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August 21, 2019

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 JULY 2019**

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:

<https://www.sdge.com/regulatory-filing/711/amended-2009-2011-sdges-demand-response-application>

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

Sincerely,

/s/ Esau Guardado

Esau Guardado
Regulatory Case Manager

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
 July 2019

Programs	January			February			March			April			May			June		
	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ^{2,4}	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ^{2,4}	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ^{2,4}	Service Accounts	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²
Interruptible/Reliability																		
BIP - (20 minute option)	5	0.09	2.12	5	0.19	2.12	5	0.89	1.89	5	0.73	1.89	5	0.80	1.89	5	0.72	1.89
Sub-Total Interruptible	5	0.09	2.12	5	0.19	2.12	5	0.89	1.89	5	0.73	1.89	5	0.80	1.89	5	0.72	1.89
Demand Response Programs																		
CPP-D (Large and Medium customers)	10,620	7.69	15.46	14,755	10.84	21.48	14,765	-	9.25	14,667	-	9.18	14,662	0.74	9.18	14,663	-	9.18
Armed Forces Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Over Generation Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	1	-	-
Small Business Energy Management Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
AC Saver Day-Ahead Residential	16,888	-	7.20	17,063	-	7.27	17,168	0.00	2.77	17,291	2.57	2.79	17,408	2.77	2.81	17,804	2.75	2.88
AC Saver Day-Ahead Commercial	1,561	-	1.91	1,565	-	1.91	1,567	0.00	0.74	1,569	0.28	0.74	1,570	0.50	0.74	1,582	0.43	0.75
AC Saver Day-Of Residential	10,129	-	2.50	10,480	-	4.35	10,206	0.00	2.52	10,107	-	2.49	9,479	0.64	2.34	9,386	0.14	2.32
AC Saver Day-Of Commercial	3,556	-	0.42	3,643	-	0.76	3,545	0.00	0.42	3,505	0.35	0.42	3,457	0.45	0.41	3,460	0.37	0.41
CBP - Day-Ahead	0	-	-	0	-	-	0	-	-	0	-	-	11	0.03	0.08	11	0.03	0.08
CBP - Day-Of	0	-	-	0	-	-	0	-	-	0	-	-	185	2.57	3.44	184	2.56	3.42
TOU-A-P Small Commercial	113,095	0.29	4.42	113,078	0.29	4.42	112,959	1.11	2.77	112,813	1.52	2.76	112,626	1.67	2.76	112,506	1.53	2.76
TOU-DR-P Voluntary Residential	9,351	0.48	1.71	9,697	0.42	1.78	10,255	0.35	2.19	11,373	0.42	2.43	12,300	0.51	2.63	12,961	0.59	2.77
Sub-Total Demand Response Programs	165,200	8.46	33.62	170,281	11.54	41.97	170,465	1.46	20.66	171,325	5.14	20.82	171,698	9.89	24.4	172,558	8.40	24.56
Total All Programs	165,205	8.55	35.74	170,286	11.73	44.09	170,470	2.35	22.55	171,330	5.88	22.72	171,703	10.69	26.3	172,563	9.12	26.45

Programs	July			August			September			October			November			December		
	Service Accounts	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW
Interruptible/Reliability																		
BIP - (20 minute option)	5	0.72	1.89	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Sub-Total Interruptible	5	0.72	1.89	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Demand Response Programs																		
CPP-D (Large and Medium customers)	14,663	3.85	9.18	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Armed Forces Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Over Generation Pilot	1	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Small Business Energy Management Pilot	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
AC Saver Day-Ahead Residential	18,496	3.11	2.99	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
AC Saver Day-Ahead Commercial	1,589	0.81	0.75	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
AC Saver Day-Of Residential	9,410	2.46	2.32	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
AC Saver Day-Of Commercial	3,467	0.71	0.41	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
CBP - Day-Ahead	5	0.01	0.03	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
CBP - Day-Of	156	2.17	2.90	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
TOU-A-P Small Commercial	112,393	1.95	2.75	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
TOU-DR-P Voluntary Residential	13,516	0.94	2.89	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Sub-Total Demand Response Programs	173,696	16.0	24.2	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
Total All Programs	173,701	16.7	26.1	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

Notes:

¹ The ex-ante average per customer are based on PY17 SDG&E DR Load Impacts report filed on April 2, 2018 for the months of January and February. The ex-ante average per customer are based on PY18 SDG&E DR Load Impacts report filed on April 2, 2019 for the months of March thru December.

² The ex-post average per customer are based on PY17 SDG&E DR Load Impacts report filed on April 2, 2018 for the months of January and February. The ex-post average per customer are based on PY18 SDG&E DR Load Impacts report filed on April 2, 2019 for the months of March thru December.

³ Service Accounts for AC Saver Day-Of Commercial and Residential were updated in April report for January - March. Numbers previously reported were higher due to closed accounts inadvertently being included in totals.

⁴ The Ex Post Estimated MW were updated for January-March slightly decreased for AC Saver Day Of Commercial and Residential. Reference footnote no.3 above.

- Capacity Bidding Program reports the number of nominations not enrollments.
- The resource adequacy measurement hours were modified to HE17-HE21 (4:00 p.m. – 9:00 p.m.) for each month of the year beginning in 2019.
- PTR Residential Program ended December 31, 2018.

