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January 23, 2017

A.08-06-001 A.08-06-002 A.08-06-003

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 DECEMBER 2016

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 also being served on the most recent service list in Application 08-06-001, 08-06-002 and 08-06-003 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 Greg Barnes – SDG&E

SDG&E Central Files

San Diego Gas and Electric Interruptible and Price Responsive Programs Subscription Statistics - Enrolled MW December 2016

		January			February			March			April			May			June	
		Ex Ante			Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post
	Service	Estimated	Ex Post	Service	Estimate	Estimated	Service	Estimated	Estimat	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated
Programs	Accounts	MW	Estimated MW	Accounts	d MW	MW	Accounts	MW	ed MW	Accounts	MW	MW	Accounts	MW	MW	Accounts	MW	MW
Interruptible/Reliability																		
BIP - 30 minute option	5	1.87	1.49	5	1.92	1.49	5	1.95	1.49	5	1.42	1.54	6	1.83	1.85	7	2.17	2.16
Sub-Total Interruptible	5	1.87	1.49	5	1.92	1.49	5	1.95	1.49	5	1.42	1.54	6	1.83	1.85	7	2.17	2.16
Price Response																		
CPP-D	1,228	12.18	25.81	1,221	12.49	25.66	7,544	17.88	25.61	13,229	14.06	23.65	13,774	15.61	24.63	13,460	15.89	24.07
Summer Saver Residential	26,235	-	10.89	26,176	-	10.87	26,137	-	10.85	25,948	-	10.36	25,770	6.68	10.29	25,235	6.48	10.08
Summer Saver Commercial	11,131	-	3.23	11,093	-	3.22	11,044	-	3.21	10,959	-	1.81	11,042	2.77	1.82	10,971	2.76	1.81
CBP - Day-Ahead	297	-	23.51	208	-	16.46	200	-	15.83	200	-	15.83	0	-	-	0	-	-
CBP - Day-Of	297	-	5.20	272	-	4.76	356	-	6.23	356	-	6.23	169	3.56	4.41	206	4.33	5.38
PTR Residential	76,529	6.12	7.58	76,636	5.36	7.60	76,771		7.61	76,870	1.54	4.93	76,833	1.54	4.93	77,519	2.33	4.97
SCTD Residential	9,022	-	4.97	9,174	-	5.05	9,313	-	5.13	9,435	1.39	4.30	9,613	1.56	4.38	9,803	1.76	4.47
SCTD Commercial	2,758	0.06	5.48	2,837	-	5.64	2,889	-	5.74	2,920	0.87	6.63	2,935	1.26	6.66	2,992	1.36	6.79
DBP	9	1.79	4.64	9	3.27	4.64	9	1.22	4.64	9	3.49	-	9	3.23	-	9	2.12	-
TOU-A-P Small Commercial	42,535	-	-	47,691	-	-	85,131	-	-	113,710	1.14	-	116,206	1.16	-	118,053	1.18	-
Permanent Load Shifting	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-
Sub-Total Price Response	170,041	20.15	91.33	175,317	21.12	83.91	219,394	19.10	84.86	253,636	22.50	73.75	256,351	37.36	57.1	258,248	38.20	57.56
Total All Programs	170,046	22.02	92.82	175,322	23.04	85.41	219,399	21.05	86.35	253,641	23.91	75.29	256,357	39.19	59.0	258,255	40.37	59.73

