

Application No.: A.17-06-006  
Exhibit No.: SDG&E-xxx  
Witness: Daniel L. Sullivan  
Date: October 24, 2017

**SAN DIEGO GAS & ELECTRIC COMPANY**  
**PREPARED DIRECT TESTIMONY OF**  
**DANIEL L. SULLIVAN**

BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA

October 24, 2017



## TABLE OF CONTENTS

I.	INTRODUCTION .....	1
II.	DISCUSSION.....	2
III.	CONCLUSION.....	4

1   **PREPARED REBUTTAL TESTIMONY OF**

2   **DANIEL L. SULLIVAN ON BEHALF OF SDG&E**

3       **I.           INTRODUCTION**

4           This testimony addresses the analyses and recommendations provided by the Office of  
5 Ratepayer Advocates (“ORA”) witness Patrick Cunningham’s testimony at Chapter 5: Contract  
6 Administration. In its testimony, ORA concluded: “ORA does not object to SDG&E’s  
7 administration of its contract amendments and settlements for Record Period 2016. However,  
8 SDG&E must improve the breadth of its reporting to include all contracts, regardless of the  
9 budget’s source, in accordance with Standard of Conduct (SOC) 4 and the scope of ERRA  
10 Compliance proceedings.”<sup>1</sup>

11           At the outset, SDG&E points out that its Record Year 2016 Contract Administration  
12 showing is virtually identical substantively, and updated as appropriate, to its showing for  
13 Record Year 2015 year and previous years. For each of SDG&E’s ERRA Compliance  
14 Applications, the Commission determined SDG&E’s Contract Administration showing to be  
15 compliant with all applicable requirements, including SOC 4.<sup>2</sup> ORA is now seeking additional  
16 contract-related information in SDG&E’s future showings that has not been previously requested  
17 or required by the Commission to be provided. In the following discussion, SDG&E addresses  
18 ORA’s new request. This testimony addresses ORA’s recommendation both with respect to the  
19 Demand Response Auction Mechanism (DRAM) contracts as well as “all” contracts.

---

<sup>1</sup> Testimony of ORA witness Patrick Cunningham on SDG&E’s ERRA January 1 through December 31, 2016, pages 5-11 & 5-12.

<sup>2</sup> Decision (D.) 02-10-062 at 52 states, “The utilities shall prudently administer all contracts and generation resources and dispatch the energy in a least-cost manner. Our definitions of prudent contract administration and least cost dispatch is the same as our existing standard.”

1 **II. DISCUSSION**

2 As noted above, concerning Contract Administration, ORA recommends that the  
3 Commission require SDG&E to include reporting of all contracts in future ERRA Compliance  
4 applications as required by SOC 4 and the scope of ERRA proceedings. This reporting must  
5 include contracts regardless of their budget's source, such as the DRAM pilot contracts. ORA  
6 notes that, in the instant proceeding, through discovery, ORA requested that SDG&E provide  
7 eleven DRAM contracts.<sup>3</sup>

8 SDG&E objected to this request on the grounds "...they were outside of ERRA and  
9 executed outside of the Electric & Fuel Procurement group." SDG&E instructed ORA to "see  
10 Advice Letter 2843-E-A attached as 2843-E-A.pdf." Contrary to ORA's assertion that "SDG&E  
11 did not demonstrate why its administration of the contracts should not fall under the clear  
12 scoping statement of this proceeding or the requirements of SOC 4,"<sup>4</sup> SDG&E did, in fact,  
13 explain why these DRAM contracts do not fall within the requirements of SOC 4:

14 Based on the above cost allocation guidance and the fact that the 2016 DRAM Pilot was  
15 funded by fund-shifting within the approved 2015-2016 Demand Response bridge year's  
16 budget, SDG&E records DRAM-related expenditures, like other DR pilots, in the  
17 established Advanced Metering and Demand Response Memorandum Account  
18 (AMDRMA), which is transferred to SDG&E's Rewards and Penalties Balancing  
19 Account (RPBA) on an annual basis for cost recovery.<sup>5</sup>

20 SDG&E disagrees with ORA's recommendation that SDG&E should, in future years,  
21 report its DRAM contracts. SDG&E continues to maintain that the DRAM contracts are out of  
22 scope of this proceeding for the following reasons:

- 23 1. SDG&E (through its Electric & Fuel Procurement Department (E&FP)) is not the  
24 Scheduling Coordinator for these third-party contracts and thus does not schedule or  
25 manage the interface with CAISO on behalf of these contracts. They are not part of

---

<sup>3</sup> Attachment 1: ORA Data Request, ORA-SDG&E DR-13 Questions 4 and 5.

<sup>4</sup> Testimony of ORA witness Patrick Cunningham on SDG&E's ERRA January 1 through December 31, 2016 at 5-11.

<sup>5</sup> Attachment 2: ORA Data Request, ORA-SDG&E DR-17, Request 1.

1 SDG&E's supply portfolio as are the contracts SDG&E reports in ERRA Compliance  
2 proceedings.

- 3 2. SDG&E's E&FP is not the record-keeper of the contracts; neither do they settle or  
4 book the DRAM relevant costs. Hence, they do not administer the DRAM contracts.  
5 While SOC 4 provides a guideline to administer "all" contracts, it does not change the  
6 scope of the ERRA proceeding, especially because DRAM costs are recovered in a  
7 non-ERRA balancing account.
- 8 3. While ORA stated repeatedly that it had to issue discovery to find out more about  
9 SDG&E's DRAM contracts, it was not until ORA issued its discovery that SDG&E  
10 first became aware that ORA was interested in them. They had never previously been  
11 requested by ORA, and more importantly, no Commission directive to SDG&E's  
12 knowledge requires them to be provided in an ERRA Compliance proceeding.  
13 Further, SDG&E had no reason to expect ORA to be interested in them because, as  
14 noted earlier, contracts that were funded outside of ERRA have never been subject to  
15 review in SDG&E's ERRA Compliance proceedings.
- 16 4. If ORA (or any other party) intends to expand the scope of ERRA Compliance  
17 proceedings, it should file a Petition for Modification so that ORA's newly requested  
18 information is fully vetted by all affected parties and the Commission; and if the  
19 proposed changes are adopted, they would be applicable to all three IOUs. Currently,  
20 other than possibly listing the contracts, to the best of SDG&E's knowledge, other  
21 IOUs do not provide contract administration or least-cost dispatch information about  
22 DRAM contracts in their ERRA testimonies.
- 23 5. This situation is almost identical to the issue ORA raised in SDG&E's Record Year  
24 2015 proceeding, A.16-06-002, in which "ORA asserts the Commission should order  
25 SDG&E to submit DR metrics for the Summer Saver Program (SSP) to determine  
26 compliance with LCD."<sup>6</sup> This request for then-newly requested Demand Response-  
27 related information was rejected by the Commission.<sup>7</sup>
- 28 6. The costs for SDG&E's DRAM program, and its other demand response programs,  
29 are recovered through SDG&E's Customer Service programs and not in ERRA.  
30 ORA has not explained why such programs should be subject to Commission review  
31 in multiple proceedings.
- 32 7. These DRAM contracts were already reported to the Commission through SDG&E's  
33 Procurement Plan Compliance Report for The Fourth Quarter of 2015 ("QCR").<sup>8</sup>

---

<sup>6</sup> D.17-03-016 at 14.

<sup>7</sup> D.17-03-016 at 15; *see also id.* at 14 ("Imposing a new requirement on SDG&E is outside the scope of this proceeding. If ORA wants to pursue this documentation in the future, it should seek to include it within the scope of a future proceeding, or – preferably – file a Petition to Modify D.15-05-005").

<sup>8</sup> Attachment 3: Attachment H, Q4 2015 New Contracts Executed and Contracts Amended", Item 3, Row 2. All contract information not pertaining to the DRAM contracts has been redacted to exclude confidential information.

1 8. The status of the DRAM contracts is reported to the Commission and Energy Division  
2 under two separate reports:

3 a. SDG&E files a quarterly report with the Commission providing the status of  
4 third-party demand response direct participation.<sup>9</sup>  
5

6 b. SDG&E submits to the Energy Division a monthly report which provides the  
7 details of SDG&E's interruptible load and demand response programs.<sup>10</sup>

8 With respect to ORA's recommendation that, in future year's showings, SDG&E provide  
9 "all" contracts, SDG&E finds this request overly vague and unworkable. ORA's testimony does  
10 not indicate whether it has specific types of contracts in mind that SDG&E does not already  
11 provide. ORA should identify other types of contracts that SDG&E should provide and make its  
12 request known appropriately in advance of SDG&E's next ERRA Compliance filing, explaining  
13 its reason why SDG&E should include those new types of contracts, if any. Also, SDG&E  
14 enters into many contracts that are not related to energy or capacity products and which have no  
15 bearing on ERRA matters. Thus, without more explanation and justification, ORA's  
16 recommendation that SDG&E provide "all" contracts for review under SOC 4 is unworkable and  
17 burdensome.