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
July 2019

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of January	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - (20 minute option)	17.31	37.18	177.43	146.55	160.39	144.32	144.17	143.59	156.49	118.57	133.34	153.62	5,142	Applicable to all non-residential time-of-use metered customers who can commit to curtail at least 15% of Monthly Average Peak Demand, with a minimum load reduction of 100 kW and who request service per the Base Interruptible Program (BIP) Schedule and comply with Special Condition 3. The BIP Schedule is available to bundled, Direct Access (DA), and Community Choice Aggregation (CCA) customers. Qualifying customers are required to complete a BIP Contract with SDG&E in order to participate in BIP Tariff.
CPP-D (Large and Medium customers)	0.72	0.73	0.00	0.00	0.05	0.00	0.26	0.26	0.47	0.14	0.00	0.00	18,466	The CPP-D Schedule is the default commodity rate for customers currently receiving bundled utility service on a commercial/industrial rate schedule for customers whose Maximum Monthly Demand is equal to or exceeds or is expected to equal or exceed 20 kW for twelve consecutive months. The CPP-D Schedule is not applicable to DA or CCA customers.
AC Saver Day-Ahead Residential	0.00	0.00	0.00	0.15	0.16	0.15	0.17	0.18	0.19	0.16	0.00	0.00	564,565	AC Saver is a voluntary demand response program available to all residential customers with air conditioner (AC) units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. Residential customers with Net Energy Metering are not eligible to participate in the AC Saver Schedule. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of in the past we used 62% based on historical RASS data - growth between 2003-2009.
AC Saver Day-Ahead Commercial	0.00	0.00	0.00	0.18	0.32	0.27	0.51	0.69	0.71	0.47	0.00	0.00	152,067	AC Saver is a voluntary demand response program available to all commercial customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. This schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of we used 85% based on commercial estimates.
AC Saver Day-Of Residential	0.00	0.00	0.00	0.00	0.07	0.01	0.26	0.39	0.48	0.26	0.00	0.00	564,565	AC Saver is a voluntary demand response program available to all residential customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. Residential customers with Net Energy Metering are not eligible for this schedule. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of in the past we used 62% based on historical RASS data - growth between 2003-2009.
AC Saver Day-Of Commercial	0.00	0.00	0.00	0.10	0.13	0.11	0.20	0.25	0.30	0.20	0.00	0.00	134,989	AC Saver is a voluntary demand response program available to all commercial customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of we used 85% based on commercial estimates.
CBP - Day-Ahead	0.00	0.00	0.00	0.00	2.80	2.80	2.80	2.80	2.80	2.80	0.00	0.00	44,734	The CBP Schedule is available to commercial and industrial Utility customers receiving Bundled Utility service, DA service or CCA service, and being billed on a Utility commercial, industrial or agricultural rate schedule.
CBP - Day-Of	0.00	0.00	0.00	0.00	13.90	13.90	13.90	13.90	13.90	13.90	0.00	0.00	44,734	The CBP Schedule is available to commercial and industrial Utility customers receiving Bundled Utility service, DA service or CCA service, and being billed on a Utility commercial, industrial or agricultural rate schedule.
TOU-DR-P Voluntary Residential	0.05	0.04	0.03	0.04	0.04	0.05	0.07	0.08	0.07	0.06	0.04	0.05	1,129,129	The TOU-DR-P Voluntary Residential Schedule (TOU-DR-P Schedule) provides residential customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. The TOU-DR-P Schedule is not applicable to commercial customers. The TOU-DR-P Schedule is not applicable to DA, Transitional Bundled Service (TBS) or CCA customers.
TOU-A-P Small Commercial	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	121,723	The TOU-A-P Small Commercial Schedule (TOU-A-P Schedule) provides commercial customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this TOU-A-P Schedule is the default commodity rate for customers currently receiving bundled utility service on a small non-residential rate schedule; or a medium/large non-residential rate schedule with a Maximum Monthly Demand below 20 kW for three consecutive months. The TOU-A-P Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered. In order for this TOU-A-P Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. The TOU-A-P Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. The TOU-A-P Schedule is available to customers with the Utility Distribution Company (UDC) service of Schedule TOU-A. The TOU-A-P Schedule is optionally available to Expanded California Alternate Rates for Energy (CARE) customers. The TOU-A-P Schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on TOU-A-P Schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on TOU-A-P Schedule who choose to switch to a residential rate schedule may not return to the TOU-A-P Schedule. The TOU-A-P Schedule is not applicable to DA, Transitional Bundled Service (TBS) or CCA customers.

