	0.27%	0.28%	0.28%	0.27%	0.28%
33	Difference	0.00%	0.00%	0.00%	0.00%	0.00%
	<b>NOTES:</b>					
A	The above format of the True-Up Adjustment Calculation will be used for each cycle, with the exception of the cycle 2 4-month true-up adjustment.					
1	For the Wholesale True-Up Adjustment Calculation, the Recorded Retail Revenues are measured at the Transmission Level.					
2	The amortization of prior cycle True-Up Adjustment and prior Interest True-Up Adjustment will be repeated as needed in deriving the True-Up Adjustment.					
3	For the Wholesale True-Up Adjustment Calculation, the Adjusted Total Recorded Retail Revenues are measured at the Transmission Level.					
4	The FERC interest rate information comes from the FERC website.					
5	These are fixed days for each month except February for leap vs. non-leap years.					

Section 3.1.1  
San Diego Gas and Electric Company  
TO4 - WHOLESale True-Up Adjustment Calculation

Line No.	TO4-Formula Cycle in Effect Description	Cycle-1 Nov-14	Cycle-1 Dec-14	Total	Reference	Line No.
1	<b>Beginning Balance (Overcollection)/Undercollection:</b>	\$ 92,317,375	\$ 100,892,642		Previous Month's Balance	1
2						2
3	<b>Total Recorded Retail Revenues @ Transmission Level<sup>1</sup></b>	\$ 39,819,050	\$ 39,010,779	\$ 515,816,900	Section 3.2.3; Page 1; Line 15.	3
4						4
5	<b>Amortization of True-Up Adjustment and Interest True-Up Adjustment:</b>					5
6	<b>ga. Amortization of Prior Cycle True-Up Adjustment and Prior Interest True-Up Adjustment:</b>					6
7	i. Amortization of Prior Cycle True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	Not Applicable	7
8	ii. Amortization of Prior Interest True-Up Adjustment. <sup>2</sup>	\$ -	\$ -	\$ -	Not Applicable	8
9						9
10	Total Amortization of True-Up Adjustments & Interest True-Up Adjustment	\$ -	\$ -	\$ -	Sum Lines 7 through 8	10
11						11
12	<b>Adjusted Total Recorded Retail Revenues @ Transmission Level<sup>3</sup></b>	\$ 39,819,050	\$ 39,010,779	\$ 515,816,900	Sum Lines 3 & 10	12
13						13
14	<b>Total True-Up Revenues (TU Cost of Service)</b>	\$ 48,134,493	\$ 47,300,451	\$ 623,537,997	Section 3.3.3; Page 1; Line 15.	14
15						15
16	<b>Net Monthly (Overcollection)/Undercollection:</b>	\$ 8,315,444	\$ 8,289,672	\$ 107,721,097	Line 14 Minus Line 12	16
17						17
18	Interest Expense Calculations:					18
19	Beginning Balance for Interest Calculation	\$ 82,343,808	\$ 82,343,808		Beginning Quarterly Balances	19
20	Monthly Activity Included in Interest Calculation Basis	13,887,104	22,189,662		Interest Calculation Basis	20
21	Basis for Interest Expense Calculation	96,230,913	104,533,470		Sum Lines 19 & 20	21
22	Monthly Interest Rate	0.27%	0.28%		FERC Monthly Rates	22
23	Interest Expense	\$ 259,823	\$ 292,694	\$ 1,753,910	Line 21 x Line 22	23
24						24
25	<b>Ending Balance (Overcollection)/Undercollection:</b>	\$ 100,892,642	\$ 109,475,007	\$ 109,475,007	Sum Lines 1; 16; & 23	25
26						26
27		Nov-14	Dec-14			27
28	FERC INTEREST RATE <sup>4</sup>	3.25%	3.25%		Annual Interest Rate - FERC Website	28
29	Days in Year	365	365	365	Line 30 Below Total Col.	29
30	Days in Month <sup>5</sup>	30	31	365	Number of Days Per Month	30
31	Monthly Interest Rate - Calculated	0.27%	0.28%	3.29%	(Line 28)/(Line 29)x(Line 30)	31
32	FERC Interest Rates - Website <sup>4</sup>	0.27%	0.28%	3.29%	Monthly Interest Rate - FERC Website	32
33	Difference	0.00%	0.00%	0.00%	Line 31 - Line 32	33
	<b>NOTES:</b>					
A	The above format of the True-Up Adjustment Calculation will be used for each cycle, with the exception of the cycle 2 4-month true-up adjustment.					
1	For the Wholesale True-Up Adjustment Calculation, the Recorded Retail Revenues are measured at the Transmission Level.					
2	The amortization of prior cycle True-Up Adjustment and prior Interest True-Up Adjustment will be repeated as needed in deriving the True-Up Adjustment.					
3	For the Wholesale True-Up Adjustment Calculation, the Adjusted Total Recorded Retail Revenues are measured at the Transmission Level.					
4	The FERC interest rate information comes from the FERC website.					
5	These are fixed days for each month except February for leap vs. non-leap years.					

# San Diego Gas & Electric Company

## **Section 3.2.1**

Derivation of CAISO Cost of Service  
Rates in Effect for the 12-Month TU  
Period (January 2014 – December 2014)  
Based on SDG&E's TO4-Cycle 1 Offer  
of Settlement Wholesale BTRR

Docket No. ER16-\_\_\_\_-\_\_\_\_

**Section 3.2.1**

**SAN DIEGO GAS AND ELECTRIC COMPANY**

**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**

**Derivation of TO4-Cycle 3 12-Month True-Up Adjustment Rate Calculation**

**Allocation of TO4-CYCLE-1 Offer of Settlement WHOLESALÉ Base Transmission Revenue Requirements ("BTRR") to Customer Classes**

**Based on TO4-CYCLE-1 12 CPs**

(\$1,000)

Line	No.	Customer Classes	(a) Total 12 CPs @ Transmission Level <sup>2</sup>	(b) 12 CP Allocation Percentages @ Transmission Level <sup>3</sup>	(c) Allocated Base Transmission Revenue Requirement	(d) Reference	Line No
1		Total Base Transmission Revenue Requirement <sup>1</sup>			\$ 538,410	TO4-Cycle 1; Docket No ER13-941-001	1
2						Offer of Settlement, 2/4/2014.	2
3		Allocation of BTRR Based on 12-CP.				Statement BK2, Pg 2 of 2, Ln 33, Total Col	3
4		Residential	16,494,741	40.84%	\$ 219,862	Col.C4 = Col (c) Ln1 x Col B. Ln 4	4
5		Small Commercial	4,630,169	11.46%	61,716	Col.C5 = Col (c) Ln1 x Col B. Ln 5	5
6		Medium & Large Commercial/Industrial	18,531,342	45.88%	247,008	Col.C6 = Col (c) Ln1 x Col B. Ln 6	6
7		Street Lighting Revenues	158,362	0.39%	2,111	Col.C7 = Col (c) Ln1 x Col B Ln 7	7
8		Standby Revenues	578,677	1.43%	7,713	Col.C8 = Col (c) Ln1 x Col B. Ln 8	8
9							9
10		Total	40,393,291	100.00%	\$ 538,410	Sum Lines 4 thru 8	10
11							11
12		Total	40,393,291		\$ 538,410	Line 10	12
1		NOTES:					
		Statement refers to SDG&E's TO4, Cycle 1, Cost Statements as derived in its Offer of Settlement Filing in Docket No. ER13-941-001, filed on February 4, 2014					
		and approved by the FERC on May 27, 2014.					
		See Cost Statement BK-2; Page 2 of 2; Line 33.					



Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation

Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESale Rates Using TO4-CYCLE-1 Billing Determinants

Residential Customers <sup>1</sup>

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 219,862	Section 3.2.1; Page 1; Line 4	1
2				2
3	Billing Determinants - Residential Customer Class @ MWh:	7,975,545	Section 3.2.1; Page 16.1; Line 3	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 2	5
6				6
7	Billing Determinants @ Transmission Level	8,340,027	Line 3 x Line 5	7
8				8
9	Residential Energy Rate Per kWh	\$ 0.0263622645	Line 1 / Line 7	9
10				10
11	Residential Energy Rate Per kWh - Rounded	\$ 0.0263622645	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 219,862	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.00)	Line 1 - Line 13	15

Notes:

<sup>1</sup> Residential customers include the following California Public Utilities Commission (CPUC) tariffs:

DR, DR-LI, DR-TOU, EV-TOU, EV-TOU-2, EV-TOU-3, DR-IV, D-SMF.

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation  
Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants

Small Commercial Customers<sup>1</sup>

(\$000)

Line No.	Customer Classes	Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 61,716	Section 3.2.1; Page 1; Line 5	1
2	Billing Determinants - Small Commercial @ MWh:	2,065,743	Section 3.2.1; Page 16.1; Line 7	2
3	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 3	3
4	Billing Determinants @ Transmission Level	2,160,147	Line 3 x Line 5	4
5	Energy Rate Per kWh @ Transmission Level	\$ 0.0285702743	Line 1 / Line 7	5
6	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0285702743	Line 9, Rounded to 10 Decimal Places	6
7	Proof of Revenues	\$ 61,716	Line 7 x Line 11	7
8	Difference	\$ (0.00)	Line 1 - Line 13	8
9				9
10				10
11				11
12				12
13				13
14				14
15				15

Notes:

<sup>1</sup> Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs:  
A, A-TC, A-TOU, PA.

## Section 3.2.1

## SAN DIEGO GAS AND ELECTRIC COMPANY

## TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation

## Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants

Medium-Large Commercial Customers <sup>1</sup>

(\$000)

Line No	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No
1	<b>Med-Lrg C&amp;I - Demand Revenue Requirement:</b>	\$ 247,008	Section 3 2 1, Page 1; Line 6	1
2	<u>Non-Coincident Demand Determinants @ Transmission Level Used</u>			2
3	<u>to Allocate Total Customer Class Revenues to Voltage Level</u>			3
4	Secondary <sup>2</sup>	23,107 73	Section 3 2 1; Page 14, Line 22, Col C.	4
5	Primary <sup>2</sup>	4,518 67	Section 3 2 1; Page 14, Line 23, Col C	5
6	Transmission <sup>2</sup>	1,462 85	Section 3 2 1, Page 14, Line 24, Col C.	6
7	Total	29,089 25	Sum Lines 4; 5, 6	7
8	<u>Allocation Factors Per Above to Allocate</u>			8
9	<u>Demand Revenue Requirements to Voltage Level</u>			9
10	Secondary	79 43735822%	Line 4 / Line 7	10
11	Primary	15 53381161%	Line 5 / Line 7	11
12	Transmission	5 02883017%	Line 6 / Line 7	12
13	Total	100.00000000%	Sum Lines 10; 11, 12	13
14				14
15	<b>Allocation of Revenue Requirements to Voltage Level:</b>			15
16	Secondary	\$ 196,217	Line 1 x Line 10	16
17	Primary	\$ 38,370	Line 1 x Line 11	17
18	Transmission	\$ 12,422	Line 1 x Line 12	18
19	Total	\$ 247,008	Sum Lines 16, 17, 18	19
20				20
21	<b>Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:</b>			21
22	Secondary	23,107 73	Section 3 2 1, Page 14, Line 22, Col C.	22
23	Primary	4,518 67	Section 3 2 1, Page 14, Line 23; Col C	23
24	Transmission	1,462 85	Section 3 2 1, Page 14; Line 24; Col C	24
25	Total	29,089 25	Sum Lines 22, 23, 24	25
26				26
27	<b>Non-Coincident Demand Rate By Voltage Level @ Transmission:</b>			27
28	Secondary	\$ 8 4913838300	Line 16 / Line 22	28
29	Primary	\$ 8 4913838281	Line 17 / Line 23	29
30	Transmission	\$ 8.4913838351	Line 18 / Line 24	30
31				31
32	<b>Non-Coincident Demand Rate By Voltage Level @ Transmission Level:</b>			32
33	Secondary	\$ 8 4913838300	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 8.4913838281	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 8.4913838351	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<b>Proof of Revenue Calculations:</b>			37
38	Secondary	\$ 196,217	Line 22 x Line 33	38
39	Primary	38,370	Line 23 x Line 34	39
40	Transmission	12,422	Line 24 x Line 35	40
41	Total	\$ 247,008	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ 0 00	Line 1 - Line 41	43
	<b>Notes:</b>			
1	Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs AD, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, A6-TOU, PA-T-1			
2	LF = Transmission Loss Factor, Secondary Level = 1 0457; Primary Level = 1 0108, Transmission Level = 1.0000			

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation

Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESale Rates Using TO4-CYCLE-1 Billing Determinants

Medium-Large Commercial Customers<sup>1</sup>

(\$000)

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Rate Proposal 90% of Total M&L C&I NCD Rates <sup>1</sup>	90 00%		1
2	Secondary	\$ 7 6422454470	90% x Section 3 2 1, Page 4, Line 33	2
3	Primary	\$ 7 6422454453	90% x Section 3 2 1, Page 4, Line 34	3
4	Transmission	\$ 7 6422454516	90% x Section 3 2 1, Page 4, Line 35	4
5				5
6	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 7 6422454470	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 7 6422454453	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 7 6422454516	Line 4, Rounded to 10 Decimal Places	9
10				10
11	<u>Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand<sup>2</sup></u>			11
12	<u>NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)</u>			12
13	Secondary	22,060	Section 3 2 1, Page 15, Line 10, Col D	13
14	Primary	4,203	Section 3 2 1, Page 15, Line 11, Col D	14
15	Transmission	284	Section 3 2 1, Page 15, Line 12, Col D	15
16	Total	26,548	Sum Lines 13, 14, 15	16
17				17
18	<u>Annual Revenues from Current NCD Rate 100% of Total M&amp;L C&amp;I NCD Rates</u>			18
19	Secondary	\$ 187,323	Section 3 2 1, Page 4, Line 33 x Line 13	19
20	Primary	\$ 35,690	Section 3 2 1, Page 4, Line 34 x Line 14	20
21	Transmission	\$ 2,412	Section 3 2 1, Page 4, Line 35 x Line 15	21
22	Total	\$ 225,426	Sum Lines 19, 20, 21	22
23				23
24	<u>Annual Revenues from Proposed NCD Rate 90% of Total M&amp;L C&amp;I NCD Rates</u>			24
25	Secondary	\$ 168,591	Line 7 x Line 13	25
26	Primary	\$ 32,121	Line 8 x Line 14	26
27	Transmission	\$ 2,171	Line 9 x Line 15	27
28	Total	\$ 202,883	Sum Lines 25, 26, 27	28
29				29
30	<u>Revenue Reallocation to Maximum On-Peak Period Demands</u>			30
31	Secondary	\$ 18,732	Line 19 - Line 25	31
32	Primary	\$ 3,569	Line 20 - Line 26	32
33	Transmission	\$ 241	Line 21 - Line 27	33
34	Total	\$ 22,543	Sum Lines 31, 32, 33	34
35				35
36	<u>Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak<sup>3</sup></u>			36
37	<u>NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)</u>			37
38	Secondary	-	Section 3 2 1, Page 15, Col D, Line 17	38
39	Primary	170	Section 3 2 1, Page 15, Col D, Line 18	39
40	Transmission	1,179	Section 3 2 1, Page 15, Col D, Line 19	40
41	Total	1,349	Sum Lines 38, 39, 40	41
42				42
43	<u>Annual Revenues from Current NCD Rate 100% of Total M&amp;L C&amp;I NCD Rates</u>			43
44	Secondary	\$ -	Line 38 x Section 3 2 1, Page 4, Line 33	44
45	Primary	\$ 1,446	Line 39 x Section 3 2 1, Page 4, Line 34	45
46	Transmission	\$ 10,010	Line 40 x Section 3 2 1, Page 4, Line 35	46
47	Total	\$ 11,455	Sum Lines 44, 45, 46	47
48				48
49	<u>Annual Revenues from Proposed NCD Rate 90% of Total M&amp;L C&amp;I NCD Rates</u>			49
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 1,301	Line 8 x Line 39	51
52	Transmission	\$ 9,009	Line 9 x Line 40	52
53	Total	\$ 10,310	Sum Lines 50, 51, 52	53
54				54
55	<u>Revenue Reallocation to Maximum Demand at the Time of System Peak</u>			55
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 145	Line 45 - Line 51	57
58	Transmission	\$ 1,001	Line 46 - Line 52	58
59	Total	\$ 1,146	Sum Lines 56, 57, 58	59
	NOTES			
	<sup>1</sup> 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU			
	<sup>2</sup> 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R			
	<sup>3</sup> 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs A6-TOU			

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands <sup>1</sup>	\$ 22,543	Section 3 2 1, Page 5, Line 34	2
3				3
4	Summer Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	8,327	Section 3 2 1, Page 15, Col B, Line 30	5
6	Primary	1,814	Section 3 2 1, Page 15, Col B, Line 31	6
7	Transmission	192	Section 3 2 1, Page 15, Col B, Line 32	7
8	Total	10,332	Sum Lines 5, 6, 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ Transmission Level (MW)			10
11	Secondary	8,707	Section 3 2 1, Page 15, Col D, Line 30	11
12	Primary	1,833	Section 3 2 1, Page 15, Col D, Line 31	12
13	Transmission	192	Section 3 2 1, Page 15, Col D, Line 32	13
14	Total	10,732	Sum Lines 11, 12, 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	81 13%	Line 11 / Line 14	17
18	Primary	17 08%	Line 12 / Line 14	18
19	Transmission	1 79%	Line 13 / Line 14	19
20	Total	100 00%	Sum Lines 17, 18, 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80 00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates	\$ 18,034	Line 2 x Line 21	22
23	Secondary	\$ 14,632	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,080	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 322	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 18,034	Sum Lines 23, 24, 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates <sup>3</sup>	\$/kW		28
29	Secondary	\$ 1 6803610549	Line 23 / Line 11	29
30	Primary	\$ 1 6803610549	Line 24 / Line 12	30
31	Transmission	\$ 1 6803610549	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1 6803610549	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1 6803610549	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1 6803610549	Line 31, Rounded to 10 Decimal Places	37
38				38
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000				

Section 3 2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	9,738	Section 3 2 1, Page 15, Col B, Line 35	2
3	Primary	2,129	Section 3 2 1, Page 15, Col B, Line 36	3
4	Transmission	246	Section 3 2 1, Page 15, Col B, Line 37	4
5	Total	12,113	Sum Lines 2, 3, 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ Transmission Level (MW)			7
8	Secondary	10,183	Section 3 2 1, Page 15, Col D, Line 35	8
9	Primary	2,152	Section 3 2 1, Page 15, Col D, Line 36	9
10	Transmission	246	Section 3 2 1, Page 15, Col D, Line 37	10
11	Total	12,581	Sum Lines 8, 9, 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.94%	Line 8 / Line 11	14
15	Primary	17.11%	Line 9 / Line 11	15
16	Transmission	1.96%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14, 15, 16	17
18	Share of Total Revenue Allocation to Winter Peak Period	20.00%		18
19	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates	\$ 4,509	(Section 3 2 1, Page 6, Line 2) x Line 18	19
20	Secondary	\$ 3,649	(Section 3 2 1, Page 6, Line 2 x Line 18) x Line 14	20
21	Primary	\$ 771	(Section 3 2 1, Page 6, Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 88	(Section 3 2 1, Page 6, Line 2 x Line 18) x Line 16	22
23	Total	\$ 4,509	Sum Lines 20, 21, 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates <sup>5</sup>	\$/kW		25
26	Secondary	\$ 0.3583676917	Line 20 / Line 8	26
27	Primary	\$ 0.3583676917	Line 21 / Line 9	27
28	Transmission	\$ 0.3583676917	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.3583676917	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.3583676917	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.3583676917	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations			37
38	Secondary	\$ 18,281	(Section 3 2 1, Page 6, Line 11 x Line 35) + (Section 3 2 1, Page 7, Line 8 x Line 32)	38
39	Primary	\$ 3,852	(Section 3 2 1, Page 6, Line 12 x Line 36) + (Section 3 2 1, Page 7, Line 9 x Line 33)	39
40	Transmission	\$ 410	(Section 3 2 1, Page 6, Line 13 x Line 37) + (Section 3 2 1, Page 7, Line 10 x Line 34)	40
41	Total	\$ 22,543	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ 0.00	Section 3 2 1, Page 6, Line 2 Minus Page 7, Line 41	43
44				44
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>6</sup> LF = Transmission Loss Factor. Secondary Level = 1.0457. Primary Level = 1.0108. Transmission Level = 1.0000				

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak <sup>1</sup>	\$ 1,146	Section 3 2 1, Page 5, Line 59	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	-	Section 3 2 1, Page 15, Col B, Line 42	5
6	Primary	58	Section 3 2 1, Page 15, Col B, Line 43	6
7	Transmission	401	Section 3 2 1, Page 15, Col B, Line 44	7
8	Total	459	Sum Lines 5, 6, and 7	8
9				9
10	Summer Maximum Demand at the Time of System Peak @ Transmission Level (MW)			10
11	Secondary	-	Section 3 2 1, Page 15, Col D, Line 42	11
12	Primary	59	Section 3 2 1, Page 15, Col D, Line 43	12
13	Transmission	401	Section 3 2 1, Page 15, Col D, Line 44	13
14	Total	460	Sum Lines 11, 12, and 13	14
15				15
16	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			16
17	Secondary	0 00%	Line 11 / Line 14	17
18	Primary	12 86%	Line 12 / Line 14	18
19	Transmission	87 14%	Line 13 / Line 14	19
20	Total	100 00%	Sum Lines 17, 18, and 19	20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80 00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates	\$ 916	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 118	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 799	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 916	Sum Lines 23, 24, and 25	26
27				27
28	Summer Maximum Demand at the Time of System Peak Rates <sup>3</sup>	\$/kW		28
29	Secondary	\$ -	Line 23 / Line 11	29
30	Primary	\$ 1 9939790430	Line 24 / Line 12	30
31	Transmission	\$ 1 9939790430	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		34
35	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1 9939790430	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1 9939790430	Line 31, Rounded to 10 Decimal Places	37
38				38
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000				

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation  
 Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALE Rates Using TO4-CYCLE-1 Billing Determinants  
 Medium-Large Commercial Customers<sup>1</sup>

(\$000)

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	-	Section 3 2 1, Page 15, Col B, Line 47	2
3	Primary	79	Section 3 2 1, Page 15, Col B, Line 48	3
4	Transmission	530	Section 3 2 1, Page 15, Col B, Line 49	4
5	Total	609	Sum Lines 2, 3, 4	5
6				6
7	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			7
8	Secondary	-	Section 3 2 1, Page 15, Col D, Line 47	8
9	Primary	80	Section 3 2 1, Page 15, Col D, Line 48	9
10	Transmission	530	Section 3 2 1, Page 15, Col D, Line 49	10
11	Total	610	Sum Lines 8, 9, 10	11
12				12
13	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			13
14	Secondary	0 00%	Line 8 / Line 11	14
15	Primary	13 05%	Line 9 / Line 11	15
16	Transmission	86 95%	Line 10 / Line 11	16
17	Total	100 00%	Sum Lines 14, 15, 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20 00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates	\$ 229	Section 3 2 1, Page 8, Line 2 x Line 18	19
20	Secondary	\$ -	(Section 3 2 1, Page 8, Line 2) x (Line 18) x (Line 14)	20
21	Primary	\$ 30	(Section 3 2 1, Page 8, Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 199	(Section 3 2 1, Page 8, Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 229	Sum Lines 20, 21, 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates <sup>5</sup>	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0 3754984850	Line 21 / Line 9	27
28	Transmission	\$ 0 3754984850	Line 21 / Line 10	28
29				29
30				30
31	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		31
32	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0 3754984850	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0 3754984850	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations			37
38	Secondary	\$ -	Section 3 2 1, Page 8 (Line 11 x Line 35) + Page 9, (Line 8 x Line 32)	38
39	Primary	\$ 148	Section 3 2 1, Page 8 (Line 12 x Line 36) + Page 9, (Line 9 x Line 33)	39
40	Transmission	\$ 998	Section 3 2 1, Page 8 (Line 13 x Line 37) + Page 9, (Line 10 x Line 34)	40
41	Total	\$ 1,146	Sum Lines 38, 39, and 40	41
42				42
43	Difference	\$ 0 00	Section 3 2 1, Page 8, Line 2 Minus Page 9, Line 41	43
44				44
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>6</sup> LF = Transmission Loss Factor Secondary Level = 1 0457, Primary Level = 1 0108 Transmission Level = 1 0000				



**Section 3.2.1**

**SAN DIEGO GAS AND ELECTRIC COMPANY**

**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation**

**Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESAL E Rates Using TO4-CYCLE-1 Billing Determinants**

**Street Lighting Customers**

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Street Lighting - Allocated Transmission Revenue Requirement	\$ 2,111	Section 3.2.1; Page 1; Line 7	1
2				2
3	Billing Determinants - Street Lighting Customers @ MWh <sup>1</sup> :	115,015	Section 3.2.1; Page 16.1; Line 23	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.2.1; Page 14; Col. B; Line 10	5
6				6
7	Billing Determinants @ Transmission Level	120,271	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0175520152	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0175520152	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 2,111	Line 7 x Line 11	13
14				14
15	Difference	\$ 0.00	Line 1 - Line 13	15

**Notes:**

<sup>1</sup> Street lighting customers include the following California Public Utilities Commission (CPUC) tariffs:

DWL, OL-1, LS-1, LS-2.

Section 3.2.1				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of TO4-CYCLE 1 Offer of Settlement WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants				
Standby Revenues Calculation				
(\$000)				
Line No.	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	<b>Standby - Demand Revenue Requirement:</b>	\$ 7,713	Section 3 2.1, Page 1, Line 8	1
2	<u>Demand Determinants @ Transmission Level Used to Allocate</u>			2
3	<u>Total Class Revenues to Voltage Level</u>			3
4	Secondary <sup>1</sup>	139 68	Section 3 2 1; Page 15, Col D; Line 54	4
5	Primary <sup>1</sup>	1,140 58	Section 3 2 1, Page 15, Col D, Line 55	5
6	Transmission <sup>1</sup>	727 99	Section 3 2.1, Page 15, Col D, Line 56	6
7	Total	2,008 25	Sum Lines 4, 5, 6	7
8	<u>Allocation Factors Per Above to Allocate</u>			8
9	<u>Demand Revenue Requirements to Voltage Level</u>			9
10	Secondary	6.9551190%	Line 4 / Line 7	10
11	Primary	56 7948291%	Line 5 / Line 7	11
12	Transmission	36 2500519%	Line 6 / Line 7	12
13	Total	100 0000000%	Sum Lines 10, 11, 12	13
14				14
15	<b>Allocation of Revenue Requirements to Voltage Level:</b>			15
16	Secondary	\$ 536	Line 1 x Line 10	16
17	Primary	4,381	Line 1 x Line 11	17
18	Transmission	2,796	Line 1 x Line 12	18
19	Total	\$ 7,713	Sum Lines 16, 17, 18	19
20				20
21	<b>Demand Determinants By Voltage Level @ Transmission:</b>			21
22	Secondary	139.68	Section 3 2 1, Page 11, Line 4	22
23	Primary	1,140.58	Section 3 2.1, Page 11, Line 5	23
24	Transmission	727 99	Section 3.2.1, Page 11, Line 6	24
25	Total	2,008 25	Sum Lines 22, 23, 24	25
26				26
27	<b>Demand Rate By Voltage Level @ Transmission:</b>			27
28	Secondary	\$ 3 8374457851	Line 16 / Line 22	28
29	Primary	\$ 3 8410192344	Line 17 / Line 23	29
30	Transmission	\$ 3.8407015462	Line 18 / Line 24	30
31				31
32	<b>Demand Rate By Voltage Level @ Transmission (Rounded):</b>			32
33	Secondary	\$ 3 8374457851	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 3 8410192344	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 3 8407015462	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<b>Proof of Revenue Calculations:</b>			37
38	Secondary	\$ 536	Line 22 x Line 33	38
39	Primary	4,381	Line 23 x Line 34	39
40	Transmission	2,796	Line 24 x Line 35	40
41	Total	\$ 7,713	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43
	<b>Notes:</b>			
	<sup>1</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1.0000			

Section 3.2.1

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing; TO4-Cycle 3 TRUE-UP ADJUSTMENT CALCULATION

WHOLESALE - Rate Design Information

Summary of TO4-CYCLE-1 Offer of Settlement Wholesale Transmission Rates Based on TO4-CYCLE-1 Wholesale Cost of Service

Using TO4-CYCLE-1 Forecast Billing Determinants

Line No	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Demand Rates \$/kW-Mo	Primary Demand Rates \$/kW-Mo	Secondary Demand Rates \$/kW-Mo	Reference	Line No
1	Residential	\$ 0.0263622645				Section 3.2.1, Page 2; Line 11	1
2							2
3	Small Commercial	\$ 0.0285702743				Section 3.2.1; Page 3; Line 11	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) <sup>1</sup>		\$ 8.4913838351	\$ 8.4913838281	\$ 8.4913838300	Section 3.2.1; Page 4, Lines 33,34,35	6
7							7
8	Non-Coincident Demand (90%) <sup>2</sup>		\$ 7.6422454516	\$ 7.6422454453	\$ 7.6422454470	Section 3.2.1; Page 5, Lines 7,8,9	8
9							9
10	Maximum On-Peak Demand <sup>3</sup>						10
11	Summer		\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	Section 3.2.1; Page 6, Lines 35,36,37	11
12	Winter		\$ 0.3583676917	\$ 0.3583676917	\$ 0.3583676917	Section 3.2.1; Page 7, Lines 32,33,34	12
13							13
14	Maximum Demand at the Time of System Peak <sup>4</sup>						14
15	Summer		\$ 1.9939790430	\$ 1.9939790430	\$ -	Section 3.2.1, Page 8, Lines 29;30,31	15
16	Winter		\$ 0.3754984850	\$ 0.3754984850	\$ -	Section 3.2.1; Page 9, Lines 32,33,34	16
17							17
18	Street Lighting	\$ 0.0175520152				Section 3.2.1, Page 10, Line 11	18
19							19
20	Standby Rate		\$ 3.8407015462	\$ 3.8410192344	\$ 3.8374457851	Section 3.2.1; Page 11, Lns 33,34,35	20

NOTES:

<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs Schedules AD and PA-T-1

<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.