		July			August			September			October			November			December	
	l	Ex Ante			Ex Ante	Ex Post		Ex Ante			Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post
	Service	Estimated	Ex Post	Service		Estimated		Estimated	Estimat	Service	Estimated	Estimated	Service	Estimated	Estimated	Service		Estimated
Programs	Accounts	MW	Estimated MW	Accounts	d MW	MW	Accounts	MW	ed MW	Accounts	MW	MW	Accounts	MW	MW	Accounts	MW	MW
Interruptible/Reliability																		
BIP - 30 minute option	7	1.60	2.16	7	1.41	2.16	7	1.70	2.16	7	1.95	2.16	7	0.33	2.16	7	0.13	2.16
Sub-Total Interruptible	7	1.6	2.2	7	1.4	2.2	7	1.7	2.2	7	2.0	2.2	7	0.3	2.2	7	0.1	2.2
Price Response																		
CPP-D	13,419	17.60	23.99	13,390	19.85	23.94	13,371	20.23	23.91	13,691	18.50	24.48	13,866	14.48	24.79	13,865	10.15	24.79
Summer Saver Residential	25,072	8.93	10.01	25,377	10.26	10.13	24,902	10.63	9.94	24,957	8.13	9.96	25,033	-	9.99	25,101	-	10.02
Summer Saver Commercial	10,915	2.89	1.80	10,778	2.95	1.78	10,728	2.95	1.77	10,791	2.81	1.78	10,847	-	1.79	10,911	-	1.80
CBP - Day-Ahead	68	4.28	4.50	72	4.53	4.77	72	4.53	4.77	71	4.46	4.70	0	-	-	0	-	-
CBP - Day-Of	198	4.17	5.17	201	4.23	5.25	203	4.27	5.30	137	2.88	3.58	0	-	-	0	-	-
PTR Residential	77,783	3.11	4.99	78,493	3.14	5.03	79,476	3.97	5.10	79,424	3.18	5.09	79,362	2.38	5.09	79,245	2.38	5.08
SCTD Residential	10,066	2.38	4.59	9,960	2.61	4.54	10,055	3.46	4.59	10,200	2.68	4.65	10,370	0.64	4.73		-	-
SCTD Commercial	3,016	2.08	6.85	3,043	2.67	6.91	3,079	2.74	6.99	3,114	1.97	7.07	3,146	0.69	7.14	3,205	-	7.28
DBP	9	2.60	-	9	2.58	-	9	3.15	-	9	3.40	-	9	3.08	-	9	2.06	-
TOU-A-P Small Commercial	118,449	1.18	-	118,550	1.19	-	117,740	1.18	- '	117,177	2.34	-	117,049	2.34	-	117,125	2.34	-
Permanent Load Shifting	0	-	-	0	-	-	0	-	-	0	-	-	1	-	0.31		-	-
Sub-Total Price Response	258,995	49.2	61.9	259,873	54.0	62.3	259,635	57.1	62.4	259,571	50.4	61.3	259,683	23.6	53.8	249,461	16.9	49.0
Total All Programs	259,002	50.8	64.1	259,880	55.4	64.5	259,642	58.8	64.5	259,578	52.3	63.5	259,690	23.9	56.0	249,468	17.1	51.1

Notes:

- PTR Residential Effective May 1, 2014 per D.13-07-003. Data reflects cumulative PTR residential customers who opt into the program.
 Permanent Load Shifting Service Accounts SDG&E only reports the active service accounts.
 Effective May 2016, Capacity Bidding will report the number of nominations not enrollments.

12 Dec 2016 CPUC Report Data.xlsx 1/23/2017

San Diego Gas and Electric Interruptible and Price Responsive Programs Subscription Statistics - Enrolled MW December 2016

					Avera	ge Ex Ante L	oad Impact	kW / Custon	ner					
Program	January	February	March	April	May	June	July	August	September	October	November	December	Eligible Accounts as of January 2016	Eligibility Criteria (Refer to tariff for specifics)
BIP - 30 minute option	374.1	383.2	390.7	283.3	304.2	309.6	227.9	200.8	242.3	278.7	47.3	18.3	5,159	All C & I customers > 100kW
CPP-D	9.9	10.2	2.4	1.1	1.1	1.2	1.3	1.5	1.5	1.4	1.0	0.7	24,290	All non-residential customers with interval meter
Summer Saver Residential	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4	0.4	0.3	0.0	0.0	564,966	Residential customers with AC
Summer Saver Commercial	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	134,205	Commercial Customers < 100kw
CBP - Day-Ahead	0.0	0.0	0.0	0.0	62.9	62.9	62.9	62.9	62.9	62.9	0.0	0.0	43,240	Non-residential customers on TOU rates
CBP - Day-Of	0.0	0.0	0.0	0.0	21.0	21.0	21.0	21.0	21.0	21.0	0.0	0.0	43,240	Non-residential customers on TOU rates
PTR Residential	0.1	0.1	0.0	0.020	0.020	0.030	0.040	0.040	0.050	0.040	0.030	0.030	1,129,932	Residential customers
SCTD Residential	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.0	564,966	Residential customers with AC and other constraints
SCTD Commercial	0.0	0.0	0.0	0.3	0.4	0.5	0.7	0.9	0.9	0.6	0.2	0.0	162,465	Commercial customers with AC
DBP	199.0	363.0	135.0	388.3	359.0	235.6	288.9	286.1	350.3	378.1	341.8	229.2	31	Non-residential customers who can provide load reduciton > 5 MW
OU-A-P Small Commercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116,059	Small Commercial customers with demand less than 20kW
Permanent Load Shifting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122,216	Customers on TOU rates

Notes:

12 Dec 2016 CPUC Report Data.xlsx

⁻ 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 2015.