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
July 2019

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of January	Eligibility Criteria (Refer to tariff for specifics)	
	January	February	March	April	May	June	July	August	September	October	November	December			
BIP - (20 minute option)	423.79	423.79	378.93	378.93	378.93	378.93	378.93	378.93	378.93	378.93	378.93	378.93	378.93	5,142	Applicable to all non-residential time-of-use metered customers who can commit to curtail at least 15% of Monthly Average Peak Demand, with a minimum load reduction of 100 kW and who request service per the Base Interruptible Program (BIP) Schedule and comply with Special Condition 3. The BIP Schedule is available to bundled, Direct Access (DA), and Community Choice Aggregation (CCA) customers. Qualifying customers are required to complete a BIP Contract with SDG&E in order to participate in BIP Tariff.
CPP-D (Large and Medium customers)	1.46	1.46	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	18,466	The CPP-D Schedule is the default commodity rate for customers currently receiving bundled utility service on a commercial/industrial rate schedule for customers whose Maximum Monthly Demand is equal to or exceeds or is expected to equal or exceed 20 kW for twelve consecutive months. The CPP-D Schedule is not applicable to DA or CCA customers.
AC Saver Day-Ahead Residential	0.43	0.43	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	564,565	AC Saver is a voluntary demand response program available to all residential customers with air conditioner (AC) units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. Residential customers with Net Energy Metering are not eligible to participate in the AC Saver Schedule. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of in the past we used 62% based on historical RASS data - growth between 2003-2009.
AC Saver Day-Ahead Commercial	1.22	1.22	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	152,067	AC Saver is a voluntary demand response program available to all commercial customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. This schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of we used 85% based on commercial estimates.
AC Saver Day-Of Residential	0.42	0.42	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	564,565	AC Saver is a voluntary demand response program available to all residential customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. Residential customers with Net Energy Metering are not eligible for this schedule. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of in the past we used 62% based on historical RASS data - growth between 2003-2009.
AC Saver Day-Of Commercial	0.21	0.21	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	134,989	AC Saver is a voluntary demand response program available to all commercial customers with AC units installed at their premise with SDG&E approved technology capable of curtailing the customers' AC unit. The AC Saver Schedule is available to customers receiving Bundled Utility Service or, DA service and billed by the Utility. Service on the AC Saver Schedule must be taken in combination with the customer's otherwise applicable rate schedule. Note: AC Saver Day Of we used 85% based on commercial estimates.
CBP - Day-Ahead	9.91	9.91	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	6.95	44,734	The CBP Schedule is available to commercial and industrial Utility customers receiving Bundled Utility service, DA service or CCA service, and being billed on a Utility commercial, industrial or agricultural rate schedule.
CBP - Day-Of	18.38	18.38	18.59	18.59	18.59	18.59	18.59	18.59	18.59	18.59	18.59	18.59	18.59	44,734	The CBP Schedule is available to commercial and industrial Utility customers receiving Bundled Utility service, DA service or CCA service, and being billed on a Utility commercial, industrial or agricultural rate schedule.
TOU-DR-P Voluntary Residential	0.18	0.18	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	1,129,129	The TOU-DR-P Voluntary Residential Schedule (TOU-DR-P Schedule) provides residential customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. The TOU-DR-P Schedule is not applicable to commercial customers. The TOU-DR-P Schedule is not applicable to DA, Transitional Bundled Service (TBS) or CCA customers.
TOU-A-P Small Commercial	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	121,723	The TOU-A-P Small Commercial Schedule (TOU-A-P Schedule) provides commercial customers with the opportunity to manage their electric costs by either reducing load during high cost pricing periods defined as a Reduce Your Use (RYU) Event Day, or shifting load from high cost pricing periods to lower cost pricing periods. Except as set forth below, this TOU-A-P Schedule is the default commodity rate for customers currently receiving bundled utility service on a small non-residential rate schedule; or a medium/large non-residential rate schedule with a Maximum Monthly Demand below 20 kW for three consecutive months. The TOU-A-P Schedule is available to general service including lighting, appliances, heating, and power, or any combination thereof, including common use and whose facility is separately metered. In order for this TOU-A-P Schedule to take effect, the customer must have a smart meter installed, tested, and verified according to Utility procedures. The TOU-A-P Schedule is not applicable to any customer whose Maximum Monthly Demand equals, exceeds, or is expected to equal or exceed 20 kW for 12 consecutive months. The TOU-A-P Schedule is available to customers with the Utility Distribution Company (UDC) service of Schedule TOU-A. The TOU-A-P Schedule is optionally available to Expanded California Alternate Rates for Energy (CARE) customers. The TOU-A-P Schedule is not applicable to residential customers, except for those three-phase residential customers taking service on this schedule as of April 12, 2007 who may remain on TOU-A-P Schedule while service continues in their name at the same service address. Those three-phase residential customers remaining on TOU-A-P Schedule who choose to switch to a residential rate schedule may not return to the TOU-A-P Schedule. The TOU-A-P Schedule is not applicable to DA, Transitional Bundled Service (TBS) or CCA customers.

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.
- The Ex-Post average per customer are based on PY17 SDG&E DR Load Impacts report filed on April 2, 2018 for the months of January and February.
- The Ex-Post average per customer are based on PY18 SDG&E DR Load Impacts report filed on April 2, 2019 for the months of March thru December.
- PTR Residential Program ended December 31, 2018.

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SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
Auto-DR (TI) and Technology Deployment (TD) Programs Breakdown of MWs
July 2019

	Jan	Feb	March	April	May	June	July	August	September	October	November	December
Eligible Programs	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CBP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFP	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

- Notes:**
- Auto DR Verified MWs: Represent the verified/tested MW for service accounts from completed TI (i.e. must be enrolled in DR).
 - All accounts in the TI program have completed their 3 year program commitments.

	Jan	Feb	March	April	May	June	July	August	September	October	November	December
Eligible Programs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs	Technology Deployment-Residential MWs
AC Saver Day-Ahead Residential	7.2	7.3	2.8	2.8	2.8	2.9	3.0	0.0	0.0	0.0	0.0	0.0
TOU-DR-P Voluntary Residential	0.4	0.4	0.1	0.1	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0
DRAM	0.4	0.4	0.1	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Total	7.9	8.0	3.1	3.1	3.1	3.2	3.3	0.0	0.0	0.0	0.0	0.0

- Notes:**
- Technology Deployment (TD) Verified MWs: Represents the average load reduction expected on an event day based on the ex-post results for customers with qualifying technology.

	Jan	Feb	March	April	May	June	July	August	September	October	November	December
Eligible Programs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs¹	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs	Technology Deployment-Commercial MWs¹	Technology Deployment-Commercial MWs
AC Saver Day-Ahead Commercial	1.9	1.9	0.7	0.7	0.7	0.7	0.8	0.0	0.0	0.0	0.0	0.0
TOU-A-P Small Commercial	1.5	1.5	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
CPP-D	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
CBP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AFP	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0
Total	4.1	4.1	1.6	1.6	1.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0

- Notes:**
- Technology Deployment (TD) Verified MWs: Represents the average load reduction expected on an event day based on the ex-post results for customers with qualifying technology.

¹ In May's 2019 report August and November inadvertently included MW's for some of the Eligible Programs listed but should have been zero (0) MWs.