<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs. Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R

<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU

**Section 3.2.1**

**SAN DIEGO GAS AND ELECTRIC COMPANY**

**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing; TO4-Cycle 3 True-Up Adjustment**

**WHOLESALE - Rate Design Information**

**Summary of TO4-CYCLE-1 Offer of Settlement Wholesale BTRR Proof of Revenues Based on TO4-CYCLE-1 Wholesale Cost of Service**

(\$1,000)

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 219,862	\$ 219,862	(0)	Sect. 3.2.1; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	61,716	61,716	(0)	Sect. 3.2.1; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	247,008	247,008	0	Sect. 3.2.1; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Street Lighting	2,111	2,111	0	Sect. 3.2.1; Pg. 1; Ln. 7; & Pg. 10; Ln. 13	7
8						8
9	Standby Revenues	7,713	7,713	-	Sect. 3.2.1; Pg. 1; Ln. 8; & Pg. 11; Ln. 41	9
10						10
11	Grand Total	\$ 538,410	\$ 538,410	(0)	Sum Lines 1 thru 9	11

Section 3.2.1									
SAN DIEGO GAS AND ELECTRIC COMPANY									
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing; TO4-Cycle 3 True-Up Adjustment									
WHOLESALE - Rate Design Information									
Development of TO4-CYCLE-1 12-CP Allocation Factors and Voltage Level Allocation Factors									
Line No	Customer Class	(A) 5 Year Average Ending 12/31/2010 Of 12 CPs Kilowat @ Meter Level <sup>1</sup>	(B) Transmission Loss Factors	(C) = (A) x (B) 5 Year Average Ending 12/31/2010 Of 12 CPs Kilowat @ Transmission Level	(D) Allocation Percentages @ Transmission Level	Reference	Line No		
1	5-Year Average - 12CP Allocation Factors					From Statement BB;	1		
2	Residential Customers	15,773,875	1.0457	16,494,741	40.84%	Docket No ER13-941	2		
3	Small Commercial Customers	4,427,818	1.0457	4,630,169	11.46%	Docket No ER13-941	3		
4	Medium-Large Commercial Customers						4		
5	Secondary	13,289,581	1.0457	13,896,915	34.40%	Docket No ER13-941	5		
6	Primary	3,261,126	1.0108	3,296,346	8.16%	Docket No ER13-941	6		
7	Transmission	1,338,081	1.0000	1,338,081	3.31%	Docket No ER13-941	7		
8	Total Medium-Large Commercial	17,888,788	1.0359	18,531,342	45.88%	Sum Lines 5, 6, 7	8		
9							9		
10	Street Lighting	151,441	1.0457	158,362	0.39%	Docket No ER13-941	10		
11	Standby Customers						11		
12	Secondary	38,360	1.0457	40,113	0.10%	Docket No ER13-941	12		
13	Primary	325,624	1.0108	329,141	0.82%	Docket No ER13-941	13		
14	Transmission	209,423	1.0000	209,423	0.52%	Docket No ER13-941	14		
15	Total Standby Customers	573,407	1.0092	578,677	1.43%	Sum Lines 12, 13, 14	15		
16							16		
17	System Total	38,815,329	1.04065	40,393,291	100.00%	Sum Lines 2, 3, 8, 10, 15	17		
18							18		
19				Transmission Level		From Statement BD;	19		
20	Medium-Large Commercial Customers	Meter Level			Ratios		20		
21	Billing Determinants - (Non-Coincident Demand)						21		
22	Secondary	22,098	1.0457	23,108	79.44%	Docket No ER13-941	22		
23	Primary	4,470	1.0108	4,519	15.53%	Docket No ER13-941	23		
24	Transmission	1,463	1.0000	1,463	5.03%	Docket No ER13-941	24		
25	Total	28,031	1.0377	29,089	100.00%	Sum Lines 22, 23, 24	25		
26							26		
27				Transmission Level			27		
28	Standby Customers	Meter Level			Ratios		28		
29	Billing Determinants - (Contracted Standby Demand)						29		
30	Secondary	134	1.0457	140	6.96%	Docket No ER13-941	30		
31	Primary	1,128	1.0108	1,141	56.80%	Docket No ER13-941	31		
32	Transmission	728	1.0000	728	36.25%	Docket No ER13-941	32		
33	Total	1,990	1.0092	2,008	100.00%	Sum Lines 30, 31, 32	33		
NOTES									
1	Information comes from SDG&E's TO4-Cycle 1 Informational filing filed with the FERC in Docket No ER13-941-000 filed on February 15, 2013								
	See Cost Statements BB, Allocation Demand and Capability Data, and Cost Statement BD, Allocation Energy and Supporting Data								

**Section 3.2.1**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formula Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation**  
**Derivation of TO4-CYCLE 1 WHOLESALe Rates Using TO4-CYCLE-1 Billing Determinants**  
**Development of TO4-CYCLE-1 12-CP Allocation Factors and Voltage Level Allocation Factors**

Line No	(A)	(B)		(C)		(D) = (B) x (C)		(E)	Reference
		Forecast Demand Determinants Megawatt @ Meter Level	Transmission Loss Factors	Forecast Demand Determinants Megawatt @ Transmission Level	Ratios				
1	Customer Class								
2	Forecast Demand Determinants for Medium-Large Commercial Customers								
3	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate								
4	Secondary	1,002	1.0457	1,047	87.82%	Section 3.2.1, Page 17.1, Line 35			
5	Primary	144	1.0108	145	12.18%	Section 3.2.1, Page 17.1, Line 36			
6	Transmission	-	1.0000	-	0.00%	Section 3.2.1, Page 17.1, Line 37			
7	Total	1,145	1.193	1,193	100.00%	Sum Lines 3, 4, 5			
8	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate								
9	with Maximum On-Peak Period Demand								
10	Secondary	21,096	1.0457	22,060	83.10%	Section 3.2.1, Page 17.2, Line 61			
11	Primary	4,158	1.0108	4,203	15.83%	Section 3.2.1, Page 17.2, Line 62			
12	Transmission	284	1.0000	284	1.07%	Section 3.2.1, Page 17.2, Line 63			
13	Total	25,539		26,548	100.00%	Sum Lines 10, 11, 12			
14									
15	Non-Coincident Demand Determinants Pertaining to Customers on Schedules @ 50% NCD Rate								
16	with Maximum Demand at the Time of System Peak								
17	Secondary	-	1.0457	-	0.00%	Section 3.2.1, Page 17.3, Line 97			
18	Primary	168	1.0108	170	12.62%	Section 3.2.1, Page 17.3, Line 98			
19	Transmission	1,179	1.0000	1,179	87.38%	Section 3.2.1, Page 17.3, Line 99			
20	Total	1,347		1,349	100.00%	Sum Lines 17, 18, 19			
21									
22	Total Non-Coincident Demand Determinants Pertaining to Medium-Large Commercial Customers								
23	Secondary	22,098	1.0457	23,108	79.44%	Sum Lines 3, 10, 17			
24	Primary	4,470	1.0108	4,519	15.53%	Sum Lines 4, 11, 18			
25	Transmission	1,463	1.0000	1,463	5.03%	Sum Lines 5, 12, 19			
26	Total	28,031		29,089	100.00%	Sum Lines 23, 24, 25			
27									
28	Maximum On-Peak Period Demand Determinants								
29	Summer (May, June, July, August, September)								
30	Secondary	8,327	1.0457	8,707	81.13%	Section 3.2.1, Page 17.2, Line 71			
31	Primary	1,814	1.0108	1,833	17.08%	Section 3.2.1, Page 17.2, Line 72			
32	Transmission	192	1.0000	192	1.79%	Section 3.2.1, Page 17.2, Line 73			
33	Total	10,332		10,732	100.00%	Sum Lines 30, 31, 32			
34	Winter (October, November, December, January, February, March, April)								
35	Secondary	9,798	1.0457	10,183	80.94%	Section 3.2.1, Page 17.2, Line 71			
36	Primary	2,129	1.0108	2,152	17.11%	Section 3.2.1, Page 17.2, Line 72			
37	Transmission	246	1.0000	246	1.96%	Section 3.2.1, Page 17.2, Line 73			
38	Total	12,113		12,581	100.01%	Sum Lines 35, 36, 37			
39									
40	Maximum Demand at the Time of System Peak Determinants								
41	Summer (May, June, July, August, September)								
42	Secondary	-	1.0457	-	0.00%	Section 3.2.1, Page 17.3, Line 107			
43	Primary	58	1.0108	59	12.86%	Section 3.2.1, Page 17.3, Line 108			
44	Transmission	401	1.0000	401	87.14%	Section 3.2.1, Page 17.3, Line 109			
45	Total	459		460	100.00%	Sum Lines 42, 43, 44			
46	Winter (October, November, December, January, February, March, April)								
47	Secondary	-	1.0457	-	0.00%	Section 3.2.1, Page 17.3, Line 107			
48	Primary	79	1.0108	80	13.05%	Section 3.2.1, Page 17.3, Line 108			
49	Transmission	530	1.0000	530	86.95%	Section 3.2.1, Page 17.3, Line 109			
50	Total	609		610	100.00%	Sum Lines 47, 48, 49			
51									
52	Forecast Demand Determinants for Standby Customers								
53	Contracted Demand Determinants								
54	Secondary	134	1.0457	140	6.96%	Section 3.2.1, Page 17.3, Line 114			
55	Primary	1,128	1.0108	1,141	56.80%	Section 3.2.1, Page 17.3, Line 115			
56	Transmission	728	1.0000	728	36.25%	Section 3.2.1, Page 17.3, Line 116			
57	Total	1,990		2,008	100.00%	Sum Lines 54, 55, 56			



Section 3.2.1														
San Diego Gas & Electric														
FERC Forecast Sales @ Transmission Level for the Rate Effective Period: September 2013 - August 2014														
Line No		Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total
46	Non-Coincident Demand (%)	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%
47	% @ Secondary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%
48	% @ Primary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
50														
51	Non-Coincident Demand (MW)													
52	MW @ Secondary Service	107.350	94.816	86.241	73.868	61.657	60.054	62.965	75.135	81.519	93.128	103.407	101.437	1,001.577
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
54	Non-Coincident Demand @ Transmission Level	112.255	99.149	90.182	77.244	64.475	62.799	65.843	78.568	85.245	97.384	108.133	106.073	1,047.350
55														
56	MW @ Primary Service	15.407	13.609	12.378	10.602	8.849	8.619	9.037	10.784	11.700	13.366	14.842	14.559	143.753
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	
58	Non-Coincident Demand @ Transmission Level	15.574	13.756	12.512	10.717	8.945	8.712	9.135	10.900	11.826	13.511	15.002	14.716	145.305
59														
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	Non-Coincident Demand @ Meter Level	122.757	108.424	98.619	84.470	70.507	68.674	72.002	85.918	93.219	106.495	118.249	115.996	1,145.330
62	Non-Coincident Demand @ Transmission Level	127.829	112.904	102.694	87.960	73.420	71.511	74.977	89.469	97.071	110.895	123.135	120.789	1,192.655
63														
64														
65	Schedules AL-TOU / AX-TOU / DG-R:													
66	Applicable to 90% NCD - Total Deliveries (MWh)	901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
67														
68	Total Deliveries (%)													
69	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%
70	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%
71	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
73	Total Deliveries (MWh)													
74	MWh @ Secondary Service	717,494	640,748	638,257	610,672	616,034	595,612	604,347	591,660	602,447	642,346	664,312	664,663	7,588,591
75	MWh @ Primary Service	170,566	152,321	151,729	145,172	146,446	141,592	143,668	140,652	143,216	152,701	157,923	158,007	1,803,994
76	MWh @ Transmission Service	12,975	11,587	11,542	11,043	11,140	10,771	10,929	10,699	10,894	11,616	12,013	12,020	137,229
77		901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
78														
79	Non-Coincident Demand (%)													
80	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%
81	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%
82	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%
83														
84	Non-Coincident Demand (MW)													
85	MW @ Secondary Service	1,994.634	1,781.278	1,774.354	1,697.667	1,712.574	1,655.802	1,680.085	1,644.814	1,674.802	1,785.722	1,846.788	1,847.763	21,096.283
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
87	Non-Coincident Demand @ Transmission Level	2,085.789	1,862.683	1,855.442	1,775.251	1,790.838	1,731.472	1,756.865	1,719.982	1,751.341	1,867.329	1,931.186	1,932.206	22,060.383
88														
89	MW @ Primary Service	393.155	351.101	349.736	334.621	337.559	326.369	331.155	324.203	330.114	351.977	364.013	364.205	4,158.206
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	
91	Non-Coincident Demand @ Transmission Level	397.401	354.893	353.513	338.234	341.204	329.893	334.731	327.704	333.679	355.778	367.944	368.139	4,203.114







San Diego Gas & Electric														
FERC Forecast Period: September 2013 - August 2014														
Line No	Line	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total
1	SDG&E: System Delivery Determinants													
2														
3	Customer Class Deliveries (MWh)													
4	Residential	759,711	653,236	630,241	705,653	769,750	676,583	637,314	591,652	578,937	603,725	671,273	697,467	7,975,545
5	Small Commercial	197,755	175,917	169,462	166,370	170,454	164,145	163,647	159,492	159,121	170,439	184,695	184,247	2,065,743
6	Med & Large Comm /Ind (AD + PA-T-1)	30,316	26,776	24,355	20,861	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	282,848
7	Med & Large Comm /Ind (AY + AL + DGR)	901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
8	Med & Large Comm /Ind (A6)	58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
9	Lighting	9,572	9,575	9,578	9,582	9,580	9,582	9,585	9,587	9,590	9,592	9,595	9,597	115,015
10	Sale for Resale	1,93	1,93	1,93	1,93	1,93	1,93	1,93	1,93	1,93	1,93	1,93	1,93	23,18
11	Total System	1,957,227	1,729,016	1,694,037	1,728,242	1,799,723	1,674,168	1,646,213	1,583,919	1,586,202	1,675,711	1,788,024	1,813,674	20,676,154
12														
13	Med. & Large Comm./Ind.													
14	Rate Schedule Billing Determinants													
15														
16	Schedules AD / PA-T-1:													
17	Total Deliveries (MWh)	30,316	26,776	24,355	20,861	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	282,848
18														
19	Total Deliveries (%)													
20	% @ Secondary Service	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%
21	% @ Primary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%
22	% @ Transmission Service	0.00%	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		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
24	Total Deliveries (MWh)													
25	MWh @ Secondary Service	27,260	24,077	21,900	18,758	15,657	15,250	15,989	19,079	20,701	23,649	26,259	25,758	254,337
26	MWh @ Primary Service	3,056	2,699	2,455	2,103	1,755	1,710	1,792	2,139	2,321	2,651	2,944	2,888	28,511
27	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
28		30,316	26,776	24,355	20,861	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	282,848
29	Non-Comcident Demand (%)													
30	% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%
31	% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
33														
34	Non-Comcident Demand (MW)													
35	MW @ Secondary Service	107,350	94,816	86,241	73,868	61,657	60,054	62,965	75,135	81,519	93,128	103,407	101,437	1,001,577
36	MW @ Primary Service	15,407	13,609	12,378	10,602	8,849	8,619	9,037	10,784	11,700	13,366	14,842	14,559	143,753
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38		122,757	108,424	98,619	84,470	70,507	68,674	72,002	85,918	93,219	106,495	118,249	115,996	1,145,330
39														

San Diego Gas & Electric														Line
FERC Forecast Period: September 2013 - August 2014														No
Line	No	Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total
40														
41														
42	Schedules A1-TOU / AY-TOU / DG-R:													
43	Total Deliveries (MWh)	901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
44														
45	Total Deliveries (%)													
46	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%
47	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%
48	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
50	Total Deliveries (MWh)													
51	MWh @ Secondary Service	717,494	640,748	638,257	610,672	616,034	595,612	604,347	591,660	602,447	642,346	664,312	664,663	7,588,591
52	MWh @ Primary Service	170,566	152,321	151,729	145,172	146,446	141,592	143,668	140,652	143,216	152,701	157,923	158,007	1,803,994
53	MWh @ Transmission Service	12,975	11,587	11,542	11,043	11,140	10,771	10,929	10,699	10,894	11,616	12,013	12,020	137,229
54		901,035	804,656	801,528	766,886	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	9,529,814
55	Non-Comcident Demand (%)													
56	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%
57	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%
58	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%
59														
60	Non-Comcident Demand (MW)													
61	MW @ Secondary Service	1,994.634	1,781.278	1,774.354	1,697.667	1,712.574	1,655.802	1,680.085	1,644.814	1,674.802	1,785.722	1,846.788	1,847.763	21,096.283
62	MW @ Primary Service	393.155	351.101	349.736	334.621	337.559	326.369	331.155	324.203	330.114	351.977	364.013	364.205	4,158.206
63	MW @ Transmission Service	26.858	23.985	23.892	22.859	23.060	22.296	22.623	22.148	22.551	24.045	24.867	24.880	284.065
64		2,414.647	2,156.364	2,147.982	2,055.147	2,073.193	2,004.466	2,033.863	1,991.165	2,027.467	2,161.743	2,235.668	2,236.849	25,538.554
65	On-Peak Demand (%)													
66	% @ Secondary Service	0.2530%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2266%	0.2530%	0.2530%	0.2530%	0.2530%	0.2380%
67	% @ Primary Service	0.2318%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2084%	0.2318%	0.2318%	0.2318%	0.2318%	0.2185%
68	% @ Transmission Service	0.3219%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3165%	0.3219%	0.3219%	0.3219%	0.3219%	0.3188%
69														
70	On-Peak Demand (MW)													
71	MW @ Secondary Service	1,815.261	1,451.934	1,446.290	1,383.782	1,395.932	1,349.657	1,369.451	1,340.701	1,524.190	1,625.135	1,680.710	1,681.597	18,064.641
72	MW @ Primary Service	395.372	317.438	316.204	302.538	305.194	295.077	299.404	293.119	331.976	353.962	366.066	366.259	3,942.608
73	MW @ Transmission Service	41.766	36.673	36.530	34.952	35.259	34.090	34.590	33.863	35.069	37.392	38.670	38.691	437.545
74		2,252.399	1,806.045	1,799.024	1,721.271	1,736.385	1,678.823	1,703.445	1,667.683	1,891.235	2,016.489	2,085.446	2,086.548	22,444.793
75														

San Diego Gas & Electric FERC Forecast Period: September 2013 - August 2014														
Line No.		Sep-13	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Total
76														
77														
78	Schedule A6-TOU:													
79	Total Deliveries (MWh)	58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
80														
81	Total Deliveries (%)													
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	% @ Primary Service	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%	12.36%
84	% @ Transmission Service	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%	87.64%
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
86	Total Deliveries (MWh)													
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
88	MWh @ Primary Service	7,272	7,274	7,276	7,279	7,281	7,283	7,285	7,287	7,289	7,291	7,293	7,295	87,406
89	MWh @ Transmission Service	51,564	51,579	51,594	51,609	51,624	51,639	51,654	51,669	51,684	51,699	51,714	51,730	619,760
90		58,836	58,853	58,870	58,888	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	707,166
91	Non-Coincident Demand (%)													
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
93	% @ Primary Service	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%	0.1927%
94	% @ Transmission Service	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%	0.1902%
95														
96	Non-Coincident Demand (MW)													
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	MW @ Primary Service	14.013	14.018	14.022	14.026	14.030	14.034	14.038	14.042	14.046	14.050	14.054	14.058	168.431
99	MW @ Transmission Service	98.075	98.103	98.132	98.160	98.189	98.218	98.246	98.275	98.304	98.332	98.361	98.390	1,178.784
100		112.088	112.121	112.153	112.186	112.219	112.252	112.284	112.317	112.350	112.382	112.415	112.448	1,347.215
101	Coincident Peak Demand (%)													
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
103	% @ Primary Service	0.1604%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1546%	0.1604%	0.1604%	0.1604%	0.1604%	0.1570%
104	% @ Transmission Service	0.1550%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1468%	0.1550%	0.1550%	0.1550%	0.1550%	0.1502%
105														
106	Coincident Peak Demand (MW)													
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108	MW @ Primary Service	11.665	11.246	11.249	11.253	11.256	11.259	11.262	11.266	11.269	11.272	11.275	11.278	137.243
109	MW @ Transmission Service	79.924	75.718	75.740	75.762	75.784	75.806	75.828	75.850	75.872	75.894	75.916	75.938	930.996
110		91.589	86.964	86.989	87.015	87.040	87.065	87.091	87.116	87.141	87.166	87.191	87.216	1,068.239
111														
112	Schedule S: Standby Determinants:													
113	Contracted Standby Demand (MW)													
114	MW @ Secondary Service	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	11.131	133.572
115	MW @ Primary Service	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	94.033	1,128.396
116	MW @ Transmission Service	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	60.666	727.992
117		165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	165.830	1,989.960
118														

# San Diego Gas & Electric Company

## **Section 3.2.2**

Proof of Revenues that the Wholesale  
Transmission Rates Derived in Section  
3.2.1 will Generate the Total Wholesale  
Cost of Service from Section 3.2.1

Docket No. ER16-\_\_\_\_-\_\_\_\_

Section 3 2 2															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing															
PROOF OF REVENUES from the WHOLESALe Rates Developed from the TO4-Cycle 1 Offer of Settlement															
For the Rate Effective Period September 2013 - August 2014															
12-Month True-Up Period (1/1/2014 - 12/31/2014)															
Line No	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference
1	Residential Customers	\$ 21,219,726	\$ 18,651,382	\$ 17,568,845	\$ 16,310,084	\$ 15,959,581	\$ 16,642,888	\$ 18,505,004	\$ 19,227,095	\$ 20,942,970	\$ 18,007,781	\$ 17,373,878	\$ 19,452,763	\$ 219,861,999	Section 3 2 2, Pages 2 & 3, Line 21
2	Small Commercial	5,092,466	4,903,982	4,889,119	4,764,982	4,753,878	5,092,018	5,517,927	5,504,543	5,908,120	5,255,679	5,062,825	4,970,457	61,715,996	Section 3 2 2, Pages 2 & 3, Line 23
3	Med-Lrg C&I @ 100% NCD	623,436	607,230	636,661	759,712	824,268	941,653	1,045,588	1,025,662	1,085,448	958,714	872,011	746,906	10,127,289	Section 3 2 2, Page 4, Line 21
4	Med-Lrg C&I @ 90% NCD	17,328,586	16,782,858	17,016,643	16,677,693	16,966,339	18,033,302	18,620,826	18,630,457	20,040,163	17,988,567	17,922,227	17,184,983	213,192,643	Section 3 2 2, Page 5, Line 30
5	Max On Peak Demand	646,307	624,882	634,046	620,755	3,301,029	3,519,651	3,640,912	3,641,935	3,931,417	672,236	669,622	640,682	22,542,554	Section 3 2 2, Page 6, Line 21
6	Max Dem-Time of System Peak	32,729	32,739	32,748	32,758	183,304	183,357	183,411	183,464	182,877	32,700	32,710	32,720	1,145,517	Section 3 2 2, Page 7, Line 21
7	Total Med-Lrg C&I	18,631,058	18,047,009	18,320,099	18,090,897	21,274,939	22,677,964	23,489,837	23,481,518	25,239,905	19,652,217	19,496,571	18,605,289	247,008,003	Sum Lines 5, 6, 7, 8
8	Street Lighting	175,826	175,873	175,919	175,966	176,013	176,059	176,106	176,153	175,678	175,741	175,803	175,866	2,111,002	Section 3 2 2, Pages 2 & 3, Line 27
9	Standby Revenues	642,750	642,750	642,750	642,750	642,750	642,750	642,750	642,750	642,750	642,750	642,750	642,750	7,713,000	Section 3 2 2, Page 8, Line 21
10	TOTAL Recorded	\$ 45,761,827	\$ 42,421,695	\$ 41,596,732	\$ 39,984,679	\$ 42,807,161	\$ 45,231,679	\$ 48,331,625	\$ 49,032,059	\$ 52,909,423	\$ 43,734,167	\$ 42,751,827	\$ 43,847,125	\$ 538,410,000	Sum Lines 1, 3, 9, 11, 13
NOTES:															
For the recorded revenues by customer class from January 2014 - August 2014, and from September 2013 - December 2013, the Transmission Rates were based on the CAISO-Wholesale Base TRR approved in the TO4-Cycle 1 Offer of Settlement FERC Docket ER13-941-001. The derived transmission rates at the Transmission Level were then applied to the forecast sales at transmission level for the rate effective period to prove out the accuracy of the derived transmission rates. The Offer of Settlement Wholesale BTRR was \$338.410 million.															

**Section 3.2.2**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**PROOF OF REVENUES from the WHOLESALE Rates Developed from the TO4-Cycle 1 Offer of Settlement**  
**For the Rate Effective Period September 2013 - August 2014**  
**12-Month True-Up Period (1/1/2014 - 12/31/2014)**

Line No	Customer Classes	Jan-14		Feb-14		Mar-14		Apr-14		May-14		Jun-14		Sub-Total
		Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	
1	Residential Customers	804,928,058	-	707,503,020	-	666,439,146	-	618,690,550	-	605,394,935	-	631,314,826	-	4,034,270,535
2	Small Commercial	178,243,515	-	171,646,310	-	171,126,091	-	166,781,111	-	166,392,465	-	178,227,822	-	1,032,417,314
3	Medium-Large Commercial	880,466,184	2,340,893	853,448,225	2,267,575	865,681,126	2,301,632	832,753,852	2,271,771	868,672,495	2,317,143	923,991,938	2,470,581	5,245,013,820
4	Street Lighting	10,017,414	-	10,020,076	-	10,022,737	-	10,025,397	-	10,028,056	-	10,030,714	-	60,144,395
5	Standby Customers	-	167,354	-	167,354	-	167,354	-	167,354	-	167,354	-	167,354	1,004,125
6	TOTAL	1,873,655,171	2,508,247	1,742,617,631	2,434,929	1,713,269,100	2,468,986	1,648,250,910	2,439,123	1,650,487,950	2,484,498	1,743,565,301	2,470,581	10,371,846,064

*Note: The above billing determinants are the forecast determinants from September 2013 through August 2014. The forecast rates are translated from retail to transmission level.*

Line No	Customer Classes	Jan-14		Feb-14		Mar-14		Apr-14		May-14		Jun-14		Sub-Total
		Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645
13	Small Commercial	\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743
14	Medium-Large Commercial	\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152
15	Street Lighting													
16	Standby Customers													
17	TOTAL													

*Note: The wholesale transmission rates from September 2013 - August 2014 were derived from the Offer of Settlement Wholesale Base Transmission Revenue Requirements of \$538.410 million from TO4-Cycle 1 Docket No. ER13-941-001*

Line No	Customer Classes	Jan-14		Feb-14		Mar-14		Apr-14		May-14		Jun-14		Sub-Total
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 21,219,726		\$ 18,651,382		\$ 17,568,845		\$ 16,310,084		\$ 15,959,581		\$ 16,642,888		\$ 106,352,507
22	Small Commercial	\$ 5,092,466		\$ 4,903,982		\$ 4,889,119		\$ 4,764,982		\$ 4,753,878		\$ 5,092,018		\$ 29,496,446
23	Medium-Large Commercial	\$ 18,631,058	\$ 18,631,058	\$ 18,047,709	\$ 18,320,099	\$ 18,320,099	\$ 18,090,897	\$ 18,090,897	\$ 21,274,939	\$ 21,274,939	\$ 22,677,964	\$ 22,677,964	\$ 111,042,666	
24	Street Lighting	\$ 175,826		\$ 175,873		\$ 175,919		\$ 175,966		\$ 176,013		\$ 176,059		\$ 1,055,653
25	Standby Customers	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 3,856,500	
26	TOTAL	\$ 26,488,018	\$ 19,273,808	\$ 23,731,236	\$ 18,690,459	\$ 22,633,884	\$ 21,251,032	\$ 18,733,647	\$ 20,889,472	\$ 21,917,689	\$ 23,320,714	\$ 21,910,965	\$ 136,904,608	\$ 120,899,166
27	Grand Total	\$ 45,761,827	\$ 42,421,695	\$ 42,421,695	\$ 41,596,732	\$ 39,984,679	\$ 39,984,679	\$ 42,807,161	\$ 45,231,679	\$ 45,231,679	\$ 45,231,679	\$ 45,231,679	\$ 257,803,774	

*Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7*



Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formula Rate Filing  
 PROOF OF REVENUES from the WHOLESALE Rates Developed from the TO4-Cycle 1 Offer of Settlement  
 For the Rate Effective Period September 2013 - August 2014  
 12-Month True-Up Period (1/1/2014 - 12/31/2014)

Line No	Customer Classes	Jul-14		Aug-14		Sep-13		Oct-13		Nov-13		Dec-13		(N)		(O)	
		Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Sub-Total Energy (kWh)	Sub-Total Demand (kW)	Grand-Total Energy (kWh)	Grand-Total Demand (kW)
1	Residential Customers	701,950,482	-	729,341,572	-	794,429,875	-	683,089,306	-	659,043,464	-	737,901,821	-	4,305,736,520	-	8,340,027,054	-
2	Small Commercial	193,133,260	-	192,666,789	-	206,792,542	-	183,956,189	-	177,206,017	-	173,973,027	-	1,127,729,825	-	2,160,147,139	-
3	Medium-Large Commercial	955,993,080	2,559,700	955,490,829	2,558,614	1,024,754,003	2,750,117	922,263,895	2,466,737	916,592,955	2,442,846	877,045,082	2,336,642	5,652,679,843	15,119,655	10,897,693,663	29,089,252
4	Street Lighting	10,093,373	-	10,056,032	-	10,009,020	-	10,012,573	-	10,016,127	-	10,019,680	-	60,126,806	-	120,271,201	-
5	Standby Customers	-	167,354	-	167,354	-	167,354	-	167,354	-	167,354	-	167,354	-	1,004,125	-	2,008,251
6	TOTAL	1,860,712,196	2,727,054	1,887,535,222	2,725,968	2,036,983,441	2,917,471	1,799,321,964	2,634,091	1,762,798,562	2,615,200	1,798,939,609	2,503,997	11,146,292,994	16,123,781	21,518,139,057	31,097,502
Note: The above billing determinants are the forecast determinants from September 2013 through August 2014. The forecast rates are translated from retail to transmission level.																	
Note: The wholesale transmission rates from September 2013 - August 2014 were derived from the Offer of Settlement Wholesale Base Transmission Revenue Requirements of \$538.410 million from TO4-Cycle 1, Docket No. ER13-9-1-001																	
Line No	Customer Classes	Jul-14		Aug-14		Sep-13		Oct-13		Nov-13		Dec-13		(N)		(O)	
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Sub-Total Revenues @ Present Rates Energy (kWh)	Sub-Total Demand (kW)	Grand-Total Revenues @ Present Rates Energy (kWh)	Grand-Total Demand (kW)
12	Residential Customers	\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645	
13	Small Commercial	\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743	
14	Medium-Large Commercial	\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152	
15	Street Lighting																
16	Standby Customers																
17	TOTAL																
Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7																	

Section 3.2.2																
SAN DIEGO GAS AND ELECTRIC COMPANY																
TO4-Cycle 3 Annual Transmission Formula Rate Filing																
PROOF of REVENUES from the WHOLESale Rates Developed from the TO4-Cycle 1 Offer of Settlement																
For the Rate Effective Period September 2013 - August 2014																
12-Month True-Up Period (1/1/2014 - 12/31/2014)																
Medium & Large Commercial and Industrial Customer																
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference	Line No
1	Non-Subsidized Demand (KWH) Applied @ 100%															
2	Secondary	64,475	62,799	65,843	78,568	85,245	97,384	108,133	106,073	112,255	99,149	90,182	77,244	1,047,550	Section 3.2.2, Page 9.2, Ln. 54 x 1000	1
3	Primary	8,945	8,712	9,135	10,900	11,826	13,511	15,002	14,716	15,574	13,756	12,512	10,717	145,903	Section 3.2.2, Page 9.2, Ln. 58 x 1000	2
4	Transmission														Section 3.2.2, Page 9.2, Ln. 60 x 1000	3
5	Total	73,420	71,511	74,977	89,469	97,071	110,895	123,135	120,789	127,829	112,904	102,694	87,960	1,192,655	Sum Lines 2 3 4	4
6																5
7	Non-Subsidized Demand (KWH) Per (KWH) @ 100%															6
8	Secondary	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	\$ 8,491,383,800	Section 3.2.2, Page 13, Line 6	7
9	Primary	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	\$ 8,491,383,821	Section 3.2.2, Page 13, Line 6	8
10	Transmission	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	\$ 8,491,383,851	Section 3.2.2, Page 13, Line 6	9
11																10
12	Revenues @ Calculated Rates															11
13	Secondary	\$ 547,480	\$ 533,249	\$ 559,095	\$ 667,153	\$ 723,844	\$ 826,928	\$ 918,200	\$ 900,702	\$ 953,204	\$ 841,911	\$ 765,771	\$ 655,907	\$ 8,893,447	Line 2 x Line 8	12
14	Primary	75,955	73,981	77,567	92,558	100,423	114,725	127,388	124,960	132,244	116,803	106,240	90,998	1,233,842	Line 3 x Line 9	13
15	Transmission														Line 4 x Line 10	14
16	Total	\$ 623,435	\$ 607,230	\$ 636,661	\$ 759,712	\$ 824,268	\$ 941,653	\$ 1,045,588	\$ 1,025,662	\$ 1,085,448	\$ 958,714	\$ 872,011	\$ 746,906	\$ 10,127,289	Sum Lines 13 14, 15	15
17																16
18	Total Revenues @ Calculated Rates	\$ 623,435	\$ 607,230	\$ 636,661	\$ 759,712	\$ 824,268	\$ 941,653	\$ 1,045,588	\$ 1,025,662	\$ 1,085,448	\$ 958,714	\$ 872,011	\$ 746,906	\$ 10,127,289	Line 16	17
18																18
1	Non-Comcident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs AD, PA-T-1															

Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference
1	Non-Compliant Demand (KVA) Applied to 91%														
2	Schedule A6-TOU	1,790,838	1,721,472	1,756,865	1,719,982	1,751,341	1,867,329	1,931,186	1,932,206	2,085,789	1,862,683	1,855,442	1,775,251	22,060,384	Section 3.2.2, Page 9.2, Ln. 87 x 1000
3	Schedule A6-TOU														Section 3.2.2, Page 9.4, Ln. 137 x 1000
4	Secondary	1,790,838	1,721,472	1,756,865	1,719,982	1,751,341	1,867,329	1,931,186	1,932,206	2,085,789	1,862,683	1,855,442	1,775,251	22,060,384	Sum Lines 3 and 4
5															
6															
7	Schedules AL-TOU/AY-TOU/DG-R	341,204	329,893	334,731	327,704	333,679	355,778	367,944	368,139	397,401	354,893	353,515	338,234	4,203,114	Section 3.2.2, Page 9.3, Ln. 91 x 1000
8	Schedule A6-TOU	14,181	14,185	14,190	14,194	14,198	14,202	14,206	14,210	14,165	14,169	14,173	14,177	170,250	Section 3.2.2, Page 9.4, Ln. 141 x 1000
9	Prnecy	335,386	344,079	349,921	341,898	347,877	369,980	382,151	382,449	411,565	369,062	367,686	352,412	4,373,364	Sum Lines 8 and 9
10															
11															
12	Schedules AL-TOU/AY-TOU/DG-R	23,060	22,296	22,623	22,148	22,511	24,045	24,867	24,880	26,838	23,985	23,892	22,859	284,065	Section 3.2.2, Page 9.3, Ln. 93 x 1000
13	Schedule A6-TOU	98,189	98,218	98,246	98,275	98,304	98,332	98,361	98,390	98,075	98,103	98,132	98,160	1,178,784	Section 3.2.2, Page 9.4, Ln. 143 x 1000
14	Transmission	121,289	120,513	120,869	120,423	120,835	122,377	123,238	123,270	124,933	122,088	122,024	121,020	1,462,849	Sum Lines 13 and 14
15	Total	2,857,473	2,196,064	2,226,655	2,182,303	2,220,072	2,559,686	2,456,565	2,437,823	2,622,287	2,353,833	2,345,152	2,248,682	27,896,597	Sum Lines 5, 10, 15
16															
17															
18															
19	Non-Compliant Demand Rates Per (KVA) @ 91%														
20	Secondary	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	\$ 7,642,245,447.0	Section 3.2.2, Pg. 13, Line 8, Secondary
21	Primary	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	\$ 7,642,245,445.3	Section 3.2.2, Pg. 13, Line 8, Primary
22	Transmission	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	\$ 7,642,245,451.6	Section 3.2.2, Pg. 13, Line 8, Transmission
23															
24	Revenues @ Calculated Rates														
25	Secondary	\$ 13,686,027	\$ 13,232,331	\$ 13,456,393	\$ 13,144,226	\$ 13,384,175	\$ 14,270,588	\$ 14,758,598	\$ 14,766,393	\$ 15,940,113	\$ 14,233,078	\$ 14,179,744	\$ 13,566,901	\$ 168,590,867	Line 5 x Line 20
26	Primary	2,715,944	2,639,534	2,656,540	2,612,868	2,658,539	2,827,477	2,920,488	2,922,005	3,145,284	2,820,439	2,809,948	2,693,216	33,422,322	Line 10 x Line 21
27	Transmission	925,615	920,292	923,710	920,229	923,604	933,237	941,740	942,060	954,766	933,030	932,536	924,863	11,179,452	Line 15 x Line 22
28	Total	\$ 17,328,586	\$ 16,792,838	\$ 17,036,643	\$ 16,977,893	\$ 16,966,339	\$ 18,033,302	\$ 18,620,826	\$ 18,630,457	\$ 20,040,163	\$ 17,988,567	\$ 17,922,227	\$ 17,184,980	\$ 213,192,640	Sum Lines 25, 26, 27
29															
30	Total Revenues @ Calculated Rates	\$ 17,328,586	\$ 16,792,838	\$ 17,036,643	\$ 16,977,893	\$ 16,966,339	\$ 18,033,302	\$ 18,620,826	\$ 18,630,457	\$ 20,040,163	\$ 17,988,567	\$ 17,922,227	\$ 17,184,980	\$ 213,192,640	Line 28

Section 3.2.2 - TO4 Cycle 1 - Proof of Revenues.xlsx

90% Non-Compliant Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU-DER, DG-R and A6-TOU

Section 3.2.2															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formula Rate Filing															
PROOF of REVENUES from the WHOLESale Rates Developed from the TO4-Cycle 1 Offer of Settlement															
For the Rate Effective Period September 2013 - August 2014															
12-Month True-Up Period 01/01/2014 - 12/31/2014															
Medium & Large Commercial and Industrial Customer															
Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference	Line No
<b>On-Peak Demand (KW)</b>															
Secondary	1,459,727	1,411,336	1,432,035	1,401,971	1,593,846	1,699,404	1,757,518	1,758,446	1,898,218	1,518,287	1,512,386	1,447,021	18,890,195	Section 3.2.2, Page 9 1, Ln 105 x 1000	1
Primary	308,490	298,264	302,638	296,284	335,461	357,784	370,020	370,215	399,642	320,866	319,519	305,805	3,985,188	Section 3.2.2, Page 9 1, Ln 109 x 1000	2
Transmission	25,259	34,090	33,863	33,863	35,069	37,992	38,670	38,691	41,766	36,673	36,530	34,952	437,545	Section 3.2.2, Page 9 1, Ln 111 x 1000	3
Total	1,803,475	1,743,690	1,768,536	1,732,119	1,964,476	2,094,580	2,166,208	2,167,352	2,339,626	1,875,826	1,868,435	1,787,777	22,312,928	Sum Lines 2, 3, 4	4
<b>Maximum On-Peak Demand Rates Per 61(KW)</b>															
Secondary	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	Section 3.2.2, Page 13, Lines 1, & 12	5
Primary	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	Section 3.2.2, Page 13, Lines 1, & 12	6
Transmission	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	\$ 0.3483676917	Section 3.2.2, Page 13, Lines 1, & 12	7
<b>Revenues @ Calculated Rates</b>															
Secondary	\$ 523,119	\$ 505,777	\$ 513,195	\$ 502,421	\$ 2,678,237	\$ 2,855,612	\$ 2,953,265	\$ 2,954,825	\$ 3,189,692	\$ 544,105	\$ 541,990	\$ 518,566	\$ 18,280,804	Line 2 x Line 8	8
Primary	\$ 110,553	\$ 106,888	\$ 108,456	\$ 106,179	\$ 563,863	\$ 601,207	\$ 621,767	\$ 622,095	\$ 671,543	\$ 114,988	\$ 114,541	\$ 109,591	\$ 3,851,670	Line 3 x Line 9	9
Transmission	\$ 12,636	\$ 12,217	\$ 12,336	\$ 12,336	\$ 58,929	\$ 62,832	\$ 64,980	\$ 65,015	\$ 70,182	\$ 13,142	\$ 13,091	\$ 12,526	\$ 410,081	Line 4 x Line 10	10
Total	\$ 646,307	\$ 624,882	\$ 634,046	\$ 620,755	\$ 3,301,029	\$ 3,519,651	\$ 3,640,012	\$ 3,641,935	\$ 3,931,417	\$ 672,236	\$ 669,622	\$ 640,682	\$ 22,542,554	Sum Lines 13, 14, 15	11
<b>True Revenues @ Calculated Rates</b>															
	\$ 646,307	\$ 624,882	\$ 634,046	\$ 620,755	\$ 3,301,029	\$ 3,519,651	\$ 3,640,012	\$ 3,641,935	\$ 3,931,417	\$ 672,236	\$ 669,622	\$ 640,682	\$ 22,542,554	Line 16	12
Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU, AL-TOU-DER and DG-R.															

Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference	Line No
Section 3.2.2 SANDIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 3 Annual Transmission Formula Rate Filing PROOF of REVENUES from the WHOLESALABLE Rates Developed from the TO4-Cycle 1 Offer of Settlement For the Rate Effective Period September 2013 - August 2014 12-Month True-Up Period (1/1/2014 - 12/31/2014) Medium & Large Commercial and Industrial Customer																
1	Consolidated Peak Demand (KW)															
2	Secondary															Section 3.2.2, Page 9, Ln. 155 x 1000
3	Primary	11,377	11,381	11,384	11,387	11,818	11,821	11,825	11,828	11,790	11,367	11,371	11,374	138,725		Section 3.2.2, Page 9, Ln. 159 x 1000
4	Transmission	75,784	75,806	75,828	75,850	80,111	80,134	80,157	80,181	79,924	75,718	75,740	75,762	930,996		Section 3.2.2, Page 9, Ln. 161 x 1000
5	Total	87,162	87,187	87,212	87,238	91,929	91,956	91,982	92,009	91,715	87,085	87,111	87,136	1,069,722		Sum Lines 2, 3, 4
6	Consolidated Peak Demand Rates Per (SKW)															
7	Secondary															
8	Primary	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850			Section 3.2.2, Pg. 13, Lines 15 & 16
9	Transmission	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850			Section 3.2.2, Pg. 13, Lines 15 & 16
10	Transmission	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 1.9939790430	\$ 0.3754984850	\$ 0.3754984850	\$ 0.3754984850			Section 3.2.2, Pg. 13, Lines 15 & 16
11	Revenues @ Calculated Rates															
12	Secondary															
13	Primary	\$ 4,272	\$ 4,273	\$ 4,275	\$ 4,276	\$ 23,565	\$ 23,572	\$ 23,579	\$ 23,585	\$ 23,510	\$ 4,268	\$ 4,270	\$ 4,271	\$ 147,716		Line 2 x Line 8
14	Transmission	\$ 28,457	\$ 28,465	\$ 28,473	\$ 28,482	\$ 159,739	\$ 159,786	\$ 159,832	\$ 159,879	\$ 159,367	\$ 28,432	\$ 28,440	\$ 28,449	\$ 997,801		Line 3 x Line 9
15	Transmission	\$ 32,729	\$ 32,739	\$ 32,748	\$ 32,758	\$ 183,304	\$ 183,357	\$ 183,411	\$ 183,464	\$ 182,877	\$ 32,700	\$ 32,710	\$ 32,720	\$ 1,145,517		Line 4 x Line 10
16	Total	\$ 32,729	\$ 32,739	\$ 32,748	\$ 32,758	\$ 183,304	\$ 183,357	\$ 183,411	\$ 183,464	\$ 182,877	\$ 32,700	\$ 32,710	\$ 32,720	\$ 1,145,517		Sum Lines 13, 14, 15
17	Total Revenues @ Calculated Rates	\$ 32,729	\$ 32,739	\$ 32,748	\$ 32,758	\$ 183,304	\$ 183,357	\$ 183,411	\$ 183,464	\$ 182,877	\$ 32,700	\$ 32,710	\$ 32,720	\$ 1,145,517		Line 16
18																
1	Maximum Demand Rates at Time of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: A6-TOU															

Section 3.2.2 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 3 Annual Transmission Formulaic Rate Filing PROOF OF REVENUES from the WHOLESale Rates Developed from the TO4-Cycle 1 Offer of Settlement For the Rate Effective Period September 2013 - August 2014 12-Month True-Up Period (1/1/2014 - 12/31/2014) Standby Customers													Line No	Reference	
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total	Reference
1	Demand - Billing Determinants (KVA)														
2	Secondary	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	11,640	139,676	Section 3.2.2, Page 9, Ln. 168 x 1000
3	Primary	95,049	95,049	95,049	95,049	95,049	95,049	95,049	95,049	95,049	95,049	95,049	95,049	1,140,583	Section 3.2.2, Page 9, Ln. 174 x 1000
4	Transmission	60,666	60,666	60,666	60,666	60,666	60,666	60,666	60,666	60,666	60,666	60,666	60,666	727,992	Section 3.2.2, Page 9, Ln. 174 x 1000
5	Total	167,354	167,354	167,354	167,354	167,354	167,354	167,354	167,354	167,354	167,354	167,354	167,354	2,008,251	Sum Lines 2, 3, 4
6	Demand Rates Per (\$/KVA)														
7	Secondary	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1		Section 3.2.2, Page 13, Line 20
8	Primary	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4		Section 3.2.2, Page 13, Line 20
9	Transmission	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2		Section 3.2.2, Page 13, Line 20
10	Total	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7	\$ 11,479,166,565.7		
11	Revenue at Present Rates														
12	Secondary	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	\$ 44,667	536,000	Line 2 x Line 8
13	Primary	365,083	365,083	365,083	365,083	365,083	365,083	365,083	365,083	365,083	365,083	365,083	365,083	4,381,000	Line 3 x Line 9
14	Transmission	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	233,000	2,796,000	Line 4 x Line 10
15	Total	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	7,713,000	Sum Lines 12, 13, 14, 15
16	Total Revenues at Present Rates	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	\$ 642,750	7,713,000	Line 16
17															
18															

Line No	Description	San Diego Gas & Electric												Total									
		TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1	TO4-C1										
1	SDG&E: System Delivery Determinants																						
2	Customer Class Deliveries (MWh)																						
3	Residential	769,750	676,583	637,314	591,652	578,937	603,725	671,273	697,467	759,711	653,236	630,241	705,653	7,975,545									
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570										
5	Residential @ Transmission Level	804,928	707,503	666,439	618,691	605,395	631,315	701,950	729,342	794,430	683,089	659,043	737,902	8,340,027									
6	Small Commercial	170,454	164,145	163,647	159,492	159,121	170,439	184,695	184,247	197,755	175,917	169,462	166,370	2,065,743									
7	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570										
8	Small Commercial @ Transmission Level	178,244	171,646	171,126	166,781	166,392	178,228	193,135	192,667	206,793	183,956	177,206	173,973	2,160,147									
9																							
10																							
11	Med & Large Comm /Ind (AD + PA-T-1)	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	30,316	26,776	24,355	20,861	282,848									
12	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592										
13	Med&Lrg CT (AD + PA-T-1)@Trans. Level	18,038	17,569	18,420	21,980	23,848	27,244	30,251	29,675	31,405	27,738	25,229	21,610	293,007									
14																							
15	Med & Large Comm /Ind (AY + AL + DGR)	773,620	747,974	758,944	743,011	756,538	806,663	834,249	834,689	901,035	804,656	801,528	766,886	9,529,814									
16	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592										
17	Med&Lrg CT (AY + AL + DGR)@Trans Level	801,408	774,841	786,205	769,700	783,733	835,638	864,214	864,671	933,400	833,559	830,319	794,433	9,872,119									
18																							
19	Med & Large Comm /Ind (A6)	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	58,836	58,853	58,870	58,888	707,166									
20	Transmission Level Adjustment Factor	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592	1.03592										
21	Med. & Large Comm./Ind. (A6) @ Trans Level	61,021	61,038	61,056	61,074	61,092	61,110	61,127	61,145	60,949	60,967	60,985	61,003	732,567									
22																							
23	Lighting	9,580	9,582	9,585	9,587	9,590	9,592	9,595	9,597	9,572	9,575	9,578	9,582	115,015									
24	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570										
25	Street Lighting @ Transmission Level	10,017	10,020	10,023	10,025	10,028	10,031	10,033	10,036	10,009	10,013	10,016	10,020	120,271									
26																							
27	Sale for Resale	19	19	19	19	19	19	19	19	19	19	19	19	232									
28	Total System Delivery@Meter Exclude Resale	1,799,723	1,674,168	1,646,213	1,583,919	1,586,202	1,675,711	1,788,024	1,813,674	1,957,227	1,729,016	1,694,037	1,728,242	20,676,154									
29	Total System Delivery@Trans. Exclude Resale	1,873,655	1,742,618	1,713,269	1,648,251	1,650,488	1,743,565	1,860,712	1,887,535	2,036,985	1,799,322	1,762,799	1,798,940	21,518,139									
30	Med. & Large Comm./Ind.																						
31	Rate Schedule Billing Determinants																						
32	Schedules AD/ PA-T-1:Applicable to 100% NCD																						
33	Total Deliveries (MWh)	17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	30,316	26,776	24,355	20,861	282,848									
34																							
35																							
36	Total Deliveries (%)																						
37	% @ Secondary Service	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%	89.92%									
38	% @ Primary Service	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%	10.08%									
39	% @ Transmission Service	0.00%	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		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%									
41	Total Deliveries (MWh)																						
42	MWh @ Secondary Service	15,657	15,250	15,989	19,079	20,701	23,649	26,259	25,758	27,260	24,077	21,900	18,758	254,337									
43	MWh @ Primary Service	1,755	1,710	1,792	2,139	2,321	2,651	2,944	2,888	3,056	2,699	2,455	2,103	28,511									
44	MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0									
45		17,412	16,959	17,781	21,218	23,021	26,300	29,202	28,646	30,316	26,776	24,355	20,861	282,848									

Section 3.2.2 San Diego Gas & Electric														
FERC Forecast Sales @ Transmission Level for the Period: September 2013 - August 2014 (TO4-Cycle I)														
Line No		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total
6	Non-Coincident Demand (%)													
7	% @ Secondary Service	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%	0.3938%
8	% @ Primary Service	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%	0.5042%
9	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
1	Non-Coincident Demand (MW)													
2	MW @ Secondary Service	61.657	60.054	62.965	75.135	81.519	93.128	103.407	101.437	107.350	94.816	86.241	73.868	1,001.577
3	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
4	Non-Coincident Demand @ Transmission Level	64.475	62.799	65.843	78.568	85.245	97.384	108.133	106.073	112.255	99.149	90.182	77.244	1,047.350
5														
6	MW @ Primary Service	8.849	8.619	9.037	10.784	11.700	13.366	14.842	14.559	15.407	13.609	12.378	10.602	143.753
7	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080
8	Non-Coincident Demand @ Transmission Level	8.945	8.712	9.135	10.900	11.826	13.511	15.002	14.716	15.574	13.756	12.512	10.717	145.305
9														
0	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	Non-Coincident Demand @ Meter Level	70.507	68.674	72.002	85.918	93.219	106.495	118.249	115.996	122.757	108.424	98.619	84.470	1,145.330
2	Non-Coincident Demand @ Transmission Level	73.420	71.511	74.977	89.469	97.071	110.895	123.135	120.789	127.829	112.904	102.694	87.960	1,192.655
3														
4														
5	Schedules AL-TOU / AY-TOU / DG-R:													
6	Applicable to 90% NCD - Total Deliveries (MWh)	773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	901,035	804,656	801,528	766,886	9,529,814
7														
8	Total Deliveries (%)													
9	% @ Secondary Service	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%	79.63%
10	% @ Primary Service	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%	18.93%
11	% @ Transmission Service	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%	1.44%
12	Total Deliveries (MWh)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
13														
14	MW @ Secondary Service	616,034	595,612	604,347	591,660	602,447	642,346	664,312	664,663	717,494	640,748	638,257	610,672	7,588,591
15	MW @ Primary Service	146,446	141,592	143,668	140,652	143,216	152,701	157,923	158,007	170,566	152,321	151,729	145,172	1,803,994
16	MW @ Transmission Service	11,140	10,771	10,929	10,699	10,894	11,616	12,013	12,020	12,975	11,587	11,542	11,043	137,229
17		773,620	747,974	758,944	743,011	756,558	806,663	834,249	834,689	901,035	804,656	801,528	766,886	9,529,814
18														
19	Non-Coincident Demand (%)													
20	% @ Secondary Service	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%	0.2780%
21	% @ Primary Service	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%	0.2305%
22	% @ Transmission Service	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%	0.2070%
23														
24	Non-Coincident Demand (MW)													
25	MW @ Secondary Service	1,712.574	1,655.802	1,680.085	1,644.814	1,674.802	1,785.722	1,846.788	1,847.763	1,994.634	1,781.278	1,774.354	1,697.667	21,096.283
26	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
27	Non-Coincident Demand @ Transmission Level	1,790.838	1,731.472	1,756.865	1,719.982	1,751.341	1,867.329	1,931.186	1,932.206	2,085.789	1,862.683	1,855.442	1,775.251	22,060.384



Section 3.2.2

San Diego Gas & Electric

FERC Forecast Sales @ Transmission Level for the Period: September 2013 - August 2014 (TO4-Cycle I)

Line No		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-13	Oct-13	Nov-13	Dec-13	Total
88	MW @ Primary Service	337 559	326 369	331 155	324 203	330 114	351 977	364 013	364 205	393 155	351 101	349 736	334 621	4,158,206
89	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080
90	Non-Concurrent Demand @ Transmission Level	341 204	329 893	334 731	327 704	333 679	355 778	367 944	368 139	397 401	354 893	353 513	338 234	4,203,114
91														
92	MW @ Transmission Service	23,060	22,296	22,623	22,148	22,551	24,045	24,867	24,880	26,858	23,985	23,892	22,859	284,065
93	Non-Concurrent Demand @ Meter Level	2,073 193	2,004 466	2,033 863	1,991 165	2,027 467	2,161 743	2,235 668	2,236 849	2,414 647	2,156 364	2,147 982	2,055 147	25,538,554
94	Non-Concurrent Demand @ Transmission Level	2,155.103	2,083.661	2,114.219	2,069.834	2,107.571	2,247.152	2,323.998	2,325.225	2,510.048	2,241.561	2,232.847	2,136.344	26,547,563
95														
96	On-Peak Demand (%)													
97	% @ Secondary Service	0 2266%	0 2266%	0 2266%	0 2266%	0 2530%	0 2530%	0 2530%	0 2530%	0 2530%	0 2266%	0 2266%	0 2266%	0 2380%
98	% @ Primary Service	0 2084%	0 2084%	0 2084%	0 2084%	0 2318%	0 2318%	0 2318%	0 2318%	0 2318%	0 2084%	0 2084%	0 2084%	0 2185%
99	% @ Transmission Service	0 3165%	0 3165%	0 3165%	0 3165%	0 3219%	0 3219%	0 3219%	0 3219%	0 3219%	0 3165%	0 3165%	0 3165%	0 3188%
100														
101	On-Peak Demand (MW)	1,395 932	1,349 657	1,369 451	1,340 701	1,524 190	1,625 135	1,680 710	1,681 597	1,815 261	1,451 934	1,446 290	1,383 782	18,064,641
102	MW @ Secondary Service	1,0457	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	104
103	Transmission Level Adjustment Factor	1.459.727	1,411.336	1,432.035	1,401.971	1,593.846	1,699.404	1,757.518	1,758.446	1,898.218	1,518.287	1,512.386	1,447.021	18,890,195
104	On-Peak Demand @ Transmission Level	305 194	295,077	299 404	293 119	331 976	353 962	366 066	366 259	395 372	317 438	316 204	302 538	3,942,608
105	MW @ Primary Service	1,0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	108
106	Transmission Level Adjustment Factor	308.490	298.264	302.638	296.284	335.561	357.784	370.020	370.215	399.642	320.866	319.619	305.805	3,985,188
107	On-Peak Demand @ Transmission Level	35,259	34,090	34,590	33,863	35,069	37,392	38,670	38,691	41,766	36,673	36,530	34,952	437,545
108	MW @ Transmission Service	1,736 385	1,678 823	1,703 445	1,667 683	1,891 235	2,016 489	2,085 446	2,086 548	2,252 399	1,806 045	1,799 024	1,721 271	22,444,793
109	Non-Concurrent Demand @ Meter Level	1,803.475	1,743.690	1,769.262	1,732.119	1,964.476	2,094.580	2,166.208	2,167.352	2,339.626	1,875.826	1,868.535	1,787.777	23,312,928
110	On-Peak Demand @ Transmission Level													
111														
112	MW @ Primary Service	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	58,836	58,853	58,870	58,888	707,166
113	Schedule A6-TOU:													
114	Total Deliveries (MWh)													
115														
116	Total Deliveries (%)	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%	0 00%
117	% @ Secondary Service	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%	12 36%
118	% @ Primary Service	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%	87 64%
119	% @ Transmission Service	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%	100 00%
120	Total Deliveries (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
121	MWh @ Secondary Service	7,281	7,283	7,285	7,287	7,289	7,291	7,293	7,295	7,272	7,274	7,276	7,279	87,406
122	MWh @ Primary Service	51,624	51,639	51,654	51,659	51,684	51,699	51,714	51,730	51,564	51,579	51,594	51,609	619,760
123	MWh @ Transmission Service	58,905	58,922	58,939	58,956	58,973	58,991	59,008	59,025	58,836	58,853	58,870	58,888	707,166
124	Non-Concurrent Demand (%)													
125	% @ Secondary Service	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%	0 0000%
126	% @ Primary Service	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%	0 1927%
127	% @ Transmission Service	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%	0 1902%



Section 3.2.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing

PROOF of REVENUES from the WHOLESale Rates Developed from the TO4-Cycle 1 Offer of Settlement  
For the Rate Effective Period September 2013 - August 2014

Billing Determinants @ Transmission Level

12-Month True-Up Period (1/1/2014 - 12/31/2014)

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(G) Sub-Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers <sup>1</sup>	804,928,058		707,503,020		666,439,146		618,690,550		605,394,935		631,314,826		4,034,270,535	
2															
3	Small Commercial <sup>2</sup>	178,243,515		171,646,310		171,126,091		166,781,111		166,392,465		178,227,822		1,032,417,314	
4															
5	Medium-Large Commercial <sup>3</sup>	880,466,184	2,340,893	853,448,225	2,267,575	865,681,126	2,301,632	852,753,852	2,271,771	868,672,495	2,317,143	923,991,998	2,470,581	5,245,013,820	13,969,596
6															
7	Street Lighting <sup>4</sup>	10,017,414		10,020,076		10,022,737		10,025,397		10,028,056		10,030,714		60,144,395	
8															
9	Sale for Resale <sup>5</sup>	1,931		1,931		1,931		1,931		1,931		1,931		11,588	
10															
11	Standby Customers <sup>6</sup>	167,354		167,354		167,354		167,354		167,354		167,354		1,004,125	
12															
13	TOTAL	1,873,657,103	2,508,247	1,742,619,563	2,494,929	1,713,271,031	2,468,986	1,648,252,841	2,439,125	1,650,489,882	2,484,498	1,743,567,232	2,637,936	10,371,857,651	14,973,722
14															
NOTES															
1	See Section 3.2.2, Page 9 1, Line 5 x 1000														
2	See Section 3.2.2, Page 9 1, Line 9 x 1000														
3	See Section 3.2.3, Pages 9 1, 2, 3, 4, (Lines 13, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000														
4	See Section 3.2.3, Page 9 1, Line 25 x 1000														
5	See Section 3.2.3, Page 9 1, Line 27 x 1000														
6	See Section 3.2.3, Page 9 4, Line 176 x 1000														

**Section 3.2.2**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**

**PROOF OF REVENUES from the WHOLESALE Rates Developed from the TO4-Cycle 1 Offer of Settlement**  
**For the Rate Effective Period September 2013 - August 2014**

**Billing Determinants @ Transmission Level**  
**12-Month True-Up Period (1/1/2014 - 12/31/2014)**

Line No	Customer Classes	Jul-14		Aug-14		Sep-13		Oct-13		Nov-13		Dec-13		Sub-Total		Grand Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers <sup>1</sup>	701,930,482		729,341,572		794,429,875		683,089,306		659,043,464		737,901,821		4,305,756,320		8,340,027,054	
2																	
3	Small Commercial <sup>2</sup>	199,135,260		192,666,789		206,792,542		183,936,189		177,206,017		173,973,027		1,127,729,825		2,160,147,139	
4																	
5	Medium-Large Commercial <sup>3</sup>	955,593,080		955,490,829		1,025,754,003		2,465,737		916,532,935		2,447,846		5,652,679,843		15,119,655	
6																	
7	Street Lighting <sup>4</sup>	10,033,373		10,036,032		10,009,020		10,012,573		10,016,127		10,019,680		60,126,806		120,271,201	
8																	
9	Sale for Resale <sup>5</sup>			1,931		1,931		1,931		1,931		1,931		11,588		23,175	
10																	
11	Standby Customers <sup>6</sup>			167,354		167,354		167,354		167,354		167,354				1,004,125	
12																	
13	TOTAL	1,860,714,128		2,727,054		2,935,987,372		1,799,323,895		1,762,800,493		2,615,200		11,146,304,581		21,518,162,232	
14																	

**NOTES**

- See Section 3.2.2, Page 9 1, Line 5 x 1000
- See Section 3.2.2, Page 9 1, Line 9 x 1000
- See Section 3.2.3, Pages 9 1, 9 2, 9 3, 9 4, (Lines 13, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000
- See Section 3.2.3, Page 9 1, Line 25 x 1000
- See Section 3.2.3, Page 9 1, Line 27 x 1000
- See Section 3.2.3, Page 9 4, Line 176 x 1000

Section 3.2.2					
SAN DIEGO GAS AND ELECTRIC COMPANY					
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing					
PROOF of REVENUES from the WHOLESale Rates Developed from the TO4-Cycle 1 Offer of Settlement					
For the Rate Effective Period September 2013 - August 2014					
Total Billing Determinants @ Transmission Level					
12-Month True-Up Period (1/1/2014 - 12/31/2014)					
(M)					
12 Months to Date					
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Demand (kW)	Transmission Level	Line No.
1	Residential Customers	8,340,027,054	-		1
2					2
3	Small Commercial	2,160,147,139	-		3
4					4
5	Medium-Large Commercial	10,897,693,663	29,089,252		5
6					6
7	Street Lighting	120,271,201	-		7
8					8
9	Sale for Resale	23,175			9
10					10
11	Standby Customers	-	2,008,251		11
12					12
13	TOTAL	21,518,162,232	31,097,502		13
14					14



# San Diego Gas & Electric Company

## **Section 3.2.3**

Derivation of CAISO Wholesale  
Recorded Revenues During the  
12-Month True-Up Period  
Using SDG&E's CAISO Wholesale  
Rates from TO4-Cycle 1

Docket No. ER16-\_\_\_\_-\_\_\_\_

Section 3.2.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing															
SUMMARY of Derived Revenues at Present Rates from the WHOLESALe Rates Developed from the Cycle 1 Offer of Settlement															
For the 12-Month Period January 2014 through December 2014															
True-Up Period (1/1/2014 - 12/31/2014)															
Line No	Customer Class	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	Residential Customers	\$ 18,212,987	\$ 15,611,437	\$ 14,875,387	\$ 13,903,004	\$ 14,835,422	\$ 15,929,516	\$ 17,156,189	\$ 19,180,842	\$ 22,137,585	\$ 18,984,253	\$ 15,434,244	\$ 16,284,209	\$ 202,545,076	Section 3.2.3, Pages 2 & 3, Line 21
2		5,425,603	4,915,019	4,807,061	4,503,576	5,040,413	5,283,298	5,564,819	5,744,220	6,414,570	5,632,891	5,187,674	4,838,937	63,358,100	Section 3.2.3, Pages 2 & 3, Line 23
3	Small Commercial														
4		776,809	766,952	647,991	755,543	788,401	739,790	717,802	757,158	805,548	716,989	705,445	592,892	8,771,320	Section 3.2.3, Page 4, Line 18
5	Med-Lrg C&I @ 100% NCD	16,728,149	17,032,371	14,598,761	16,673,702	18,385,224	16,828,587	17,737,639	17,928,014	20,118,359	19,002,677	16,943,210	15,855,487	207,832,181	Section 3.2.3, Page 5, Line 27
6	Med-Lrg C&I @ 90% NCD	611,431	639,556	538,862	625,908	3,418,828	3,359,166	3,586,909	3,614,522	4,094,053	828,337	667,249	601,088	22,585,908	Section 3.2.3, Page 5, Line 27
7	Max On Peak Demand	31,002	37,212	25,973	32,902	178,442	161,230	172,234	200,969	182,884	37,230	38,076	36,246	1,134,598	Section 3.2.3, Page 6, Line 18
8	Max Dem-Time of System Peak	18,147,391	18,476,092	15,811,586	18,088,055	22,770,894	21,088,773	22,214,585	22,500,663	25,200,844	20,585,233	18,353,980	17,085,713	240,323,807	Section 3.2.3, Page 7, Line 18
9	Total Med-Lrg C&I														Sum Lines 5, 6, 7, 8
10		103,844	229,641	98,156	143,189	111,724	183,998	102,410	143,164	184,626	102,733	188,051	135,199	1,726,735	Section 3.2.3, Pages 2 & 3, Line 27
11	Street Lighting														
12		659,616	660,063	637,024	634,003	645,472	649,359	652,131	653,578	655,034	655,100	655,100	666,701	7,863,182	Section 3.2.3, Page 8, Line 18
13	Standby Revenues														
14		\$ 49,549,440	\$ 39,892,251	\$ 36,249,213	\$ 37,291,827	\$ 43,403,924	\$ 43,134,943	\$ 45,690,134	\$ 48,222,468	\$ 54,592,659	\$ 45,960,210	\$ 39,819,050	\$ 39,010,779	\$ 515,816,900	Sum Lines 1, 3, 9, 11, 13
15	TOTAL Recorded														
For the recorded revenues by customer class from January 2014 - December 2014, the Transmission Rates were based on the CAISO-Wholesale Base FTR filed in the TO4-Cycle 1 Offer of Settlement Filing FERC Docket ER13-941-001. The derived transmission rates at the Transmission Level, were then applied to the recorded sales at transmission level for the True-Up Period, January 2014 - December 2014. The Wholesale FTR in the Offer of Settlement Filing was \$538,410 million.															



**Section 3.2.3**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**SUMMARY of Derived Revenues at Present Rates from the WHOLESALE Rates Developed from the Cycle 1 Offer of Settlement**  
**For the 12-Month Period January 2014 through December 2014**  
**True-Up Period (1/1/2014 - 12/31/2014)**

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(F) Sub-Total	
		Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)
1	Residential Customers	690,873,402	-	592,188,787	-	564,268,178	-	527,382,758	-	562,752,184	-	604,254,448	-	3,541,719,756	-
2	Small Commercial	189,903,773	-	172,032,617	-	168,253,923	-	157,631,513	-	176,421,579	-	184,922,904	-	1,049,166,307	-
3	Medium-Large Commercial	893,139,539	2,280,387	901,707,397	2,319,034	781,590,711	1,986,583	856,811,123	2,270,758	898,819,209	2,498,583	836,640,585	2,289,170	5,168,768,564	13,644,515
4	Street Lighting	5,916,349	-	13,083,433	-	5,592,268	-	8,158,004	-	6,365,327	-	10,482,997	-	49,598,378	-
5	Standby Customers	-	171,744	-	171,861	-	171,069	-	170,283	-	168,061	-	169,073	-	1,022,092
6	TOTAL	1,779,893,062	2,452,131	1,679,012,233	2,490,895	1,519,705,081	2,157,652	1,549,983,397	2,441,041	1,644,358,299	2,666,644	1,636,300,934	2,289,170	9,809,253,006	14,666,607

*Note: The above billing determinants are the recorded determinants from January 2014 through December 2014. The recorded sales are translated from retail to transmission level.*

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(F) Sub-Total	
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
12	Residential Customers	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645
13	Small Commercial	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743	\$ 0.0285702743
14	Medium-Large Commercial	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152
15	Street Lighting	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152
16	Standby Customers	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152	\$ 0.0175520152
17	TOTAL	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645	\$ 0.0263622645

*Note: The wholesale transmission rates from January 2014 - December 2014 were derived from the Wholesale Base Transmission Revenue Requirements of \$538.410 million from TO4-Cycle 1. Docket No. ER13-941-001. Offer of Settlement Filing.*

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(F) Sub-Total	
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)
21	Residential Customers	\$ 18,212,987	\$ 15,611,437	\$ 15,611,437	\$ 14,875,387	\$ 14,875,387	\$ 13,903,004	\$ 14,835,422	\$ 14,835,422	\$ 14,835,422	\$ 14,835,422	\$ 15,929,516	\$ 93,367,753	\$ -	
22	Small Commercial	\$ 5,425,603	\$ 4,915,019	\$ 4,915,019	\$ 4,807,061	\$ 4,807,061	\$ 4,503,576	\$ 5,040,413	\$ 5,040,413	\$ 5,040,413	\$ 5,283,298	\$ 29,974,969	\$ -	\$ -	
23	Medium-Large Commercial	\$ -	\$ 18,476,092	\$ 18,476,092	\$ -	\$ -	\$ 18,088,055	\$ -	\$ 18,088,055	\$ -	\$ -	\$ 22,770,894	\$ -	\$ 114,382,789	
24	Street Lighting	\$ 103,844	\$ 229,641	\$ 229,641	\$ 98,156	\$ 98,156	\$ 143,189	\$ 111,724	\$ 111,724	\$ 111,724	\$ 183,998	\$ 870,551	\$ -	\$ -	
25	Standby Customers	\$ 659,616	\$ 660,063	\$ 660,063	\$ 657,024	\$ 657,024	\$ 654,003	\$ 645,472	\$ 645,472	\$ 645,472	\$ 649,359	\$ -	\$ -	\$ 3,925,596	
26	TOTAL	\$ 23,742,434	\$ 18,807,006	\$ 20,756,097	\$ 19,136,154	\$ 19,780,603	\$ 18,549,769	\$ 18,742,058	\$ 19,987,559	\$ 23,416,365	\$ 21,396,811	\$ 21,738,132	\$ 124,213,274	\$ 118,308,326	
27	Grand Total	\$ 42,549,440	\$ 39,892,251	\$ 39,892,251	\$ 36,249,213	\$ 36,249,213	\$ 37,291,827	\$ 43,403,924	\$ 43,403,924	\$ 43,403,924	\$ 43,403,924	\$ 42,134,943	\$ 249,521,599	\$ 599,521,599	

*Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7.*

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulating Rate Filing  
 SUMMARY of Derived Revenues at Present Rates from the WFO-BASALR Rates Developed from the Cycle 1 Offer of Settlement  
 For the 12-Month Period January 2014 through December 2014  
 True-Up Period (1/1/2014 - 12/31/2014)

Line No	Customer Classes	Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		Sub-Total		Grand-Total	
		Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Billing Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers	650,785,858	-	727,587,052	-	839,745,203	-	720,129,816	-	583,467,925	-	617,709,047	-	4,141,424,300	-	7,663,144,057	-
2	Small Commercial	194,776,546	-	201,055,831	-	224,519,004	-	197,159,146	-	181,575,911	-	169,370,333	-	1,168,456,770	-	2,217,622,077	-
4	Medium-Large Commercial	975,777,786	2,405,531	961,881,599	2,455,077	1,120,504,985	2,727,386	968,843,579	2,570,968	869,169,079	2,300,124	855,192,356	2,144,539	5,761,369,685	14,583,625	10,920,139,049	28,228,129
5	Street Lighting	5,834,650	-	8,156,580	-	10,518,814	-	5,833,077	-	10,713,938	-	7,702,774	-	48,779,811	-	98,378,189	-
8	Standby Customers	-	169,795	-	170,551	-	170,551	-	170,568	-	170,568	-	-	173,588	-	1,025,242	-
10	TOTAL	1,827,174,820	2,575,326	1,898,681,161	2,605,249	2,205,288,005	2,897,937	1,891,985,617	2,741,536	1,646,926,252	2,470,692	1,649,974,510	2,318,127	11,120,030,366	15,608,866	20,929,283,372	30,275,473
<i>Note: The above billing determinants are the recorded determinants from January 2014 through December 2014. The recorded rates are translated from retail to transmission level.</i>																	
Line No	Customer Classes	Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		Sub-Total		Grand-Total	
		Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Transmission Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
12	Residential Customers	\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645		\$ 0.0263622645	
13	Small Commercial	\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743		\$ 0.0285702743	
14	Medium-Large Commercial	\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152		\$ 0.0175520152	
16	Street Lighting																
17	Standby Customers																
<i>Note: The wholesale transmission rates from January 2014 - December 2014 were derived from the Wholesale Base Transmission Revenue Requirements of \$538.410 million from TO4-Cycle 1 Docket No ER15-94-001 Offer of Settlement Filing.</i>																	
Line No	Customer Classes	Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		Sub-Total		Grand-Total	
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
21	Residential Customers	\$ 17,156,189		\$ 19,180,842		\$ 22,137,585		\$ 18,984,253		\$ 15,434,244		\$ 16,284,209		\$ 109,177,323		\$ 202,545,076	
22	Small Commercial	\$ 5,564,819		\$ 5,744,220		\$ 6,414,570		\$ 5,632,891		\$ 5,187,674		\$ 4,838,957		\$ 33,383,130		\$ 63,358,100	
24	Medium-Large Commercial	\$ -	\$22,214,585	\$ -	\$22,500,665	\$ -	\$22,200,844	\$ -	\$20,585,233	\$ -	\$18,353,980	\$ -	\$17,085,713	\$ -	\$ 125,941,018	\$ -	
25	Street Lighting	\$ 102,410		\$ 143,164		\$ 184,626		\$ 102,733		\$ 188,051		\$ 135,199		\$ 856,184		\$ 1,726,735	
28	Standby Customers	\$ 652,131		\$ 652,131		\$ 653,578		\$ 653,100		\$ 655,100		\$ 666,701		\$ 3,957,646		\$ 7,863,182	
30	TOTAL	\$ 22,823,418	\$22,866,716	\$ 25,068,227	\$23,154,241	\$ 28,736,781	\$25,855,878	\$ 24,719,877	\$21,240,334	\$ 20,809,969	\$19,009,080	\$ 21,238,365	\$17,752,414	\$ 143,416,637	\$ 129,878,663	\$ 267,629,911	\$ 248,186,989
32	Grand Total	\$ 45,690,134		\$ 48,222,468		\$ 54,592,659		\$ 48,222,468		\$ 45,960,210		\$ 39,819,050		\$ 273,295,301		\$ 515,816,900	
<i>Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium &amp; Large C-I and Standby Customers where these revenues are derived on pages 4 through 7.</i>																	