18 Again, ORA should consider filing a Petition for Modification if it is seeking to change  
19 either general filing requirements for SDG&E's showing or the standards and requirements by  
20 which that showing is reviewed.

### 21 **III. CONCLUSION**

22 ORA's recommendation that SDG&E should have included DRAM contracts in its  
23 ERRA Compliance submission should be rejected for the several reasons noted herein. In sum,

---

<sup>9</sup> Attachment 4: Quarterly Report Regarding Status of 3<sup>rd</sup> Party Demand Response Direct Participation in Compliance with D1503042 dated September 29, 2017.

<sup>10</sup> Attachment 5: Report of San Diego Gas & Electric Company on Interruptible Load and Demand Response Programs dated September 21, 2017.

1 these contracts are outside the scope of SDG&E's ERRRA Compliance proceedings. If ORA  
2 wishes to pursue this recommendation in future years, it should file a Petition to Modification or  
3 another appropriate procedural vehicle to propose its idea.

4 Further, the request of ORA to report "all" contracts is overly vague, broad, and  
5 burdensome. ORA should specifically identify – well before SDG&E's filing next year - those  
6 contracts SDG&E should include in its ERRRA Compliance application that have not heretofore  
7 been provided by SDG&E. SDG&E is willing to discuss any such specifics with ORA.

8 For these reasons, while SDG&E appreciates ORA's review and finding regarding  
9 Contract Administration, SDG&E respectfully and strongly opposes ORA's unjustified  
10 recommendations in this area. The Commission should determine that SDG&E's Record Year  
11 2016 Contract Administration showing is acceptable.

12 This concludes my prepared rebuttal testimony.

## Attachment 1

ORA Data Request, ORA-SDG&E DR-13  
Questions 4 and 5



**ORA DATA REQUEST  
ORA-SDG&E DR-13  
SDG&E ERRR COMPLIANCE - A.17-06-006  
SDG&E RESPONSE  
DATE RECEIVED: August 14, 2017  
DATE RESPONDED: August 28, 2017**

**Request 4:**

Did SDG&E execute, modify, amend, or terminate any demand response contracts in the 2016 Record Period? If so, please provide the following:

- a. A list of the contracts including all relevant figures and information as was provided for other contracts in the Attachment 1 worksheet of the Contract Administration testimony.
- b. An explanation of any modification, amendment, or termination of a demand response contract.

**SDG&E Response:**

EnerNoc was the only contract associated with ERRR that is within the scope of this proceeding. EnerNoc is a demand response contract whose term expired on 12/30/16. Please refer to Attachment 1 of the Testimony of witness Dan Sullivan for relevant figures and information.

Additional demand response contracts were signed; however, they were outside of ERRR and executed outside of the Electric & Fuel Procurement group. In 2016, SDG&E signed 11 DRAM contracts. For more information on those contracts please see Advice Letter 2843-E-A attached as **2843-E-A.pdf**.

**ORA DATA REQUEST  
ORA-SDG&E DR-13  
SDG&E ERRR COMPLIANCE - A.17-06-006  
SDG&E RESPONSE  
DATE RECEIVED: August 14, 2017  
DATE RESPONDED: August 28, 2017**

**Request 5:**

Please give the status of any 2016 DRAM contracts and/or offers negotiated between SDG&E and counterparties if not mentioned in Question 4.

**SDG&E Response:**

Please see SDG&E's response to Request 4.

## Attachment 2

ORA Data Request, ORA-SDG&E  
DR-17, Request 1

**ORA DATA REQUEST**  
**ORA-SDG&E DR-17**  
**SDG&E ERRA COMPLIANCE - A.17-06-006**  
**SDG&E RESPONSE**  
**DATE RECEIVED: August 30, 2017**  
**DATE RESPONDED: September 6, 2017**

**Contract Administration (SDG&E Witness Daniel Sullivan)**

**Request 1:**

1. SDG&E's response to ORA's data request ~~16~~ **13**, question 4, stated that eleven demand response auction mechanism (DRAM) contracts were signed in 2016 but "were outside of ERRA and executed outside of the Electric & Fuel Procurement group."
  - a. The Scoping Memo of Assigned Commissioner and Ruling With Administrative Law Judge on page two lists the scope of the current proceeding. That scope includes: "Whether SDG&E prudently administered and managed its QF and non-QF contracts in 2016 in accordance with the contract provisions and otherwise followed Commission guidelines relating to those contracts and their amendments." Please explain how the DRAM contracts are outside of the scope of the current proceeding.
  - b. Were any of the eleven DRAM contracts signed in 2016 modified, amended, or terminated?
    - i. In what proceeding or other account does SDG&E report such modification, amendment, or termination of the DRAM contracts?
    - ii. Does SDG&E intend to report any modifications to the DRAM contracts in future ERRA proceedings or to include their termination due to expiration?
  - c. The DRAM contracts were executed outside of the Electric & Fuel Procurement group. What group(s) is responsible for the execution and maintenance of the DRAM contracts?
    - i. How many contracts, and of what sort, are maintained and executed by the responsible group(s)?

**ORA DATA REQUEST  
ORA-SDG&E DR-17  
SDG&E ERRA COMPLIANCE - A.17-06-006  
SDG&E RESPONSE  
DATE RECEIVED: August 30, 2017  
DATE RESPONDED: September 6, 2017**

**SDG&E Response to Request 1:**






- a. SDG&E records DRAM-related expenditures, like other DR pilots, in the established Advanced Metering and Demand Response Memorandum Account (AMDRMA), which is transferred for recovery to either (1) SDG&E's Rewards and Penalties Balancing Account (RPBA), or (2) the DR Generation Balancing Account, depending on the customer a particular DR program or pilot serves, and both are submitted on an annual basis for cost recovery. Neither of these balancing accounts is considered in the ERRA proceeding.
- b. In managing the 2016 DRAM pilot, SDG&E terminated two of the eleven DRAM contracts signed by third party DR Providers at their request. None of the 2016 DRAM agreements was modified or amended.
  - i. SDG&E does not report such modifications on this pilot and is not required to do so.
  - ii. SDG&E does not intend to report any modifications or terminations of any DRAM pilot agreements in ERRA. SDG&E is not required to report DRAM pilot agreement terminations due to expiration.
- c. SDG&E's Demand Response group within Customer Programs is responsible for the management of DRAM contracts. The Demand Response group has executed all of the DRAM agreements with third party Demand Response Providers (DRPs) for Demand Response in each pilot year and is responsible for the management and maintenance of these DRAM contracts. As noted above, there were 11 DRAM contracts. They were executed in December of 2015 for the 2016 year.

## Attachment 3

Attachment H, Q4 2015 New  
Contracts Executed and Contracts  
Amended”, row 2 of the table in  
Item #3

**Attachment H**  
**Q4 2015 New Contracts Executed and Contracts Amended**

1. SDG&E executed/signed the following agreement(s) during the quarter that **do not** require a separate / dedicated advice filing.






Contract/ Counterparty	Execution/ Signed Date	Product	Term	Volume (MW)	Price	Nominal Value	Workpaper File Name
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 



[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		PDF [REDACTED]	
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]		PDF [REDACTED] PDF [REDACTED] PDF [REDACTED] PDF [REDACTED] PDF [REDACTED] PDF [REDACTED]	



2. Additional Amendments signed in Q4.

Contract/ Counterparty	Signed Date	Effective Date	Description	Workpaper File Name
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] 



## Attachment 4

Quarterly Report Regarding Status  
of 3rd Party Demand Response  
Direct Participation in  
Compliance with D1503042 dated  
September 29, 2017

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company for  
Recovery of Costs to Implement Electric Rule 24  
Direct Participation Demand Response (U39E).

Application 14-06-001  
(Filed June 2, 2014)

And Related Matters

Application 14-06-002  
Application 14-06-003

**SAN DIEGO GAS & ELECTRIC COMPANY'S (U 902 E) QUARTERLY REPORT  
REGARDING THE STATUS OF THIRD PARTY DEMAND RESPONSE DIRECT  
PARTICIPATION IN COMPLIANCE WITH DECISION 15-03-042**

Steven C. Nelson  
Attorney for  
SAN DIEGO GAS & ELECTRIC  
COMPANY  
8330 Century Park Court, CP32D  
San Diego, California 92123-1530  
Telephone: (619) 699-5136  
Facsimile: (619) 699-5027  
Email: [SNelson@semprautilities.com](mailto:SNelson@semprautilities.com)

September 29, 2017

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company for  
Recovery of Costs to Implement Electric Rule 24  
Direct Participation Demand Response (U39E).