(End of page)

SAN DIEGO GAS & ELECTRIC REPORT COMPANY ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
YEAR TO DATE PROGRAM EXPENDITURES
 July 2019

Cost Item	2019 Expenditures												2018 Expenditures	Year-to Date 2019 Expenditures	Program Cycle-to-Date Total Expenditures (2018-2019)	5-Year Funding (2018-2022)	Fund shift Adjustments	Percent Funding
	January	February	March	April	May	June	July	August	September	October	November	December						
Category 1: Supply Side DR Programs																		
AC Saver Day-Ahead	\$50,442	\$17,805	\$6,940	\$8,975	\$8,721	\$7,355	\$11,489	\$0	\$0	\$0	\$0	\$0	\$241,024	\$111,726	\$352,751	\$2,869,200	\$0	12.3%
AC Saver Day-Of	\$8,797	\$94,226	\$44,333	\$2,685	\$73,951	\$68,212	\$37,917	\$0	\$0	\$0	\$0	\$0	\$1,433,436	\$330,121	\$1,763,557	\$9,020,700	\$0	19.6%
Base Interruptible Program (BIP) ^{1,7}	(\$917)	\$8,393	\$11,990	\$5,789	\$24,114	\$16,582	(\$2,896)	\$0	\$0	\$0	\$0	\$0	\$197,876	\$63,055	\$260,930	\$4,664,400	\$0	5.6%
Capacity Bidding Program (CBP)	\$17,976	\$11,595	\$15,244	\$14,000	\$27,784	\$12,414	\$12,481	\$0	\$0	\$0	\$0	\$0	\$444,057	\$111,493	\$555,550	\$10,301,202	(\$234,498)	5.4%
Peak Time Rebate (PTR) ^{1,2}	(\$194)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,520	(\$194)	\$15,326	\$19,800	\$0	77.4%
Budget Category 1 Total	\$76,104	\$132,019	\$78,507	\$31,449	\$134,570	\$104,562	\$58,991	\$0	\$0	\$0	\$0	\$0	\$2,331,914	\$616,201	\$2,948,115	\$26,875,302	(\$234,498)	11.0%
Category 2: Load Modifying Demand Response Program																		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
Budget Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
Category 3: Demand Response Auction Mechanism (DRAM)																		
Demand Response Auction Mechanism Pilot (DRAM)	\$97,033	\$21,650	\$202,064	\$14,601	\$18,078	\$200,212	\$31,250	\$0	\$0	\$0	\$0	\$0	\$866,776	\$584,888	\$1,451,664	\$3,000,000	\$0	48.4%
Budget Category 3 Total	\$97,033	\$21,650	\$202,064	\$14,601	\$18,078	\$200,212	\$31,250	\$0	\$0	\$0	\$0	\$0	\$866,776	\$584,888	\$1,451,664	\$3,000,000	\$0	48.4%
Category 4: Emerging & Enabling Technologies																		
Emerging Technology (ET)	\$13,273	\$23,611	\$14,293	\$19,299	\$39,445	\$25,308	\$56,316	\$0	\$0	\$0	\$0	\$0	\$469,610	\$191,545	\$661,155	\$3,483,000	\$0	19.0%
Technology Deployment (TD)	\$42,845	\$60,670	\$45,896	\$42,482	\$36,966	\$49,940	\$90,324	\$0	\$0	\$0	\$0	\$0	\$548,238	\$369,122	\$917,360	\$3,794,000	\$0	24.2%
Technology Incentives (TI) ⁷	\$93,064	\$20,718	\$22,685	\$23,381	\$83,960	\$21,596	(\$99,957)	\$0	\$0	\$0	\$0	\$0	\$308,331	\$165,447	\$473,778	\$11,267,000	(\$700,000)	4.2%
Budget Category 4 Total	\$149,182	\$104,999	\$82,874	\$85,162	\$160,370	\$96,843	\$46,683	\$0	\$0	\$0	\$0	\$0	\$1,326,179	\$726,113	\$2,052,292	\$18,544,000	(\$700,000)	11.1%
Category 5: Pilots																		
Armed Forces Pilot (AFP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,112	\$0	\$8,112	\$2,587,000	\$0	0.3%
Constrained Local Capacity Program (CLCP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$0	0.0%
Over Generation Pilot (OGP)	\$4,111	\$5,751	\$4,904	\$5,055	\$4,928	\$4,141	\$2,529	\$0	\$0	\$0	\$0	\$0	\$353,294	\$31,420	\$384,713	\$2,148,000	\$0	17.9%
Small Business Energy Management Pilot (SBEMP) ⁶	\$3,185	\$3,612	\$1,679	\$1,299	(\$6,407)	\$3,334	\$0	\$0	\$0	\$0	\$0	\$0	\$36,810	\$6,703	\$43,513	\$340,000	\$0	12.8%
Budget Category 5 Total	\$7,296	\$9,363	\$6,583	\$6,355	(\$1,479)	\$7,475	\$2,529	\$0	\$0	\$0	\$0	\$0	\$398,215	\$38,122	\$436,338	\$5,125,000	\$0	8.5%
Category 6: Marketing, Education, and Outreach																		
Local Marketing Education & Outreach (LME&O) ⁴	\$123,347	\$8,878	\$46,003	(\$6,889)	(\$36,381)	\$179,049	\$64,645	\$0	\$0	\$0	\$0	\$0	\$588,732	\$378,652	\$967,384	\$4,502,000	\$0	21.5%
Budget Category 6 Total	\$123,347	\$8,878	\$46,003	(\$6,889)	(\$36,381)	\$179,049	\$64,645	\$0	\$0	\$0	\$0	\$0	\$588,732	\$378,652	\$967,384	\$4,502,000	\$0	21.5%
Category 7: Portfolio Support																		
Regulatory Policy & Program Support (Gen. Admin.)	\$31,242	\$37,571	\$33,664	\$22,012	\$35,551	\$26,681	\$36,438	\$0	\$0	\$0	\$0	\$0	\$608,292	\$223,159	\$831,450	\$4,095,000	\$0	20.3%
IT Infrastructure & Systems Support ³	\$43,571	\$187,728	\$1,003,871	\$211,419	\$200,886	\$180,025	\$206,425	\$0	\$0	\$0	\$0	\$0	\$1,794,645	\$2,033,924	\$3,828,569	\$7,948,000	\$0	48.2%
EM&V ⁵	\$67,688	\$80,076	\$247,532	(\$14,914)	\$107,962	\$92,118	(\$40,748)	\$0	\$0	\$0	\$0	\$0	\$695,976	\$539,714	\$1,235,691	\$5,600,600	(\$194,400)	22.1%
DR Potential Study	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$19,580	\$100,000	\$119,580	\$1,000,000	\$0	12.0%
Budget Category 7 Total	\$142,500	\$305,375	\$1,285,067	\$218,516	\$344,399	\$298,823	\$302,116	\$0	\$0	\$0	\$0	\$0	\$3,118,494	\$2,896,797	\$6,015,291	\$18,643,600	(\$194,400)	32.3%
Total Incremental Cost	\$595,461	\$582,284	\$1,701,098	\$349,193	\$619,558	\$886,965	\$506,215	\$0	\$0	\$0	\$0	\$0	\$8,630,310	\$5,240,774	\$13,871,084	\$76,689,902	(\$1,128,898)	18.1%