Section 3.2.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing															
SUMMARY of Derived Revenues at Present Rates from the WHOLESALER Rates Developed from the Cycle 1 Offer of Settlement															
For the 12-Month Period January 2014 through December 2014															
Time-Up Period (1/1/2014 - 12/31/2014)															
Medium & Large Commercial and Industrial Customer															
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	Non-Comcident Demand (KWP) Allowed to 100%														
2	Secondary	78,267	77,967	67,585	78,965	78,360	76,187	77,292	78,338	80,692	72,459	72,063	63,892	902,057	Section 3.2.3, Page 13.2, Ln. 54 x 1000
3	Primary	13,215	12,355	8,727	10,013	14,487	10,935	7,241	10,830	14,185	11,978	11,015	5,931	130,910	Section 3.2.3, Page 13.2, Ln. 58 x 1000
4	Transmission														Section 3.2.3, Page 13.2, Ln. 60 x 1000
5	Total	91,482	90,321	76,312	88,978	92,847	87,122	84,533	89,168	94,867	84,437	83,078	69,823	1,032,967	Sum Lines 2, 3, 4
6															
7	Non-Comcident Demand Rates Per (KWP) @ 100% <sup>1</sup>														
8	Secondary	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	\$ 8,491,383,830	Section 3.2.3, Page 9, Line 6
9	Primary	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	\$ 8,491,383,828	Section 3.2.3, Page 9, Line 6
10	Transmission	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	\$ 8,491,383,831	Section 3.2.3, Page 9, Line 6
11															
12	Revenues @ Calculated Rates														
13	Secondary	\$ 664,596	\$ 662,043	\$ 573,887	\$ 670,522	\$ 665,384	\$ 646,977	\$ 656,320	\$ 665,199	\$ 685,101	\$ 615,278	\$ 611,915	\$ 542,529	\$ 7,659,712	Line 2 x Line 8
14	Primary	\$ 112,213	\$ 104,907	\$ 74,104	\$ 85,021	\$ 123,016	\$ 92,853	\$ 61,483	\$ 91,959	\$ 120,447	\$ 101,711	\$ 93,530	\$ 50,363	\$ 1,111,608	Line 3 x Line 9
15	Transmission														Line 4 x Line 10
16	Total	\$ 776,809	\$ 766,952	\$ 647,991	\$ 755,543	\$ 788,401	\$ 739,790	\$ 717,802	\$ 757,158	\$ 805,548	\$ 716,989	\$ 705,445	\$ 592,892	\$ 8,771,320	Sum Lines 13, 14, 15
17															
18	Total Revenues @ Calculated Rates	\$ 776,809	\$ 766,952	\$ 647,991	\$ 755,543	\$ 788,401	\$ 739,790	\$ 717,802	\$ 757,158	\$ 805,548	\$ 716,989	\$ 705,445	\$ 592,892	\$ 8,771,320	Line 16
19															
20	Non-Comcident Demand (NCD) Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs AD, PA-T-1														



Section 3.2.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formulary Rate Filing															
SUMMARY of Derived Revenues at Present Rates from the WHOLESALF Rates Developed from the Cycle 1 Offer of Settlement															
For the 12-Month Period January 2014 through December 2014															
True-Up Period (1/1/2014 - 12/31/2014)															
Medium & Large Commercial and Industrial Customer															
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	On-Peak Demand (KW)														
2	Secondary	1,358,300	1,390,098	1,211,221	1,412,160	1,653,550	1,712,258	1,658,427	1,740,439	1,936,116	1,865,575	1,568,157	1,277,567	18,783,858	Section 3.2.3, Page 13.3, Ln. 105 x 1,000
3	Primary	320,499	366,798	268,791	314,673	359,224	366,088	349,760	382,292	465,569	407,239	290,254	333,226	4,224,412	Section 3.2.3, Page 13.3, Ln. 109 x 1,000
4	Transmission	27,356	27,740	23,644	19,719	21,806	(79,273)	126,430	28,318	34,728	38,603	3,501	66,500	339,062	Section 3.2.3, Page 13.3, Ln. 111 x 1,000
5	Total	1,706,154	1,784,636	1,503,656	1,746,552	2,034,579	1,999,074	2,134,606	2,151,039	2,436,413	2,311,418	1,861,912	1,677,293	23,347,332	Sum Lines 2, 3, 4
6															
7	Maximum On-Peak Demand Rates Per (KW)														
8	Secondary	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	Section 3.2.3, Page 9, Lines 11 & 12
9	Primary	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	Section 3.2.3, Page 9, Lines 11 & 12
10	Transmission	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	\$ 0.3585676917	Section 3.2.3, Page 9, Lines 11 & 12
11															
12	Revenues @ Calculated Rates														
13	Secondary	\$ 486,771	\$ 490,166	\$ 434,063	\$ 506,072	\$ 2,778,561	\$ 2,877,212	\$ 2,785,756	\$ 2,924,550	\$ 3,253,374	\$ 689,562	\$ 561,977	\$ 457,839	\$ 18,233,901	Line 2 x Line 8
14	Primary	114,856	131,448	96,326	112,769	609,626	615,160	587,723	642,388	782,324	645,941	404,018	474,417	4,055,997	Line 3 x Line 9
15	Transmission	9,803	9,941	8,473	7,067	36,641	(133,206)	212,431	47,584	58,355	13,834	1,255	23,832	296,010	Line 4 x Line 10
16	Total	\$ 611,431	\$ 639,556	\$ 538,862	\$ 625,908	\$ 3,418,828	\$ 3,259,166	\$ 3,586,909	\$ 3,614,522	\$ 4,094,053	\$ 828,337	\$ 667,249	\$ 601,088	\$ 22,585,908	Sum Lines 13, 14, 15
17															
18	Total Revenues @ Calculated Rates	\$ 611,431	\$ 639,556	\$ 538,862	\$ 625,908	\$ 3,418,828	\$ 3,259,166	\$ 3,586,909	\$ 3,614,522	\$ 4,094,053	\$ 828,337	\$ 667,249	\$ 601,088	\$ 22,585,908	Line 16
19															
20															
21	Minimum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AL-TOU, AL-TOU-DER and DG-R.														



Section 3.2.3																
SAN DIEGO GAS AND ELECTRIC COMPANY																
T04-Cycle 3 Annual Transmission Formulaic Rate Filing																
SUMMARY of Derived Revenues at Present Rates from the WHOLESALER Rates Developed from the Cycle 1 Offer of Settlement																
For the 12-Month Period January 2014 through December 2014																
True-Up Period (1/1/2014 - 12/31/2014)																
Standby Customers																
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference	Line No
1	Demand - Billing Determinants (KW)															
2	Secondary	11,091	11,031	10,392	10,264	10,264	10,159	10,131	10,131	10,131	9,957	9,957	9,978	123,425	Section 3.2.3 Page 13.4, Ln. 153 x 1000	1
3	Primary	101,208	101,431	101,278	100,620	100,210	100,826	101,670	101,641	102,021	102,174	102,174	103,908	1,219,161	Section 3.2.3 Page 13.4, Ln. 157 x 1000	2
4	Transmission	59,505	59,399	59,399	59,399	57,388	58,088	57,994	58,400	58,399	58,437	58,437	59,702	704,747	Section 3.2.3 Page 13.4, Ln. 159 x 1000	3
5	Total	171,744	171,861	171,069	170,283	168,061	169,073	169,793	170,172	170,551	170,588	170,588	173,588	2,047,233	Sum Lines 2, 3, 4	4
6																5
7	Demand Rate Pct (\$/KW)															6
8	Secondary	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	\$ 3,837,445,785.1	Section 3.2.3 Page 9, Line 20	7
9	Primary	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	\$ 3,841,019,234.4	Section 3.2.3 Page 9, Line 20	8
10	Transmission	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	\$ 3,840,701,546.2	Section 3.2.3 Page 9, Line 20	9
11	Total	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	\$ 11,519,166.7	Section 3.2.3 Page 9, Line 20	10
12	Revenues at Present Rates															11
13	Secondary	\$ 42,331	\$ 42,331	\$ 39,879	\$ 39,186	\$ 39,386	\$ 38,985	\$ 38,876	\$ 38,876	\$ 38,876	\$ 38,210	\$ 38,210	\$ 38,290	\$ 473,657	Line 2 x Line 8	12
14	Primary	\$ 388,743	\$ 389,598	\$ 389,011	\$ 386,484	\$ 384,907	\$ 387,276	\$ 390,518	\$ 390,405	\$ 391,865	\$ 392,451	\$ 392,451	\$ 399,114	\$ 4,682,822	Line 3 x Line 9	13
15	Transmission	\$ 228,541	\$ 228,134	\$ 228,134	\$ 228,134	\$ 221,178	\$ 223,099	\$ 222,738	\$ 224,297	\$ 224,299	\$ 224,439	\$ 224,439	\$ 229,298	\$ 2,705,725	Line 4 x Line 10	14
16	Total	\$ 659,616	\$ 660,063	\$ 657,024	\$ 654,003	\$ 645,472	\$ 649,359	\$ 652,131	\$ 653,578	\$ 655,034	\$ 655,100	\$ 655,100	\$ 666,701	\$ 7,865,182	Sum Lines 13, 14, 15	15
17																16
18	Total Revenues at Present Rates	\$ 659,616	\$ 660,063	\$ 657,024	\$ 654,003	\$ 645,472	\$ 649,359	\$ 652,131	\$ 653,578	\$ 655,034	\$ 655,100	\$ 655,100	\$ 666,701	\$ 7,865,182	Line 16	17

Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing

WHOLESALE - Rate Design Information

Summary of TO4-CYCLE-1 Offer of Settlement Wholesale Transmission Rates Based on TO4-CYCLE-1 Offer of Settlement Wholesale Cost of Service

Using TO4-CYCLE-1 Forecast Billing Determinants

Line No.	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level		Secondary Level Demand Rates \$/kW-Mo	Reference	Line No.
			Demand Rates \$/kW-Mo	Demand Rates \$/kW-Mo			
1	Residential	\$ 0.0263622645				Section 3.2.1, Page 12, Line 1	1
2							2
3	Small Commercial	\$ 0 0285702743				Section 3.2.1, Page 12, Line 3	3
4							4
5	Med & Lrg Commercial/Industrial						5
6	Non-Coincident Demand (100%) <sup>1</sup>		\$ 8.4913838351	\$ 8.4913838281	\$ 8.4913838300	Section 3.2.1, Page 12, Line 6	6
7							7
8	Non-Coincident Demand (90%) <sup>2</sup>		\$ 7.6422454516	\$ 7.6422454453	\$ 7.6422454470	Section 3.2.1, Page 12, Line 8	8
9							9
10	Maximum On-Peak Demand <sup>3</sup>						10
11	Summer		\$ 1.6803610549	\$ 1.6803610549	\$ 1.6803610549	Section 3.2.1, Page 12, Line 11	11
12	Winter		\$ 0.3583676917	\$ 0.3583676917	\$ 0.3583676917	Section 3.2.1, Page 12, Line 12	12
13							13
14	Maximum Demand at the Time of System Peak <sup>4</sup>						14
15	Summer		\$ 1.9939790430	\$ 1.9939790430	\$ -	Section 3.2.1, Page 12, Line 15	15
16	Winter		\$ 0.3754984850	\$ 0.3754984850	\$ -	Section 3.2.1, Page 12, Line 16	16
17							17
18	Street Lighting	\$ 0.0175520152				Section 3.2.1, Page 12, Line 18	18
19							19
20	Standby Rate		\$ 3.8407015462	\$ 3.8410192344	\$ 3.8374457851	Section 3.2.1, Page 12, Line 20	20
NOTES:							
<sup>1</sup> Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1.							
<sup>2</sup> NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU.							
<sup>3</sup> Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R.							
<sup>4</sup> Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU.							



Section 3.2.3

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing

Revenue Data to Reflect Present Rates from the WHOLESALER Rates Developed from the Cycle 1 Offer of Settlement  
For the 12-Month Period True-Up Period January 2014 through December 2014

Billing Determinants @ Transmission Level  
True-Up Period (1/1/2014 - 12/31/2014)

Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(G) Sub-Total	
		Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)
1	Residential Customers <sup>1</sup>	690,873,402		592,188,787		564,268,178		527,382,758		562,752,184		604,254,448		3,541,719,756	-
2															
3	Small Commercial <sup>2</sup>	189,903,773		172,032,617		168,253,923		157,631,513		176,421,579		184,922,904		1,049,166,307	-
4															
5	Medium-Large Commercial <sup>3</sup>	893,199,539	2,280,387	901,707,397	2,319,034	781,590,711	1,986,583	856,811,123	2,270,758	898,819,209	2,498,583	836,640,585	2,289,170	5,168,768,564	13,644,515
6															
7	Street Lighting <sup>4</sup>	5,916,349		13,083,433		5,592,268		8,158,004		6,365,327		10,482,997		49,598,378	-
8															
9	Sale for Resale <sup>5</sup>	13,167		11,870		9,495		821		1,112		805		37,270	-
10															
11	Standby Customers <sup>6</sup>		171,744		171,861		171,069		170,283		168,061		169,073		1,022,092
12															
13	TOTAL	1,779,906,229	2,452,131	1,679,024,103	2,490,895	1,519,714,576	2,157,652	1,549,984,218	2,441,041	1,644,359,411	2,666,644	1,636,301,739	2,458,243	9,809,290,276	14,666,607
14															
<b>NOTES:</b>															
1	See Section 3.2.3, Page 13 1, Line 5 x 1000														
2	See Section 3.2.3, Page 13 1, Line 9 x 1000														
3	See Section 3.2.3, Pages 13 1, 13 2, 13 3, 13 4, (Lines 13, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000														
4	See Section 3.2.3, Page 13 1, Line 25 x 1000														
5	See Section 3.2.3, Page 13 1, Line 27 x 1000														
6	See Section 3.2.3, Page 13 4, Line 176 x 1000														

Section 3.2.3  
 SAN DIEGO GAS AND ELECTRIC COMPANY  
 TO4 Cycle 3 Annual Transmission Formulaic Rate Filing

Revenue Data to Reflect Present Rates from the WHOLESALE Rates Developed from the Cycle 1 Offer of Settlement  
 For the 12-Month Period True-Up Period January 2014 through December 2014

Billing Determinants @ Transmission Level  
 True-Up Period (1/1/2014 - 12/31/2014)

Line No	Customer Classes	(H) Jul-14		(I) Aug-14		(J) Sep-14		(K) Oct-14		(L) Nov-14		(M) Dec-14		(N) Sub-Total		(O) Grand Total			
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers <sup>1</sup>	650,785,838	2,405,531	727,587,052	2,435,077	839,745,203	2,727,386	720,129,816	2,570,968	585,467,325	869,169,079	2,300,124	617,709,047	2,144,539	4,141,424,300	-	7,683,144,057	-	1
2																			2
3	Small Commercial <sup>2</sup>	194,776,546	2,405,531	201,055,831	2,435,077	224,519,004	2,727,386	197,159,146	2,570,968	181,575,911	869,169,079	2,300,124	169,370,333	2,144,539	1,168,456,770	-	2,217,623,077	-	3
4																			4
5	Medium-Large Commercial <sup>3</sup>	975,777,786	2,405,531	961,881,699	2,435,077	1,130,504,985	2,727,386	968,843,579	2,570,968	869,169,079	2,300,124	855,192,356	2,144,539	5,761,369,485	14,583,625	10,930,138,049	28,228,139	5	
6																			6
7	Street Lighting <sup>4</sup>	5,834,630	2,238	8,156,580	2,238	10,518,814	2,238	5,834,630	2,238	10,713,938	2,238	7,702,774	2,238	48,779,811	-	98,378,189	-	7	
8																			8
9	Sale for Resale <sup>5</sup>	2,238	2,238	11,362	2,238	5,832	2,238	4,679	2,238	11,300	2,238	14,983	2,238	50,394	-	87,664	-	9	
10																			10
11	Standby Customers <sup>6</sup>	169,795	2,238	170,172	2,238	170,551	2,238	170,568	2,238	170,568	2,238	170,568	2,238	173,588	-	1,025,242	-	11	
12																			12
13	TOTAL	1,827,177,058	2,575,326	1,898,692,523	2,605,249	2,203,293,837	2,897,937	1,891,990,296	2,741,536	1,646,937,552	2,470,692	1,649,989,493	2,318,127	11,120,080,760	15,608,866	20,929,371,036	30,275,473	13	
14																			14

NOTES

- 1 See Section 3.2.3, Page 13.1, Line 5 x 1000
- 2 See Section 3.2.3, Page 13.1, Line 9 x 1000
- 3 See Section 3.2.3, Pages 13.1, 13.2, 13.3, 13.4, (Lines 13.1, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000
- 4 See Section 3.2.3, Page 13.1, Line 25 x 1000
- 5 See Section 3.2.3, Page 13.1, Line 27 x 1000
- 6 See Section 3.2.3, Page 13.4, Line 176 x 1000

Section 3.2.3													
SAN DIEGO GAS AND ELECTRIC COMPANY													
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing													
Revenue Data to Reflect Present Rates from the WHOLESale Rates Developed from the Cycle 1 Offer of Settlement													
For the 12-Month Period True-Up Period January 2014 through December 2014													
Total Billing Determinants @ Transmission Level													
True-Up Period (1/1/2014 - 12/31/2014)													
(M)													
Year to Date													
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Billing Determinants @ Transmission Level Demand (kW)	Line No.									
1	Residential Customers	7,683,144,057	-	1									
2				2									
3	Small Commercial	2,217,623,077	-	3									
4				4									
5	Medium-Large Commercial	10,930,138,049	28,228,139	5									
6				6									
7	Street Lighting	98,378,189	-	7									
8				8									
9	Sale for Resale	87,664	-	9									
10				10									
11	Standby Customers	-	2,047,333	11									
12				12									
13	TOTAL	20,929,371,036	30,275,473	13									
14				14									

Section 3.2.3

San Diego Gas & Electric

FERC RECORDED Sales @ Transmission Level for the Period: January 2014 - December 2014

Line No		TO4-CI Jan-14	TO4-CI Feb-14	TO4-CI Mar-14	TO4-CI Apr-14	TO4-CI May-14	TO4-CI Jun-14	TO4-CI Jul-14	TO4-CI Aug-14	TO4-CI Sep-14	TO4-CI Oct-14	TO4-CI Nov-14	TO4-CI Dec-14	Total
1	SDG&E: System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	Residential	660,680	566,308	539,608	504,335	538,158	577,847	622,345	695,789	803,046	688,658	559,881	590,713	7,347,369
4	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
5	Residential @ Transmission Level	690,873	592,189	564,268	527,383	562,752	604,254	650,786	727,587	839,745	720,130	585,467	617,709	7,683,144
6	Small Commercial	181,604	164,514	160,901	150,743	168,711	176,841	186,264	192,269	214,707	188,543	173,641	161,968	2,120,707
7	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
8	Small Commercial @ Transmission Level	189,904	172,033	168,254	157,632	176,422	184,923	194,777	201,056	224,519	197,159	181,576	169,370	2,217,623
9	Med & Large Comm./Ind (AD + PA-T-1)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
10	Transmission Level Adjustment Factor	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
11	Med & Large Comm./Ind (AD + PA-T-1) @ Trans. Level	22,549	23,936	18,174	22,867	25,349	26,508	26,613	28,324	30,508	25,836	25,127	19,731	295,521
12	Med & Large Comm./Ind (AY + AL + DGR)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
13	Transmission Level Adjustment Factor	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
14	Med & Large Comm./Ind (AY + AL + DGR) @ Trans Level	797,845	809,151	699,902	762,040	807,982	743,616	886,560	860,168	1,030,055	869,580	777,719	771,771	9,816,391
15	Med & Large Comm./Ind (A6)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
16	Transmission Level Adjustment Factor	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
17	Med & Large Comm./Ind. (A6) @ Trans Level	72,805	68,620	63,514	71,904	65,488	66,516	62,606	73,390	69,942	73,428	66,323	63,690	818,226
18	Lighting	5,658	12,512	5,348	7,801	6,087	10,025	5,580	7,800	10,059	5,597	10,246	7,366	94,079
19	Transmission Level Adjustment Factor	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
20	Street Lighting @ Transmission Level	5,916	13,083	5,592	8,158	6,365	10,483	5,835	8,157	10,519	5,853	10,714	7,703	98,378
21	Sale for Resale	132	119	95	08	11	08	22	114	58	47	113	150	877
22	Total System Delivery @ Meter Exclude Resale	1,710,381	1,613,988	1,460,530	1,490,182	1,580,821	1,572,540	1,756,361	1,824,614	2,119,383	1,818,275	1,583,002	1,585,788	20,115,866
23	Total System Delivery @ Trans. Exclude Resale	1,779,893	1,679,012	1,519,705	1,549,983	1,644,358	1,636,301	1,827,175	1,898,681	2,205,288	1,891,986	1,646,926	1,649,975	20,929,283
24	Med. & Large Comm./Ind.													
25	Rate Schedule Billing Determinants													
26	Schedules AD / PA-T-1-Applicable to 100% NCD													
27	Total Deliveries (MWh)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
28	Total Deliveries (%)	89.59%	88.05%	93.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	89.26%	88.38%	89.49%
29	% @ Secondary Service	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	11.62%	10.51%
30	% @ Primary Service	0.00%	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 Service	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
32	Total Deliveries (MWh)	19,507	20,350	16,387	19,387	21,669	23,074	23,560	24,186	26,329	22,420	21,656	16,838	255,361
33	MWWh @ Secondary Service	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,527	2,606	2,213	29,982
34	MWWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
35	MWWh @ Transmission Service	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343

Section 3.2.3 San Diego Gas & Electric FERC RECORDED Sales @ Transmission Level for the Period: January 2014 - December 2014													Line No	
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
46	Non-Coincident Demand (%)													46
47	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%	
48	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4320%	
49	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	
50	Non-Coincident Demand (MW)													50
51	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	61.099	862.635	
52	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	
53	78.267	77.967	67.585	78.965	78.360	76.187	77.292	78.338	80.682	72.459	72.063	63.892	902.057	
54	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	5.868	129.511	
55	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	
56	13.215	12.355	8.727	10.013	14.487	10.935	7.241	10.830	14.185	11.978	11.015	5.931	130.910	
57	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
58	87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	66.967	992.146	
59	91.482	90.321	76.312	88.978	92.847	87.122	84.533	89.168	94.867	84.437	83.078	69.823	1,032.967	
60	MW @ Transmission Service													60
61	770.368	781.284	675.798	735.796	780.156	718.007	856.027	830.545	994.581	839.632	750.935	745.192	9,478,320	
62	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%	
63	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%	
64	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.92%	
65	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
66	602.197	596.120	534.759	576.128	616.245	624.020	632.861	656.296	764.136	655.417	631.687	555.839	7,445,704	
67	158.696	178.758	136.579	157.387	159.152	153.725	152.972	166.026	214.829	171.369	128.710	160.812	1,939,015	
68	2.476	6.407	4.460	2.281	4.759	-59.738	70.194	8.222	15.615	12.846	-9.462	28.541	93,601	
69	770.368	781.284	675.798	735.796	780.156	718.007	856.027	830.545	994.581	839.632	750.935	745.192	9,478,320	
70	Non-Coincident Demand (%)													70
71	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%	
72	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2139%	
73	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%	
74	1,633.760	1,644.695	1,451.335	1,651.760	1,814.842	1,735.399	1,695.434	1,765.437	1,952.369	1,871.870	1,726.400	1,524.110	20,467,409	
75	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	
76	1,708.423	1,719.857	1,517.661	1,727.245	1,897.780	1,814.706	1,772.915	1,846.118	2,041.592	1,957.415	1,805.296	1,593.761	21,402,770	
77	Transmission Level Adjustment Factor													77
78	1.708.423	1.719.857	1.517.661	1.727.245	1.897.780	1.814.706	1.772.915	1.846.118	2.041.592	1.957.415	1.805.296	1.593.761	21,402,770	
79	Non-Coincident Demand (MW)													79
80	1,633.760	1,644.695	1,451.335	1,651.760	1,814.842	1,735.399	1,695.434	1,765.437	1,952.369	1,871.870	1,726.400	1,524.110	20,467,409	
81	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	
82	1,708.423	1,719.857	1,517.661	1,727.245	1,897.780	1,814.706	1,772.915	1,846.118	2,041.592	1,957.415	1,805.296	1,593.761	21,402,770	
83	Transmission Level Adjustment Factor													83
84	1,708.423	1,719.857	1,517.661	1,727.245	1,897.780	1,814.706	1,772.915	1,846.118	2,041.592	1,957.415	1,805.296	1,593.761	21,402,770	
85	Non-Coincident Demand @ Transmission Level													85
86	1,708.423	1,719.857	1,517.661	1,727.245	1,897.780	1,814.706	1,772.915	1,846.118	2,041.592	1,957.415	1,805.296	1,593.761	21,402,770	
87	Transmission Level Adjustment Factor													87
88	1,708.423	1,719.857	1,517.661	1,727.245	1,897.780	1,814.706	1,772.915	1,846.118	2,041.592	1,957.415	1,805.296	1,593.761	21,402,770	

Section 3.2.3														
San Diego Gas & Electric														
FERC RECORDED Sales @ Transmission Level for the Period: January 2014 - December 2014														
Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	
88														
89	MW @ Primary Service	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
90	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	
91	Non-Coincident Demand @ Transmission Level	336,058	375,290	282,320	326,446	364,855	350,084	331,360	360,475	430,391	384,548	328,503	322,010	4,192,339
92														
93	MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	84,052	101,782	18,245	29,918	27,376	26,086	50,774	165,677
94	Non-Coincident Demand @ Meter Level	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
95	Non-Coincident Demand @ Transmission Level	2,055,899	2,108,178	1,806,386	2,060,182	2,273,009	2,080,738	2,206,056	2,224,838	2,501,901	2,369,338	2,107,713	1,966,546	25,760,785
96														
97	On-Peak Demand (%)													
98	% @ Secondary Service	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
99	% @ Primary Service	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
100	% @ Transmission Service	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
101														
102	On-Peak Demand (MW)													Total
103	MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
104	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	
105	On-Peak Demand @ Transmission Level	1,358,300	1,390,098	1,211,221	1,412,160	1,653,550	1,712,258	1,658,427	1,740,429	1,936,116	1,865,575	1,568,157	1,277,567	18,783,858
106														
107	MW @ Primary Service	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
108	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	
109	On-Peak Demand @ Transmission Level	320,499	366,798	268,791	314,673	359,224	366,088	349,760	382,292	465,569	407,239	290,254	333,226	4,224,412
110														
111	MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
112	On-Peak Demand @ Meter Level	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
113	On-Peak Demand @ Transmission Level	1,706,154	1,784,636	1,503,656	1,746,552	2,034,579	1,999,074	2,134,606	2,151,039	2,436,413	2,311,418	1,861,912	1,677,293	23,347,332
114														
115														
116	Schedule AG-TOU:													Total
117	Total Deliveries (MWh)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
118														
119	Total Deliveries (%)													
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
121	% @ Primary Service	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
122	% @ Transmission Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
123	Total Deliveries (MWh)													100.00%
124	MW @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
125	MW @ Primary Service	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
126	MW @ Transmission Service	62,776	57,743	53,851	60,673	53,786	55,285	50,082	60,736	55,870	60,186	53,601	51,374	675,964
127														
128	Non-Coincident Demand (%)													
129	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
130	% @ Primary Service	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
131	% @ Transmission Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1588%	0.1757%	0.1816%
132														

		Section 3.2.3 San Diego Gas & Electric FERC RECORDED Sales @ Transmission Level for the Period: January 2014 - December 2014																												Lane No
Ln	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	W	W	W	W	Total
33																														
34	<b>Non-Coincident Demand (MW)</b>																													
35	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
37	<b>Non-Coincident Demand @ Transmission Level</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38																														
39	MW @ Primary Service	16.939	18.705	13.165	15.076	21.161	12.811	13.083	17.569	20.667	19.005	18.653	17.714	16.939	18.705	13.165	15.076	21.161	12.811	13.083	17.569	20.667	19.005	18.653	17.714	16.939	18.705	13.165	15.076	20.549
40	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
41	<b>Non-Coincident Demand @ Transmission Level</b>	17.122	18.907	13.307	15.239	21.390	12.950	13.225	17.759	20.890	19.210	18.855	17.905	17.122	18.907	13.307	15.239	21.390	12.950	13.225	17.759	20.890	19.210	18.855	17.905	17.122	18.907	13.307	15.239	20.678
42																														
43	MW @ Transmission Service	115.884	101.628	90.578	106.360	111.337	108.359	101.718	103.312	109.729	97.983	90.478	90.265	115.884	101.628	90.578	106.360	111.337	108.359	101.718	103.312	109.729	97.983	90.478	90.265	115.884	101.628	90.578	106.360	1,227.629
44	Non-Coincident Demand @ Meter Level	132.823	120.333	103.742	121.436	132.498	121.171	114.801	120.881	130.396	115.988	109.131	107.979	132.823	120.333	103.742	121.436	132.498	121.171	114.801	120.881	130.396	115.988	109.131	107.979	132.823	120.333	103.742	121.436	1,432.178
45	<b>Non-Coincident Demand @ Transmission Level</b>	133.006	120.535	103.885	121.598	132.726	121.309	114.942	121.071	130.619	117.193	109.333	108.170	133.006	120.535	103.885	121.598	132.726	121.309	114.942	121.071	130.619	117.193	109.333	108.170	133.006	120.535	103.885	121.598	1,434.387
46																														
47	<b>Coincident Peak Demand (%)</b>																													
48	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
49	% @ Primary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1298%	0.1793%	0.0730%	0.0488%	0.1329%
50	% @ Transmission Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1378%	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1378%	0.1158%	0.1449%	0.1182%	0.1373%	0.1378%
51																														
52	<b>Coincident Peak Demand (MW)</b>																													
53	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
55	<b>Coincident Peak Demand @ Transmission Level</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56																														
57	MW @ Primary Service	9.763	15.266	5.457	4.272	13.027	8.180	15.146	16.911	15.290	12.941	17.223	18.139	9.763	15.266	5.457	4.272	13.027	8.180	15.146	16.911	15.290	12.941	17.223	18.139	9.763	15.266	5.457	4.272	151.617
58	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
59	<b>Coincident Peak Demand @ Transmission Level</b>	9.869	15.431	5.516	4.319	13.168	8.269	15.310	17.093	15.455	13.081	17.409	18.335	9.869	15.431	5.516	4.319	13.168	8.269	15.310	17.093	15.455	13.081	17.409	18.335	9.869	15.431	5.516	4.319	153.255
60																														
61	MW @ Transmission Service	72.694	83.670	63.652	83.304	76.322	72.590	71.067	83.694	76.263	86.066	83.992	78.192	72.694	83.670	63.652	83.304	76.322	72.590	71.067	83.694	76.263	86.066	83.992	78.192	72.694	83.670	63.652	83.304	931.506
62	Coincident Peak Demand @ Meter Level	82.457	98.935	69.109	87.576	89.349	80.770	86.213	100.605	91.553	99.007	101.216	96.331	82.457	98.935	69.109	87.576	89.349	80.770	86.213	100.605	91.553	99.007	101.216	96.331	82.457	98.935	69.109	87.576	1,083.123
63	<b>Coincident Peak Demand @ Transmission Level</b>	82.563	99.100	69.168	87.622	89.490	80.858	86.377	100.788	91.718	99.147	101.402	96.527	82.563	99.100	69.168	87.622	89.490	80.858	86.377	100.788	91.718	99.147	101.402	96.527	82.563	99.100	69.168	87.622	1,084.760
64	<b>Schedule S: Standby Determinants:</b>																													
65	<b>Contracted Standby Demand (MW)</b>																													
66	MW @ Secondary Service	10.549	10.549	9.938	9.815	9.815	9.715	9.688	9.688	9.688	9.522	9.522	9.522	10.549	10.549	9.938	9.815	9.815	9.715	9.688	9.688	9.688	9.522	9.522	9.522	10.549	10.549	9.938	9.815	118.031
67	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
68	<b>Standby Demand @ Transmission Level</b>	11.031	11.031	10.392	10.264	10.264	10.159	10.131	10.131	10.131	9.957	9.957	9.978	11.031	11.031	10.392	10.264	10.264	10.159	10.131	10.131	10.131	9.957	9.957	9.978	11.031	11.031	10.392	10.264	123.425
69																														
70	MW @ Primary Service	100.127	100.347	100.196	99.545	99.139	99.749	100.584	100.555	100.931	101.082	102.798	102.798	100.127	100.347	100.196	99.545	99.139	99.749	100.584	100.555	100.931	101.082	102.798	102.798	100.127	100.347	100.196	99.545	1,206.135
71	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
72	<b>Standby Demand @ Transmission Level</b>	101.208	101.431	101.278	100.620	100.210	100.826	101.670	101.641	102.021	102.174	103.908	103.908	101.208	101.431	101.278	100.620	100.210	100.826	101.670	101.641	102.021	102.174	103.908	103.908	101.208	101.431	101.278	100.620	1,219.161
73																														
74	MW @ Transmission Service	59.505	59.399	59.399	59.399	57.588	58.088	57.994	58.4	58.399	58.437	58.437	59.702	59.505	59.399	59.399	59.399	57.588	58.088	57.994	58.4	58.399	58.437	58.437	59.702	59.505	59.399	59.399	59.399	704.747
75	Standby Demand @ Meter Level	170.181	170.295	169.533	168.759	166.542	167.552	168.266	168.643	169.018	169.041	169.041	172.042	170.181																

**San Diego Gas & Electric  
FERC Recorded Sales Period: January 2014 - December 2014**

<u>SDG&amp;E System Delivery Determinants</u>	<u>Jan-14</u>	<u>Feb-14</u>	<u>Mar-14</u>	<u>Apr-14</u>	<u>May-14</u>	<u>Jun-14</u>	<u>Jul-14</u>	<u>Aug-14</u>	<u>Sep-14</u>	<u>Oct-14</u>	<u>Nov-14</u>	<u>Dec-14</u>	<u>Total</u>
<u>Customer Class Deliveries (MWh)</u>													
Residential	660,680	566,308	539,608	504,335	538,158	577,847	622,345	695,789	803,046	688,658	559,881	590,713	7,347,369
Small Commercial	181,604	164,514	160,901	150,743	168,711	176,841	186,264	192,269	214,707	188,543	173,641	161,968	2,120,707
Med & Large Comm /Ind (AD + PA-T-1)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
Med & Large Comm /Ind (AL + AY + DGR)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
Med & Large Comm /Ind (A6)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
Lighting	5,658	12,512	5,348	7,801	6,087	10,025	5,580	7,800	10,059	5,597	10,246	7,366	94,079
Sale for Resale	13.2	11.9	9.5	0.8	1.1	0.8	2.2	11.4	5.8	4.7	11.3	15.0	87.66
<b>Total System</b>	<b>1,710,394</b>	<b>1,614,000</b>	<b>1,460,539</b>	<b>1,490,183</b>	<b>1,580,823</b>	<b>1,572,541</b>	<b>1,756,363</b>	<b>1,824,625</b>	<b>2,119,389</b>	<b>1,818,280</b>	<b>1,583,014</b>	<b>1,585,803</b>	<b>20,115,954</b>
<u>Med. &amp; Large Comm./Ind.</u>													
<u>Rate Schedule Billing Determinants</u>													
<u>Schedules AD / PA-T-1:</u>													
<u>Total Deliveries (MWh)</u>	<u>21,773</u>	<u>23,112</u>	<u>17,548</u>	<u>22,079</u>	<u>24,476</u>	<u>25,595</u>	<u>25,696</u>	<u>27,348</u>	<u>29,457</u>	<u>24,946</u>	<u>24,261</u>	<u>19,051</u>	<u>285,343</u>
<u>Total Deliveries (%)</u>													
% @ Secondary Service	89.59%	88.05%	93.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	89.26%	88.38%	89.49%
% @ Primary Service	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	11.62%	10.51%
% @ Transmission Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Total Deliveries (MWh)</b>	<b>19,507</b>	<b>20,350</b>	<b>16,387</b>	<b>19,387</b>	<b>21,669</b>	<b>23,074</b>	<b>23,560</b>	<b>24,186</b>	<b>26,329</b>	<b>22,420</b>	<b>21,656</b>	<b>16,838</b>	<b>255,361</b>
MWh @ Secondary Service	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,527	2,606	2,213	29,982
MWh @ Transmission Service	0	0	0	0	0	0	0	0	0	0	0	0	0
<u>Non-Coincident Demand (%)</u>													
% @ Secondary Service	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%
% @ Primary Service	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4320%
% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
<u>Non-Coincident Demand (MW)</u>													
MW @ Secondary Service	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	61.099	862.635
MW @ Primary Service	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	5.868	129.511
MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	66.967	992.146