Application 14-06-001  
(Filed June 2, 2014)

And Related Matters

Application 14-06-002  
Application 14-06-003

**SAN DIEGO GAS & ELECTRIC COMPANY’S (U 902 E) QUARTERLY REPORT  
REGARDING THE STATUS OF THIRD PARTY DEMAND RESPONSE DIRECT  
PARTICIPATION IN COMPLIANCE WITH DECISION 15-03-042**

Pursuant to the Rules of Practice and Procedure of the California Public Utilities Commission, and in compliance with Ordering Paragraph 1 of Decision 15-03-042, San Diego Gas & Electric Company (“SDG&E”) hereby submits for filing its Quarterly Report regarding the status of third party demand response direct participation for the 3<sup>rd</sup> quarter of 2017 (July 1, 2017 through September 27, 2017). SDG&E’s report is attached hereto as Appendix A.

Respectfully submitted,

By: /s/ Steven C. Nelson  
Steven C. Nelson  
Attorney for  
SAN DIEGO GAS & ELECTRIC  
COMPANY  
8330 Century Park Court, CP32D  
San Diego, California 92123-1530  
Telephone: (619) 699-5136  
Facsimile: (619) 699-5027  
Email: [SNelson@semprautilities.com](mailto:SNelson@semprautilities.com)

September 29, 2017

# **APPENDIX A**

# Rule 32 Direct Participation Reporting Template

---

**Reporting Utility** San Diego Gas & Electric

**Reporting Quarter** Third Quarter of 2017

## **CAISO System Status:**

As part of the September 12, 2017 Release User Group call, CAISO published their Demand Response System (DRS) decommissioning. The DRS Decommissioning project seeks to retire the current DRS system. Once this system is retired all current functionality will reside in the MRI-S (Market Results Interface – Settlements) system. All available customer load baseline calculations will be submitted into the MRI-S system once the DRS system is retired.

This change is slated for Spring 2018.<sup>1</sup>

## **Utility Implementation Status:**

- SDG&E has implemented the automatic processes and system integrations as part of the Intermediate Implementation Step to support up to 30,000 market registrations for Electric Rule 32, including the DRAM participants.
- SDG&E continues to work on the enhancement of the automatic processes for Electric Rule 32. The next release is scheduled to be implemented in Q4 of 2017.

## **Click-Through Expenditures:**

As of September 9, 2017, SDG&E has recorded \$5,653.96 in labor as part of the Click-Through Project.

---

<sup>1</sup> [http://www.caiso.com/Documents/Agenda-ReleaseUserGroupWebConferenceSep12\\_2017.pdf](http://www.caiso.com/Documents/Agenda-ReleaseUserGroupWebConferenceSep12_2017.pdf) at P. 37.

## Rule 32 Direct Participation Reporting Template

---

### Market Participation *(As of September 27, 2017)*

Number of Registered DRPs at Commission	7
Number of DRPs with Active CAISO Registrations	4
Number of Locations in Active Registrations	5755
Number of Residential Locations in Active Registrations	5705
Number of CCA/DA Locations in Active Registrations	3
Number of Registered Locations in DRAM	5755
Number of Locations Removed from Reporting Utility's DR Programs	1619
Remaining Rule 24/32 Slots for Service Agreement Registrations	24,245

### Utility Processing *(As of September 27, 2017)*

	Month 1 of Quarter (July)	Month 2 of Quarter (August)	Month 3 of Quarter (September)
Number of CISR-DRPs Received	538	1142	475
Number of Service Agreements received	0	0	0
Number of CISR-DRPs Rejected	111	136	55
Number of CISR-DRPs Processed	427	1006	420
Average CISR Processing Time <sup>2</sup>	1.7	1.9	1.2
Number of CAISO SA Registrations Reviewed	313	488	308
Average Registration Processing Time <sup>3</sup>	3 days	3 days	3 days

<sup>2</sup> Calendar days: This value was calculated by comparing the average date for the CISR-DRP being received to the average date that SDG&E delivered the data to the DRP.

<sup>3</sup> Business days: This value was calculated by using the difference between the number of Rule 32 participants enrolled in DR programs in the 1st Quarter of 2016 to the number of participants enrolled in DR programs in the 3rd Quarter of 2017.



## Attachment 5

# Report of San Diego Gas & Electric Company on Interruptible Load and Demand Response Programs dated September 21, 2017



Greg Anderson  
Regulatory Case Manager I  
San Diego Gas & Electric Company  
8330 Century Park Court  
San Diego, CA 92123-1530  
Telephone: (858) 654-1717  
ganderson@semprautilities.com

September 21, 2017

A.08-06-001  
A.08-06-002  
A.08-06-003  
A.11-03-001  
A.11-03-002  
A.11-03-003  
R.13-09-011

Ed Randolph  
Director, Energy Division  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

**Re: REPORT OF SAN DIEGO GAS & ELECTRIC COMPANY ON INTERRUPTIBLE  
LOAD AND DEMAND RESPONSE PROGRAMS FOR AUGUST 2017**

Dear Mr. Randolph:

In accordance with Decision 09-08-027, Ordering Paragraph 39, attached to this email please find San Diego Gas & Electric Company's ("SDG&E") monthly report referenced above. This report is being served on the most recent service list in Application 08-06-001, 08-06-002 and 08-06-003, 11-03-001, 11-03-002, 11-03-003, and R.13-09-011, and has been made available on SDG&E's website. The URL for the website is: <http://sdge.com/node/711>

If you have any questions, please feel free to contact me.

Sincerely,

*/s/ Gregory Anderson*

Greg Anderson  
Regulatory Case Manager I

cc: A. 08-06-001, et. al., - Service List  
A. 11-03-001, et al., - Service List  
R. 13-09-011 – Service List  
Greg Barnes – SDG&E  
SDG&E Central Files

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**

**SUBSCRIPTION STATISTICS - ENROLLED MWs**

August 2017

Programs	Service Accounts	January	Ex Post Estimated MW <sup>1</sup>	Service Accounts	February	Ex Post Estimated MW <sup>1</sup>	Service Accounts <sup>3</sup>	March	Ex Post Estimated MW <sup>1,3</sup>	Service Accounts	April	Ex Post Estimated MW <sup>1</sup>	Service Accounts	May	Ex Post Estimated MW <sup>1</sup>	Service Accounts	June	Ex Post Estimated MW <sup>1</sup>
		Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>	
<b>Interruptible/Reliability</b>																		
BIP - 20 minute option	6	0.46	1.85	6	0.28	1.85	6	0.53	1.85	6	1.08	1.33	6	1.09	1.33	6	0.89	1.33
<b>Sub-Total Interruptible</b>	6	0.46	1.85	6	0.28	1.85	6	0.53	1.85	6	1.08	1.33	6	1.09	1.33	6	0.89	1.33
<b>Price Response</b>																		
CPP-D (Large and Medium customers)	13,899	13.13	25.88	13,851	13.77	25.79	13,900	15.29	25.89	13,900	3.86	2.84	13,870	4.10	2.83	13,852	3.85	2.83
Armed Forces Pilot <sup>2</sup>	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Overgeneration Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Summer Saver Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Summer Saver Residential	20,947	-	13.20	20,930	-	13.19	14,736	-	9.28	14,769	-	6.27	14,853	6.37	6.31	14,835	5.14	6.30
Summer Saver Commercial	4,646	-	1.41	4,627	-	1.40	4,631	-	1.41	4,619	-	1.31	4,628	2.74	1.31	4,659	2.76	1.32
CBP - Day-Ahead	0	-	-	0	-	-	0	-	-	0	-	-	71	0.86	3.65	66	0.80	3.39
CBP - Day-Of	0	-	-	0	-	-	0	-	-	0	-	-	148	3.77	2.86	165	4.20	3.19
PTR Residential	79,211	2.69	5.08	79,250	2.59	5.08	79,191	2.46	5.08	78,756	2.52	6.32	78,553	2.86	6.30	78,580	1.83	6.30
SCTD Residential	11,866	-	6.18	12,885	-	6.71	14,183	-	7.38	15,150	4.11	6.33	15,454	4.70	6.46	15,651	3.24	6.54
SCTD Commercial	3,205	-	4.16	3,220	-	4.18	3,220	-	4.18	3,290	1.43	5.31	3,297	1.82	5.32	3,304	1.34	5.33
TOU-A-P Small Commercial	117,030	1.41	20.39	117,090	1.43	20.40	117,018	1.45	20.39	116,937	-	-	116,897	-	-	116,918	-	-
TOU-DR-P Voluntary Residential	3,866	-	-	4,046	-	-	4,269	-	-	4,406	0.53	0.75	4,512	0.63	0.77	4,647	0.59	0.79
Permanent Load Shifting	1	-	-	1	-	-	1	-	-	1	-	0.25	1	0.52	0.25	1	0.54	0.25
<b>Sub-Total Price Response</b>	254,671	17.23	76.30	255,900	17.78	76.76	251,149	19.21	73.60	251,828	12.45	29.37	252,284	28.37	36.1	252,678	24.29	36.24
<b>Total All Programs</b>	254,677	17.69	78.15	255,906	18.07	78.61	251,155	19.74	75.46	251,834	13.53	30.70	252,290	29.46	37.4	252,684	25.19	37.57