Notes:

¹ Credits are related to accrual reversals which occurred in a prior reporting period (Dec 2018).

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
 CARRY-OVER EXPENDITURES FROM (2017) PROGRAM CYCLE
 July 2019

Cost Item	2017-2018 Carry Over Expenditures												Total Carry Over Expenditures 2017-2018
	January	February	March	April	May	June	July	August	September	October	November	December	
Capacity Bidding Program	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 1 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Summer Saver	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Small Commercial Technology Deployment (SCTD) ²	\$0	\$0	\$0	(\$8,300)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 4 Total	\$0	\$0	\$0	(\$8,300)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,300)
Summer Saver PCT Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 5 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Marketing Education & Outreach (LMEO)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 6 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Load Shifting (PLS) ¹	(\$121,800)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 10 Total	(\$121,800)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$121,800)
Celerity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Rate Case (GRC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Incremental Cost	(\$121,800)	\$0	\$0	(\$8,300)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$130,100)

Notes:

¹ Credit is a result of an expense accrued at a higher dollar amount versus what was paid. This project is the last of the PLS projects that were committed 2017 through 2018.

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
FUND SHIFT LOG
July 2019

Program Category	Fund Shift	Programs Impacted	Date	Rationale for Fund Shift
1	(\$234,498)	Capacity Bidding Program (CBP)	7/21/2018	Per Resolution E-4906 (issued 7/21/18), Ordering Paragraph 30 approved a total fund shift of \$934,498 of which \$234,498 shifted from the Capacity Bidding Program to support the Back Up Generators (BUGs) prohibited resources restrictions.
4	(\$700,000)	Technology Incentives (TI)	7/21/2018	Per Resolution E-4906 (issued 7/21/18), Ordering Paragraph 30 approved a total fund shift of \$934,498 of which \$700,000 to be shifted from the Technology Incentives Program to support the Back Up Generators (BUGs) prohibited resources restrictions.
7	(\$194,400)	EM&V	7/23/2018	Per SDG&E's AL 3031-E-B (filed July 23, 2018) a total of \$194,400 to be shifted from EM&V funds for the cost to test the installation of loggers, meters and the cost of the verification administrator to support the Back Up Generators (BUGs) prohibited resources restrictions.
AMDRMA	\$1,128,898	Back Up Generation Resources (BUGs)	7/21/2018	Per Resolution E-4906 (issued 7/21/18), Ordering Paragraph 30 approved a total fund shift of \$934,498 to support the Back Up Generators (BUGs) prohibited resources restrictions. Per SDG&E's AL 3031-E-B (filed July 23, 2018) a total of \$194,400 to be shifted from EM&V funds for the cost to test the installation of loggers, meters and the cost of the verification administrator to support the Back Up Generators (BUGs) prohibited resources restrictions.
Total	\$0			

Notes:

- All Fund Shifting Rules remain in effect as adopted in D.12-04-045 as referenced in D.17-12-003 at page 131.

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SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
MARKETING, EDUCATION & OUTREACH
 July 2019