⁻ The Estimated Average Ex Ante Load Impacts kW / Customer were updated from May through Oct for CBP Day-Of. Reason: Adjusted hours to reflect accuracy of the results.

					Average E	x Post Load	Impact kW /	Customer			T		Fliadala	
Program	January	February	March	April	May	June	July	August	September	October	November	December	Eligible Accounts as January 2016	Eligibility Criteria (Refer to tariff for specifics)
BIP - 30 minute option	298.4	298.4	298.4	309.0	309.0	309.0	309.0	309.0	309.0	309.0	309.0	309.0	5,159	All C & I customers > 100kW
CPP-D	21.0	21.0	3.4	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	24,290	All non-residential customers with interval meter
Summer Saver Residential	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	564,966	Residential customers with AC
Summer Saver Commercial	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	134,205	Commercial Customers < 100kw
CBP - Day-Ahead	79.2	79.2	79.2	79.2	66.20	66.20	66.20	66.20	66.20	66.20	66.20	66.20	43,240	Non-residential customers on TOU rates
CBP - Day-Of	17.5	17.5	17.5	17.5	26.10	26.10	26.10	26.10	26.10	26.10	26.10	26.10	43,240	Non-residential customers on TOU rates
PTR Residential	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1,129,932	All residential customers
DBP	515.9	515.9	515.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	564,966	Non-residential customers who can provide load reduciton > 5 MW
TOU-A-P Small Commercial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162,465	Small Commercial customers with demand less than 20kW
SCTD Residential	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	31	Residential customers with AC and other constraints
SCTD Commercial	2.0	2.0	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	116,059	Commercial customers with AC
Permanent Load Shifting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122,216	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 preceeding year if events occurred, as reported in the load impact reports filed in April 2015.
- The Estimated Average Ex Post Load Impacts kW / Customer were updated May-Dec (Programs: CPB Day Ahead and CPB Day Of). Reason: Adjusted hours to reflect accuracy of the results.
- The Estimated Average Ex Post Load Impacts kW / Customer were updated April-Dec (Programs: BIP-30 minute option, Summer Saver Residential, Summer Saver Commercial). Reason: Adjusted hours to reflect accuracy of the results.

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1/23/2017

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs (A)

2016		Ja	nuary			Feb	oruary			М	arch				April			N	<i>l</i> lay			J	une	
	TA	Auto DR	TIM 100 1	Total	TA	Auto DR	T 1.14 - 16 - 1	Total	TA	Auto DR	T 1.14 . 16 . 1	Total	TA	Auto DR	-11	Total		Auto DR	TIME 16	Total	TA	Auto DR	TIME 16	Total
Price Permaneiro	Identified	Verified MWs	TI Verified MWs	Technology MWs	Identified MWs	Verified MWs	TI Verified MWs	Technology MWs	Identified MWs	Verified MWs	TI Verified MWs	Technology MWs	Identified MWs	Verified MWs	TI Verified MWs	Technology MWs	Identified MWs	Verified MWs	TI Verified MWs	Technology	Identified MWs	Verified	TI Verified	Technology
Price Responsive CPP-D	MWs	IVIVVS	IVIVVS	8.2		5.9		IVIVS	IVIVVS	IVIVVS	IVIVVS	8.2		IVIVVS	IVIVVS	8.2	IVIVVS	IVIVVS	2.2	MWs	IVIVVS	MWs	MWs	MWs
CBP		12.9	2.3	14.4		12.9		14.4		12.6	2.3 1.5			12.6	2.3	14.1	+	12.6	2.3	14.1	1	12.6	2.3	14.1
Total		18.8		22.6		18.8		22.6		18.5	3.8			18.5		22.3		18.5	3.8	22.3		18.5	3.8	22.3
Interruptible/Reliability		10.0	0.0	22.0		10.0	0.0	22.0		10.0	0.0	22.0		10.0	0.0	22.0		10.0	0.0	22.0		10.0	0.0	0.0
Interruptible/Reliability																								0.0
SLRP																								0.0
Total		0.0	0.0	0.0		0.0	0.0	0.0	1	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total Technology MWs		18.8		22.6		18.8		22.6		18.5	3.8	22.3		18.5		22.3		18.5		22.3		18.5	3.8	22.3
			•						•				•		•		•		•				•	-
General Program			1		1			I		ı		1	T	ı		I					т т			
TA (may also be enrolled in TI and AutoDR)				50.0				50.0				50.0				50.0								
Total	0.0		-	59.3 59.3				59.3 59.3				59.3 59.3				59.3 59.3	0.0				0.0			
																39.3								
Total TA MWs	0.0			59.3	0.0			59.3	0.0			59.3	0.0				0.0				0.0			