Programs	Service Accounts	July	Ex Post Estimated MW <sup>1</sup>	Service Accounts	August	Ex Post Estimated MW <sup>1</sup>	Service Accounts	September	Ex Post Estimated MW	Service Accounts	October	Ex Post Estimated MW	Service Accounts	November	Ex Post Estimated MW	Service Accounts	December	Ex Post Estimated MW
		Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW <sup>1</sup>			Ex Ante Estimated MW			Ex Ante Estimated MW			Ex Ante Estimated MW			Ex Ante Estimated MW	
<b>Interruptible/Reliability</b>																		
BIP - 20 minute option	6	0.73	1.33	6	0.68	1.33	0	-	-	0	-	-	0	-	-	0	-	-
<b>Sub-Total Interruptible</b>	6	0.73	1.33	6	0.68	1.33	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
<b>Price Response</b>																		
CPP-D (Large and Medium customers)	13,865	5.68	2.83	13,897	9.44	2.84	0	-	-	0	-	-	0	-	-	0	-	-
Armed Forces Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Overgeneration Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Summer Saver Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Summer Saver Residential	14,827	8.36	6.30	14,893	10.84	6.33	0	-	-	0	-	-	0	-	-	0	-	-
Summer Saver Commercial	4,631	2.75	1.31	4,632	2.75	1.31	0	-	-	0	-	-	0	-	-	0	-	-
CBP - Day-Ahead	71	0.86	3.65	69	0.83	3.54	0	-	-	0	-	-	0	-	-	0	-	-
CBP - Day-Of	174	4.43	3.36	174	4.43	3.36	0	-	-	0	-	-	0	-	-	0	-	-
PTR Residential	78,580	2.83	6.30	81,915	3.94	6.57	0	-	-	0	-	-	0	-	-	0	-	-
SCTD Residential	16,900	5.26	7.06	18,115	7.53	7.57	0	-	-	0	-	-	0	-	-	0	-	-
SCTD Commercial	3,307	2.67	5.34	3,309	4.25	5.34	0	-	-	0	-	-	0	-	-	0	-	-
TOU-A-P Small Commercial	116,894	-	-	117,089	-	-	0	-	-	0	-	-	0	-	-	0	-	-
TOU-DR-P Voluntary Residential	4,878	0.82	0.83	5,106	0.93	0.87	0	-	-	0	-	-	0	-	-	0	-	-
Permanent Load Shifting	1	0.55	0.25	1	0.60	0.25	0	-	-	0	-	-	0	-	-	0	-	-
<b>Sub-Total Price Response</b>	254,128	34.2	37.2	259,200	45.5	38.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
<b>Total All Programs</b>	254,134	34.9	38.6	259,206	46.2	39.3	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0

**Notes:**

- PTR Residential - Effective May 1, 2014 per D.13-07-003. The number of Service Accounts reflect the cumulative PTR Residential customers who opt into the program.
- Permanent Load Shifting - SDG&E only reports projects that have been completed and the incentive has been paid.
- Effective May 2016, Capacity Bidding will report the number of nominations not enrollments.
- Prior to January 2017, service accounts for the Summer Saver Program (residential and commercial) represented the number of devices rather than the number of service accounts.

<sup>1</sup> For the months of January - March the Average Ex Ante and Ex Post Load Impact is based on the PY15 load impact reports filed in April 2016 with the exception of the following: The CPP-D (Large and Medium customers), CBP Day-Ahead, CBP Day-Of, PTR Residential, SCTD Residential and SCTD Commercial ex-ante and ex-post estimates were updated for the months of April - December based on the Amendment to SDG&E's DR Load Impacts report filed in July 13, 2017.

<sup>2</sup> The Armed Forces Pilot (Advice Letter 2952-E) was approved per Resolution E-4839 dated on April 6, 2017.

<sup>3</sup> Summer Saver Residential - Beginning in March, the "Service Accounts" and "Ex Post Estimated MW" decreased from prior months due to the removal of 30% of low Residential 100% cycling performers.

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS  
August 2017**

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of January 2017	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - 20 minute option	76.16	47.05	88.43	180.81	182.12	148.54	121.06	113.76	126.82	124.40	19.99	17.30	5,142	C & I customers > 200kW
CPP-D (Large and Medium customers)	0.94	0.99	1.10	0.28	0.30	0.28	0.41	0.68	0.68	0.33	0.10	0.14	18,466	Bundled All non-residential customers with demand >=20kW and equipped with the Appropriate Electric Metering.
Summer Saver Residential	0.00	0.00	0.00	0.00	0.43	0.35	0.56	0.73	0.63	0.60	0.00	0.00	564,565	Residential customers with central AC
Summer Saver Commercial	0.00	0.00	0.00	0.00	0.59	0.59	0.59	0.59	0.51	0.51	0.00	0.00	134,989	Commercial Customers < 100kw
CBP - Day-Ahead	0.00	0.00	0.00	0.00	12.10	12.10	12.10	12.10	12.10	12.10	0.00	0.00	44,734	Non-residential customers on TOU rates
CBP - Day-Of	0.00	0.00	0.00	0.00	25.48	25.48	25.48	25.48	25.48	25.48	0.00	0.00	44,734	Non-residential customers on TOU rates
PTR Residential	0.03	0.03	0.03	0.03	0.04	0.02	0.04	0.05	0.06	0.04	0.01	0.01	1,129,129	Bundled residential customers with appropriate electric metering
SCTD Residential	0.00	0.00	0.00	0.27	0.30	0.21	0.31	0.42	0.48	0.34	0.01	0.00	564,565	Bundled residential customers with appropriate electric metering
SCTD Commercial	0.00	0.00	0.00	0.43	0.55	0.40	0.81	1.29	1.28	0.69	0.22	0.00	152,067	Bundled Small Commercial customers with demand less than 20kW
TOU-DR-P Voluntary Residential	0.00	0.00	0.00	0.12	0.14	0.13	0.17	0.18	0.17	0.14	0.08	0.10	1,129,129	Bundled Residential customers with central AC with appropriate Electric Metering
TOU-A-P Small Commercial	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121,723	Commercial customers < 200 kW with central AC with appropriate electric metering
Permanent Load Shifting	0.00	0.00	0.00	0.00	524.41	543.95	551.30	601.79	577.53	609.24	0.00	0.00	23,313	Customers on TOU rates

**Notes:**

- The Estimated Average Ex Ante Load Impact kW/Customer = Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1 - 6 pm on the system peak day of the month.
- For the months of January - March the Average Ex Ante Load Impact is based on the PY15 load impact reports filed in April 2016 with the exception of the following: The CPP-D (Large and Medium customers), CBP Day-Ahead, CBP Day-Of, PTR Residential, SCTD Residential and SCTD Commercial ex-ante estimates were updated for the months of April - December based on the Amendment to SDG&E's DR Load Impacts report filed in July 13, 2017.
- Ex Ante winter months are assumed to be November - March and summer months are April - October. (Source: Decision 06-07-031 RA OPINION ON REMAINING PHASE 1 ISSUES).

**(End of page)**

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**  
August 2017

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as January 2017	Eligibility Criteria (Refer to tariff for specifics)	
	January	February	March	April	May	June	July	August	September	October	November	December			
BIP - 20 minute option	308.97	308.97	308.97	221.02	221.02	221.02	221.02	221.02	221.02	221.02	221.02	221.02	221.02	5,142	C & I customers > 200kW
CPP-D (Large and Medium customers)	1.86	1.86	1.86	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	18,466	Bundled All non-residential customers with demand >=20kW and equipped with the Appropriate Electric Metering.
Summer Saver Residential	0.63	0.63	0.63	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	564,565	Residential customers with central AC
Summer Saver Commercial	0.30	0.30	0.30	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	134,989	Commercial Customers < 100kw
CBP - Day-Ahead	64.10	64.10	64.10	51.37	51.37	51.37	51.37	51.37	51.37	51.37	51.37	51.37	51.37	44,734	Non-residential customers on TOU rates
CBP - Day-Of	23.71	23.71	23.71	19.32	19.32	19.32	19.32	19.32	19.32	19.32	19.32	19.32	19.32	44,734	Non-residential customers on TOU rates
PTR Residential	0.06	0.06	0.06	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	1,129,129	Bundled residential customers with appropriate electric metering
TOU-DR-P Voluntary Residential	0.00	0.00	0.00	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	1,129,129	Bundled Residential customers with central AC with appropriate Electric Metering
TOU-A-P Small Commercial	0.17	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121,723	Commercial customers < 200 kW with central AC with appropriate electric metering
SCTD Residential	0.52	0.52	0.52	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	564,565	Bundled residential customers with appropriate electric metering
SCTD Commercial	1.30	1.30	1.30	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	152,067	Bundled Small Commercial customers with demand less than 20kW
Permanent Load Shifting	0.00	0.00	0.00	246.53	246.53	246.53	246.53	246.53	246.53	246.53	246.53	246.53	246.53	23,313	Customers on TOU rates

**Notes:**

- Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over all actual event hours for the preceding year if events occurred.