2019 Expenditures for Marketing, Education and Outreach													Year-to Date 2018 Expenditures	Program Cycle-to Date 2018-2019 Expenditures	Authorized Budget (if Applicable) ¹
January	February	March	April	May	June	July	August	September	October	November	December				
I. UTILITY MARKETING BY ACTIVITY															
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING															
Local IDSM Marketing	\$42,611	\$49,062	\$60,541	\$48,726	\$25,727	\$32,494	\$20,048	\$0	\$0	\$0	\$0	\$0	\$695,389	\$974,599	\$857,842
Base Interruptible Program	\$631	\$0	\$2	\$240	\$68	\$1,407	\$394	\$0	\$0	\$0	\$0	\$0	\$7,806	\$10,548	\$35,302
Back Up Generators (BUGs) ³	\$0	\$0	\$0	\$560	(\$560)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
Capacity Bidding Program	\$1,254	\$0	\$3	\$477	\$136	\$2,797	\$735	\$0	\$0	\$0	\$0	\$0	\$4,890	\$10,292	\$78,149
AC Saver Day Ahead	\$3,374	\$0	\$7	\$1,183	\$314	\$6,934	\$2,258	\$0	\$0	\$0	\$0	\$0	\$49,397	\$63,466	\$303,150
AC Saver Day Of	\$7,259	\$8,382	\$16	\$12,222	\$749	\$16,566	\$4,347	\$0	\$0	\$0	\$0	\$0	\$30,844	\$80,384	\$303,150
Technology Deployment ³	\$34,234	\$527	\$22,944	(\$18,736)	(\$21,404)	\$24,947	\$6,582	\$0	\$0	\$0	\$0	\$0	\$73,279	\$122,373	\$643,043
Technology Incentives	\$5,655	\$0	\$11	\$2,153	\$1,382	\$12,613	\$3,386	\$0	\$0	\$0	\$0	\$0	\$21,090	\$46,290	\$383,701
CPP-D ²	\$19,845	(\$31)	\$42	\$7,172	\$3,025	\$42,362	\$11,488	\$0	\$0	\$0	\$0	\$0	\$107,380	\$191,284	\$1,102,357
Smart Pricing ³	\$51,095	\$0	\$22,977	(\$12,160)	(\$20,091)	\$71,424	\$35,457	\$0	\$0	\$0	\$0	\$0	\$210,841	\$359,542	\$1,653,537
Small Customer Technology Deployment (SCTD)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,329	\$2,329	\$0
Small Business Energy Management Pilot (SBEMP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$530	\$530	\$50,000
Permanent Load Shifting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING															
Reduce Your Use (PTR)															
Customer Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Paid Media	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
I. TOTAL UTILITY MARKETING BY ACTIVITY	\$165,958	\$57,940	\$106,544	\$41,837	(\$10,653)	\$211,543	\$84,694	\$0	\$0	\$0	\$0	\$0	\$1,203,775	\$1,861,637	
II. UTILITY MARKETING BY ITEMIZED COST															
Customer Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$0	\$8,382	\$163	\$1,832	\$3,470	\$9,188	\$5,279	\$0	\$0	\$0	\$0	\$0	\$79,346	\$107,660	\$0
Labor	\$27,234	\$30,339	\$32,485	\$41,442	\$29,595	\$25,125	\$17,859	\$0	\$0	\$0	\$0	\$0	\$423,225	\$627,304	\$0
Paid Media	\$76,540	\$11,777	\$0	\$41,133	\$14,500	\$171,376	\$45,775	\$0	\$0	\$0	\$0	\$0	\$378,002	\$739,102	\$0
Other Costs ³	\$62,184	\$7,442	\$73,896	(\$42,570)	(\$58,218)	\$5,854	\$15,781	\$0	\$0	\$0	\$0	\$0	\$323,205	\$387,574	\$0
II. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$165,958	\$57,940	\$106,544	\$41,837	(\$10,653)	\$211,543	\$84,694	\$0	\$0	\$0	\$0	\$0	\$1,203,777	\$1,861,640	
III. UTILITY MARKETING BY CUSTOMER SEGMENT															
Agricultural ³	\$0	\$0	\$0	\$185	(\$185)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Large Commercial and Industrial	\$44,261	\$16,034	\$18,682	\$21,279	\$10,277	\$70,006	\$23,022	\$0	\$0	\$0	\$0	\$0	\$344,661	\$548,221	\$0
Small and Medium Commercial ³	\$43,677	\$16,065	\$30,115	\$5,639	(\$4,250)	\$49,337	\$25,482	\$0	\$0	\$0	\$0	\$0	\$314,337	\$480,402	\$0
Residential ³	\$78,019	\$25,842	\$57,748	\$14,734	(\$16,495)	\$92,200	\$36,190	\$0	\$0	\$0	\$0	\$0	\$544,779	\$833,016	\$0
III. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$165,958	\$57,940	\$106,544	\$41,837	(\$10,653)	\$211,543	\$84,694	\$0	\$0	\$0	\$0	\$0	\$1,203,777	\$1,861,639	

Notes:

SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
EVENT SUMMARY
April-July 2019