**San Diego Gas & Electric  
FERC Recorded Sales Period: January 2014 - December 2014**

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
<b>Schedules AL-TOU / AY-TOU / DG-R:</b>													
<b>Total Deliveries (MWh)</b>	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
<b>Total Deliveries (%)</b>													
% @ Secondary Service	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	75.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%
% @ Primary Service	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%
% @ Transmission Service	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
<b>Total Deliveries (MW)</b>													
MWh @ Secondary Service	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704
MWh @ Primary Service	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015
MWh @ Transmission Service	9,476	6,407	4,460	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601
	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
<b>Non-Coincident Demand (%)</b>													
% @ Secondary Service	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%
% @ Primary Service	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2139%
% @ Transmission Service	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%
<b>Non-Coincident Demand (MW)</b>													
MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
MW @ Primary Service	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	-84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
<b>On-Peak Demand (%)</b>													
% @ Secondary Service	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
% @ Primary Service	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
% @ Transmission Service	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
<b>On-Peak Demand (MW)</b>													
MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
MW @ Primary Service	317,074	362,878	265,919	311,311	353,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289

**San Diego Gas & Electric  
FERC Recorded Sales Period: January 2014 - December 2014**

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
<b>Schedule A6-TOU:</b>													
<b>Total Deliveries (MWh)</b>	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
<b>Total Deliveries (%)</b>													
% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% @ Primary Service	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
% @ Transmission Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
<b>Total Deliveries (MW)</b>													
MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
MWh @ Primary Service	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
MWh @ Transmission Service	62,776	57,743	53,851	60,673	53,786	55,285	50,082	60,736	55,870	60,186	53,601	51,374	675,964
	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
<b>Non-Coincident Demand (%)</b>													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
% @ Transmission Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
<b>Non-Coincident Demand (MW)</b>													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	16.939	18.705	13.165	15.076	21.161	12.811	13.083	17.569	20.667	19.005	18.653	17.714	204.549
MW @ Transmission Service	115.884	101.628	90.578	106.360	111.337	108.359	101.718	103.312	109.729	97.983	90.478	90.265	1,227.629
	132.823	120.333	103.742	121.436	132.498	121.171	114.801	120.881	130.396	116.988	109.131	107.979	1,432.178
<b>Coincident Peak Demand (%)</b>													
% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
% @ Primary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
% @ Transmission Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
<b>Coincident Peak Demand (MW)</b>													
MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MW @ Primary Service	9.763	15.266	5.457	4.272	13.027	8.180	15.146	16.911	15.290	12.941	17.223	18.139	151.617
MW @ Transmission Service	72.694	83.670	63.652	83.304	76.322	72.590	71.067	83.694	76.263	86.066	83.992	78.192	931.506
	82.457	98.935	69.109	87.576	89.349	80.770	86.213	100.605	91.553	99.007	101.216	96.331	1,083.123
<b>Schedule S: Standby Determinants:</b>													
<b>Contracted Standby Demand (MW)</b>													
MW @ Secondary Service	10.549	10.549	9.938	9.815	9.815	9.715	9.688	9.688	9.688	9.522	9.522	9.542	118.031
MW @ Primary Service	100.127	100.347	100.196	99.545	99.139	99.749	100.584	100.555	100.931	101.082	101.082	102.798	1,206.135
MW @ Transmission Service	59.505	59.399	59.399	59.399	57.588	58.088	57.994	58.400	58.399	58.437	58.437	59.702	704.747
	170.181	170.295	169.533	168.759	166.542	167.552	168.266	168.643	169.018	169.041	169.041	172.042	2,028.913

# San Diego Gas & Electric Company

## Section 3.3.1

Derivation of CAISO Cost of Service  
(COS) for the 12-Month True-Up Period

Docket No. ER16-\_\_\_\_-\_\_\_\_

San Diego Gas & Electric Company  
Statement BK-2  
Derivation of CAISO Total Base Transmission Revenue Requirements  
For the Base Period & True-Up Period Ending December 31, 2014  
(\$1,000)

Line No.	Amounts	Reference	Line No.
1	\$ 619,509	Statement BK-1; Page 1; Line 60	1
2			2
3			3
4	-	Statement BK-1; Page 1; Line 6	4
5			5
6	-	Statement AL; Page 9; Line 30	6
7			7
8	(2,333)	Statement BK-1; Page 1; Line 26	8
9			9
10	-	Statement BK-1; Page 1; Line 28	10
11			11
12	\$ (2,333)	Sum Lines 4 thru 10	12
13			13
14	617,176	Sum Lines 1; 12	14
15			15
16	-	(Wholesale TU Adj; Total Col; Line 29) / 1,000	16
17			17
18	-	(Wholesale Int TU-1 + Wholesale Int TU-2; Ttl Col; Ln 20) / 1000	18
19			19
20	\$ 617,176	Sum Lines 14 thru 18	20
21			21
22	-	Statement BK-1; Page 4; Line 20	22
23			23
24	-	Statement BK-1; Page 5; Line 20	24
25			25
26	-	Statement BK-1; Page 5; Line 37	26
27			27
28	\$ 617,176	Sum Lines 20 thru 26	28

<sup>1</sup> Total Prior Year Revenues (PYRR) or Base Period Revenue is for 12 months ending the applicable cycle base period

**San Diego Gas & Electric Company  
Statement BK-2**

**Derivation of CAISO HV Transmission Facility (BTRR<sub>CAISO-HV</sub>) & LV Transmission Facility (BTRR<sub>CAISO-LV</sub>) Revenue Requirements**

**For the Rate Effective Period January 1, 2016 - December 31, 2016  
(\$1,000)**

Line No.	Total	Reference		Line No.
<b>A. Derivation of Revenues Related With Total Transmission Facilities:</b>				
1	\$ 617,176	Statement BK-2; Page 1; Line 20		1
2				2
3	-	Statement BK-2; Page 1; Line 22		3
4				4
5	-	Statement BK-2; Page 1; Line 24		5
6				6
7	-	Statement BK-2; Page 1; Line 26		7
8				8
9	\$ 617,176	Sum Lines 1 thru 7		9
10				10
<b>B. Derivation of Split Between HV and LV: <sup>1</sup></b>				
	(a)	(b)	(c)	
12	Total	High Voltage	Low Voltage	Reference
13	<b>1. Percent Split Between HV &amp; LV for Recorded Non-Incentive &amp; Incentive Gross Transmission Plant Facilities and Incentive CWIP:</b>			
14	\$ 4,367,505	\$ 2,787,031	\$ 1,580,474	HV-LV Study, Line 3 below <sup>6</sup>
15	100.00%	63.81%	36.19%	Ratios Based on Line 14
16	\$ 617,176	\$ 393,838	\$ 223,338	Line 15 x Line 16; Col A
17				
18	<b>2. Percent Split Between HV and LV of Forecast Plant Adds Applicable to Forecast Period:</b>			
19	\$ 454,213	\$ 171,428	\$ 282,785	Summary of HV-LV Splits for Forecast Plant Adds; Page 1; Line 16
20	100.00%	37.74%	62.26%	Ratios Based on Line 19
21	\$ -	\$ -	\$ -	Line 20 x Line 21; Col A
22				
<b>C. Summary of CAISO Transmission Facilities by High Voltage and Low Voltage Classification:</b>				
25	\$ 617,176	\$ 393,838	\$ 223,338	Line 16 From Above
26	6,363	4,060	2,303	Line 25 x 1.031%
27	\$ 623,539	\$ 397,898	\$ 225,641	Sum Lines 25 thru 26
28				
29	\$ -	\$ -	\$ -	Line 21 From Above
30	-	-	-	Line 29 x 1.031%
31	\$ -	\$ -	\$ -	Sum Lines 29 thru 30
32				
33	\$ 623,539	\$ 397,898	\$ 225,641	Line 27 + Line 31

<sup>1</sup> Pursuant to the CAISO's July 5, 2005 filing in compliance with the Commission's December 21, 2004 order, 109 FERC ¶ 61,301 (December 21, Order) and June 2, 2005 Order, 111 FERC ¶ 61,337 (June 2 Order), SDG&E in the instant filing has followed the CAISO's new guidelines to separate all elements of its transmission facilities into HV and LV components. TRBAA cost components shown in the instant filing are separated into the HV and LV components applicable to the CAISO's HV and LV guidelines in effect 1/1/2005 pursuant to CAISO Tariff Appendix F, Sch.3, Section 8.1.

<sup>2</sup> Use gross plant facilities as of December 31 for the applicable base period.

<sup>3</sup> HV-LV plant ratios based upon footnote 2.

<sup>4</sup> Base franchise fees are applicable to all SDG&E customers.

<sup>5</sup> The following HV-LV Wholesale Base Transmission Revenue Requirements will be used by the CAISO to develop the TAC rates for the rate effective applicable period.

<sup>6</sup> Transmission Plant HV/LV Study Classification Summary (\$1,000):

Ln	Total	HV	LV
1	\$ 4,367,505	\$ 2,787,031	\$ 1,580,474
2	-	-	-
3	\$ 4,367,505	\$ 2,787,031	\$ 1,580,474

See HV-LV Study WP

# San Diego Gas & Electric Company

## **Section 3.3.2**

Derivation of CAISO Wholesale  
True-Up Period Cost of Service Rates  
for the 12-Month True-Up Period  
(January 2014 – December 2014)

Docket No. ER16-\_\_\_\_-\_\_\_\_



Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation  
 Derivation of WHOLESALE Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants

Residential Customers <sup>1</sup>

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Residential - Allocated Transmission Revenue Requirements	\$ 260,381	Section 3.3.2; Page 1; Line 4	1
2				2
3	Billing Determinants - Residential Customer Class @ MWh:	7,347,369	Section 3.3.2; Page 16.1; Line 3	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.3.2; Page 14; Col. B; Line 2	5
6				6
7	Billing Determinants @ Transmission Level	7,683,144	Line 3 x Line 5	7
8				8
9	Residential Energy Rate Per kWh	\$ 0.0338899022	Line 1 / Line 7	9
10				10
11	Residential Energy Rate Per kWh - Rounded	\$ 0.0338899022	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 260,381	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.00)	Line 1 - Line 13	15
<b>Notes:</b>				
<sup>1</sup>	Residential customers include the following California Public Utilities Commission (CPUC) tariffs: DR, DR-LJ, DR-TOU, EV-TOU, EV-TOU-2, EV-TOU-3, DR-TV, D-SMF.			



Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation  
Derivation of WHOLESale Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants

Small Commercial Customers<sup>1</sup>

(\$000)

Line No.	Customer Classes	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No.
1	Small Commercial - Allocated Transmission Revenue Requirement	\$ 69,558	Section 3.3.2; Page 1; Line 5	1
2				2
3	Billing Determinants - Small Commercial @ MWh:	2,120,707	Section 3.3.2; Page 16.1; Line 7	3
4				4
5	Transmission Level Adjustment Factor	1.04570	Section 3.3.2; Page 14; Col. B; Line 3	5
6				6
7	Billing Determinants @ Transmission Level	2,217,623	Line 3 x Line 5	7
8				8
9	Energy Rate Per kWh @ Transmission Level	\$ 0.0313660160	Line 1 / Line 7	9
10				10
11	Energy Rate Per kWh - Rounded @ Transmission Level	\$ 0.0313660160	Line 9, Rounded to 10 Decimal Places	11
12				12
13	Proof of Revenues	\$ 69,558	Line 7 x Line 11	13
14				14
15	Difference	\$ (0.00)	Line 1 - Line 13	15

**Notes:**

Small commercial customers include the following California Public Utilities Commission (CPUC) tariffs:

A, A-TC, A-TOU, PA.

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of WHOLESALe Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Customer Classes	Derivation of Demand Rates & Proof of Revenues Calculation	Reference	Line No.
1	<b>Med-Lrg C&amp;I - Demand Revenue Requirement:</b>	\$ 281,646	Section 3 3 2, Page 1; Line 6	1
2	<i>Non-Coincident Demand Determinants @ Transmission Level Used</i>			2
3	<i>to Allocate Total Customer Class Revenues to Voltage Level</i>			3
4	Secondary <sup>2</sup>	22,304.83	Section 3 3 2; Page 14, Line 22, Col C	4
5	Primary <sup>2</sup>	4,530.01	Section 3 3 2, Page 14; Line 23, Col C	5
6	Transmission <sup>2</sup>	1,393.31	Section 3.3.2; Page 14, Line 24; Col C	6
7	Total	28,228.14	Sum Lines 4, 5, 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level</i>			9
10	Secondary	79 01628524%	Line 4 / Line 7	10
11	Primary	16 04783803%	Line 5 / Line 7	11
12	Transmission	4 93587674%	Line 6 / Line 7	12
13	Total	100 0000000%	Sum Lines 10, 11; 12	13
14				14
15	<b>Allocation of Revenue Requirements to Voltage Level:</b>			15
16	Secondary	\$ 222,546	Line 1 x Line 10	16
17	Primary	\$ 45,198	Line 1 x Line 11	17
18	Transmission	\$ 13,902	Line 1 x Line 12	18
19	Total	\$ 281,646	Sum Lines 16; 17, 18	19
20				20
21	<b>Non-Coincident Demand Determinants by Voltage Level @ Transmission Level:</b>			21
22	Secondary	22,304.83	Section 3 3 2, Page 14, Line 22, Col C.	22
23	Primary	4,530.01	Section 3 3.2, Page 14; Line 23, Col C.	23
24	Transmission	1,393.31	Section 3 3 2; Page 14, Line 24; Col C	24
25	Total	28,228.14	Sum Lines 22, 23, 24	25
26				26
27	<b>Non-Coincident Demand Rate By Voltage Level @ Transmission:</b>			27
28	Secondary	\$ 9 9774908461	Line 16 / Line 22	28
29	Primary	\$ 9 9774908484	Line 17 / Line 23	29
30	Transmission	\$ 9 9774908461	Line 18 / Line 24	30
31				31
32	<b>Non-Coincident Demand Rate By Voltage Level @ Transmission Level:</b>			32
33	Secondary	\$ 9.9774908461	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 9 9774908484	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 9.9774908461	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<b>Proof of Revenue Calculations:</b>			37
38	Secondary	\$ 222,546	Line 22 x Line 33	38
39	Primary	45,198	Line 23 x Line 34	39
40	Transmission	13,902	Line 24 x Line 35	40
41	Total	\$ 281,646	Sum Lines 38; 39; 40	41
42				42
43	Difference	\$ (0 00)	Line 1 - Line 41	43
	<b>Notes:</b>			
<sup>1</sup>	Medium-Large commercial customers include the following California Public Utilities Commission (CPUC) tariffs: AD, AY-TOU, AL-TOU, AL-TOU-CP, AL-TOU-DER, A6-TOU, PA-T-1			
<sup>2</sup>	LF = Transmission Loss Factor, Secondary Level = 1 0457; Primary Level = 1 0108; Transmission Level = 1 0000			

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation

Derivation of WHOLESale Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants

Medium-Large Commercial Customers<sup>1</sup>

(\$000)

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Rate Proposal 90% of Total M&L C&I NCD Rates <sup>1</sup>	90 00%		1
2	Secondary	\$ 8 9797417615	90% x Section 3 3 2, Page 4, Line 33	2
3	Primary	\$ 8 9797417636	90% x Section 3 3 2, Page 4, Line 34	3
4	Transmission	\$ 8 9797417615	90% x Section 3 3 2, Page 4, Line 35	4
5				5
6	Rate Proposal 90% of Total M&L C&I NCD Rates (Rounded)			6
7	Secondary	\$ 8 9797417615	Line 2, Rounded to 10 Decimal Places	7
8	Primary	\$ 8 9797417636	Line 3, Rounded to 10 Decimal Places	8
9	Transmission	\$ 8 9797417615	Line 4, Rounded to 10 Decimal Places	9
10				10
11	Pertaining to Schedules @ 90% NCD with Maximum On-Peak Period Demand <sup>2</sup>			11
12	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			12
13	Secondary	21,403	Section 3 3 2, Page 15, Line 10, Col D	13
14	Primary	4,192	Section 3 3 2, Page 15, Line 11, Col D	14
15	Transmission	166	Section 3 3 2, Page 15, Line 12, Col D	15
16	Total	25,761	Sum Lines 13, 14, 15	16
17				17
18	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			18
19	Secondary	\$ 213,546	Section 3 3 2, Page 4, Line 33 x Line 13	19
20	Primary	\$ 41,829	Section 3 3 2, Page 4, Line 34 x Line 14	20
21	Transmission	\$ 1,653	Section 3 3 2, Page 4, Line 35 x Line 15	21
22	Total	\$ 257,028	Sum Lines 19, 20, 21	22
23				23
24	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			24
25	Secondary	\$ 192,191	Line 7 x Line 13	25
26	Primary	\$ 37,646	Line 8 x Line 14	26
27	Transmission	\$ 1,488	Line 9 x Line 15	27
28	Total	\$ 231,325	Sum Lines 25, 26, 27	28
29				29
30	Revenue Reallocation to Maximum On-Peak Period Demands			30
31	Secondary	\$ 21,355	Line 19 - Line 25	31
32	Primary	\$ 4,183	Line 20 - Line 26	32
33	Transmission	\$ 165	Line 21 - Line 27	33
34	Total	\$ 25,703	Sum Lines 31, 32, 33	34
35				35
36	Pertaining to Schedules @ 90% NCD with Maximum Demand at Time of System Peak <sup>3</sup>			36
37	NCD Determinants By Voltage Level @ TRANSMISSION Level (MW)			37
38	Secondary	-	Section 3 3 2, Page 15, Col D, Line 17	38
39	Primary	207	Section 3 3 2, Page 15, Col D, Line 18	39
40	Transmission	1,228	Section 3 3 2, Page 15, Col D, Line 19	40
41	Total	1,434	Sum Lines 38, 39, 40	41
42				42
43	Annual Revenues from Current NCD Rate 100% of Total M&L C&I NCD Rates			43
44	Secondary	\$ -	Line 38 x Section 3 3 2, Page 4, Line 33	44
45	Primary	\$ 2,063	Line 39 x Section 3 3 2, Page 4, Line 34	45
46	Transmission	\$ 12,249	Line 40 x Section 3 3 2, Page 4, Line 35	46
47	Total	\$ 14,312	Sum Lines 44, 45, 46	47
48				48
49	Annual Revenues from Proposed NCD Rate 90% of Total M&L C&I NCD Rates			49
50	Secondary	\$ -	Line 7 x Line 38	50
51	Primary	\$ 1,857	Line 8 x Line 39	51
52	Transmission	\$ 11,024	Line 9 x Line 40	52
53	Total	\$ 12,880	Sum Lines 50, 51, 52	53
54				54
55	Revenue Reallocation to Maximum Demand at the Time of System Peak			55
56	Secondary	\$ -	Line 44 - Line 50	56
57	Primary	\$ 206	Line 45 - Line 51	57
58	Transmission	\$ 1,225	Line 46 - Line 52	58
59	Total	\$ 1,431	Sum Lines 56, 57, 58	59

NOTES

<sup>1</sup> 90% NCD Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R, A6-TOU

<sup>2</sup> 90% NCD Rates and Maximum On-Peak Period Demand charges are applicable to the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>3</sup> 90% NCD Rates and Maximum Demand at Time of System Peak charges are applicable to the following California Public Utilities Commission (CPUC) tariffs  
A6-TOU

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of WHOLESale Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum On-Peak Period Demand Proposal			1
2	Revenue Reallocation to Maximum On-Peak Period Demands <sup>1</sup>	\$ 25,703	Section 3 3 2, Page 5, Line 34	2
3				3
4	Summer Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	8,321	Section 3 3 2, Page 15, Col B, Line 30	5
6	Primary	1,902	Section 3 3 2, Page 15, Col B, Line 31	6
7	Transmission	132	Section 3 3 2, Page 15, Col B, Line 32	7
8	Total	10,355	Sum Lines 5, 6, 7	8
9				9
10	Summer Maximum On-Peak Period Demands @ Transmission Level (MW)			10
11	Secondary	8,701	Section 3 3 2, Page 15, Col D, Line 30	11
12	Primary	1,923	Section 3 3 2, Page 15, Col D, Line 31	12
13	Transmission	132	Section 3 3 2, Page 15, Col D, Line 32	13
14	Total	10,756	Sum Lines 11, 12, 13	14
15				15
16	Summer Maximum On-Peak Period Allocation to Voltage Levels			16
17	Secondary	80 89%	Line 11 / Line 14	17
18	Primary	17 88%	Line 12 / Line 14	18
19	Transmission	1 23%	Line 13 / Line 14	19
20	Total	100 00%	Sum Lines 17, 18, 19	20
21	Share of Total Revenue Allocation to Summer Peak Period	80 00%		21
22	Revenues for Proposed Summer Maximum On-Peak Period Demand Rates	\$ 20,562	Line 2 x Line 21	22
23	Secondary	\$ 16,634	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 3,676	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 252	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 20,562	Sum Lines 23, 24, 25	26
27				27
28	Summer Maximum On-Peak Period Demand Rates <sup>3</sup>	\$/kW		28
29	Secondary	\$ 1 9117509099	Line 23 / Line 11	29
30	Primary	\$ 1 9117509099	Line 24 / Line 12	30
31	Transmission	\$ 1 9117509099	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		34
35	Secondary	\$ 1 9117509099	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 1 9117509099	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 1 9117509099	Line 31, Rounded to 10 Decimal Places	37
38				38
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs AY-TOU, AL-TOU, AL-TOU-DER, DG-R				
<sup>6</sup> LF = Transmission Loss Factor; Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000				

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation

Derivation of WHOLESALe Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants

Medium-Large Commercial Customers <sup>1</sup>

(\$000)

Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum On-Peak Period Demands By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	9,642	Section 3 3 2, Page 15, Col B, Line 35	2
3	Primary	2,277	Section 3 3 2, Page 15, Col B, Line 36	3
4	Transmission	207	Section 3 3 2, Page 15, Col B, Line 37	4
5	Total	12,126	Sum Lines 2, 3, 4	5
6				6
7	Winter Maximum On-Peak Period Demands @ Transmission Level (MW)			7
8	Secondary	10,083	Section 3 3 2, Page 15, Col D, Line 35	8
9	Primary	2,301	Section 3 3 2, Page 15, Col D, Line 36	9
10	Transmission	207	Section 3 3 2, Page 15, Col D, Line 37	10
11	Total	12,592	Sum Lines 8, 9, 10	11
12				12
13	Winter Maximum On-Peak Period Allocation to Voltage Levels			13
14	Secondary	80.08%	Line 8 / Line 11	14
15	Primary	18.28%	Line 9 / Line 11	15
16	Transmission	1.64%	Line 10 / Line 11	16
17	Total	100.00%	Sum Lines 14, 15, 16	17
18	Share of Total Revenue Allocation to Winter Peak Period	20.00%		18
19	Revenues for Proposed Winter Maximum On-Peak Period Demand Rates	\$ 5,141	(Section 3 3 2, Page 6, Line 2) x Line 18	19
20	Secondary	\$ 4,116	(Section 3 3 2, Page 6, Line 2 x Line 18) x Line 14	20
21	Primary	\$ 940	(Section 3 3 2, Page 6, Line 2 x Line 18) x Line 15	21
22	Transmission	\$ 85	(Section 3 3 2, Page 6, Line 2 x Line 18) x Line 16	22
23	Total	\$ 5,141	Sum Lines 20, 21, 22	23
24				24
25	Winter Maximum On-Peak Period Demand Rates <sup>5</sup>	\$/kW		25
26	Secondary	\$ 0.4082524472	Line 20 / Line 8	26
27	Primary	\$ 0.4082524472	Line 21 / Line 9	27
28	Transmission	\$ 0.4082524472	Line 22 / Line 10	28
29				29
30				30
31	Winter Maximum On-Peak Period Demand Rates (Rounded)	\$/kW		31
32	Secondary	\$ 0.4082524472	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0.4082524472	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0.4082524472	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations			37
38	Secondary	\$ 20,750	(Section 3 3 2, Page 6, Line 11 x Line 35) + (Section 3 3 2, Page 7, Line 8 x Line 32)	38
39	Primary	\$ 4,616	(Section 3 3 2, Page 6, Line 12 x Line 36) + (Section 3 3 2, Page 7, Line 9 x Line 33)	39
40	Transmission	\$ 337	(Section 3 3 2, Page 6, Line 13 x Line 37) + (Section 3 3 2, Page 7, Line 10 x Line 34)	40
41	Total	\$ 25,703	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ (0.00)	Section 3 3 2, Page 6, Line 2 Minus Page 7, Line 41	43
44				44

NOTES

<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum On-Peak Period Demands for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>2</sup> Summer Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>3</sup> Summer Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>4</sup> Winter Maximum On-Peak Period Determinants for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>5</sup> Winter Maximum On-Peak Period Demand Charges for the following California Public Utilities Commission (CPUC) tariffs  
AY-TOU, AL-TOU, AL-TOU-DER, DG-R

<sup>6</sup> LF = Transmission Loss Factor Secondary Level = 1.0457 Primary Level = 1.0108 Transmission Level = 1.0000

Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of WHOLESALe Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Med-Lrg C&I Maximum Demand at the Time of System Peak Proposal			1
2	Revenue Reallocation to Maximum Demand at the Time of System Peak <sup>1</sup>	\$ 1,431	Section 3 3 2, Page 5, Line 59	2
3				3
4	Summer Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>2</sup>			4
5	Secondary	-	Section 3 3 2, Page 15, Col B, Line 42	5
6	Primary	69	Section 3 3 2, Page 15, Col B, Line 43	6
7	Transmission	380	Section 3 3 2, Page 15, Col B, Line 44	7
8	Total	448	Sum Lines 5, 6, and 7	8
9				9
10	Summer Maximum Demand at the Time of System Peak @ Transmission Level (MW)			10
11	Secondary	-	Section 3 3 2, Page 15, Col D, Line 42	11
12	Primary	69	Section 3 3 2, Page 15, Col D, Line 43	12
13	Transmission	380	Section 3 3 2, Page 15, Col D, Line 44	13
14	Total	449	Sum Lines 11, 12, and 13	14
15				15
16	Summer Maximum Demand at the time of System Peak Allocation to Voltage Levels (MW)			16
17	Secondary	0 00%	Line 11 / Line 14	17
18	Primary	15 43%	Line 12 / Line 14	18
19	Transmission	84 57%	Line 13 / Line 14	19
20	Total	100 00%	Sum Lines 17, 18, and 19	20
21	Share of Total Revenue Allocation to Summer Maximum Demand at the Time of System Peak	80 00%		21
22	Revenues for Proposed Summer Maximum Demand at the Time of System Peak Rates	\$ 1,145	Line 2 x Line 21	22
23	Secondary	\$ -	(Line 2 x Line 21) x Line 17	23
24	Primary	\$ 177	(Line 2 x Line 21) x Line 18	24
25	Transmission	\$ 968	(Line 2 x Line 21) x Line 19	25
26	Total	\$ 1,145	Sum Lines 23, 24, and 25	26
27				27
28	Summer Maximum Demand at the Time of System Peak Rates <sup>3</sup>	\$/kW		28
29	Secondary	\$ -	Line 23 / Line 11	29
30	Primary	\$ 2 5486349210	Line 24 / Line 12	30
31	Transmission	\$ 2 5486349210	Line 25 / Line 13	31
32				32
33				33
34	Summer Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		34
35	Secondary	\$ -	Line 29, Rounded to 10 Decimal Places	35
36	Primary	\$ 2 5486349210	Line 30, Rounded to 10 Decimal Places	36
37	Transmission	\$ 2 5486349210	Line 31, Rounded to 10 Decimal Places	37
38				38
<b>NOTES</b>				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs A6-TOU				
<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs A6-TOU				
<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs A6-TOU				
<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs A6-TOU				
<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs A6-TOU				
<sup>6</sup> LF = Transmission Loss Factor, Secondary Level = 1 0457, Primary Level = 1 0108, Transmission Level = 1 0000				

Section 3 3 2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of WHOLESALe Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants				
Medium-Large Commercial Customers <sup>1</sup>				
(\$000)				
Line No	Description	Derivation of Commodity Rate & Proof of Revenues Calculation	Reference	Line No
1	Winter Maximum Demand at the Time of System Peak By Voltage Level @ Meter Level (MW) <sup>4</sup>			1
2	Secondary	-	Section 3 3 2, Page 15, Col B, Line 47	2
3	Primary	83	Section 3 3 2, Page 15, Col B, Line 48	3
4	Transmission	552	Section 3 3 2, Page 15, Col B, Line 49	4
5	Total	635	Sum Lines 2, 3, 4	5
6				6
7	Winter Maximum Demand at the Time of System Peak @ Transmission Level (MW)			7
8	Secondary	-	Section 3 3 2, Page 15, Col D, Line 47	8
9	Primary	84	Section 3 3 2, Page 15, Col D, Line 48	9
10	Transmission	552	Section 3 3 2, Page 15, Col D, Line 49	10
11	Total	636	Sum Lines 8, 9, 10	11
12				12
13	Winter Maximum Demand at the Time of System Peak Allocation to Voltage Levels			13
14	Secondary	0 00%	Line 8 / Line 11	14
15	Primary	13 21%	Line 9 / Line 11	15
16	Transmission	86 79%	Line 10 / Line 11	16
17	Total	100 00%	Sum Lines 14, 15, 16	17
18	Share of Total Revenue Allocation to Winter Maximum Demand at the Time of System Peak	20 00%		18
19	Revenues for Proposed Winter Maximum Demand at the Time of System Peak Rates	\$ 286	Section 3 3 2, Page 8, Line 2 x Line 18	19
20	Secondary	\$ -	(Section 3 3 2, Page 8, Line 2) x (Line 18) x (Line 14)	20
21	Primary	\$ 38	(Section 3 3 2, Page 8, Line 2) x (Line 18) x (Line 15)	21
22	Transmission	\$ 248	(Section 3 3 2, Page 8, Line 2) x (Line 18) x (Line 16)	22
23	Total	\$ 286	Sum Lines 20, 21, 22	23
24				24
25	Winter Maximum Demand at the Time of System Peak Rates <sup>5</sup>	\$/kW		25
26	Secondary	\$ -	Line 20 / Line 8	26
27	Primary	\$ 0 4503830942	Line 21 / Line 9	27
28	Transmission	\$ 0 4503830942	Line 21 / Line 10	28
29				29
30				30
31	Winter Maximum Demand at the Time of System Peak Rates (Rounded)	\$/kW		31
32	Secondary	\$ -	Line 26, Rounded to 10 Decimal Places	32
33	Primary	\$ 0 4503830942	Line 27, Rounded to 10 Decimal Places	33
34	Transmission	\$ 0 4503830942	Line 28, Rounded to 10 Decimal Places	34
35				35
36				36
37	Proof of Revenue Calculations			37
38	Secondary	\$ -	Section 3 3 2, Page 8 (Line 11 x Line 35) + Page 9, (Line 8 x Line 32)	38
39	Primary	\$ 214	Section 3 3 2, Page 8 (Line 12 x Line 36) + Page 9, (Line 9 x Line 33)	39
40	Transmission	\$ 1,217	Section 3 3 2, Page 8 (Line 13 x Line 37) + Page 9, (Line 10 x Line 34)	40
41	Total	\$ 1,431	Sum Lines 38, 39, and 40	41
42				42
43	Difference	\$ 0 00	Section 3 3 2, Page 8, Line 2 Minus Page 9, Line 41	43
44				44
NOTES				
<sup>1</sup> Revenues to be reallocated from NCD to recovery from Maximum Demand at the time of System Peak for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>2</sup> Summer Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>3</sup> Summer Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>4</sup> Winter Maximum Demand at the time of System Peak Determinants for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>5</sup> Winter Maximum Demand at the time of System Peak Demand Charges for the following California Public Utilities Commission (CPUC) tariffs				
A6-TOU				
<sup>6</sup> LF = Transmission Loss Factor Secondary Level = 1 0457 Primary Level = 1 0108 Transmission Level = 1 0000				





Section 3.3.2				
SAN DIEGO GAS AND ELECTRIC COMPANY				
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation				
Derivation of WHOLESale Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants				
Standby Revenues Calculation				
(\$000)				
Line No	Customer Classes	Derivation of Standby Surcharge & Proof of Revenues Calculation	Reference	Line No.
1	<b>Standby - Demand Revenue Requirement:</b>	\$ 9,660	Section 3 3.2, Page 1, Line 8	1
2	<i>Demand Determinants @ Transmission Level Used to Allocate</i>			2
3	<i>Total Class Revenues to Voltage Level</i>			3
4	Secondary <sup>1</sup>	123 43	Section 3 3.2, Page 15, Col D, Line 54	4
5	Primary <sup>1</sup>	1,219 16	Section 3 3 2; Page 15; Col. D, Line 55	5
6	Transmission <sup>1</sup>	704.75	Section 3 3.2, Page 15, Col D; Line 56	6
7	Total	2,047.33	Sum Lines 4; 5; 6	7
8	<i>Allocation Factors Per Above to Allocate</i>			8
9	<i>Demand Revenue Requirements to Voltage Level</i>			9
10	Secondary	6 0285747%	Line 4 / Line 7	10
11	Primary	59.5487444%	Line 5 / Line 7	11
12	Transmission	34 4226809%	Line 6 / Line 7	12
13	Total	100 000000%	Sum Lines 10, 11, 12	13
14				14
15	<b>Allocation of Revenue Requirements to Voltage Level:</b>			15
16	Secondary	\$ 582	Line 1 x Line 10	16
17	Primary	5,752	Line 1 x Line 11	17
18	Transmission	3,325	Line 1 x Line 12	18
19	Total	\$ 9,660	Sum Lines 16; 17, 18	19
20				20
21	<b>Demand Determinants By Voltage Level @ Transmission:</b>			21
22	Secondary	123 43	Section 3 3 2, Page 11; Line 4	22
23	Primary	1,219 16	Section 3.3 2; Page 11; Line 5	23
24	Transmission	704 75	Section 3 3 2; Page 11; Line 6	24
25	Total	2,047 33	Sum Lines 22, 23, 24	25
26				26
27	<b>Demand Rate By Voltage Level @ Transmission:</b>			27
28	Secondary	\$ 4 7154135811	Line 16 / Line 22	28
29	Primary	\$ 4 7179976908	Line 17 / Line 23	29
30	Transmission	\$ 4.7180051848	Line 18 / Line 24	30
31				31
32	<b>Demand Rate By Voltage Level @ Transmission (Rounded):</b>			32
33	Secondary	\$ 4 7154135811	Line 28 Rounded to 10 Decimal Places	33
34	Primary	\$ 4.7179976908	Line 29 Rounded to 10 Decimal Places	34
35	Transmission	\$ 4 7180051848	Line 30 Rounded to 10 Decimal Places	35
36				36
37	<b>Proof of Revenue Calculations:</b>			37
38	Secondary	\$ 582	Line 22 x Line 33	38
39	Primary	5,752	Line 23 x Line 34	39
40	Transmission	3,325	Line 24 x Line 35	40
41	Total	\$ 9,660	Sum Lines 38, 39, 40	41
42				42
43	Difference	\$ -	Line 1 - Line 41	43
	<b>Notes:</b>			
	<sup>1</sup> LF = Transmission Loss Factor; Secondary Level = 1 0457; Primary Level = 1.0108, Transmission Level = 1.0000			