- For the months of January - March the Average Ex Post Load Impact is based on the PY15 load impact reports filed in April 2016 with the exception of the following: The CPP-D (Large and Medium customers), CBP Day-Ahead, CBP Day-Of, PTR Residential, SCTD Residential, SCTD Commercial and PLS ex-post estimates were updated for the months of April - December based on the Amendment to SDG&E's DR Load Impacts report filed in July 13, 2017.

- Estimated Average Ex Ante Load Impact kW/Customer = Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1 - 6 pm on the system peak day of the month, as reported in the load impact reports filed in April 2016.

**(End of page)**

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS  
 Auto DR PROGRAM Breakdown of MWs  
 August 2017

	Jan	Feb	March	April	May	June	July	August	September	October	November	December
Price Responsive	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs	Auto DR Verified MWs
CPP-D	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3				
CBP	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8				
AFP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
DRAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
<b>Total</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>6.0</b>	<b>6.1</b>	<b>6.1</b>	<b>6.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**Notes:**

Auto DR Verified MWs: Represent the verified/tested MW for service accounts from completed TI (i.e. must be enrolled in DR).

(End of page)

**SAN DIEGO GAS & ELECTRIC REPORT COMPANY ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**  
**YEAR TO DATE PROGRAM EXPENDITURES**  
**August 2017**

Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Year-to Date	Program-to-Date	1-Year	Fundshift	Percent
													Expenditures	Total Expenditures 2017			
<b>Category 1: Reliability Programs</b>																	
Base Interruptible Program (BIP)	\$2,252	\$5,007	\$7,548	\$3,097	\$3,792	\$24,097	\$10,192	\$4,264	\$0	\$0	\$0	\$0	\$60,249	\$60,249	\$943,000		6.4%
<b>Budget Category 1 Total</b>	<b>\$2,252</b>	<b>\$5,007</b>	<b>\$7,548</b>	<b>\$3,097</b>	<b>\$3,792</b>	<b>\$24,097</b>	<b>\$10,192</b>	<b>\$4,264</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,249</b>	<b>\$60,249</b>	<b>\$943,000</b>	<b>\$0</b>	<b>6.4%</b>
<b>Category 2: Price Responsive Programs</b>																	
Capacity Bidding Program (CBP)	\$36,506	\$16,465	\$16,778	\$11,811	\$5,637	\$14,719	\$26,660	\$15,207	\$0	\$0	\$0	\$0	\$143,782	\$143,782	\$2,181,000	\$0	6.6%
Summer Saver	\$6,185	\$8,960	\$209,584	\$59,978	\$75,702	\$57,423	\$56,141	\$65,150	\$0	\$0	\$0	\$0	\$539,123	\$539,123	\$2,534,408	\$0	21.3%
Peak Time Rebate (PTR)	\$2,770	\$4,498	\$4,900	\$4,336	\$3,274	\$2,612	\$1,468	\$2,763	\$0	\$0	\$0	\$0	\$26,621	\$26,621	\$198,000		13.4%
<b>Budget Category 2 Total</b>	<b>\$45,461</b>	<b>\$29,923</b>	<b>\$231,262</b>	<b>\$76,125</b>	<b>\$84,613</b>	<b>\$74,754</b>	<b>\$84,269</b>	<b>\$83,119</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$709,526</b>	<b>\$709,526</b>	<b>\$4,913,408</b>	<b>\$0</b>	<b>14.4%</b>
<b>Category 4: Emerging &amp; Enabling Technologies</b>																	
Emerging Technologies (ET)	\$194,777	\$30,255	\$18,830	\$73,994	\$192,608	\$44,278	\$14,856	\$16,620	\$0	\$0	\$0	\$0	\$586,218	\$586,218	\$723,000		81.1%
Small Customer Technology Incentives (SCTD)	\$14,928	\$101,996	\$113,816	\$8,605	\$69,586	\$140,941	\$24,804	\$64,038	\$0	\$0	\$0	\$0	\$538,714	\$538,714	\$1,430,000		37.7%
Technical Incentives (TI) <sup>3</sup>	\$19,810	\$69,388	\$46,797	\$27,451	\$56,849	\$54,647	\$100,110	\$64,038	\$0	\$0	\$0	\$0	\$439,090	\$439,090	\$2,960,000	(\$340,000)	14.8%
<b>Budget Category 4 Total</b>	<b>\$229,515</b>	<b>\$201,639</b>	<b>\$179,443</b>	<b>\$110,050</b>	<b>\$319,043</b>	<b>\$239,866</b>	<b>\$139,770</b>	<b>\$144,696</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,564,021</b>	<b>\$1,564,021</b>	<b>\$5,113,000</b>	<b>(\$340,000)</b>	<b>30.6%</b>
<b>Category 5: Pilots</b>																	
Summer Saver PCT Pilot	\$0	\$0	\$0	\$316	\$473	\$366	\$395	\$448	\$0	\$0	\$0	\$0	\$1,998	\$1,998	\$77,532		2.6%
Small Commercial Energy Management Pilot <sup>3</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$603	\$1,347	\$0	\$0	\$0	\$0	\$1,950	\$1,950	\$340,000	\$340,000	
Armed Forces Pilot <sup>1</sup>	\$0	\$3,555	(\$600)	\$550	\$2,127	\$1,532	\$1,753	\$27	\$0	\$0	\$0	\$0	\$8,943	\$8,943	\$250,000		3.6%
OverGeneration Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$696,956		0.0%
Demand Response Auction Mechanism Pilot (DRAM)	\$18,031	\$12,680	\$37,218	\$27,870	\$31,711	\$43,203	\$68,002	\$238,083	\$0	\$0	\$0	\$0	\$476,799	\$476,799	\$4,500,000	\$0	10.6%
<b>Budget Category 5 Total</b>	<b>\$18,031</b>	<b>\$16,235</b>	<b>\$36,618</b>	<b>\$28,736</b>	<b>\$34,311</b>	<b>\$45,101</b>	<b>\$70,753</b>	<b>\$239,905</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$489,690</b>	<b>\$489,690</b>	<b>\$5,864,488</b>	<b>\$340,000</b>	<b>8.4%</b>
<b>Category 6: Evaluation, Measurement &amp; Verification</b>																	
DRMEC	\$76,891	\$73,460	\$135,209	\$31,661	\$137,466	\$36,934	\$40,198	\$25,634	\$0	\$0	\$0	\$0	\$557,453	\$557,453	\$1,535,000		36.3%
Research	\$0	\$0	\$26,046	\$0	\$0	\$0	\$10,419	\$0	\$0	\$0	\$0	\$0	\$36,465	\$36,465	\$200,000		18.2%
<b>Budget Category 6 Total</b>	<b>\$76,891</b>	<b>\$73,460</b>	<b>\$161,255</b>	<b>\$31,661</b>	<b>\$137,466</b>	<b>\$36,934</b>	<b>\$50,617</b>	<b>\$25,634</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$593,918</b>	<b>\$593,918</b>	<b>\$1,735,000</b>	<b>\$0</b>	<b>34.2%</b>
<b>Category 7: Marketing Education &amp; Outreach</b>																	
Local Marketing Education & Outreach <sup>2</sup>	(\$29,657)	\$8,195	\$25,041	\$1,198	\$5,946	\$27,732	\$7,510	\$5,488	\$0	\$0	\$0	\$0	\$51,452	\$51,452	\$885,000	\$0	5.8%
<b>Budget Category 7 Total</b>	<b>(\$29,657)</b>	<b>\$8,195</b>	<b>\$25,041</b>	<b>\$1,198</b>	<b>\$5,946</b>	<b>\$27,732</b>	<b>\$7,510</b>	<b>\$5,488</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$51,452</b>	<b>\$51,452</b>	<b>\$885,000</b>	<b>\$0</b>	<b>5.8%</b>
<b>Category 8: DR System Support Activities</b>																	
Regulatory Policy & Program Support	\$41,363	\$68,745	\$60,950	\$55,856	\$79,560	\$67,329	\$59,321	\$62,139	\$0	\$0	\$0	\$0	\$495,263	\$495,263	\$838,000		59.1%
IT Infrastructure & System Support	\$7,846	\$76,084	\$216,684	\$13,343	\$25,601	\$284,133	\$18,640	\$146,527	\$0	\$0	\$0	\$0	\$788,857	\$788,857	\$2,307,000		34.2%
<b>Budget Category 8 Total</b>	<b>\$49,209</b>	<b>\$144,829</b>	<b>\$277,634</b>	<b>\$69,199</b>	<b>\$105,161</b>	<b>\$351,462</b>	<b>\$77,960</b>	<b>\$208,666</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,284,120</b>	<b>\$1,284,120</b>	<b>\$3,145,000</b>	<b>\$0</b>	<b>40.8%</b>
<b>Category 10: Special Projects</b>																	
Permanent Load Shifting <sup>4</sup>	(\$2,442)	\$5,206	\$5,567	\$5,192	\$1,477,870	(\$1,466,839)	\$4,590	\$6,067	\$0	\$0	\$0	\$0	\$35,211	\$35,211	\$1,613,000	\$0	2.2%
<b>Budget Category 10 Total</b>	<b>(\$2,442)</b>	<b>\$5,206</b>	<b>\$5,567</b>	<b>\$5,192</b>	<b>\$1,477,870</b>	<b>(\$1,466,839)</b>	<b>\$4,590</b>	<b>\$6,067</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,211</b>	<b>\$35,211</b>	<b>\$1,613,000</b>	<b>\$0</b>	<b>2.2%</b>
<b>Total Incremental Cost</b>	<b>\$389,260</b>	<b>\$484,494</b>	<b>\$924,368</b>	<b>\$325,258</b>	<b>\$2,168,202</b>	<b>(\$666,894)</b>	<b>\$445,661</b>	<b>\$717,838</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,788,187</b>	<b>\$4,788,187</b>	<b>\$24,211,896</b>	<b>\$0</b>	<b>19.8%</b>