Year-to-Date Event Summary						
Program Category	Event No.	Date	Event Trigger	Load Reduction MW ¹	Event Beginning to End	Program Total Hours (Annual) ²
AC Saver DA Residential (thermostats)	1	4/24/2019	Heat Rate	1.8	7:00pm-9:00pm	2
AC Saver DA Commercial (thermostats)	2	4/24/2019	Heat Rate	0.3	7:00pm-9:00pm	2
CBP DA 1pm-9pm	3	6/10/2019	Market Price	0.7	7:00pm-9:00pm	2
AC Saver DO (Summer Saver) Commercial & Residential	4	6/10/2019	Heat Rate	2.1	7:00pm-9:00pm	2
CBP DO 1pm-9pm	5	6/10/2019	Market Price	3.1	6:00pm-8:00pm	2
CBP DA 1pm-9pm	6	6/11/2019	Market Price	0.7	6:00pm-8:00pm	4
CBP DO 1pm-9pm	7	6/11/2019	Market Price	3.2	6:00pm-8:00pm	4
CBP DA 1pm-9pm	8	6/12/2019	Market Price	0.6	6:00pm-9:00pm	7
AC Saver DO (Summer Saver) Commercial & Residential	9	6/23/2019	Heat Rate	0.4	7:00pm-9:00pm	4
AC Saver DO (Summer Saver) Commercial & Residential	10	7/12/2019	Heat Rate	2.2	6:00pm-8:00pm	6
AC Saver DO (Summer Saver) Commercial & Residential	11	7/22/2019	Heat Rate	3.6	6:00pm-8:00pm	8
AC Saver DO (Summer Saver) Commercial & Residential	12	7/23/2019	Heat Rate	4.8	5:00pm-8:00pm	11
CBP DA 11am-7pm	13	7/23/2019	Market Price	0.4	5:00pm-7:00pm	2
CBP DA 1pm-9pm	14	7/23/2019	Market Price	0.0	6:00pm-8:00pm	9
CBP DO 1pm-9pm	15	7/23/2019	Market Price	1.3	6:00pm-8:00pm	6
AC Saver DO (Summer Saver) Commercial & Residential	16	7/24/2019	Heat Rate	6.9	6:00pm-8:00pm	13
AC Saver DA Residential (thermostats)	17	7/22/2019	Heat Rate	2.7	6:00pm-9:00pm	5
AC Saver DA Commercial (thermostats)	18	7/22/2019	Heat Rate	0.6	6:00pm-9:00pm	5
AC Saver DA Residential (thermostats)	19	7/23/2019	Heat Rate	3.7	6:00pm-8:00pm	7
AC Saver DA Commercial (thermostats)	20	7/23/2019	Heat Rate	0.5	6:00pm-8:00pm	7
AC Saver DA Residential (thermostats)	21	7/24/2019	Heat Rate	7.5	6:00pm-8:00pm	11
AC Saver DA Commercial (thermostats)	22	7/24/2019	Heat Rate	0.8	6:00pm-8:00pm	9
CBP DA 11am-7pm	23	7/24/2019	Market Price	0.5	5:00pm-7:00pm	4
CBP DA 1pm-9pm	24	7/24/2019	Market Price	(0.1)	6:00pm-8:00pm	11
CBP DO 11am-7pm	25	7/24/2019	Market Price	0.1	5:00pm-7:00pm	2
CBP DO 1pm-9pm	26	7/24/2019	Market Price	1.4	6:00pm-8:00pm	8
CBP DA 1pm-9pm	27	7/25/2019	Market Price	(0.1)	6:00pm-8:00pm	13
CBP DO 1pm-9pm	28	7/25/2019	Market Price	1.3	6:00pm-8:00pm	10
AC Saver DO (Summer Saver) Commercial & Residential	29	7/29/2019	Heat Rate	1.6	6:00pm-8:00pm	15
AC Saver DA Residential (thermostats)	30	7/29/2019	Heat Rate	3.8	6:00pm-8:00pm	13
AC Saver DA Commercial (thermostats)	31	7/29/2019	Heat Rate	0.2	6:00pm-8:00pm	11

Notes:

¹ If the MW Load Reduction is 0.00, there was no actual load reduction. If the MW Load Reduction is negative, there was an increase of load during the event hours.

² Program Total Hours (Annual) is cumulative

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SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
TOTAL COST AND AMDRMA ACCOUNT BALANCES (\$000)
July 2019

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Cost
Administrative (O&M)													
AC Saver Day-Ahead	\$4.0	\$7.9	\$6.8	\$9.0	\$8.7	\$7.4	\$11.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$55.3
AC Saver Day-Of	\$8.8	\$94.4	\$44.0	\$2.7	\$74.0	\$68.2	\$37.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$330.0
Base Interruptible Program (BIP) ^{1,11}	(\$3.9)	\$8.4	\$9.4	\$3.9	\$22.4	\$9.7	(\$10.6)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$39.2
Back Up Generators (BUGs)	\$0.0	\$0.0	\$0.4	\$0.6	\$0.6	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1.5
Capacity Bidding Program (CBP) ¹¹	\$18.0	\$11.6	\$15.2	\$14.0	\$27.8	\$12.4	(\$3.0)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$96.0
Peak Time Rebate (PTR) ¹	(\$0.2)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.2)
Demand Response Auction Mechanism (DRAM)	\$9.7	\$7.3	\$11.6	\$6.1	\$11.1	\$8.3	\$5.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$59.4
Emerging Tech (ET)	\$13.3	\$23.6	\$14.3	\$19.3	\$39.4	\$25.3	\$56.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$191.5
Technology Deployment (TD)	\$21.3	\$35.8	\$36.1	\$23.7	\$26.4	\$30.9	\$40.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$215.1
Technology Incentives (TI) ¹¹	\$79.6	\$20.7	\$22.7	\$23.4	\$84.0	\$21.6	(\$100.0)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$152.0
Armed Forces 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
Over Gen Pilot	\$4.1	\$5.8	\$4.9	\$5.1	\$4.9	\$4.1	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$31.4
Small Business Energy Management Pilot (SBEMP) ⁹	\$3.2	\$3.6	\$1.7	\$1.3	(\$6.4)	\$3.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$6.7
Constrained Local Capacity Program (CLCP)	\$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
Local Marketing Education & Outreach (LMEO) ⁷	\$123.3	\$8.9	\$46.0	(\$6.9)	(\$36.4)	\$179.0	\$64.6	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$378.7
General Admin	\$31.2	\$37.6	\$33.7	\$22.0	\$35.6	\$26.7	\$36.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$223.2
IT ⁶	\$43.6	\$187.7	\$1,003.9	\$211.4	\$200.9	\$180.0	\$206.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$2,033.9
EM&V ⁸	\$67.7	\$80.1	\$247.5	(\$14.9)	\$108.0	\$92.1	(\$40.7)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$539.7
DR Potential Study	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$100.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$100.0
SW-COM	\$112.7	\$29.8	\$84.5	\$4.9	\$8.3	\$30.0	\$2.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$272.7
SW-IND ^{2,4,7}	(\$7.6)	(\$3.7)	\$21.2	(\$5.5)	(\$11.2)	\$7.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.9
SW-AG ⁴	\$1.4	(\$1.4)	\$1.1	\$0.4	(\$3.5)	\$1.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$0.2)
Local Marketing Res and Non-Res	\$42.6	\$49.1	\$60.5	\$48.7	\$25.7	\$32.5	\$20.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$279.2
Behavioral ¹⁰	\$100.7	\$188.4	\$93.9	\$101.2	\$101.1	(\$433.6)	\$126.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$277.8
Total Administrative (O&M)	\$673.5	\$795.5	\$1,759.4	\$470.4	\$721.1	\$307.6	\$556.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5,283.8
Customer Incentives													
AC Saver Day-Ahead	\$46.5	\$9.9	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$56.5
AC Saver Day-Of ⁵	\$0.0	(\$0.2)	\$0.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2
Base Interruptible Program (BIP)	\$3.0	\$0.0	\$2.6	\$1.9	\$1.7	\$6.9	\$7.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$23.9
Capacity Bidding Program (CBP)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$15.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$15.5
Demand Response Auction Mechanism (DRAM)	\$87.3	\$14.4	\$190.4	\$8.5	\$7.0	\$191.9	\$26.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$525.5
Technology Deployment (TD)	\$21.5	\$24.9	\$9.8	\$18.8	\$10.6	\$19.0	\$49.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$154.0
Technology Incentives (TI)	\$13.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$13.4
Armed Forces 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
Small Business Energy Management Pilot (SBEMP)	\$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
CPPD	\$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 ⁷	\$0.0	\$0.0	\$0.0	(\$8.3)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$8.3)
PLS ³	(\$121.8)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	(\$121.8)
Total Customer Incentives	\$49.9	\$48.9	\$203.3	\$20.8	\$19.3	\$217.8	\$98.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$658.8
Total	\$723.4	\$844.5	\$1,962.7	\$491.3	\$740.4	\$525.4	\$655.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5,942.5
AMDRMA Account End of Month Balance for Monthly Activity with Interest													
	\$724.1	\$846.9	\$1,967.9	\$499.1	\$749.5	\$535.6	\$665.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$5,989.1