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formulaic Rate Filing; TO4-Cycle 3 TRUE-UP ADJUSTMENT CALCULATION

WHOLESALE - Rate Design Information

Summary of TO4-CYCLE-3 Wholesale True-Up Transmission Rates Based on TO4-CYCLE-3 Wholesale Cost of Service

Using the TRUE-UP PERIOD RECORDED Billing Determinants

Line No	Customer Classes	Transmission Energy Rates \$/kWh	Transmission Level Demand Rates \$/kW-Mo		Secondary Level Demand Rates \$/kW-Mo	Reference	
			Primary Level Demand Rates \$/kW-Mo	Secondary Level Demand Rates \$/kW-Mo			
1	Residential	\$ 0.0338899022				Section 3.3.2, Page 2, Line 11	
2							
3	Small Commercial	\$ 0.0313660160				Section 3.3.2, Page 3; Line 11	
4							
5	Med & Lrg Commercial/Industrial						
6	Non-Coincident Demand (100%) <sup>1</sup>		\$ 9.9774908461	\$ 9.9774908484	\$ 9.9774908461	Section 3.3.2, Page 4; Lines 33,34,35	
7							
8	Non-Coincident Demand (90%) <sup>2</sup>		\$ 8.9797417615	\$ 8.9797417636	\$ 8.9797417615	Section 3.3.2, Page 5, Lines 7;8,9	
9							
10	Maximum On-Peak Demand <sup>3</sup>						
11	Summer		\$ 1.9117509099	\$ 1.9117509099	\$ 1.9117509099	Section 3.3.2, Page 6, Lines 35,36,37	
12	Winter		\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	Section 3.3.2, Page 7; Lines 32,33,34	
13							
14	Maximum Demand at the Time of System Peak <sup>4</sup>						
15	Summer		\$ 2.5486349210	\$ 2.5486349210	\$ -	Section 3.3.2, Page 8, Lines 29;30;31	
16	Winter		\$ 0.4503830942	\$ 0.4503830942	\$ -	Section 3.3.2, Page 9, Lines 32;33,34	
17							
18	Street Lighting	\$ 0.0233181099				Section 3.3.2, Page 10, Line 11	
19							
20	Standby Rate		\$ 4.7180051848	\$ 4.7179976908	\$ 4.7154135811	Section 3.3.2; Page 11; Lns 33;34,35	
	NOTES:						
1	Non-Coincident Demand (NCD) (100%) rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: Schedules AD and PA-T-1						
2	NCD (90%) rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER, DG-R, and A6-TOU						
3	Maximum On-Peak Demand rates are applicable to the following CPUC tariffs: Schedules AY-TOU, AL-TOU, AL-TOU-DER and DG-R						
4	Maximum Demand at the Time of System Peak rates are applicable to the following CPUC tariffs: Schedule A6-TOU						

**Section 3.3.2**

**SAN DIEGO GAS AND ELECTRIC COMPANY**

**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing; TO4-Cycle 3 True-Up Adjustment**

**WHOLESALE - True-Up Rate Design Information**

**Summary of TO4-CYCLE-3 Proof of Revenues Based on TO4-CYCLE-3 Wholesale Cost of Service**

(\$1,000)

Line No.	Customer Classes	Total Revenues Per Cost of Service Study	Total Revenues Per Rate Design	Difference	Reference	Line No.
1	Residential Customers	\$ 260,381	\$ 260,381	(0)	Sect. 3.3.2; Pg. 1; Ln. 4; & Pg. 2; Ln. 13	1
2						2
3	Small Commercial	69,558	69,558	(0)	Sect. 3.3.2; Pg. 1; Ln. 5; & Pg. 3; Ln. 13	3
4						4
5	Med & Lrg Commercial/Industrial	281,646	281,646	(0)	Sect. 3.3.2; Pg. 1; Ln. 6; & Pg. 4; Ln. 41	5
6						6
7	Street Lighting	2,294	2,294	0	Sect. 3.3.2; Pg. 1; Ln. 7; & Pg. 10; Ln. 13	7
8						8
9	Standby Revenues	9,660	9,660	-	Sect. 3.3.2; Pg. 1; Ln. 8; & Pg. 11; Ln. 41	9
10						10
11	Grand Total	\$ 623,539	\$ 623,539	(0)	Sum Lines 1 thru 9	11

Section 3.3.2

SAN DIEGO GAS AND ELECTRIC COMPANY

TO4-Cycle 3 Annual Transmission Formula Rate Filing: TO4-Cycle 3 True-Up Adjustment

WHOLESALE - True-Up Rate Design Information

Development of TO4-CYCLE-3 12-CP Allocation Factors and Voltage Level Allocation Factors

Line No	Customer Class	(A) 5 Year Average Ending 12/31/2012 Of 12 Monthly CPs Kilowatt @ Meter Level <sup>1</sup>	(B) Transmission Loss Factors	(C) = (A) x (B) 5 Year Average Ending 12/31/2012 Of 12 Monthly CPs Kilowatt @ Transmission Level	(D) 5-Year Average of 12-Monthly CPs Allocation Percentages @ Transmission Level	Reference
1	5-Year Average - 12-Month CP Allocation Factors					
2	Residential Customers	16,022,144	1.04570	16,754,356	41.76%	From Statement BB;
3	Small Commercial Customers	4,280,152	1.04570	4,475,755	11.16%	See 12 CP Worksheet
4	Medium-Large Commercial Customers					
5	Secondary	12,874,831	1.04570	13,463,210	33.56%	See 12 CP Worksheet
6	Primary	3,310,601	1.01080	3,346,356	8.34%	See 12 CP Worksheet
7	Transmission	1,313,118	1.00000	1,313,118	3.27%	See 12 CP Worksheet
8	Total Medium-Large Commercial	17,498,550	1.03567	18,122,684	45.17%	Sum Lines 5, 6, 7
9						
10	Street Lighting	141,169	1.04570	147,620	0.37%	See 12 CP Worksheet
11	Standby Customers					
12	Secondary	34,351	1.04570	35,921	0.09%	See 12 CP Worksheet
13	Primary	370,228	1.01080	374,236	0.93%	See 12 CP Worksheet
14	Transmission	211,414	1.00000	211,414	0.53%	See 12 CP Worksheet
15	Total Standby Customers	615,993	1.00904	621,561	1.55%	Sum Lines 12, 13, 14
16						
17	System Total	38,558,008	1.04056	40,121,976	100.00%	Sum Lines 2, 3, 8, 10, 15
18						
19						
20	Medium-Large Commercial Customers			Transmission Level	Ratios	From Statement BD;
21	Billing Determinants - (Non-Correlated Demand)					
22	Secondary	21,330	1.04570	22,305	79.02%	12-CP Med&Lrg CI Customers
23	Primary	4,482	1.01080	4,530	16.05%	12-CP Med&Lrg CI Customers
24	Transmission	1,393	1.00000	1,393	4.94%	12-CP Med&Lrg CI Customers
25	Total	27,205	1.03761	28,228	100.00%	Sum Lines 22, 23, 24
26						
27				Transmission Level	Ratios	
28	Standby Customers					
29	Billing Determinants - (Contracted Standby Demand)					
30	Secondary	118	1.04570	123	6.03%	12-CP Med&Lrg CI Customers
31	Primary	1,206	1.01080	1,219	59.55%	12-CP Med&Lrg CI Customers
32	Transmission	705	1.00000	705	34.42%	12-CP Med&Lrg CI Customers
33	Total	2,029	1.00908	2,047	100.00%	Sum Lines 30, 31, 32
	NOTES					
1	Information comes from SDG&E's TO4-Cycle 3 Instant Draft Informational Posting on June 15, 2015 (See Cost Statements BB, Allocation Demand and Capability Data, and Cost Statement BD, Allocation Energy and Supporting Data					
2	SDG&E Load Research Data 2008 - 2012					

\* The Transmission Loss Factor rates were determined in a 2002 study and will roll forward from year to year

Section 3.3.2 SAN DIEGO GAS AND ELECTRIC COMPANY									
TO4-Cycle 3 Annual Transmission Formulate Rate Filing - TO4-Cycle 3 True-Up Adjustment Calculation									
Derivation of WHOLESALE Rates Using the TRUE-UP PERIOD RECORDED Billing Determinants									
Development of TO4-CYCLE-3 12-CP Allocation Factors and Voltage Level Allocation Factors									
(A)	(B)	(C)	(D) = (B) x (C)	(E)					
Line No	Forecast Demand Determinants Megawatt @ Meter Level	Transmission Loss Factors	Forecast Demand Determinants Megawatt @ Transmission Level	Ratios	Reference	Line No			
1	Forecast Demand Determinants for Medium-Large Commercial Customers					1			
2	Non-Concurrent Demand Determinants Pertaining to Customers on Schedules @ 100% NCD Rate					2			
3	Secondary	863	1.0457	902	87.33%	3	Section 3.3.2, Page 17.1, Line 35		
4	Primary	130	1.0108	131	12.67%	4	Section 3.3.2, Page 17.1, Line 36		
5	Transmission	-	1.0000	-	0.00%	5	Section 3.3.2, Page 17.1, Line 37		
6	Total	992	1.033	1,033	100.00%	6	Sum Lines 3, 4, 5		
7						7			
8	Non-Concurrent Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate					8			
9	with Maximum On-Peak Period Demand					9			
10	Secondary	20,467	1.0457	21,403	83.08%	10	Section 3.3.2, Page 17.2, Line 61		
11	Primary	4,148	1.0108	4,192	16.27%	11	Section 3.3.2, Page 17.2, Line 62		
12	Transmission	166	1.0000	166	0.64%	12	Section 3.3.2, Page 17.2, Line 63		
13	Total	24,781		25,761	100.00%	13	Sum Lines 10, 11, 12		
14						14			
15	Non-Concurrent Demand Determinants Pertaining to Customers on Schedules @ 90% NCD Rate					15			
16	with Maximum Demand at the Time of System Peak					16			
17	Secondary	-	1.0457	-	0.00%	17	Section 3.3.2, Page 17.3, Line 97		
18	Primary	205	1.0108	207	14.41%	18	Section 3.3.2, Page 17.3, Line 98		
19	Transmission	1,228	1.0000	1,228	85.59%	19	Section 3.3.2, Page 17.3, Line 99		
20	Total	1,432		1,434	100.00%	20	Sum Lines 17, 18, 19		
21						21			
22	Total Non-Concurrent Demand Determinants Pertaining to Medium-Large Commercial Customers					22			
23	Secondary	21,330	1.0457	22,305	79.02%	23	Sum Lines 3, 10, 17		
24	Primary	4,482	1.0108	4,530	16.05%	24	Sum Lines 4, 11, 18		
25	Transmission	1,393	1.0000	1,393	4.94%	25	Sum Lines 5, 12, 19		
26	Total	27,205		28,228	100.00%	26	Sum Lines 23, 24, 25		
27						27			
28	Maximum On-Peak Period Demand Determinants					28			
29	Summer (May, June, July, August, September)					29			
30	Secondary	8,321	1.0457	8,701	80.89%	30	Section 3.3.2, Page 17.2, Line 71		
31	Primary	1,902	1.0108	1,923	17.88%	31	Section 3.3.2, Page 17.2, Line 72		
32	Transmission	132	1.0000	132	1.23%	32	Section 3.3.2, Page 17.2, Line 73		
33	Total	10,355		10,756	100.00%	33	Sum Lines 30, 31, 32		
34	Winter (October, November, December, January, February, March, April)					34			
35	Secondary	9,642	1.0457	10,083	80.08%	35	Section 3.3.2, Page 17.2, Line 71		
36	Primary	2,277	1.0108	2,301	18.28%	36	Section 3.3.2, Page 17.2, Line 72		
37	Transmission	207	1.0000	207	1.64%	37	Section 3.3.2, Page 17.2, Line 73		
38	Total	12,126		12,592	100.00%	38	Sum Lines 35, 36, 37		
39						39			
40	Maximum Demand at the Time of System Peak Determinants					40			
41	Summer (May, June, July, August, September)					41			
42	Secondary	-	1.0457	-	0.00%	42	Section 3.3.2, Page 17.3, Line 107		
43	Primary	69	1.0108	69	15.43%	43	Section 3.3.2, Page 17.3, Line 108		
44	Transmission	380	1.0000	380	84.57%	44	Section 3.3.2, Page 17.3, Line 109		
45	Total	448		449	100.00%	45	Sum Lines 42, 43, 44		
46	Winter (October, November, December, January, February, March, April)					46			
47	Secondary	-	1.0457	-	0.00%	47	Section 3.3.2, Page 17.3, Line 107		
48	Primary	83	1.0108	84	13.21%	48	Section 3.3.2, Page 17.3, Line 108		
49	Transmission	552	1.0000	552	86.79%	49	Section 3.3.2, Page 17.3, Line 109		
50	Total	635		636	100.00%	50	Sum Lines 47, 48, 49		
51						51			
52	Forecast Demand Determinants for Standby Customers					52			
53	Contracted Demand Determinants					53			
54	Secondary	118	1.0457	123	6.03%	54	Section 3.3.2, Page 17.3, Line 114		
55	Primary	1,206	1.0108	1,219	59.55%	55	Section 3.3.2, Page 17.3, Line 115		
56	Transmission	705	1.0000	705	34.42%	56	Section 3.3.2, Page 17.3, Line 116		
57	Total	2,029		2,047	100.00%	57	Sum Lines 54, 55, 56		



Section 3.3.2 San Diego Gas & Electric FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014														
Line No	Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
46	Non-Coincident Demand (%)													
47	% @ Secondary Service	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%
48	% @ Primary Service	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4320%
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
50														
51	Non-Coincident Demand (MW)													
52	MW @ Secondary Service	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	61.099	862.635
53	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
54	Non-Coincident Demand @ Transmission Level	78.267	77.967	67.585	78.965	78.360	76.187	77.292	78.338	80.682	72.459	72.063	63.892	902.057
55														
56	MW @ Primary Service	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	5.868	129.511
57	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080
58	Non-Coincident Demand @ Transmission Level	13.215	12.355	8.727	10.013	14.487	10.935	7.241	10.830	14.185	11.978	11.015	5.931	130.910
59														
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61	Non-Coincident Demand @ Meter Level	87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	66.967	992.146
62	Non-Coincident Demand @ Transmission Level	91.482	90.321	76.312	88.978	92.847	87.122	84.533	89.168	94.867	84.437	83.078	69.823	1,032.967
63														
64														
65	Schedules AI-TOU / AY-TOU / DG-R:													
66	Applicable to 90% NCD - Total Deliveries (MWh)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
67														
68	Total Deliveries (%)													
69	% @ Secondary Service	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%
70	% @ Primary Service	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%
71	% @ Transmission Service	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
73	Total Deliveries (MWh)													
74	MWh @ Secondary Service	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704
75	MWh @ Primary Service	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015
76	MWh @ Transmission Service	9,476	6,407	4,460	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601
77		770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
78														
79	Non-Coincident Demand (%)													
80	% @ Secondary Service	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%
81	% @ Primary Service	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2139%
82	% @ Transmission Service	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%
83														
84	Non-Coincident Demand (MW)													
85	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
86	Transmission Level Adjustment Factor	1.0457	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570
87	Non-Coincident Demand @ Transmission Level	1,708,423	1,719,857	1,517,662	1,727,245	1,897,780	1,814,706	1,772,915	1,846,118	2,041,592	1,957,415	1,805,296	1,593,761	21,402,770
88														
89	MW @ Primary Service	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
90	Transmission Level Adjustment Factor	1.0108	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080	1.01080
91	Non-Coincident Demand @ Transmission Level	336,058	375,290	282,320	326,446	364,855	350,083	331,359	360,475	430,391	384,548	328,503	322,010	4,192,338

Section 3.3.2

San Diego Gas & Electric  
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014

Line No	Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
92														
93	MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	-84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
94	Non-Concurrent Demand @ Meter Level	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
95	Non-Concurrent Demand @ Transmission Level	2,055,899	2,108,178	1,806,386	2,060,182	2,273,009	2,080,738	2,206,056	2,224,838	2,501,901	2,369,338	2,107,713	1,966,546	25,760,785
96														
97	On-Peak Demand (%)													
98	% @ Secondary Service	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
99	% @ Primary Service	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
100	% @ Transmission Service	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
101														
102	On-Peak Demand (MW)													Total
103	MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
104	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
105	On-Peak Demand @ Transmission Level	1,358,300	1,390,099	1,211,221	1,412,160	1,653,550	1,712,258	1,658,427	1,740,429	1,936,116	1,865,575	1,568,157	1,277,567	18,783,858
106														
107	MW @ Primary Service	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
108	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
109	On-Peak Demand @ Transmission Level	320,499	366,797	268,791	314,673	359,224	366,088	349,760	382,292	465,569	407,239	290,254	333,226	4,224,412
110														
111	MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
112	On-Peak Demand @ Meter Level	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
113	On-Peak Demand @ Transmission Level	1,706,154	1,784,636	1,503,656	1,746,552	2,034,579	1,999,074	2,134,606	2,151,039	2,436,413	2,311,418	1,861,912	1,677,293	23,347,332
114														
115														
116	Schedule A6-TOU:													Total
117	Total Deliveries (MWh)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
118														
119	Total Deliveries (%)													
120	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
121	% @ Primary Service	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
122	% @ Transmission Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
123		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
124	Total Deliveries (MWh)													
125	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
126	MWh @ Primary Service	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
127	MWh @ Transmission Service	62,776	57,743	53,851	60,673	53,786	55,285	50,082	60,736	55,870	60,186	53,601	51,374	675,964
128		70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
129	Non-Concurrent Demand (%)													
130	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
131	% @ Primary Service	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
132	% @ Transmission Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
133														
134	Non-Concurrent Demand (MW)													
135	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
136	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
137	Non-Concurrent Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



Section 3.3.2		San Diego Gas & Electric												
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014														
Line No		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
138														
139	MW @ Primary Service	16,939	18,705	13,165	15,076	21,161	12,811	13,083	17,569	20,667	19,005	18,653	17,714	204,549
140	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	
141	Non-Concurrent Demand @ Transmission Level	17,122	18,907	13,307	15,239	21,390	12,950	13,225	17,759	20,890	19,210	18,855	17,905	206,758
142														
143	MW @ Transmission Service	115,884	101,628	90,578	106,360	111,337	108,359	101,718	103,312	109,729	97,983	90,478	90,265	1,227,629
144	Non-Concurrent Demand @ Meter Level	132,823	120,333	103,742	121,436	132,498	121,171	114,801	120,881	130,396	116,988	109,131	107,979	1,432,178
145	Non-Concurrent Demand @ Transmission Level	133,006	120,535	103,885	121,598	132,726	121,309	114,942	121,071	130,619	117,193	109,333	108,170	1,434,387
146														
147	Coincident Peak Demand (%)													
148	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
149	% @ Primary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
150	% @ Transmission Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
151														
152	Coincident Peak Demand (MW)	W	W	W	W	W	S	S	S	S	W	W	W	Total
153	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
154	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457
155	Coincident Peak Demand @ Transmission Level	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
156														
157	MW @ Primary Service	9,763	15,266	5,457	4,272	13,027	8,180	15,146	16,911	15,290	12,941	17,223	18,139	151,617
158	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
159	Coincident Peak Demand @ Transmission Level	9,869	15,431	5,516	4,319	13,168	8,269	15,310	17,093	15,455	13,081	17,409	18,335	153,255
160														
161	MW @ Transmission Service	72,694	83,670	63,652	83,304	76,322	72,590	71,067	83,694	76,263	86,066	83,992	78,192	931,506
162	Coincident Peak Demand @ Meter Level	82,457	98,935	69,109	87,576	89,349	80,770	86,213	100,605	91,553	99,007	101,216	96,331	1,083,123
163	Coincident Peak Demand @ Transmission Level	82,563	99,100	69,168	87,622	89,490	80,858	86,377	100,788	91,718	99,147	101,402	96,527	1,084,760
164	Schedule S: Standby Determinants:	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
165	Contracted Standby Demand (MW)	10,549	10,549	9,938	9,815	9,815	9,715	9,688	9,688	9,688	9,522	9,522	9,542	118,031
166	MW @ Secondary Service	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457	1,0457
167	Transmission Level Adjustment Factor	11.031	11.031	10.392	10.264	10.264	10.159	10.131	10.131	10.131	9.957	9.957	9.978	123,425
168	Standby Demand @ Transmission Level	100,127	100,347	100,196	99,545	99,139	99,749	100,584	100,555	100,931	101,082	101,082	102,798	1,206,135
169														
170	MW @ Primary Service	1,0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108
171	Transmission Level Adjustment Factor	101,208	101,431	101,278	100,620	100,210	100,826	101,670	101,641	102,021	102,174	102,174	103,908	1,219,161
172	Standby Demand @ Transmission Level	59,505	59,399	59,399	59,399	57,588	58,088	57,994	58.4	58,399	58,437	58,437	59,702	704,747
173		170,181	170,295	169,533	168,759	166,542	167,552	168,266	168,643	169,018	169,041	169,041	172,042	2,028,913
174	MW @ Transmission Service	171,744	171,861	171,069	170,283	168,061	169,073	169,795	170,172	170,551	170,568	170,568	173,588	2,047,333
175	Standby Demand @ Meter Level													
176	Standby Demand @ Transmission Level													
177														

San Diego Gas & Electric												
FERC Recorded Period: January 2014 - December 2014												
Line No	1	2	3	4	5	6	7	8	9	10	11	12
Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14
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1	SDG&E: System Delivery Determinants											
2	Customer Class Deliveries (MWh)											
3	660,680	566,308	539,608	504,335	538,158	577,847	622,345	695,789	803,046	688,658	559,881	590,713
4	181,604	164,514	160,901	150,743	168,711	176,841	186,264	192,269	214,707	188,543	173,641	161,968
5	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051
6	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192
7	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497
8	5,658	12,512	5,348	7,801	6,087	10,025	5,580	7,800	10,059	5,597	10,246	7,366
9	13,17	11,87	9,50	0,82	1,11	0,81	2,24	11,36	5,83	4,68	11,30	14,98
10	1,710,394	1,614,000	1,460,539	1,490,183	1,580,823	1,572,541	1,756,363	1,824,625	2,119,389	1,818,280	1,583,014	1,585,803
11												
12												
13	Med. & Large Comm./Ind.											
14	Rate Schedule Billing Determinants											
15												
16	Schedules AD / PA-T-I-											
17	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051
18												
19	Total Deliveries (%)											
20	89.59%	88.05%	93.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	89.26%	88.38%
21	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	11.62%
22	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	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
24	Total Deliveries (MWh)											
25	19,507	20,350	16,387	19,387	21,669	23,074	23,560	24,186	26,329	22,420	21,656	16,838
26	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,527	2,606	2,213
27	0	0	0	0	0	0	0	0	0	0	0	0
28	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051
29	Non-Concurrent Demand (%)											
30	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3157%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%
31	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%
32	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
33	Non-Concurrent Demand (MW)											
34	74,847	74,559	64,631	75,514	74,935	72,858	73,915	74,915	77,156	69,292	68,914	61,099
35	13,074	12,223	8,634	9,906	14,332	10,818	7,163	10,714	14,033	11,850	10,897	5,868
36	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
37	87,920	86,782	73,265	85,420	89,268	83,676	81,078	85,628	91,189	81,143	79,811	66,967
38												
39												

**San Diego Gas & Electric  
FERC Recorded Period: January 2014 - December 2014**

Line No	Line	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
40														
41														
42	Schedules AL-TOU / AX-TOU / DG-R:													
43	Total Deliveries (MWh)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
44														
45	Total Deliveries (%)													
46	% @ Secondary Service	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%
47	% @ Primary Service	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%
48	% @ Transmission Service	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
50	Total Deliveries (MWh)													
51	MWh @ Secondary Service	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704
52	MWh @ Primary Service	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015
53	MWh @ Transmission Service	9,476	6,407	4,460	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601
54		770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
55	Non-Coincident Demand (%)													
56	% @ Secondary Service	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%
57	% @ Primary Service	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2139%
58	% @ Transmission Service	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%
59														
60	Non-Coincident Demand (MW)													
61	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
62	MW @ Primary Service	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
63	MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	-84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
64		1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
65	On-Peak Demand (%)													
66	% @ Secondary Service	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
67	% @ Primary Service	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
68	% @ Transmission Service	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
69														
70	On-Peak Demand (MW)													
71	MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
72	MW @ Primary Service	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
73	MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
74		1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
75														

San Diego Gas & Electric													
FERC Recorded Period: January 2014 - December 2014													
Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
76													
77													
78	Schedule A6-TOU:												
79	Total Deliveries (MWh)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	67,533	70,899	64,039	61,497	790,047
80													
81	Total Deliveries (%)												
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	% @ Primary Service	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	17.27%	15.11%	16.30%	16.46%	14.44%
84	% @ Transmission Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	82.73%	84.89%	83.70%	83.54%	85.56%
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
86	Total Deliveries (MWh)												
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0
88	MWh @ Primary Service	7,522	8,514	7,476	8,755	9,447	8,940	10,367	11,663	10,713	10,438	10,122	114,083
89	MWh @ Transmission Service	62,775	57,743	53,851	60,673	53,786	55,286	50,082	55,870	60,186	53,601	51,374	675,964
90		70,297	66,257	61,327	69,428	63,233	64,226	60,450	67,533	70,899	64,039	61,497	790,047
91	Non-Concurrent Demand (%)												
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
93	% @ Primary Service	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
94	% @ Transmission Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
95													
96	Non-Concurrent Demand (MW)												
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	MW @ Primary Service	16.939	18.705	13.165	15.076	21.161	12.811	13.083	20.667	19.005	18.653	17.714	204.549
99	MW @ Transmission Service	115.884	101.628	90.578	106.360	111.337	108.359	101.718	109.729	97.983	90.478	90.265	1,227.629
100		132.823	120.333	103.742	121.436	132.498	121.171	114.801	130.396	116.988	109.131	107.979	1,452.178
101	Concurrent Peak Demand (%)												
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
103	% @ Primary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
104	% @ Transmission Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
105													
106	Concurrent Peak Demand (MW)												
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108	MW @ Primary Service	9.763	15.266	5.457	4.272	13.027	8.180	15.146	15.290	12.941	17.223	18.139	151.617
109	MW @ Transmission Service	72.694	83.670	63.652	83.304	76.322	72.590	71.067	76.263	86.066	83.992	78.192	931.506
110		82.457	98.935	69.109	87.576	89.349	80.770	86.213	91.553	99.007	101.216	96.331	1,083.123
111													
112	Schedule S: Standby Determinants:												
113	Contracted Standby Demand (MW)												
114	MW @ Secondary Service	10.549	10.549	9.938	9.815	9.815	9.715	9.688	9.688	9.522	9.522	9.542	118.031
115	MW @ Primary Service	100.127	100.347	100.196	99.545	99.139	99.749	100.584	100.931	101.082	101.082	102.798	1,206.135
116	MW @ Transmission Service	59.505	59.399	59.399	59.399	57.588	58.088	57.994	58.4	58.437	58.437	59.702	704.747
117		170.181	170.295	169.533	168.759	166.542	167.552	168.266	169.018	169.041	169.041	172.042	2,028.913
118													

# San Diego Gas & Electric Company

## **Section 3.3.3**

Derivation of CAISO Monthly Cost of Service (COS) Revenues Applicable to the 12-Month True-Up Period (January 2014 – December 2014)

Docket No. ER16-\_\_\_\_-\_\_\_\_

Section 3 3 3														
SAN DIEGO GAS AND ELECTRIC COMPANY														
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation														
SUMMARY of the Total True-Up Revenues (TU Cost of Service)														
For the 12-Month Period January 2014 through December 2014														
True-Up Period (1/1/2014 - 12/31/2014)														
Line No	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
Customer Class	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1 Residential Customers	\$ 23,413,632	\$ 20,069,220	\$ 19,122,993	\$ 17,372,950	\$ 19,071,616	\$ 20,478,124	\$ 22,055,069	\$ 24,657,854	\$ 28,458,883	\$ 24,405,129	\$ 19,841,430	\$ 20,934,099	\$ 260,381,001	Section 3 3 3, Pages 2 & 3, Line 21
2 Small Commercial	5,956,525	5,395,878	5,277,455	4,944,273	5,533,642	5,800,295	6,109,364	6,306,320	7,042,267	6,184,097	5,695,313	5,312,473	69,558,001	Section 3 3 3, Pages 2 & 3, Line 23
3 Med-Lrg C&I @ 100% NCD	912,761	901,179	761,398	387,774	926,381	869,263	843,427	889,671	946,530	842,472	828,908	696,656	10,306,420	Section 3 3 3, Page 4, Line 18
4 Med-Lrg C&I @ 90% NCD	19,695,801	20,013,267	17,153,741	19,591,825	21,602,886	19,773,817	20,841,966	21,065,660	23,639,344	22,328,403	19,908,501	18,630,412	244,205,623	Section 3 3 3, Page 5, Line 30
5 Max On Peak Demand	696,542	728,582	613,871	713,034	3,889,609	3,821,731	4,080,836	4,112,250	4,657,814	943,642	760,130	664,759	25,702,800	Section 3 3 3, Page 6, Line 18
6 Max Dem-Due of System Peak	37,185	44,633	31,152	39,464	228,078	206,079	220,143	256,871	233,756	44,654	45,670	43,474	1,431,158	Section 3 3 3, Page 7, Line 18
7 Total Med-Lrg C&I	21,302,289	21,687,661	18,560,163	21,232,096	26,646,955	24,670,890	25,986,372	26,324,452	29,477,444	24,159,171	21,543,208	20,055,301	281,646,002	Sum Lines 3, 6, 7, 8
8 Street Lighting	137,958	305,081	130,401	190,229	148,427	244,444	136,053	190,196	245,279	136,483	249,829	179,614	2,293,993	Section 3 3 3, Pages 2 & 3, Line 27
9 Standby Revenues	810,262	810,811	807,078	803,367	792,887	797,662	801,067	802,844	804,633	804,713	804,713	818,964	9,659,001	Section 3 3 3, Page 8, Line 18
10 Total True-Up Revenues	\$ 51,620,666	\$ 48,268,751	\$ 43,898,090	\$ 45,042,915	\$ 52,193,527	\$ 51,991,415	\$ 55,087,925	\$ 58,281,667	\$ 66,028,303	\$ 55,689,593	\$ 48,134,493	\$ 47,300,451	\$ 623,537,997	Sum Lines 1, 3, 9, 11, 13
<b>NOTES:</b>														
For the recorded cost of service by customer class from January 2014 - December 2014, the Transmission Rates were based on the 12-month Wholesale True-Up Cost of Service posted on June 15, 2015 as part of the TO4-Cycle 3 Instant Draft Informational Posting. The derived transmission rates at the Transmission Level were then applied to the recorded sales at transmission level from January 2014 - December 2014 in developing the monthly recorded cost of service for the true-up period.														