**Notes:**  
<sup>1</sup> Charges for Armed Forces Pilot to be corrected in SDG&E's timekeeping system. Corrections in the system will be reflected in the CPUC Monthly DR Report by the end of 3rd Quarter 2017.  
<sup>2</sup> Per Resolution E-4820 (April 2, 2017), fund shift of \$50,000 within Category 7 Marketing Education & Outreach (Local Marketing Education & Outreach) to fund AB 793 Pilot ( Small Commercial Energy Management Pilot) within same category resulting in a net 0 for Category 7. Reference Fund Shift Log tab.  
<sup>3</sup> Per Resolution E-4820 (April 2, 2017), fund shift from Technology Incentives (TI) of \$340,000 to fund AB 793 Pilot (Small Commercial Energy Management Pilot) Per Resolution E-4820. Reference Fund Shift Log tab.  
<sup>4</sup> Permanent Load Shifting: May and June total dollars include a duplicative system generated accrual for \$1,472,213.75 that reversed in June. Difference of \$11,031.20 (\$1,477,870 minus \$1,466,839) represents Labor and Non Labor Charges for May and June.

(End of page)

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS  
CARRY-OVER EXPENDITURES FROM (2015-2016) PROGRAM CYCLE  
August 2017**

Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Program-to-Date Total Expenditures 2017
	Demand Bidding Program (DBP)	\$3,262	(\$1,226)	(\$158)	(\$295)	\$0	\$0	\$0	(\$134)	\$0	\$0	\$0	
<b>Budget Category 2 Total</b>	\$3,262	(\$1,226)	(\$158)	(\$295)	\$0	\$0	\$0	(\$134)	\$0	\$0	\$0	\$0	\$1,449
New Construction Demand Response Program (NCDRP) <sup>1</sup>	\$1,764	(\$1,169)	\$19,313	\$2,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,804
<b>Budget Category 5 Total</b>	\$1,764	(\$1,169)	\$19,313	\$2,896	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,804
<b>Total Incremental Cost</b>	\$5,026	(\$2,395)	\$19,155	\$2,601	\$0	\$0	\$0	(\$134)	\$0	\$0	\$0	\$0	\$24,253

**Notes:**

<sup>1</sup> New Construction Demand Response Program (NCDRP) Total Year-To-Date Expenditures for 2017 is \$22,804.00 which represents the close out efforts from the previous Program Cycle 2015-2016.

(End of page)



**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS  
MARKETING, EDUCATION & OUTREACH  
Aug 2017**

2017 Funding Cycle Customer Communication, Marketing, and Outreach													Year-to Date 2017 Expenditures	Authorized Budget (if Applicable)
January	February	March	April	May	June	July	August	September	October	November	December			
<b>I. STATEWIDE MARKETING</b>														
IOU Administrative Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Statewide ME&O contract	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>I. TOTAL STATEWIDE MARKETING</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>II. UTILITY MARKETING BY ACTIVITY</b>														
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016														
<b>PROGRAMS, RATES &amp; ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING<sup>1,2</sup></b>														
Small Customer Technology Deployment	(\$32,189)	\$8,656	\$23,640	\$985	\$985	\$13,812	\$1,710	\$3,916	\$0	\$0	\$0	\$0	\$21,514	\$150,000
Permanent Load Shifting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Technology Incentives	\$491	\$0	\$0	\$0	\$0	\$4,000	\$0	\$226	\$0	\$0	\$0	\$0	\$4,717	\$60,000
Summer Saver	(\$186)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$186)	\$25,000
CPP-D	\$1,079	\$1,999	\$1,206	\$0	\$4,279	\$0	\$2,157	\$341	\$0	\$0	\$0	\$0	\$11,061	\$400,000
Smart Pricing (TOU+)	\$145	(\$3,018)	\$0	\$213	\$510	\$9,755	\$3,642	\$1,006	\$0	\$0	\$0	\$0	\$12,253	\$200,000
Customer Awareness, Education and Outreach (CEAO - DR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Marketing Education and Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local IDSM Marketing	\$26,869	\$48,649	\$49,557	\$76,147	\$58,966	\$72,941	\$30,441	\$44,738	\$0	\$0	\$0	\$0	\$408,308	\$910,715
<b>PROGRAMS &amp; RATES WHICH REQUIRE ITEMIZED ACCOUNTING</b>														
<b>Reduce Your Use (PTR)</b>														
Customer Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	(\$348)	\$0	\$0	\$4,332	\$3,273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,258	\$0
Paid Media	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$1,165	\$558	\$194	\$4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,922	\$0
<b>II. TOTAL UTILITY MARKETING BY ACTIVITY</b>	<b>(\$2,974)</b>	<b>\$56,844</b>	<b>\$74,597</b>	<b>\$81,682</b>	<b>\$68,013</b>	<b>\$100,508</b>	<b>\$37,950</b>	<b>\$50,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$466,846</b>	
<b>III. UTILITY MARKETING BY ITEMIZED COST</b>														
Customer Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$6,262	\$231	\$101	\$213	\$1,033	\$2,315	\$4,552	\$1,428	\$0	\$0	\$0	\$0	\$16,135	\$0
Labor	\$27,863	\$29,599	\$34,635	\$32,468	\$44,156	\$41,081	\$19,902	\$39,620	\$0	\$0	\$0	\$0	\$269,324	\$0
Paid Media	(\$40,921)	\$16,190	\$23,771	\$10,980	\$12,181	\$45,025	\$7,339	\$2,555	\$0	\$0	\$0	\$0	\$77,120	\$0
Other Costs	\$3,822	\$10,824	\$16,092	\$38,020	\$10,645	\$12,088	\$6,157	\$6,623	\$0	\$0	\$0	\$0	\$104,272	\$0
<b>III. TOTAL UTILITY MARKETING BY ITEMIZED COST</b>	<b>(\$2,974)</b>	<b>\$56,843</b>	<b>\$74,599</b>	<b>\$81,682</b>	<b>\$68,015</b>	<b>\$100,509</b>	<b>\$37,950</b>	<b>\$50,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$466,851</b>	
<b>IV. UTILITY MARKETING BY CUSTOMER SEGMENT</b>														
Agricultural	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Large Commercial and Industrial	\$14,999	\$13,854	\$15,165	\$29,489	\$26,278	\$30,003	\$11,463	\$13,380	\$0	\$0	\$0	\$0	\$154,632	\$0
Small and Medium Commercial	\$13,503	\$10,346	\$13,959	\$29,596	\$22,255	\$30,880	\$11,127	\$13,316	\$0	\$0	\$0	\$0	\$144,982	\$0
Residential	(\$31,476)	\$32,643	\$45,474	\$22,596	\$19,482	\$39,625	\$15,360	\$23,530	\$0	\$0	\$0	\$0	\$167,234	\$0
<b>IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT</b>	<b>(\$2,974)</b>	<b>\$56,843</b>	<b>\$74,598</b>	<b>\$81,682</b>	<b>\$68,015</b>	<b>\$100,508</b>	<b>\$37,950</b>	<b>\$50,226</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$466,849</b>	

**Notes:**

<sup>1</sup> Programs, Rates & Activities do not include "Marketing My Account/Energy and Integrated Online Audit Tools" - the 2012 ICEAT program is funded through D.09-09-047.