¹ Credits are related to accrual reversals which occurred in a prior reporting period (Dec 2018).

² January Credit is a result of accrual reversals and a refund of an overpayment to vendor.

**SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
GENERAL RATE CASE PROGRAMS (\$000)
July 2019**

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
Programs in General Rate Case													
Administrative (O&M)													
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	\$2.5	\$4.0	\$4.0	\$2.9	\$4.2	\$3.3	\$2.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$23.8
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
Total Administrative (O&M)	\$2.5	\$4.0	\$4.0	\$2.9	\$4.2	\$3.3	\$2.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$23.8
Capital													
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
Total Capital	\$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
Measurement and Evaluation													
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
Total M&E	\$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
Customer Incentives													
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
Total Customer Incentives	\$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
Revenue from Penalties	\$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
Total GRC Program Costs	\$2.5	\$4.0	\$4.0	\$2.9	\$4.2	\$3.3	\$2.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$23.8

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SAN DIEGO GAS & ELECTRIC COMPANY REPORT ON INTERRUPTIBLE LOAD AND DEMAND RESPONSE PROGRAMS
DIRECT PARTICIPATION DR MEMO ACCOUNT (\$000)
July 2019

Annual Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
Programs in Direct Participation Demand Response Memorandum Account (DPDRMA)													
Administrative (O&M)													
Rule 32	\$0.8	\$14.8	\$7.4	\$3.4	\$6.6	\$4.7	\$4.8	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$42.4
Rule 32 Operations ²	\$11.1	\$36.5	\$18.8	\$19.5	\$33.9	\$21.1	\$27.5	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$168.4
Rule 32 Meter	\$5.9	\$5.7	\$1.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$12.6
Rule 32 CISR Enhancement ^{3,5}	\$0.0	\$2.4	\$25.7	\$30.1	\$1.0	\$297.4	(\$52.1)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$304.4
Rule 32 Click-Through ^{1,4}	\$11.4	\$13.7	\$3.3	\$3.0	(\$0.4)	\$0.8	\$0.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$32.4
Total Administrative (O&M)	\$29.3	\$73.0	\$56.2	\$55.9	\$41.1	\$324.0	(\$19.1)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$560.3
Capital Related Costs													
Depreciation	\$43.6	\$43.6	\$43.6	\$43.6	\$43.3	\$43.3	\$43.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$304.4
DPDRMA Tax	\$0.0	\$0.0	\$0.0	\$516.1	\$19.7	\$19.6	\$19.6						
DPDRMA Property Tax	\$0.0	\$0.0	\$0.0	\$25.1	\$2.5	\$2.5	\$2.4						
Return on Rate Base	\$11.6	\$11.3	\$11.0	\$10.8	\$10.5	\$10.2	\$9.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$75.4
Total Capital	\$55.2	\$54.9	\$54.6	\$595.5	\$76.1	\$75.7	\$75.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$987.4
Measurement and Evaluation													
	\$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
Total M&E	\$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
Customer Incentives													
	\$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
Total Customer Incentives	\$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
Revenue from Penalties	\$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
Total DPDRMA Program Costs	\$84.5	\$127.9	\$110.8	\$651.4	\$117.1	\$399.7	\$56.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,547.6
Total DPDRMA Program Costs with Interest	\$84.6	\$128.3	\$111.4	\$663.5	\$119.3	\$402.3	\$59.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$1,568.4

¹ Rule 32 click-through was approved in Decision 17-06-005.
² Rule 32 Operations was approved in AL 3191-E.
³ Rule 32 CISR Enhancement was approved in AL 3136-E.
⁴ May Credit is related to labor accrual reversal.
⁵ Credit is related to labor annd accounting accrual reversals.

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