**Section 3.3.3**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation**  
**SUMMARY of the Total True-Up Revenues (TU Cost of Service)**  
**For the 12-Month Period January 2014 through December 2014**  
**True-Up Period (1/1/2014 - 12/31/2014)**

Line No.	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		Sub-Total
		Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	
1	Residential Customers	690,873,402	-	592,188,787	-	564,268,178	-	527,382,758	-	562,752,184	-	604,254,448	-	3,541,719,756
2	Small Commercial	189,903,773	-	172,032,617	-	168,253,923	-	157,691,513	-	176,421,579	-	184,922,904	-	1,049,166,307
3	Medium-Large Commercial	893,199,539	2,280,387	901,707,397	2,319,034	781,590,711	1,986,583	856,811,123	2,270,758	898,812,209	2,498,583	836,640,585	2,289,170	5,168,768,564
4	Street Lighting	5,916,349	-	13,083,433	-	5,592,268	-	8,158,004	-	6,365,327	-	10,482,997	-	49,598,378
5	Standby Customers	-	171,744	-	171,069	-	170,283	-	168,061	-	169,073	-	1,022,092	
6	TOTAL	1,779,893,062	2,452,131	1,679,012,233	2,490,895	1,519,705,081	2,157,652	1,549,983,397	2,441,041	1,644,358,299	2,666,644	1,636,300,934	2,289,170	9,809,253,006

*Note: The above billing determinants are the recorded determinants from January 2014 through December 2014. The recorded sales are translated from retail to transmission level.*

Line No.	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		Sub-Total
		Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	Derived Wholesale Transmission Rates Energy (kWh)	Demand (kW)	
12	Residential Customers	\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022
13	Small Commercial	\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160
14	Medium-Large Commercial	\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099
15	Street Lighting													
16	Standby Customers													
17	TOTAL													

*Note: The wholesale transmission rates from January 2014 - December 2014 were derived from the Wholesale True-Up Cost of Service of \$623.339 million as shown in section 3.3.1, Cost Statement BK2, page 2 of 2, line 33. of the instant TO4-Cycle 3 posting*

Line No.	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		Sub-Total
		Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	Revenues @ Present Rates Energy (kWh)	Demand (kW)	
21	Residential Customers	\$ 23,413,632		\$ 20,069,220		\$ 19,122,993		\$ 17,872,950		\$ 19,071,616		\$ 20,478,124		\$ 120,028,536
22	Small Commercial	\$ 5,956,525		\$ 5,395,978		\$ 5,277,455		\$ 4,944,273		\$ 5,533,642		\$ 5,800,295		\$ 32,908,167
23	Medium-Large Commercial	\$ -	\$ 21,302,289	\$ -	\$ 21,687,661	\$ -	\$ 18,560,163	\$ -	\$ 21,232,096	\$ -	\$ 26,646,955	\$ -	\$ 24,670,890	\$ -
24	Street Lighting	\$ 137,958		\$ 305,081		\$ 130,401		\$ 190,229		\$ 148,427		\$ 244,444		\$ 1,156,540
25	Standby Customers	\$ 810,262		\$ 810,811		\$ 807,078		\$ 803,367		\$ 792,887		\$ 797,662		\$ 4,822,066
26	TOTAL	\$ 29,308,115	\$ 22,112,551	\$ 25,770,279	\$ 22,498,472	\$ 24,530,850	\$ 19,367,241	\$ 23,007,452	\$ 22,035,464	\$ 24,753,686	\$ 27,439,841	\$ 26,522,863	\$ 25,468,552	\$ 154,093,244
27	Grand Total	\$ 51,620,666		\$ 48,268,751		\$ 43,898,090		\$ 45,042,915		\$ 52,193,527		\$ 51,991,415		\$ 293,015,364

*Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium & Large C-I and Standby Customers where these revenues are derived on pages 4 through 7.*

**Section 3 3 3**  
**SAN DIEGO GAS AND ELECTRIC COMPANY**  
**TO4-Cycle 3 Annual Transmission Forming Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation**  
**SUMMARY of the Total True-Up Revenues (TU Cost of Service)**  
**For the 12-Month Period January 2014 through December 2014**  
**True-Up Period (1/1/2014 - 12/31/2014)**

Line No	Customer Classes	Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		Sub-Total		Grand-Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers	650,785,838	-	727,587,032	-	839,745,203	-	720,129,816	-	585,467,325	-	617,709,047	-	4,141,424,300	-	7,683,144,037	-
2	Small Commercial	194,776,546	-	201,055,831	-	224,519,004	-	197,159,146	-	181,575,911	-	169,370,333	-	1,168,456,770	-	2,217,623,077	-
3	Medium-Large Commercial	975,777,786	2,405,551	961,881,699	2,435,077	1,130,504,985	2,727,386	968,843,579	2,570,968	869,169,079	2,300,124	855,193,356	2,144,539	5,761,369,485	14,583,625	10,930,138,049	28,228,139
4	Street Lighting	5,834,630	-	8,156,580	-	10,518,814	-	5,853,077	-	10,713,938	-	7,702,774	-	48,779,811	-	98,378,189	-
5	Standby Customers	-	169,795	-	170,172	-	170,568	-	170,568	-	170,568	-	175,588	-	1,025,242	-	2,047,333
6	TOTAL	1,827,174,820	2,575,326	1,898,681,161	2,605,249	2,205,288,005	2,897,937	1,891,985,617	2,741,536	1,646,926,252	2,470,692	1,649,974,510	2,318,127	11,120,030,366	15,608,866	20,929,283,372	30,275,473
<i>Note: The above billing determinants are the recorded determinants from January 2014 through December 2014. The recorded rates are translated from retail to transmission level.</i>																	
<i>Note: The wholesale transmission rates from January 2014 - December 2014 were derived from the Wholesale True-Up Cost of Service of \$623.539 million as shown in section 3.3.1, Cost Statement BK2, page 2 of 2, line 35, of the Instant TO4-Cycle 3 posting</i>																	
Line No	Customer Classes	Jul-14		Aug-14		Sep-14		Oct-14		Nov-14		Dec-14		Sub-Total		Grand-Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
12	Residential Customers	\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022	
13	Small Commercial	\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160		\$ 0.0313660160	
14	Medium-Large Commercial	\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099	
15	Street Lighting	\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099		\$ 0.0233181099	
16	Standby Customers																
17	TOTAL	\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022		\$ 0.0338899022	
<i>Note: The above revenues were derived by multiplying the above rates and billing determinants except Medium &amp; Large C-I and Standby Customers where these revenues are derived on pages 4 through 7</i>																	







Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Forming Rate Filing Which Includes the TO4-Cycle 3 True-Up Adjustment Calculator															
SUMMARY of the Total True-Up Revenues (TU Cost of Service)															
For the 12-Month Period January 2014 through December 2014															
True-Up Period (1/1/2014 - 12/31/2014)															
Medium & Large Commercial and Industrial Customer															
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	On-Peak Demand (COW)														
2	Secondary	1,358,300	1,390,098	1,211,221	1,412,160	1,653,550	1,712,258	1,658,427	1,740,429	1,936,116	1,865,575	1,568,157	1,277,567	18,783,858	Section 3.3.3, Page 13.3, Ln. 105 x 1000
3	Primary	320,499	366,798	268,791	314,673	339,224	366,088	349,760	382,292	465,569	407,239	290,254	333,226	4,224,412	Section 3.3.3, Page 13.3, Ln. 109 x 1000
4	Transmission	27,356	27,740	23,644	19,719	21,806	(79,273)	126,420	28,318	34,728	38,603	3,501	66,500	339,062	Section 3.3.3, Page 13.3, Ln. 111 x 1000
5	Total	1,706,154	1,784,636	1,503,656	1,746,552	2,034,579	1,999,074	2,134,606	2,151,039	2,436,413	2,311,418	1,861,912	1,677,293	23,347,332	Sum Lines 2, 3, 4
6	Maximum On-Peak Demand Rates Per (S(KW))														
7	Secondary	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	Section 3.3.3, Page 9, Lines 11&12
8	Primary	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	Section 3.3.3, Page 9, Lines 11&12
9	Transmission	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	\$ 0.4082524472	Section 3.3.3, Page 9, Lines 11&12
10	Revenues @ Calculated Rates														
11	Secondary	\$ 554,329	\$ 567,511	\$ 494,484	\$ 576,518	\$ 846,747	\$ 699,870	\$ 668,654	\$ 730,846	\$ 890,652	\$ 761,626	\$ 640,204	\$ 521,570	\$ 20,750,165	Line 2 x Line 8
12	Primary	\$ 130,844	\$ 149,746	\$ 109,734	\$ 128,466	\$ 136,747	\$ 151,549	\$ 144,683	\$ 154,137	\$ 188,390	\$ 166,257	\$ 118,497	\$ 136,040	\$ 4,615,753	Line 3 x Line 9
13	Transmission	\$ 11,168	\$ 11,325	\$ 9,653	\$ 8,050	\$ 41,687	\$ (151,549)	\$ 241,683	\$ 54,137	\$ 66,390	\$ 75,760	\$ 1,429	\$ 27,149	\$ 336,882	Line 4 x Line 10
14	Total	\$ 696,342	\$ 728,582	\$ 613,871	\$ 713,034	\$ 1,025,181	\$ 892,731	\$ 854,966	\$ 939,120	\$ 1,145,432	\$ 943,642	\$ 760,130	\$ 684,759	\$ 25,702,800	Sum Lines 13, 14, 15
15	Total Revenues @ Calculated Rates	\$ 696,342	\$ 728,582	\$ 613,871	\$ 713,034	\$ 1,025,181	\$ 892,731	\$ 854,966	\$ 939,120	\$ 1,145,432	\$ 943,642	\$ 760,130	\$ 684,759	\$ 25,702,800	Line 16
16	Maximum On-Peak Demand Rates are applicable to the following California Public Utilities Commission (CPUC) tariffs: AY-TOU, AL-TOU, AI-TOU, AI-TOU, AI-TOU-PER and DGR.														

Section 3.3.3																
SAN DIEGO GAS AND ELECTRIC COMPANY																
TO4 Cycle 3 Annual Transmission Formula Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation																
SUMMARY of the Total True-Up Revenues (TU Cost of Service)																
For the 12-Month Period January 2014 through December 2014																
True-Up Period (1/1/2014 - 12/31/2014)																
Medium & Large Commercial and Industrial Customer																
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference	Line No
1	Consolidated Peak Demand (CSDM)															1
2	Secondary															2
3	Primary	9,869	15,431	5,516	4,319	13,168	8,269	15,310	17,093	15,455	13,081	17,409	18,335	153,235	Section 3.3.3, Page 13.4, Ln. 155 x 1000	3
4	Transmission	72,694	83,670	63,652	83,304	76,122	72,590	71,057	83,694	76,263	86,066	83,992	78,192	931,506	Section 3.3.3, Page 13.4, Ln. 159 x 1000	4
5	Total	82,563	99,100	69,168	87,622	89,490	80,858	86,377	100,788	91,718	99,147	101,402	96,527	1,084,760	Section 3.3.3, Page 13.4, Ln. 161 x 1000	5
6	Consolidated Peak Demand Rates Per \$/KW															6
7	Secondary															7
8	Primary	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	Section 3.3.3, Pg. 9 Lines 15 & 16	8
9	Transmission	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	Section 3.3.3, Pg. 9 Lines 15 & 16	9
10	Total	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	\$ 0.4503830942	Section 3.3.3, Pg. 9 Lines 15 & 16	10
11	Revenue @ Calculated Rates															11
12	Secondary															12
13	Primary	\$ 4,445	6,950	2,484	1,945	33,561	21,074	39,019	43,565	39,390	5,891	7,841	8,258	214,422	Line 2, Line 8	13
14	Transmission	32,740	37,683	28,668	37,519	194,517	185,005	181,124	213,306	194,366	38,763	37,829	35,216	1,216,736	Line 3, Line 9	14
15	Total	\$ 37,185	\$ 44,633	\$ 31,152	\$ 39,464	\$ 228,078	\$ 206,079	\$ 220,143	\$ 256,871	\$ 233,756	\$ 44,654	\$ 45,670	\$ 43,474	\$ 1,431,158	Line 4 x Line 10	15
16	Total Revenue @ Calculated Rates	\$ 37,185	\$ 44,633	\$ 31,152	\$ 39,464	\$ 228,078	\$ 206,079	\$ 220,143	\$ 256,871	\$ 233,756	\$ 44,654	\$ 45,670	\$ 43,474	\$ 1,431,158	Sum Lines 13, 14, 15	16
17																17
18																18
1	Maximum Demand Rates at Type of System Peak rates are applicable to the following California Public Utilities Commission (CPUC) tariffs AG-TOU															

Section 3.3.3 SAN DIEGO GAS AND ELECTRIC COMPANY TO4-Cycle 3 Annual Transmission Perruatic Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation SUMMARY of the Total True-Up Revenues (TU Cost of Service) For the 12-Month Period January 2014 through December 2014 True-Up Period (1/1/2014 - 12/31/2014) Standby Customers															
Line No	Description	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Reference
1	Demand - Billing Determinants (KW)														
2	Secondary	11,031	11,031	10,392	10,264	10,264	10,131	10,131	10,131	10,131	9,937	9,937	9,978	123,425	Section 3.3.3, Page 13.4, Ln. 168 x 1000
3	Primary	101,208	101,431	101,278	100,620	100,210	101,641	101,670	101,641	102,021	102,174	102,174	103,908	1,219,161	Section 3.3.3, Page 13.4, Ln. 172 x 1000
4	Transmission	59,505	59,599	59,399	57,488	57,488	58,088	57,994	58,400	58,399	58,437	58,437	59,702	704,747	Section 3.3.3, Page 13.4, Ln. 174 x 1000
5	Total	171,744	171,861	171,069	170,283	169,951	169,793	170,172	170,551	170,538	170,568	170,568	173,588	2,047,233	Sum Lines 2, 3, 4
6	Demand Rates Per (SKW)														
7	Secondary	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	\$ 4,7154133811	Section 3.3.3, Page 9, Line 20
8	Primary	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	\$ 4,719976908	Section 3.3.3, Page 9, Line 20
9	Transmission	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	\$ 4,7180051848	Section 3.3.3, Page 9, Line 20
10	Total	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	\$ 14,133,447	
11	Revenues at Present Rates														
12	Secondary	\$ 52,016	\$ 52,016	\$ 49,003	\$ 48,397	\$ 48,397	\$ 47,904	\$ 47,771	\$ 47,771	\$ 47,771	\$ 46,932	\$ 46,932	\$ 47,051	\$ 582,000	Line 2 x Line 8
13	Primary	\$ 477,501	\$ 478,350	\$ 477,830	\$ 474,725	\$ 472,789	\$ 475,698	\$ 479,542	\$ 479,542	\$ 481,335	\$ 482,055	\$ 482,055	\$ 490,239	\$ 5,752,001	Line 3 x Line 9
14	Transmission	\$ 280,745	\$ 280,745	\$ 280,245	\$ 280,245	\$ 271,700	\$ 274,059	\$ 273,616	\$ 275,532	\$ 275,532	\$ 275,706	\$ 275,706	\$ 281,674	\$ 3,325,000	Line 4 x Line 10
15	Total	\$ 810,262	\$ 810,811	\$ 807,078	\$ 803,367	\$ 792,887	\$ 797,662	\$ 801,067	\$ 802,844	\$ 804,633	\$ 804,713	\$ 804,713	\$ 818,964	\$ 9,659,001	Sum Lines 13, 14, 15
16	Total Revenues at Present Rates	\$ 810,262	\$ 810,811	\$ 807,078	\$ 803,367	\$ 792,887	\$ 797,662	\$ 801,067	\$ 802,844	\$ 804,633	\$ 804,713	\$ 804,713	\$ 818,964	\$ 9,659,001	Line 16



Section 3.3.3															
SAN DIEGO GAS AND ELECTRIC COMPANY															
TO4-Cycle 3 Annual Transmission Formulare Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation															
SUMMARY of the Total True-Up Revenues (TU Cost of Service)															
For the 12-Month Period January 2014 through December 2014															
Billing Determinants @ Transmission Level															
True-Up Period (1/1/2014 - 12/31/2014)															
Line No	Customer Classes	(A) Jan-14		(B) Feb-14		(C) Mar-14		(D) Apr-14		(E) May-14		(F) Jun-14		(G) Sub-Total	
		Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)	Billing Determinants Energy (kWh)	Demand (kW)		
1	Residential Customers <sup>1</sup>	690,873,402		592,188,787		564,268,178		527,382,758		562,752,184		604,254,448		3,541,719,756	1
2															2
3	Small Commercial <sup>2</sup>	189,903,773		172,032,617		168,253,923		157,651,513		176,421,579		184,922,904		1,049,166,307	3
4															4
5	Medium-Large Commercial <sup>3</sup>	893,199,539	2,280,387	901,707,397	2,319,034	781,590,711	1,986,583	856,811,123	2,270,758	898,819,209	2,498,583	836,640,585	2,289,170	5,168,768,564	5
6															6
7	Street Lighting <sup>4</sup>	5,916,349		13,083,433		5,592,268		8,138,004		6,365,327		10,482,997		49,598,378	7
8															8
9	Sale for Resale <sup>5</sup>	13,167		11,870		9,495		821		1,112		805		37,270	9
10															10
11	Standby Customers <sup>6</sup>	171,744			171,861		171,069		170,283		168,061		169,073		11
12															12
13	TOTAL	1,779,906,229	2,452,131	1,679,024,103	2,490,895	1,519,714,576	2,157,652	1,549,984,218	2,441,041	1,644,359,411	2,666,644	1,636,301,739	2,458,243	9,809,290,276	13
14															14
<b>NOTES</b>															
1	See Section 3.3.3, Page 13.1, Line 5 x 1000														
2	See Section 3.3.3, Page 13.1, Line 9 x 1000														
3	See Section 3.3.3, Pages 13.1, 13.2, 13.3, 13.4, (Lines 13, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000														
4	See Section 3.3.3, Page 13.1, Line 25 x 1000														
5	See Section 3.3.3, Page 13.1, Line 27 x 1000														
6	See Section 3.3.3, Page 13.4, Line 176 x 1000														

Section 3 3 3																	
SAN DIEGO GAS AND ELECTRIC COMPANY																	
TO4-Cycle 3 Annual Transmission Formulae Rate Filing Which Includes the TO4 Cycle 3 True-Up Adjustment Calculation																	
SUMMARY of the Total True-Up Revenues (TU Cost of Service)																	
For the 12-Month Period January 2014 through December 2014																	
Billing Determinants @ Transmission Level																	
True-Up Period (1/1/2014 - 12/31/2014)																	
Line No	Customer Classes	(H) Jul-14		(I) Aug-14		(J) Sep-14		(K) Oct-14		(L) Nov-14		(M) Dec-14		(N) Sub-Total		(O) Grand Total	
		Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)	Energy (kWh)	Demand (kW)
1	Residential Customers <sup>1</sup>	650,783,838		727,587,052		839,745,203		720,129,816		585,467,325		617,709,047		4,141,424,300		7,683,144,057	
2																	
3	Small Commercial <sup>2</sup>	194,776,546		201,035,831		224,319,004		197,159,146		181,575,911		169,370,333		1,168,456,770		2,217,629,077	
4																	
5	Medium-Large Commercial <sup>3</sup>	975,777,786		961,881,699		2,435,077		968,843,579		2,570,968		855,192,356		5,761,369,485		10,990,138,049	
6																	
7	Street Lighting <sup>4</sup>	5,834,630		8,156,380		10,518,814		5,853,077		10,713,938		7,702,774		48,779,811		98,378,189	
8																	
9	Sale for Resale <sup>5</sup>	2,238		11,362		5,832		4,679		11,300		14,983		50,394		87,664	
10																	
11	Standby Customers <sup>6</sup>			169,795		170,172		170,551		170,568		170,568		173,588		1,025,242	
12																	
13	TOTAL	1,827,177,058		1,898,692,523		2,605,249		1,897,937		1,646,937,552		1,645,989,493		11,120,080,760		20,929,371,036	
14																	
NOTES																	
1	See Section 3 3 3, Page 13 1, Line 5 x 1000																
2	See Section 3 3 3, Page 13 1, Line 9 x 1000																
3	See Section 3 3 3, Pages 13 1, 13 2, 13 3, 13 4, (Lines 13, 17, and 21) x 1000, (Lines 62, 95, and 145) x 1000																
4	See Section 3 3 3, Page 13 1, Line 25 x 1000																
5	See Section 3 3 3, Page 13 1, Line 27 x 1000																
6	See Section 3 3 3, Page 13 4, Line 176 x 1000																



Section 3.3.3			
SAN DIEGO GAS AND ELECTRIC COMPANY			
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing Which Includes the TO4 Cycle 3 True-Up			
SUMMARY of the Total True-Up Revenues (TU Cost of Service)			
For the 12-Month Period January 2014 through December 2014			
Total Billing Determinants @ Transmission Level			
True-Up Period (1/1/2014 - 12/31/2014)			
		(M)	
		12 Months to Date	
Line No.	Customer Classes	Billing Determinants @ Transmission Level Energy (kWh)	Transmission Level Demand (kW)
1	Residential Customers	7,683,144,057	-
2			
3	Small Commercial	2,217,623,077	-
4			
5	Medium-Large Commercial	10,930,138,049	28,228,139
6			
7	Street Lighting	98,378,189	-
8			
9	Sale for Resale	87,664	-
10			
11	Standby Customers	-	2,047,333
12			
13	TOTAL	20,929,371,036	30,275,473
14			



Section 3.3.3

San Diego Gas & Electric  
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014

Line No	FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total	Line No
46	Non-Coincident Demand (%)														46
47	% @ Secondary Service	0.3837%	0.3664%	0.3944%	0.3895%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%	47
48	% @ Primary Service	0.5769%	0.4425%	0.7435%	0.5679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4320%	48
49	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	49
50															50
51	Non-Coincident Demand (MW)														51
52	MW @ Secondary Service	74.847	74.559	64.631	75.514	74.935	72.858	73.915	74.915	77.156	69.292	68.914	61.099	862.635	52
53	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	53
54	Non-Coincident Demand @ Transmission Level	78.267	77.967	67.585	78.965	78.360	76.187	77.292	78.338	80.682	72.459	72.063	63.892	902.057	54
55															55
56	MW @ Primary Service	13.074	12.223	8.634	9.906	14.332	10.818	7.163	10.714	14.033	11.850	10.897	5.868	129.511	56
57	Transmission Level Adjustment Factor	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	1.0108	57
58	Non-Coincident Demand @ Transmission Level	13.215	12.355	8.727	10.013	14.487	10.935	7.241	10.830	14.185	11.978	11.015	5.931	130.910	58
59															59
60	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	60
61	Non-Coincident Demand @ Meter Level	87.920	86.782	73.265	85.420	89.268	83.676	81.078	85.628	91.189	81.143	79.811	66.967	992.146	61
62	Non-Coincident Demand @ Transmission Level	91.482	90.321	76.312	88.978	92.847	87.122	84.533	89.168	94.867	84.437	83.078	69.823	1,032.967	62
63															63
64															64
65	Schedules AL-TOU / AY-TOU / DG-R:														65
66	Applicable to 50% NCD - Total Deliveries (MWh)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320	66
67															67
68	Total Deliveries (%)														68
69	% @ Secondary Service	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.93%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%	69
70	% @ Primary Service	20.60%	22.88%	20.21%	21.39%	20.40%	21.41%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%	70
71	% @ Transmission Service	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%	71
72		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	72
73	Total Deliveries (MWh)														73
74	MWh @ Secondary Service	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704	74
75	MWh @ Primary Service	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015	75
76	MWh @ Transmission Service	9,476	6,407	4,460	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601	76
77		770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320	77
78															78
79	Non-Coincident Demand (%)														79
80	% @ Secondary Service	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%	80
81	% @ Primary Service	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2233%	0.2143%	0.2148%	0.1982%	0.2220%	0.2325%	0.1981%	0.2139%	81
82	% @ Transmission Service	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%	82
83															83
84	Non-Coincident Demand (MW)														84
85	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409	85
86	Transmission Level Adjustment Factor	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	1.0457	86
87	Non-Coincident Demand @ Transmission Level	1,708,423	1,719,857	1,517,661	1,727,245	1,897,780	1,814,706	1,772,915	1,846,118	2,041,592	1,957,415	1,805,296	1,593,761	21,402,770	87

Section 3.3.3

San Diego Gas & Electric  
FERC Recorded Sales @ Transmission Level for the Rate Effective Period: January 2014 - December 2014

Line No	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
88													
89	332,468	371,280	279,304	322,958	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
90	1,0108	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080
91	336,058	375,290	282,320	326,446	364,855	350,084	331,360	360,475	430,391	384,548	328,503	322,010	4,192,339
92													
93	11,418	13,031	6,405	6,492	10,375	84,052	101,782	18,245	29,918	27,376	-26,086	50,774	165,677
94	1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
95	2,055,899	2,108,178	1,806,386	2,060,182	2,273,009	2,080,738	2,206,056	2,224,838	2,501,901	2,369,338	2,107,713	1,966,546	25,760,785
96													
97													
98	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
99	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
100	0.2887%	0.4330%	0.5301%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
101													
102	W	W	W	W	W	W	W	W	W	W	W	W	Total
103	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,637,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
104	1,0457	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570
105	1,358,300	1,390,098	1,211,221	1,412,160	1,653,550	1,712,258	1,658,427	1,740,429	1,936,116	1,865,575	1,568,157	1,277,567	18,783,858
106													
107	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
108	1,0108	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080	1,01080
109	320,499	366,798	268,791	314,673	359,224	366,088	349,760	382,292	465,569	407,239	290,254	333,226	4,224,412
110													
111	27,356	27,740	23,644	19,719	21,806	-79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
112	1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
113	1,706,154	1,784,636	1,503,656	1,746,552	2,034,579	1,999,074	2,134,606	2,151,039	2,436,413	2,311,418	1,861,912	1,677,293	23,347,332
114													
115													
116													Total
117	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
118													
119													
120	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
121	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
122	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
123	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
124													
125	0	0	0	0	0	0	0	0	0	0	0	0	0
126	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
127	62,776	57,743	53,851	60,673	53,786	55,285	50,082	60,736	55,870	60,186	53,601	51,374	675,964
128	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
129													
130	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
131	0.2522%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
132	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%



**San Diego Gas & Electric  
FERC Recorded Period: January 2014 - December 2014**

Line No	System Delivery Determinants	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
1	SDG&E System Delivery Determinants													
2														
3	Customer Class Deliveries (MWh)													
4	Residential	660,680	566,308	539,608	504,335	538,158	577,847	622,345	695,789	803,046	688,658	559,881	590,713	7,347,369
5	Small Commercial	181,604	164,514	160,901	150,743	168,711	176,841	186,264	192,269	214,707	188,543	173,641	161,968	2,120,707
6	Med & Large Comm /Ind (AD + PA-T-1)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
7	Med & Large Comm /Ind (AL + AY + DGR)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
8	Med & Large Comm /Ind (A6)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
9	Lighting	5,658	12,512	5,348	7,801	6,087	10,025	5,580	7,800	10,509	5,597	10,246	7,366	94,079
10	Sale for Resale	13,17	11,87	9,50	8,82	1,11	0,81	2,24	1,36	5,83	4,68	11,30	14,98	87,56
11	Total System	1,710,394	1,614,000	1,460,539	1,490,183	1,580,823	1,572,541	1,756,363	1,824,625	2,119,389	1,818,280	1,583,014	1,585,803	20,115,954
12														
13	Med & Large Comm /Ind													
14	Rate Schedule Billing Determinants													
15														
16	Schedules AD / PA-T-1													
17	Total Deliveries (MWh)	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
18														
19	Total Deliveries (%)													
20	% @ Secondary Service	89.59%	88.05%	99.38%	87.81%	88.53%	90.15%	91.69%	88.44%	89.38%	89.87%	89.26%	88.38%	89.49%
21	% @ Primary Service	10.41%	11.95%	6.62%	12.19%	11.47%	9.85%	8.31%	11.56%	10.62%	10.13%	10.74%	11.62%	10.51%
22	% @ Transmission Service	0.00%	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		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
24	Total Deliveries (MWh)	19,507	20,350	16,387	19,387	21,669	23,074	23,560	24,186	26,329	22,420	21,656	16,838	255,361
25	MWh @ Secondary Service	2,266	2,762	1,161	2,692	2,807	2,521	2,136	3,162	3,128	2,527	2,606	2,213	29,982
26	MWh @ Primary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
27	MWh @ Transmission Service	21,773	23,112	17,548	22,079	24,476	25,595	25,696	27,348	29,457	24,946	24,261	19,051	285,343
28														
29	Non-Contingent Demand (%)													
30	% @ Secondary Service	0.3837%	0.3664%	0.3944%	0.3859%	0.3458%	0.3158%	0.3137%	0.3097%	0.2930%	0.3091%	0.3182%	0.3629%	0.3378%
31	% @ Primary Service	0.5769%	0.4425%	0.7435%	0.3679%	0.5107%	0.4291%	0.3353%	0.3388%	0.4486%	0.4690%	0.4182%	0.2651%	0.4320%
32	% @ Transmission Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
33														
34	Non-Contingent Demand (MW)													
35	MW @ Secondary Service	74,847	74,559	64,631	75,514	74,935	72,858	73,915	74,915	77,156	69,292	68,914	61,099	862,635
36	MW @ Primary Service	13,074	12,223	8,634	9,906	14,332	10,818	7,163	10,714	14,033	11,850	10,897	5,868	129,511
37	MW @ Transmission Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38		87,920	86,782	73,265	85,420	89,268	83,676	81,078	85,628	91,189	81,143	79,811	66,967	992,146
39														
40														
41														
42	Schedules AL-TOU / AY-TOU / DG-R:													
43	Total Deliveries (MWh)	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
44														
45	Total Deliveries (%)													
46	% @ Secondary Service	78.17%	76.30%	79.13%	78.30%	78.99%	86.91%	73.99%	79.02%	76.83%	78.06%	84.12%	74.59%	78.56%
47	% @ Primary Service	20.60%	22.88%	20.21%	21.99%	20.40%	17.87%	17.87%	19.99%	21.60%	20.41%	17.14%	21.58%	20.46%
48	% @ Transmission Service	1.23%	0.82%	0.66%	0.31%	0.61%	-8.32%	8.20%	0.99%	1.57%	1.53%	-1.26%	3.83%	0.99%
49		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
50	Total Deliveries (MWh)	602,197	596,120	534,759	576,128	616,245	624,020	632,861	656,296	764,136	655,417	631,687	555,839	7,445,704
51	MWh @ Secondary Service	158,696	178,758	136,579	157,387	159,152	153,725	152,972	166,026	214,829	171,369	128,710	160,812	1,939,015
52	MWh @ Primary Service	9,476	6,407	4,460	2,281	4,759	-59,738	70,194	8,222	15,615	12,846	-9,462	28,541	93,601
53	MWh @ Transmission Service	770,368	781,284	675,798	735,796	780,156	718,007	856,027	830,545	994,581	839,632	750,935	745,192	9,478,320
54														
55	Non-Contingent Demand (%)													
56	% @ Secondary Service	0.2713%	0.2759%	0.2714%	0.2867%	0.2945%	0.2781%	0.2679%	0.2690%	0.2555%	0.2856%	0.2733%	0.2742%	0.2749%
57	% @ Primary Service	0.2095%	0.2077%	0.2045%	0.2052%	0.2268%	0.2253%	0.2143%	0.2148%	0.1982%	0.2220%	0.2525%	0.1981%	0.2159%
58	% @ Transmission Service	0.1205%	0.2034%	0.1436%	0.2846%	0.2180%	0.1407%	0.1450%	0.2219%	0.1916%	0.2131%	0.2757%	0.1779%	0.1770%
59														
60	Non-Contingent Demand (MW)													

**San Diego Gas & Electric  
FERC Recorded Period: January 2014 - December 2014**

Line No	Line	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
61	MW @ Secondary Service	1,633,760	1,644,695	1,451,335	1,651,760	1,814,842	1,735,399	1,695,434	1,765,437	1,952,369	1,871,870	1,726,400	1,524,110	20,467,409
62	MW @ Primary Service	332,468	371,280	279,304	322,938	360,956	346,343	327,819	356,624	425,792	380,439	324,993	318,569	4,147,545
63	MW @ Transmission Service	11,418	13,031	6,405	6,492	10,375	84,052	101,782	18,245	29,918	27,376	25,086	50,774	165,677
64		1,977,646	2,029,006	1,737,044	1,981,209	2,186,173	1,997,690	2,125,034	2,140,306	2,408,079	2,279,685	2,025,307	1,893,453	24,780,631
65	On-Peak Demand (%)													
66	% @ Secondary Service	0.2157%	0.2230%	0.2166%	0.2344%	0.2566%	0.2624%	0.2506%	0.2536%	0.2423%	0.2722%	0.2374%	0.2198%	0.2413%
67	% @ Primary Service	0.1998%	0.2030%	0.1947%	0.1978%	0.2233%	0.2356%	0.2262%	0.2278%	0.2144%	0.2351%	0.2231%	0.2050%	0.2155%
68	% @ Transmission Service	0.2887%	0.4330%	0.5501%	0.8645%	0.4582%	0.1327%	0.1801%	0.3444%	0.2224%	0.3005%	-0.0370%	0.2330%	0.3622%
69														
70	On-Peak Demand (MW)													
71	MW @ Secondary Service	1,298,938	1,329,347	1,158,288	1,350,444	1,581,285	1,657,428	1,585,949	1,664,368	1,851,503	1,784,044	1,499,624	1,221,733	17,962,951
72	MW @ Primary Service	317,074	362,878	265,919	311,311	355,386	362,177	346,023	378,207	460,594	402,888	287,153	329,665	4,179,275
73	MW @ Transmission Service	27,356	27,740	23,644	19,719	21,806	79,273	126,420	28,318	34,728	38,603	3,501	66,500	339,062
74		1,643,369	1,719,966	1,447,850	1,681,474	1,958,477	1,920,332	2,058,391	2,070,893	2,346,824	2,225,536	1,790,278	1,617,899	22,481,289
75														
76														
77														
78	Schedule A6-TOTL													
79	Total Deliveries (MWh)	70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
80														
81	Total Deliveries (%)													
82	% @ Secondary Service	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	% @ Primary Service	10.70%	12.85%	12.19%	12.61%	14.94%	13.92%	17.15%	14.29%	17.27%	15.11%	16.30%	16.46%	14.44%
84	% @ Transmission Service	89.30%	87.15%	87.81%	87.39%	85.06%	86.08%	82.85%	85.71%	82.73%	84.89%	83.70%	83.54%	85.56%
85		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
86	Total Deliveries (MWh)													
87	MWh @ Secondary Service	0	0	0	0	0	0	0	0	0	0	0	0	0
88	MWh @ Primary Service	7,522	8,514	7,476	8,755	9,447	8,940	10,367	10,126	11,663	10,713	10,438	10,122	114,083
89	MWh @ Transmission Service	62,775	57,743	53,851	60,673	53,786	55,286	50,082	60,736	55,870	60,186	53,601	51,374	675,964
90		70,297	66,257	61,327	69,428	63,233	64,226	60,450	70,862	67,533	70,899	64,039	61,497	790,047
91	Non-Contingent Demand (%)													
92	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
93	% @ Primary Service	0.2252%	0.2197%	0.1761%	0.1722%	0.2240%	0.1433%	0.1262%	0.1735%	0.1772%	0.1774%	0.1787%	0.1750%	0.1793%
94	% @ Transmission Service	0.1846%	0.1760%	0.1682%	0.1753%	0.2070%	0.1960%	0.2031%	0.1701%	0.1964%	0.1628%	0.1688%	0.1757%	0.1816%
95														
96	Non-Contingent Demand (MW)													
97	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	MW @ Primary Service	16,939	18,705	13,165	15,076	21,161	12,811	13,083	17,569	20,667	19,005	18,653	17,714	204,549
99	MW @ Transmission Service	115,884	101,628	90,578	106,360	111,337	108,359	101,718	103,312	109,722	97,983	90,478	90,265	1,227,622
100		132,823	120,333	103,742	121,436	132,498	121,171	114,801	120,881	130,396	116,988	109,131	107,979	1,432,178
101	Contingent Peak Demand (%)													
102	% @ Secondary Service	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%
103	% @ Primary Service	0.1298%	0.1793%	0.0730%	0.0488%	0.1379%	0.0915%	0.1461%	0.1670%	0.1311%	0.1208%	0.1650%	0.1792%	0.1329%
104	% @ Transmission Service	0.1158%	0.1449%	0.1182%	0.1373%	0.1419%	0.1313%	0.1419%	0.1378%	0.1365%	0.1430%	0.1567%	0.1522%	0.1378%
105														
106	Contingent Peak Demand (MW)													
107	MW @ Secondary Service	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
108	MW @ Primary Service	9,763	15,266	5,457	4,272	13,027	8,180	15,146	16,911	15,290	12,941	17,223	18,139	151,617
109	MW @ Transmission Service	72,694	83,670	63,652	83,304	76,322	72,590	71,067	83,694	76,263	86,066	83,992	78,192	931,506
110		82,457	98,935	69,109	87,576	89,349	80,770	86,213	100,605	91,553	99,007	101,216	96,331	1,083,123
111														
112	Schedule S: Standby Determinants													
113	Contracted Standby Demand (MW)													
114	MW @ Secondary Service	10,549	10,549	9,938	9,815	9,815	9,715	9,688	9,688	9,688	9,522	9,522	9,542	118,031
115	MW @ Primary Service	100,127	100,347	100,196	99,545	99,139	99,749	100,584	100,555	100,931	101,082	101,082	102,798	1,206,135
116	MW @ Transmission Service	59,505	59,399	59,399	57,588	58,088	57,994	58,437	58,329	58,329	58,437	58,437	59,702	704,747
117		170,181	170,295	169,533	168,759	167,552	168,266	168,643	169,018	169,018	169,041	169,041	172,042	2,028,913
118														

# San Diego Gas & Electric Company

## **Section 4.1.1**

### Summary of CAISO-WHOLESALE TO4 Cycle 2 4-Month Interest True-Up Adjustment

Docket No. ER16-\_\_\_\_-\_\_\_\_



**Section 4.1.1**  
**San Diego Gas and Electric Company**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 2 - CAISO Wholesale**

Line No.	(a) <sup>b</sup> Jan-14	(b) <sup>b</sup> Feb-14	(c) <sup>b</sup> Mar-14	(d) <sup>b</sup> Apr-14	(e) <sup>b</sup> May-14	(f) <sup>b</sup> Jun-14	(g) <sup>b</sup> Jul-14	(h) <sup>b</sup> Aug-14
1	\$ 4,711,365	\$ 4,724,557	\$ 4,736,335	\$ 4,749,527	\$ 4,762,351	\$ 4,775,650	\$ 4,788,474	\$ 4,801,882
2								
5								
6								
7								
8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13								
14								
15								
16	\$ 4,711,365	\$ 4,711,365	\$ 4,711,365	\$ 4,749,527	\$ 4,749,527	\$ 4,749,527	\$ 4,788,474	\$ 4,788,474
17	0	0	0	0	0	0	0	0
18	4,711,365	4,711,365	4,711,365	4,749,527	4,749,527	4,749,527	4,788,474	4,788,474
19	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
20	\$ 13,192	\$ 11,778	\$ 13,192	\$ 12,824	\$ 13,299	\$ 12,824	\$ 13,408	\$ 13,408
21								
22	\$ 4,724,557	\$ 4,736,335	\$ 4,749,527	\$ 4,762,351	\$ 4,775,650	\$ 4,788,474	\$ 4,801,882	\$ 4,815,290
23	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
24	365	365	365	365	365	365	365	365
25	31	31	31	31	31	31	31	31
26	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
27	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%	0.28%
28	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29								
<b>NOTES:</b>								
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column "m" (TU_1 tab) and column "z" (TU_2 tab) is a component of BTRR.							
b	The months indicated in columns (a) through (i) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.							
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).							
d	<b>Monthly Activity Calculated as Follows:</b> a) 1st Month of Quarter = Column A, Line 12 Divided by 2 b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2) c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.							
e	The FERC interest rate information comes from the FERC website.							
f	The Amortization Rate per KWH in column (n), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.							