<sup>2</sup> Programs, Rates & Activities do not include "Critical Peak Pricing > 200kW" (CPP-D) as program funding is not approved or directed in D.12-04-045.

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**  
**FUND SHIFT LOG**  
**August 2017**

**FUND SHIFTING DOCUMENTATION PER DECISION 09-08-027 ORDERING PARAGRAPH 35**

**OP 35: The utilities may shift up to 50% of a program funds to another program within the same budget category. The utilities shall document the amount of and reason for each shift in their monthly demand response reports.**

<b>Program Category</b>	<b>Fund Shift</b>	<b>Programs Impacted</b>	<b>Date</b>	<b>Rationale for Fundshift</b>
Category 4: Emerging & Enabling Technologies	(\$340,000)	Technology Incentives (TI)	5/5/2017	Fund shift \$340k to fund Small Commercial Energy Management Pilot AB 793 per Resolution E-4820 (April 6, 2017).
Category 7: Marketing Education & Outreach Activities	(\$50,000)	Reduce Your Use Thermostat	5/5/2017	Fund shift \$50k to fund Small Commercial Energy Management Pilot AB 793 per Resolution E-4820 (April 6, 2017).
Category 7: Marketing Education & Outreach Activities	\$50,000	Small Commercial Energy Management Pilot	5/5/2017	Fund shift \$50k to fund Small Commercial Energy Management Pilot AB 793 per Resolution E-4820 (April 6, 2017).
Category 5: Pilots	\$340,000	Small Commercial Energy Management Pilot	5/5/2017	Fund Small Commercial Energy Management Pilot AB 793 per Resolution E-4820 (April 6, 2017).
<b>Total</b>	<b>\$0</b>			

(End of page)

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**

**EVENT SUMMARY**

**August 2017**

**Year-to-Date Event Summary**

<b>Program Category</b>	<b>Event No.</b>	<b>Date</b>	<b>Event Trigger</b>	<b>Load Reduction kW <sup>1</sup></b>	<b>Event Beginning:End</b>	<b>Program Tolled Hours (Annual) <sup>2</sup></b>
Capacity Bidding Program - Day Ahead	1	06/20/17	Met Price Triggers	0.00	3:00 PM to 7:00 PM	4
Capacity Bidding Program - Day Ahead	2	06/21/17	Met Price Triggers	0.00	3:00 PM to 7:00 PM	8
Capacity Bidding Program - Day Ahead	3	06/22/17	Met Price Triggers	0.00	3:00 PM to 7:00 PM	12
Capacity Bidding Program - Day Ahead	4	07/07/17	Met Price Triggers	0.11	3:00 PM to 7:00 PM	16
Capacity Bidding Program - Day Ahead	5	8/1/2017	Met Price Triggers	0.26	3:00 PM to 7:00 PM	20
Capacity Bidding Program - Day Ahead	6	8/2/2017	Met Price Triggers	1.01	3:00 PM to 7:00 PM	24
Capacity Bidding Program - Day Ahead	7	08/03/17	Met Price Triggers	0.00	3:00 PM to 7:00 PM	28
Capacity Bidding Program - Day Ahead	8	8/22/2017	Met Price Triggers	1.06	3:00 PM to 7:00 PM	32
Capacity Bidding Program - Day Ahead	9	8/28/2017	Met Price Triggers	0.92	3:00 PM to 7:00 PM	36
Capacity Bidding Program - Day Ahead	10	8/29/2017	Met Price Triggers	1.32	3:00 PM to 7:00 PM	40
Capacity Bidding Program - Day Ahead	11	8/30/2017	Met Price Triggers	0.76	3:00 PM to 7:00 PM	44
Capacity Bidding Program - Day Ahead	12	8/31/2017	Met Price Triggers	0.74	3:00 PM to 7:00 PM	48
Capacity Bidding Program - Day Of	13	8/1/2017	Met Price Triggers	3.03	3:00 PM to 7:00 PM	4
Capacity Bidding Program - Day Of	14	8/2/2017	Met Price Triggers	4.09	3:00 PM to 7:00 PM	8
Capacity Bidding Program - Day Of	15	8/28/2017	Met Price Triggers	3.59	4:00 PM to 7:00 PM	11
Capacity Bidding Program - Day Of	16	8/30/2017	Met Price Triggers	5.10	5:00 PM to 7:00 PM	13
Capacity Bidding Program - Day Of	17	8/31/2017	Met Price Triggers	4.63	3:00 PM to 7:00 PM	17
BIP	18	8/31/2017	System load/temperature	2.18	11:00 AM to 3:00 PM	4
CPP	19	8/31/2017	System load/temperature	7.18	11:00 AM to 6:00 PM	7
Summer Saver Residential & Commercial	20	8/1/2017	System load	10.60	4:00 PM to 8:00 PM	4
Summer Saver Residential & Commercial	21	8/2/2017	System load	12.66	4:00 PM to 8:00 PM	8
Summer Saver Residential & Commercial	22	8/3/2017	System load	8.92	4:00 PM to 8:00 PM	12
Summer Saver Residential & Commercial	23	08/07/17	System load	2.20	7:00 PM to 8:00 PM	13
Summer Saver Residential & Commercial	24	08/08/17	System load	5.08	6:00 PM to 8:00 PM	15
Summer Saver Residential & Commercial	25	8/28/2017	System load	7.68	4:00 PM to 8:00 PM	19
Summer Saver Residential & Commercial	26	8/29/2017	System load	7.68	5:30 PM to 9:00 pm	22.5
Summer Saver Residential & Commercial	27	8/31/2017	System load	9.54	4:00 PM to 8:00 PM	26.5
Reduce Your Use Rewards (PTR)	28	8/31/2017	System load/temperature	4.10	11:00 AM to 6:00 PM	7
Reduce Your Use Thermostat- Res (SCTD)	29	8/31/2017	System load/temperature	6.00	2:00 PM to 6:00 pm	4
PCT- SMB (SCTD)	30	8/31/2017	System load/temperature	5.30	2:00 PM to 6:00 pm	4
Reduce Your Use (TOU-A-P & TOU-PA-P)	31	8/31/2017	System load/temperature	0.70	11:00 AM to 6:00 PM	7
Reduce Your Use (TOU-DR-P)	32	8/31/2017	System load/temperature	0.50	11:00 AM to 6:00 PM	7
<b>Notes:</b>						
<sup>1</sup> If the kW Load Reduction is 0.00, there was no actual load reduction.						
<sup>2</sup> Program Tolled Hours (Annual) is accumulated.						
<b>(End of page)</b>						

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**  
**TOTAL COST AND AMDRMA ACCOUNT BALANCES (\$000)**  
 August 2017

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Cost
<b>Administrative (O&amp;M)</b>													
Base Interruptible Program	\$2.3	\$3.0	\$3.6	\$3.1	\$3.8	\$3.7	\$10.2	\$4.3	\$0.0	\$0.0	\$0.0	\$0.0	\$33.9
DBP	\$3.2	(\$1.2)	(\$0.1)	(\$0.3)	\$0.0	\$0.0	\$0.0	(\$0.1)	\$0.0	\$0.0	\$0.0	\$0.0	\$1.5
Capacity Bidding Program	\$36.5	\$16.5	\$16.8	\$11.8	\$5.6	\$14.7	\$16.7	\$14.7	\$0.0	\$0.0	\$0.0	\$0.0	\$133.4
PTR	\$2.7	\$4.5	\$5.0	\$4.3	\$3.3	\$2.6	\$1.5	\$2.8	\$0.0	\$0.0	\$0.0	\$0.0	\$26.7
Emerging Markets/Technologies	\$194.8	\$30.2	\$18.8	\$74.0	\$192.6	\$44.3	\$14.9	\$16.6	\$0.0	\$0.0	\$0.0	\$0.0	\$586.2
SCTD	(\$11.5)	\$72.1	\$21.0	\$23.0	\$37.6	\$23.9	\$15.9	\$29.1	\$0.0	\$0.0	\$0.0	\$0.0	\$211.0
Technology Incentives	\$19.8	\$68.0	\$46.8	\$27.5	\$44.1	\$54.6	\$100.1	(\$56.8)	\$0.0	\$0.0	\$0.0	\$0.0	\$304.1
New Construction DR	\$1.8	(\$1.2)	\$19.3	\$2.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$22.8
Local Marketing Education & Outreach	(\$29.9)	\$8.1	\$25.0	\$1.2	\$5.9	\$27.7	\$7.5	\$5.5	\$0.0	\$0.0	\$0.0	\$0.0	\$51.1
Regulatory Policy	\$41.3	\$68.8	\$61.0	\$55.9	\$79.6	\$67.3	\$59.3	\$62.1	\$0.0	\$0.0	\$0.0	\$0.0	\$495.3
Information Technology	\$7.8	\$76.0	\$216.0	\$13.3	\$25.6	\$284.1	\$18.6	\$146.5	\$0.0	\$0.0	\$0.0	\$0.0	\$788.0
Permanent Load Shifting	\$4.5	\$5.2	\$5.6	\$5.2	\$5.7	\$5.4	\$4.6	\$6.1	\$0.0	\$0.0	\$0.0	\$0.0	\$42.2
DRAM	\$9.3	\$9.0	\$12.5	\$10.7	\$13.3	\$13.3	\$13.0	\$6.9	\$0.0	\$0.0	\$0.0	\$0.0	\$88.0
SW-COM-Customer Services (TA)	\$11.2	\$34.7	\$33.7	\$32.9	\$28.2	\$49.8	\$126.3	\$28.4	\$0.0	\$0.0	\$0.0	\$0.0	\$345.3
SW-IND-Customer Services (TA)	\$2.6	\$6.5	\$5.1	\$4.8	\$4.8	\$5.9	\$7.6	\$8.5	\$0.0	\$0.0	\$0.0	\$0.0	\$45.8
SW-AG-Customer Services (TA)	\$0.5	\$1.6	\$1.1	\$1.0	\$1.2	\$1.4	\$1.0	\$1.5	\$0.0	\$0.0	\$0.0	\$0.0	\$9.3
Local-IDSM-ME&O-Local Marketing	\$26.9	\$48.6	\$49.6	\$76.1	\$59.0	\$72.9	\$30.4	\$44.7	\$0.0	\$0.0	\$0.0	\$0.0	\$408.3
Local-IDSM-ME&O-Behavioral Programs	(\$11.8)	(\$86.6)	\$341.0	\$324.1	\$29.5	(\$13.9)	\$33.4	\$37.3	\$0.0	\$0.0	\$0.0	\$0.0	\$653.1
Local-IDSM-ME&O-Small Commercial Behavior	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SW-ME&O	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Summer Saver	\$6.2	\$9.5	\$209.6	\$60.0	\$75.7	\$57.3	\$56.1	\$65.2	\$0.0	\$0.0	\$0.0	\$0.0	\$539.5
Celerity <sup>1</sup>	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.8
Summer Saver PCT Pilot	\$0.0	\$0.0	\$0.0	\$0.3	\$0.5	\$0.4	\$0.4	\$0.4	\$0.0	\$0.0	\$0.0	\$0.0	\$2.0
Armed Forces Pilot	\$0.0	\$3.6	(\$0.6)	\$0.6	\$2.1	\$1.5	\$1.8	\$0.3	\$0.0	\$0.0	\$0.0	\$0.0	\$9.2
Small Commercial Energy Management Pilot	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.6	\$1.3	\$0.0	\$0.0	\$0.0	\$0.0	\$2.0
OverGen Pilot	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Administrative (O&amp;M)</b>	<b>\$318.3</b>	<b>\$377.0</b>	<b>\$1,090.9</b>	<b>\$732.5</b>	<b>\$618.3</b>	<b>\$717.1</b>	<b>\$520.0</b>	<b>\$425.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4,799.6</b>
<b>Capital</b>													
Base Interruptible Program	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Emerging Markets	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Capital</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Measurement and Evaluation</b>													
Research	\$0.0	\$0.0	\$26.0	\$0.0	\$0.0	\$0.0	\$10.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$36.4
General Administration	\$76.9	\$73.5	\$135.2	\$31.7	\$137.5	\$36.9	\$40.2	\$25.6	\$0.0	\$0.0	\$0.0	\$0.0	\$557.5
<b>Total M&amp;E</b>	<b>\$76.9</b>	<b>\$73.5</b>	<b>\$161.2</b>	<b>\$31.7</b>	<b>\$137.5</b>	<b>\$36.9</b>	<b>\$50.6</b>	<b>\$25.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$593.9</b>
<b>Customer Incentives</b>													
Base Interruptible Program	\$0.0	\$1.9	\$4.0	\$0.0	\$0.0	\$20.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$26.3
Capacity Bidding Program	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$10.0	\$0.5	\$0.0	\$0.0	\$0.0	\$0.0	\$10.4
DBP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SCTD	\$26.3	\$29.9	\$92.8	(\$14.3)	\$32.0	\$117.1	\$8.9	\$34.9	\$0.0	\$0.0	\$0.0	\$0.0	\$327.5
Technology Incentives	\$1.3	\$1.3	\$0.0	\$0.0	\$12.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$15.3
New Construction DR	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SW-COM-Customer Services (TA)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
PLS <sup>2</sup>	(\$6.9)	\$0.0	\$0.0	\$0.0	\$1,472.2	(\$1,472.2)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$6.9)
DRAM	\$8.7	\$3.7	\$24.7	\$17.2	\$18.4	\$29.9	\$55.0	\$231.2	\$0.0	\$0.0	\$0.0	\$0.0	\$388.7
Small Commercial Energy Management Pilot	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Summer Saver	(\$0.1)	(\$1.0)	\$0.0	\$0.0	\$0.0	\$0.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$1.0)
<b>Total Customer Incentives</b>	<b>\$29.3</b>	<b>\$35.8</b>	<b>\$121.5</b>	<b>\$2.8</b>	<b>\$1,535.3</b>	<b>(\$1,304.6)</b>	<b>\$73.9</b>	<b>\$266.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$760.6</b>
<b>Total</b>	<b>\$424.5</b>	<b>\$486.3</b>	<b>\$1,373.6</b>	<b>\$767.0</b>	<b>\$2,291.1</b>	<b>(\$550.6)</b>	<b>\$644.5</b>	<b>\$717.7</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$6,154.0</b>
<b>AMDRMA Account End of Month Balance for WG2</b>	<b>\$431.4</b>	<b>\$493.9</b>	<b>\$1,378.2</b>	<b>\$774.5</b>	<b>\$2,299.9</b>	<b>(\$544.3)</b>	<b>\$654.7</b>	<b>\$728.6</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$6,216.8</b>

<sup>1</sup> Budget under a different proceeding.

<sup>2</sup> Permanent Load Shifting in May includes an additional system generated accrual for \$1,472.2 which has been corrected and reversed in June.

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS**  
**GENERAL RATE CASE PROGRAMS (\$000)**  
 August 2017

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
<b>Programs in General Rate Case</b>													
<b>Administrative (O&amp;M)</b>													
AL-TOU-CP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
CPP-D	\$6.9	\$3.5	\$5.6	\$6.5	\$6.2	\$5.1	\$4.5	\$5.2	\$0.0	\$0.0	\$0.0	\$0.0	\$43.4
SLRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Peak Generation (RBRP)	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1
<b>Total Administrative (O&amp;M)</b>	<b>\$7.0</b>	<b>\$3.5</b>	<b>\$5.6</b>	<b>\$6.5</b>	<b>\$6.2</b>	<b>\$5.1</b>	<b>\$4.5</b>	<b>\$5.2</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$43.5</b>
<b>Capital</b>													
Peak Generation (RBRP)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Capital</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Measurement and Evaluation</b>													
Peak Generation (RBRP)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total M&amp;E</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Customer Incentives</b>													
AL-TOU-CP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
BIP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SLRP	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Peak Generation (RBRP)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Customer Incentives</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Revenue from Penalties</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>
<b>Total GRC Program Costs</b>	<b>\$7.0</b>	<b>\$3.5</b>	<b>\$5.6</b>	<b>\$6.5</b>	<b>\$6.2</b>	<b>\$5.1</b>	<b>\$4.5</b>	<b>\$5.2</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$43.5</b>

(End of page)

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS  
DIRECT PARTICIPATION DR MEMO ACCOUNT (\$000)  
August 2017**

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
<b>Programs in Direct Participation Demand Response Memorandum Account</b>													
<b>Administrative (O&amp;M) Rule 32<sup>1</sup></b>	(\$102.9)	\$102.3	\$263.3	\$32.2	\$51.6	\$40.9	(\$251.6)	\$35.0	\$0.0	\$0.0	\$0.0	\$0.0	\$170.8
<b>Total Administrative (O&amp;M)</b>	(\$102.9)	\$102.3	\$263.3	\$32.2	\$51.6	\$40.9	(\$251.6)	\$35.0	\$0.0	\$0.0	\$0.0	\$0.0	\$170.8
<b>Capital</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Capital</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Measurement and Evaluation</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total M&amp;E</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Customer Incentives</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Customer Incentives</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Revenue from Penalties</b>	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total DPDRMA Program Costs</b>	(\$102.9)	\$102.3	\$263.3	\$32.2	\$51.6	\$40.9	(\$251.6)	\$35.0	\$0.0	\$0.0	\$0.0	\$0.0	\$170.8

<sup>1</sup> In July, a labor reclassification was performed to move labor charges from a refundable internal order to a capital internal order.