**Section 4.1.1**  
**San Diego Gas and Electric Company**  
**TO4-Cycle 3 Annual Transmission Formulaic Rate Filing**  
**Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 2 - CAISO Wholesale**

Line No.	(Base Period Following the end of the True-Up Period)	(i) <sup>b</sup> Sep-14	(j) <sup>b</sup> Oct-14	(k) <sup>b</sup> Nov-14	(l) <sup>b</sup> Dec-14	(m) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection <sup>a</sup>	\$ 4,815,290	\$ 4,828,219	\$ 4,841,738	\$ 4,854,774		Previous Month's Ending Balance from Line 22	1
2								2
5	Part A1: Amortization of True-Up Adjustment Balance:							5
6	Total Recorded Consumption kWhs @ Transmission Level	-	-	-	-	-	N/A for January-December 2014	6
7								7
8	Rate per KWH @ Transmission Level <sup>f</sup>	\$ -	\$ -	\$ -	\$ -		N/A for January-December 2014	8
9								9
10	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ -	\$ -	\$ -	\$ -	\$ -	Line 6 x Line 8	10
11								11
12	Net Monthly Collection/(Refunds)	\$ -	\$ -	\$ -	\$ -	\$ -	Minus Line 10 from Columns (a) through (l)	12
13								13
14	Part A2: Calculation of Interest on Remaining TU Balance:							14
15	Interest Expense Calculations:							15
16	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 4,788,474	\$ 4,828,219	\$ 4,828,219	\$ 4,828,219		Balance at Beginning of Quarter	16
17	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	0	0	0	0			17
18	Basis for Interest Expense Calculation	4,788,474	4,828,219	4,828,219	4,828,219		Line 16 + Line 17	18
19	Monthly Interest Rate	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 28 Below	19
20	Interest Expense	\$ 12,929	\$ 13,519	\$ 13,036	\$ 13,519	\$ 156,928	Line 18 x Line 19 - Columns (a) through (l)	20
21								21
22	Ending Balance (Overcollection)/Undercollection	\$ 4,828,219	\$ 4,841,738	\$ 4,854,774	\$ 4,868,293	\$ 4,868,293	Line 1 + Line 12 + Line 20	22
23								23
24	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	24
25	Days in Year <sup>e</sup>	365	365	365	365	365	Number of Days Per Year from FERC Website	25
26	Days in Month <sup>e</sup>	30	31	30	31	365	Number of Days Per Month from FERC Website	26
27	Monthly Interest Rate - Calculated	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 24)/(Line 25)x(Line 26)	27
28	FERC Interest Rates - Website <sup>e</sup>	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website	28
29	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	Line 27 Minus Line 28	29
	<b>NOTES:</b>							
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column "m" (TU_1 tab) and column "z" (TU_2 tab) is a component of BTRR.							
b	The months indicated in columns (a) through (l) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.							
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).							
d	Monthly Activity Calculated as Follows: a) 1st Month of Quarter = Column A, Line 12 Divided by 2 b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2) c) 3rd Month of Quarter = Column A, Line 12 + (Column B, Line 12 + (Column C, Line 12 Divided by 2), Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.							
e	The FERC interest rate information comes from the FERC website.							
f	The Amortization Rate per KWH in column (h), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period.							

**Section 4.1.1  
San Diego Gas and Electric Company  
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 2 - CAISO Wholesale**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(n) \$ Jan-15	(o) \$ Feb-15	(p) \$ Mar-15	(q) \$ Apr-15	(r) \$ May-15	(s) \$ Jun-15	(t) \$ Jul-15
1	Beginning True-Up Adjustment (Overcollection)/Undercollection *	\$ 4,868,293	\$ 4,468,081	\$ 4,094,947	\$ 3,737,279	\$ 3,367,645	\$ 3,004,330	\$ 2,654,021
2								
5	Part A1: Amortization of True-Up Adjustment Balance:							
6	Total Recorded Consumption kWh @ Transmission Level	1,733,598,107	1,609,963,205	1,546,030,420	1,590,756,513	1,561,323,450	1,501,300,792	1,816,880,870
7								
8	Rate per KWH @ Transmission Level <sup>1</sup>	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024
9								
10	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 413,265	\$ 383,792	\$ 368,551	\$ 379,213	\$ 372,197	\$ 357,888	\$ 433,118
11								
12	Net Monthly Collection/(Refunds)	\$ (413,265)	\$ (383,792)	\$ (368,551)	\$ (379,213)	\$ (372,197)	\$ (357,888)	\$ (433,118)
13								
14	Part A2: Calculation of Interest on Remaining TU Balance:							
15	Interest Expense Calculations:							
16	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 4,868,293	\$ 4,868,293	\$ 4,868,293	\$ 4,868,293	\$ 4,868,293	\$ 4,868,293	\$ 4,868,293
17	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(206,633)	(605,161)	(981,333)	(189,607)	(565,312)	(930,354)	(216,559)
18	Basis for Interest Expense Calculation	4,661,661	4,263,132	3,886,961	3,547,673	3,171,968	2,806,925	2,437,462
19	Monthly Interest Rate	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
20	Interest Expense	\$ 13,053	\$ 10,658	\$ 10,883	\$ 9,579	\$ 8,882	\$ 7,579	\$ 6,825
21								
22	Ending Balance (Overcollection)/Undercollection	\$ 4,468,081	\$ 4,094,947	\$ 3,737,279	\$ 3,367,645	\$ 3,004,330	\$ 2,654,021	\$ 2,227,728
23								
24	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
25	Days in Year <sup>e</sup>	365	365	365	365	365	365	365
26	Days in Month <sup>e</sup>	31	28	31	30	31	30	31
27	Monthly Interest Rate - Calculated	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
28	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
29	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<b>NOTES:</b>							
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column "m" (TU_1 tab) and column "z" (TU_2 tab) is a component of BTRR.							
b	The months indicated in columns (a) through (f) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.							
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).							
d	Monthly Activity Calculated as Follows:							
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2							
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)							
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.							
e	The FERC interest rate information comes from the FERC website.							
f	The Amortization Rate per KWH in column (n), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period. This rate is derived by dividing beginning under/overcollection by total estimated consumption for the year.							
g	Indicates Actual Recorded consumption reported for the year.							

**Section 4.1.1  
San Diego Gas and Electric Company  
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of Interest True-Up Adjustment Applicable to TO4-Cycle 2 - CAISO Wholesale**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(u) <sup>g</sup> Aug-15	(v) <sup>g</sup> Sep-15	(w) <sup>b</sup> Oct-15	(x) <sup>b</sup> Nov-15	(y) <sup>b</sup> Dec-15	(z) Total	Reference	Line No.
1	Beginning True-Up Adjustment (Overcollection)/Undercollection <sup>a</sup>	\$ 2,227,728	\$ 1,791,877	\$ 1,315,989	\$ 897,723	\$ 498,552		Previous Month's Ending Balance from Line 22	1
2									2
5	Part A1: Amortization of True-Up Adjustment Balances:								
6	Total Recorded Consumption kWh @ Transmission Level	1,851,833,697	2,013,728,474	1,767,563,538	1,682,338,287		18,675,319,352	Section 4.1.3, Page 1; Line 29 x 1000	5
7									6
8	Rate per KWH @ Transmission Level <sup>f</sup>	\$ 0.00024	\$ 0.00024	\$ 0.00024	\$ 0.00024			Section 4.1.2, Page 1-2; Line 9	7
9									8
10	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 441,451	\$ 480,044	\$ 421,361	\$ 401,045	\$ 499,235	\$ 4,951,160	Line 6 x Line 8	9
11									10
12	Net Monthly Collection/(Refunds)	\$ (441,451)	\$ (480,044)	\$ (421,361)	\$ (401,045)	\$ (499,235)	\$ (4,951,160)	Minus Line 10 from Columns (a) through (i)	11
13									12
14	Part A2: Calculation of Interest on Remaining TU Balance:								13
15	Interest Expense Calculations:								14
16	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 2,654,021	\$ 2,654,021	\$ 1,315,989	\$ 1,315,989	\$ 1,315,989		Balance at Beginning of Quarter	15
17	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(653,844)	(1,114,591)	(210,681)	(621,884)	(1,072,024)			16
18	Basis for Interest Expense Calculation	2,000,178	1,539,430	1,105,309	694,106	243,966			17
19	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		Line 16 + Line 17	18
20	Interest Expense	\$ 5,600	\$ 4,156	\$ 3,095	\$ 1,874	\$ 683	\$ 82,867	FERC Monthly Rates From Line 28 Below Line 18 x Line 19 - Columns (a) through (g) + Column (m)	19
21									20
22	Ending Balance (Overcollection)/Undercollection	\$ 1,791,877	\$ 1,315,989	\$ 897,723	\$ 498,552	\$ -		Line 1 + Line 12 + Line 20	21
23									22
24	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	23
25	Days in Year <sup>e</sup>	365	365	365	365	365		Number of Days Per Year from FERC Website	24
26	Days in Month <sup>e</sup>	31	30	31	30	31		Number of Days Per Month from FERC Website	25
27	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%		(Line 24)/(Line 25)x(Line 26)	26
28	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.27%	0.28%	0.27%	0.28%		Monthly Interest Rate from FERC Website	27
29	Difference	0.00%	0.00%	0.00%	0.00%	0.00%		Line 27 Minus Line 28	28
									29
<b>NOTES:</b>									
a	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column "in" (TU_1 tab) and column "z" (TU_2 tab) is a component of BTRR.								
b	The months indicated in columns (a) through (i) pertain to the 12-month Base Period following the end of the True-Up Period, while columns (n) through (y) pertain to the prior cycle's Rate Effective Period.								
c	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (iii) (B).								
d	Monthly Activity Calculated as Follows:								
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2								
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)								
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.								
e	The FERC interest rate information comes from the FERC website.								
f	The Amortization Rate per KWH in column (h), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period. This rate is derived by dividing beginning under/overcollection by total estimated consumption for the year.								
g	Indicates Actual Recorded consumption reported for the year.								

# San Diego Gas & Electric Company

## **Section 4.1.2**

### Derivation of CAISO-WHOLESALE TO4 Cycle 2 4-Month Interest True-Up Adjustment Amortization Rate

Docket No. ER16-\_\_\_\_-\_\_\_\_

Section 4.1.2  
 San Diego Gas and Electric Company  
 TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
 Derivation of Amortization Rate for TO4-Cycle 2 4-Month True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(b) <sup>1</sup> Jan-15	(c) <sup>1</sup> Feb-15	(d) <sup>1</sup> Mar-15	(e) <sup>1</sup> Apr-15	(f) <sup>1</sup> May-15	(g) <sup>1</sup> Jun-15	(h) <sup>1</sup> Jul-15	(i) <sup>2</sup> Aug-15
1	<b>Derivation of Amortization Rate for TO4-Cycle 2:</b>									
2	Beginning Balance (Overcollection)/Undercollection	\$ 4,868,293								
3	Includes Accrued Interest from January 2014 - December 2014.									
4										
5	Estimated Consumption Jan 15-Dec 15 @ <i>Transmission Level</i> :	20,421,941,028	1,733,598,107	1,609,963,205	1,546,030,420	1,590,756,513	1,561,323,450	1,501,300,792	1,816,880,870	1,852,270,482
6										
7	Total Consumption (kWh) - <i>Transmission Level</i> :	20,421,941,028								
8										
9	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00024								
10										
	<b>NOTES:</b>									
1	Indicates Actual Recorded consumption reported for the year.									
2	Indicates Forecasted consumption for the year.									
3	Per TO3 Formula Appendix VIII, the Amortization Rate is to be comprised of 7 months Actual consumption and 5 months Forecasted consumption. This workpaper was also included in the September 1 Informational Posting.									

Section 4.1.2  
San Diego Gas and Electric Company  
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of Amortization Rate for TO4-Cycle 2 4-Month True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(i) <sup>2</sup> Sep-15	(k) <sup>2</sup> Oct-15	(l) <sup>2</sup> Nov-15	(m) <sup>2</sup> Dec-15	Reference	Line No.
1	<b>Derivation of Amortization Rate for TO4-Cycle 2:</b>							1
2	Beginning Balance (Overcollection)/Undercollection	\$ 4,868,293					Section 4.1.1; Pg. 2.A; Line 22	2
3	Includes Accrued Interest from January 2014 - December 2014.						TO4-Cycle 3 Instant Filing:	3
4							TU Adjustment + Interest	4
5	Estimated Consumption Jan 15-Dec 15 @ <i>Transmission Level</i> :	20,421,941,028	2,021,474,874	1,767,563,538	1,682,338,287	1,738,440,491	(Page 3; Line 29) X 1,000	5
6								6
7	Total Consumption (kWh) - <i>Transmission Level</i> :	20,421,941,028					Line 5	7
8								8
9	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00024					Line 2 / Line 7	9
10								10
<b>NOTES:</b>								
1	Indicates Actual Recorded consumption reported for the year.							
2	Indicates Forecasted consumption for the year.							
3	Per TO3 Formula Appendix VIII, the Amortization Rate is to be comprised of 7 months Actual consumption and 5 months Forecasted consumption. This worksheet was also included in the September 1 Informational Posting.							

SECTION 4.1.2																
San Diego Gas & Electric																
FERC Forecast Consumption Converted from Retail Level to Transmission Level																
FERC Forecast Period: January 2015 - December 2015																
Line No.	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Recorded*	Forecast*	Forecast*	Forecast*	Forecast*	Total
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15				
1	SDG&E System Delivery Determinants															
2	Customer Class Deliveries (MWh)															
3	654,947	535,798	523,755	500,457	505,583	510,494	599,362	684,171	758,524	633,907	595,885	678,987	7,181,869			
4	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570			
5	684,878	560,284	547,691	523,328	528,688	533,824	626,752	715,437	793,188	662,876	623,117	710,016	7,510,081			
6																
7	163,828	151,418	158,556	165,566	155,584	158,613	178,194	181,014	195,377	173,502	162,177	162,528	2,006,357			
8	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570			
9	171,315	158,338	165,802	173,133	162,694	165,862	186,338	189,286	204,306	181,431	169,588	169,956	2,098,048			
10																
11	15,725	19,577	18,431	22,668	19,227	18,904	22,478	27,607	29,148	25,135	21,838	18,862	259,599			
12	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567			
13	16,286	20,275	19,088	23,476	19,913	19,578	23,280	28,592	30,187	26,032	22,617	19,535	268,858			
14																
15	760,858	775,371	714,206	768,825	760,023	713,788	843,724	818,079	883,913	798,693	762,428	737,323	9,337,231			
16	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567			
17	787,996	803,027	739,680	796,247	787,132	739,247	873,818	847,258	915,441	827,181	789,622	763,622	9,670,269			
18																
19	65,129	54,785	63,303	63,332	55,817	34,185	93,800	61,711	67,751	60,046	67,026	64,732	751,618			
20	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567			
21	67,452	56,739	65,561	65,591	57,808	35,404	97,146	63,913	70,167	62,188	69,417	67,041	778,426			
22																
23	5,423	10,807	7,851	8,589	4,867	7,063	9,130	7,445	7,828	7,512	7,628	7,909	92,052			
24	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570			
25	5,671	11,300	8,209	8,982	5,089	7,386	9,547	7,785	8,186	7,856	7,977	8,271	96,258			
26																
27	7.5	0.5	3.4	6.8	4.5	0.6	1.5	3.0	3.2	3.0	3.1	3.2	40.1			
28	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	19,628,727			
29	1,733,598	1,609,963	1,546,030	1,590,757	1,561,323	1,501,301	1,816,881	1,852,270	2,021,475	1,767,564	1,682,338	1,738,440	20,421,941			
	NOTES:															
a	Per TO3 Formula Appendix VIII, the Amortization Rate is derived based on 7 months Actual consumption and 5 months Forecasted consumption. This worksheet was also included in the September 1 Informational Posting.															



# San Diego Gas & Electric Company

## **Section 4.1.3**

Forecast Sales Used for the Derivation of  
CAISO-WHOLESALE TO4 Cycle 2  
4-Month Interest True-Up Adjustment

Docket No. ER16-\_\_\_\_ - \_\_\_\_



# San Diego Gas & Electric Company

## **Section 4.2.1**

### Summary of CAISO-WHOLESALE TO3 Final 17-Month Interest True-Up Adjustment

Docket No. ER16-\_\_\_\_-\_\_\_\_

**Section 4.2.1  
San Diego Gas and Electric Company  
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of Interest True-Up Adjustment Applicable to TO3 Final True-Up - CAISO Wholesale**

Line No.	(n) \$	(o) \$	(p) \$	(q) \$	(r) \$	(s) \$	(t) \$
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
1	\$ 75,603,174	\$ 69,388,000	\$ 63,593,339	\$ 58,038,864	\$ 52,298,549	\$ 46,656,369	\$ 41,216,164
2							
5	1,733,598,107	1,609,965,205	1,546,030,420	1,590,756,513	1,561,323,450	1,501,300,792	1,816,880,870
7							
8	\$ 0.00370	\$ 0.00370	\$ 0.00370	\$ 0.00370	\$ 0.00370	\$ 0.00370	\$ 0.00370
9							
10	\$ 6,417,878	\$ 5,960,174	\$ 5,723,492	\$ 5,889,070	\$ 5,780,107	\$ 5,557,900	\$ 6,726,195
11							
12	\$ (6,417,878)	\$ (5,960,174)	\$ (5,723,492)	\$ (5,889,070)	\$ (5,780,107)	\$ (5,557,900)	\$ (6,726,195)
13							
14							
15							
16	\$ 75,603,174	\$ 75,603,174	\$ 75,603,174	\$ 58,038,864	\$ 58,038,864	\$ 58,038,864	\$ 41,216,164
17	(3,208,939)	(9,397,965)	(15,239,798)	(2,944,535)	(8,779,124)	(14,448,127)	(3,363,098)
18	72,394,235	66,205,209	60,363,376	55,094,329	49,259,741	43,590,737	37,853,067
19	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
20	\$ 202,704	\$ 165,513	\$ 169,017	\$ 148,755	\$ 137,927	\$ 117,695	\$ 105,989
21							
22	\$ 69,388,000	\$ 63,593,339	\$ 58,038,864	\$ 52,298,549	\$ 46,656,369	\$ 41,216,164	\$ 34,595,958
23							
24	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
25	365	365	365	365	365	365	365
26	31	28	31	30	31	30	31
27	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
28	0.28%	0.25%	0.28%	0.27%	0.28%	0.27%	0.28%
29	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29							
<b>NOTES:</b>							
<b>a</b>	The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column 'n' (TU_1 tab) and column 'z' (TU_2 tab) is a component of BTRR.						
<b>b</b>	The months indicated in columns (n) through (y) pertain to the prior cycle's Rate Effective Period.						
<b>c</b>	Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (ii) (B).						
<b>d</b>	<b>Monthly Activity Calculated as Follows:</b>						
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2						
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)						
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2). Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.						
<b>e</b>	The FERC interest rate information comes from the FERC website.						
<b>f</b>	The Amortization Rate per KWH in column (n), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period. This rate is derived by dividing beginning under/overcollection by total estimated consumption for the year.						
<b>g</b>	Indicates Actual Recorded consumption reported for the year.						

**Section 4.2.1  
San Diego Gas and Electric Company  
TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
Derivation of Interest True-Up Adjustment Applicable to TO3 Final True-Up - CAISO Wholesale**

Line No.	Rate Effective Period from Prior Cycle 2 Filing	(d) <sup>g</sup> Aug-15	(v) <sup>g</sup> Sep-15	(w) <sup>b</sup> Oct-15	(x) <sup>b</sup> Nov-15	(y) <sup>b</sup> Dec-15	(z) Total	Reference	Line No.
1	<b>Beginning True-Up Adjustment (Overcollection)/Undercollection<sup>a</sup></b>	\$ 34,595,958	\$ 27,827,332	\$ 20,436,945	\$ 13,941,387	\$ 7,742,380		Previous Month's Ending Balance from Line 22	1
2									2
5	<b>Part A1: Amortization of True-Up Adjustment Balance</b>								5
6	Total Recorded Consumption kWh @ <i>Transmission Level</i>	1,851,835,697	2,013,728,474	1,767,563,538	1,682,338,287		18,675,319,352	Section 4.2.3; Page 1; Line 29 x 1000	6
7									7
8	Rate per KWH @ <i>Transmission Level</i> <sup>f</sup>	\$ 0.00370	\$ 0.00370	\$ 0.00370	\$ 0.00370			Section 4.2.2; Page 1-2; Line 9	8
9									9
10	Amortization of True-Up Adjustment Balance + Accrued Interest	\$ 6,855,600	\$ 7,454,936	\$ 6,543,620	\$ 6,228,111	\$ 7,752,988	\$ 76,890,071	Line 6 x Line 8	10
11									11
12	Net Monthly Collection (Refunds)	\$ (6,855,600)	\$ (7,454,936)	\$ (6,543,620)	\$ (6,228,111)	\$ (7,752,988)	\$ (76,890,071)	Minus Line 10 from Columns (a) through (l)	12
13									13
14	<b>Part A2: Calculation of Interest on Remaining TU Balance:</b>								14
15	Interest Expense Calculations:								15
16	Beginning Balance for Interest Calculation <sup>e</sup>	\$ 41,216,164	\$ 41,216,164	\$ 20,436,945	\$ 20,436,945	\$ 20,436,945		Balance at Beginning of Quarter	16
17	Monthly Activity Included in Interest Calculation Basis <sup>d</sup>	(10,153,995)	(17,309,263)	(3,271,810)	(9,657,676)	(16,648,225)			17
18	Basis for Interest Expense Calculation	31,062,169	23,906,901	17,165,135	10,779,270	3,788,720		Line 16 + Line 17	18
19	Monthly Interest Rate	0.28%	0.27%	0.28%	0.27%	0.28%		FERC Monthly Rates From Line 28 Below	19
20	Interest Expense	\$ 86,974	\$ 64,549	\$ 48,062	\$ 29,104	\$ 10,608	\$ 1,286,897	Line 18 x Line 19 - Columns (n) through (y) + Column (m)	20
21									21
22	Ending Balance (Overcollection)/Undercollection	\$ 27,827,332	\$ 20,436,945	\$ 13,941,387	\$ 7,742,380	\$ -	\$ -	Line 1 + Line 12 + Line 20	22
23									23
24	FERC INTEREST RATE <sup>e</sup>	3.25%	3.25%	3.25%	3.25%	3.25%		Annual Interest Rate from FERC Website	24
25	Days in Year <sup>e</sup>	365	365	365	365	365	365	Number of Days Per Year from FERC Website	25
26	Days in Month <sup>e</sup>	31	30	31	30	31	31	Number of Days Per Month from FERC Website	26
27	Monthly Interest Rate - Calculated	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	(Line 24)/(Line 25)(Line 26)	27
28	FERC Interest Rates - Website <sup>e</sup>	0.28%	0.27%	0.28%	0.27%	0.28%	3.29%	Monthly Interest Rate from FERC Website	28
29	Difference	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Line 27 Minus Line 28	29
	<b>NOTES:</b>								
	<b>a</b> The (overcollection)/undercollection balance in column (a), line 1, comes from the prior year's True-Up Adjustment calculation. The Interest True-Up Adjustment accrues interest on the unamortized balance of the True-Up Adjustment from the end of the True-Up Period through the end of the prior cycle's Rate Effective Period. SDG&E follows a convention of fully amortizing the True-Up Adjustment plus accrued interest at the end of the Rate Effective Period. The total Interest True-Up Adjustment amount, as shown on line 20, sum of column "n" (TU_1 tab) and column "z" (TU_2 tab) is a component of BTRR.								
	<b>b</b> The months indicated in columns (n) through (y) pertain to the prior cycle's Rate Effective Period.								
	<b>c</b> Beginning Balance for Interest Calculation Remains Constant for each 3 Month Quarter as Interest is Compounded Quarterly on these amounts pursuant to FERC Interest Methodology - per 18 CFR Section 35.19 (2) (ii) (B).								
	<b>d</b> <b>Monthly Activity Calculated as Follows:</b>								
	a) 1st Month of Quarter = Column A, Line 12 Divided by 2								
	b) 2nd Month of Quarter = Column A, Line 12 + (Column B, Line 12 Divided by 2)								
	c) 3rd Month of Quarter = Column A, Line 12 + Column B, Line 12 + (Column C, Line 12 Divided by 2).								
	Column D, E, F, etc. repeats the process outlined in (a), (b), and (c) above.								
	<b>e</b> The FERC interest rate information comes from the FERC website.								
	<b>f</b> The Amortization Rate per KWH in column (n), line 8, represents the amount of the prior year's True-Up Adjustment + Accrued Interest, amortized over the 12-month prior cycle's rate effective period. This rate is derived by dividing beginning under/overcollection by total estimated consumption for the year.								
	<b>g</b> Indicates Actual Recorded consumption reported for the year.								

# San Diego Gas & Electric Company

## **Section 4.2.2**

### Derivation of CAISO-WHOLESALE TO3 Final 17-Month Interest True-Up Adjustment Amortization Rate

Docket No. ER16-\_\_\_\_-\_\_\_\_

Section 4.2.2  
 San Diego Gas and Electric Company  
 TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
 Derivation of Amortization Rate for TO3 17-Month Final True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(b) <sup>1</sup> Jan-15	(c) <sup>1</sup> Feb-15	(d) <sup>1</sup> Mar-15	(e) <sup>1</sup> Apr-15	(f) <sup>1</sup> May-15	(g) <sup>1</sup> Jun-15	(h) <sup>1</sup> Jul-15	(i) <sup>2</sup> Aug-15
1	<b>Derivation of Amortization Rate for TO3 Final True-Up:</b>									
2	Beginning Balance (Overcollection)/Undercollection	\$ 75,603,174								
3										
4	Estimated Consumption Jan 15-Dec 15 @ <i>Transmission Level</i> :	20,421,941,028	1,733,598,107	1,609,963,205	1,546,030,420	1,590,756,513	1,561,323,450	1,501,300,792	1,816,880,870	1,852,270,482
5										
6	Total Consumption (kWh) - <i>Transmission Level</i> :	20,421,941,028								
7										
8	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00370								
9										
	<b>NOTES:</b>									
1	Indicates Actual Recorded consumption reported for the year.									
2	Indicates Forecasted consumption for the year.									
3	Per TO3 Formula Appendix VIII, the Amortization Rate is to be comprised of 7 months Actual consumption and 5 months Forecasted consumption. This workpaper was also included in the September 1 Informational Posting.									

Section 4.2.2  
 San Diego Gas and Electric Company  
 TO4-Cycle 3 Annual Transmission Formulaic Rate Filing  
 Derivation of Amortization Rate for TO3 17-Month Final True-Up - CAISO Wholesale

Line No.	Description	(a) Total	(j) <sup>2</sup> Sep-15	(k) <sup>2</sup> Oct-15	(l) <sup>2</sup> Nov-15	(m) <sup>2</sup> Dec-15	Reference	Line No.
1	<b>Derivation of Amortization Rate for TO3 Final True-Up:</b>							1
2	Beginning Balance (Overcollection)/Undercollection	\$ 75,603,174						2
3							Section 4.2.1; Pg. 2.A; Line 1	3
4	Estimated Consumption Jan 15-Dec 15 @ <i>Transmission Level</i> :	20,421,941,028	2,021,474,874	1,767,563,538	1,682,338,287	1,738,440,491	TO4-Cycle 3 Instant Filing: (Page 3; Line 29) X 1,000	4
5								5
6	Total Consumption (kWh) - <i>Transmission Level</i> :	20,421,941,028					Line 4	6
7								7
8	Amortization Rate Per kWh @ <i>Transmission Level</i> :	\$ 0.00370					Line 2 / Line 6	8
9								9
	<b>NOTES:</b>							
1	Indicates Actual Recorded consumption reported for the year.							
2	Indicates Forecasted consumption for the year.							
3	Per TO3 Formula Appendix VIII, the Amortization Rate is to be comprised of 7 months Actual consumption and 5 months Forecasted consumption. This worksheet was also included in the September 1 Informational Posting.							



SECTION 4.2.2														
San Diego Gas & Electric														
FERC Forecast Consumption Converted from Retail Level to Transmission Level														
FERC Forecast Period: January 2015 - December 2015														
Line No.	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded	Forecast	Forecast	Forecast
	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total	
1	SDG&E System Delivery Determinants													
2	Customer Class Deliveries (MWh)													
3	654,947	535,798	523,755	500,457	505,583	510,494	599,362	684,171	758,524	633,907	595,885	678,987	7,181,869	
4	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
5	684,878	560,284	547,691	523,328	528,688	533,824	626,752	715,437	793,188	662,876	623,117	710,016	7,510,081	
6	Small Commercial													
7	163,828	151,418	158,556	165,566	155,584	158,613	178,194	181,014	195,377	173,502	162,177	162,528	2,006,357	
8	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
9	171,315	158,338	165,802	173,133	162,694	165,862	186,338	189,286	204,306	181,431	169,588	169,956	2,098,048	
10	Small Commercial @ Transmission Level													
11	15,725	19,577	18,431	22,668	19,227	18,904	22,478	27,607	29,148	25,135	21,838	18,862	259,599	
12	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
13	16,286	20,275	19,088	23,476	19,913	19,578	23,280	28,592	30,187	26,032	22,617	19,535	268,858	
14	Med. & Large Comm./Ind. (AD + PA-T-1)													
15	760,858	775,371	714,206	768,825	760,023	713,788	843,724	818,079	883,913	798,693	762,428	737,323	9,337,231	
16	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
17	787,996	803,027	739,680	796,247	787,132	739,247	873,818	847,258	915,441	827,181	789,622	763,622	9,670,269	
18	Med. & Large Comm./Ind. (AY + AL + DGR)													
19	65,129	54,785	63,303	63,332	55,817	34,185	93,800	61,711	67,751	60,046	67,026	64,732	751,618	
20	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	1.03567	
21	67,452	56,739	65,561	65,591	57,808	35,404	97,146	63,913	70,167	62,188	69,417	67,041	778,426	
22	Lighting													
23	5,423	10,807	7,851	8,589	4,867	7,063	9,130	7,445	7,828	7,512	7,628	7,909	92,052	
24	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	1.04570	
25	5,671	11,300	8,209	8,982	5,089	7,386	9,547	7,785	8,186	7,856	7,977	8,271	96,258	
26	Street Lighting @ Transmission Level													
27	7.5	0.5	3.4	6.8	4.5	0.6	1.5	3.0	3.2	3.0	3.1	3.2	40.1	
28	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,780,027	1,942,541	1,698,796	1,616,983	1,670,342	19,628,727	
29	1,733,598	1,609,963	1,546,030	1,590,757	1,561,323	1,501,301	1,816,881	1,852,270	2,021,475	1,767,564	1,682,338	1,738,440	20,421,941	
30	Total System Delivery@Trans. Exclude Resale													
NOTES:														
a	Per TO3 Formula Appendix VIII, the Amortization Rate is derived based on 7 months Actual consumption and 5 months Forecasted consumption. This worksheet was also included in the September 1 Informational Posting.													

# San Diego Gas & Electric Company

## **Section 4.2.3**

Forecast Sales Used for the Derivation of  
CAISO-WHOLESALE  
TO3 Final  
17-Month  
Interest True-Up Adjustment

Docket No. ER16-\_\_\_\_-\_\_\_\_

SECTION 4.2.3														
San Diego Gas & Electric														
FERC Forecast Consumption Converted from Retail Level to Transmission Level														
FERC Forecast Period: January 2015 - December 2015														
Line No.	SDG&E System Delivery Determinants	Recorded Jan-15	Recorded Feb-15	Recorded Mar-15	Recorded Apr-15	Recorded May-15	Recorded Jun-15	Recorded Jul-15	Recorded Aug-15	Recorded Sep-15	Recorded Oct-15	Recorded Nov-15	Recorded Dec-15	Total
1	Customer Class Deliveries (MWh)	654,947	535,798	523,755	500,457	505,583	510,494	599,362	654,904	777,855	633,907	595,885	678,987	7,171,934
2	Residential	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	7,171,934
3	Transmission Level Adjustment Factor	684,878	560,284	547,691	523,328	528,688	533,824	626,752	684,833	813,403	662,876	623,117	710,016	7,499,692
4	Residential @ Transmission Level	163,828	151,418	158,556	165,566	155,584	158,613	178,194	180,382	193,987	173,502	162,177	162,528	2,004,335
5	Small Commercial	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	2,004,335
6	Transmission Level Adjustment Factor	171,315	158,338	165,802	173,133	162,694	165,862	186,338	188,625	202,852	181,431	169,588	169,956	2,095,933
7	Small Commercial @ Transmission Level	15,725	19,577	18,431	22,668	19,227	18,904	22,478	47,777	21,083	25,135	21,838	18,862	271,705
8	Med. & Large Comm./Ind. (AD + PA-T-I)	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	271,705
9	Transmission Level Adjustment Factor	16,286	20,275	19,088	23,476	19,913	19,578	23,280	49,481	21,835	26,032	22,617	19,535	281,396
10	Med&Lrg C/I (AD + PA-T-I)@Trans. Level	760,858	775,371	714,206	768,825	760,023	713,788	843,724	829,949	876,425	798,693	762,428	737,323	9,341,613
11	Med. & Large Comm./Ind. (AY + AL + DGR)	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	9,341,613
12	Transmission Level Adjustment Factor	787,996	803,027	739,680	796,247	787,132	739,247	873,818	859,551	907,685	827,181	789,622	763,622	9,674,807
13	Med&Lrg C/I (AY + AL + DGR)@Trans Level	65,129	54,785	63,303	63,332	55,817	34,185	93,800	62,101	57,370	60,046	67,026	64,732	741,627
14	Med. & Large Comm./Ind. (A6)	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	1,03567	741,627
15	Transmission Level Adjustment Factor	67,452	56,739	65,561	65,591	57,808	35,404	97,146	64,316	59,416	62,188	69,417	67,041	768,079
16	Med. & Large Comm./Ind. (A6) @ Trans Level	5,423	10,807	7,851	8,589	4,867	7,063	9,130	4,809	8,163	7,512	7,628	7,909	89,752
17	Lighting	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	1,04570	89,752
18	Transmission Level Adjustment Factor	5,671	11,300	8,209	8,982	5,089	7,386	9,547	5,029	8,536	7,856	7,977	8,271	93,853
19	Street Lighting @ Transmission Level	7.5	0.5	3.4	6.8	4.5	0.6	1.5	0.5	0.5	3.0	3.1	3.2	35.0
20	Sale for Resale	1,665,910	1,547,756	1,486,101	1,529,437	1,501,101	1,443,047	1,746,688	1,779,922	1,934,884	1,698,796	1,616,983	1,670,342	19,620,965
21	Total System Delivery@Meter Exclude Resale	1,733,598	1,609,963	1,546,030	1,590,757	1,561,323	1,501,301	1,816,881	1,851,836	2,013,728	1,767,564	1,682,338	1,738,440	20,413,760
22	Total System Delivery@Trans. Exclude Resale													
23	NOTES:													
24	a The December 1st Informational Filing is comprised of 9 months of Actual consumption and 3 months Forecasted consumption to derive the interest true-up adjustment.													