		J	uly			Αι	ıgust			Sep	tember			Oc	tober			Nov	vember			Dec	ember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified	0,	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified		Identified	Verified	TI Verified		Identified	Verified		Technology
Price Responsive	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs
AMP																								
CBP ¹		12.64	1.5	14.1		12.65	1.5	14.1		12.8	1.5	14.3		12.8	1.5	14.3		12.9	1.5	14.3		12.9	1.5	14.3
DBP								0.0				0.0				0.0								
Peak Choice - Best Effort								0.0				0.0				0.0								•
Peak Choice - Committed								0.0				0.0				0.0								
CPP-D ²		5.9	2.3	8.2		5.9	2.3	8.2		5.9	2.3	8.2		5.9	2.3	8.2		5.9	2.3	8.2		5.9		5.9
Total		18.5	3.8	22.3		18.6	3.8	22.3		18.7	3.8	22.5		18.7	3.8	22.5		18.7	3.8	22.5		18.7	1.5	20.2
Interruptible/Reliability								0.0				0.0				0.0				0.0				0.0
BIP								0.0				0.0				0.0				0.0			i	0.0
OBMC SLRP								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
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
Total Technology MWs		18.5	3.8	22.3		18.6	3.8	22.3		18.7	3.8	22.5	0.0	18.7	3.8	22.5	0.0	18.7	3.8	22.5	0.0	18.7	1.5	20.2
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total	0.0				0.0			0.0				0.0				0.0				0.0				
Total TA MWs	0.0				0.0	•		0.0				0.0				0.0				0.0				

Notes:

TA Identified MWs column: Represents identified MW for service accounts from completed TA in accumulative value (may or may not be enrolled in DR).

TA Identified MWs column: Per D.12-04-045, Technical Audits was only funded through 2012. Ordering Paragraph 74 per D.12-04-045 requested SDG&E to seek funding for Integrated Demand Side Management (IDSM) activities in their request for 2013-2014 Energy Efficiency funding.

TI Verified MWs column: Represents verified MW for service accounts from completed TI (i.e. must be enrolled in DR) but not AutoDR in accumulative value; MW reported here not necessarily amount enrolled in DR.

TI Verified MWs column: Shall remain the same since the program design has changed to only allow Auto DR Technology to receive incentives.

AutoDR Verified MWs column: Represents verified/tested MW for service accounts from complete TI (i.e. must be enrolled in DR) and must be Auto DR in accumulative value.

Total Technology MWs column: Represents the sum of verified MW associated with the service accounts from the completed TI (i.e. must be enrolled in DR), including Auto DR and non-Auto DR.

12 Dec 2016 CPUC Report Data.xlsx

¹ Correction to AutoDR Verified MWs: In the CPUC Monthly report filed October 21, 2016, for September the CBP TI AutoDR verified MWs reported was 12.9 MWs the actual number should have been 12.8 MWs. Reason for the correction was due to over reporting on 5 accounts.

² Correction to AutoDR Verified MWs: In the CPUC Monthly report filed October 21, 2016, for September the CPP-D TI AutoDR verified MWs reported was 6.1 MWs the actual number should have been 5.9 MWs. Reason for the correction was due to over reporting on 5 accounts.

Year-to-Date Program Expenditures

Budget Category 1 Total Category 2: Price Responsive Programs Demand Bidding Program (DBP) Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	\$149,356 \$149,356 \$35,956 \$109,139 \$107,679 \$3,437 \$256,211 \$451,481 \$216,608 \$060,970 \$729,059 \$28,417 \$28,417	\$8,893 \$8,893 \$1,808 \$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$4,324 \$4,324 \$2,551 \$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726 \$866 \$866	\$10,829 \$10,829 \$3,262 \$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$8,194 \$8,194 \$3,288 \$34,869 \$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$9,769 \$9,769 \$3,402 \$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349	\$5,890 \$5,890 \$3,757 \$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$52,237 \$52,237 \$3,102 \$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$26,409 \$26,409 \$3,727 \$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$26,275 \$26,275 \$2,979 \$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855 \$402,218	\$3,904 \$3,904 \$2,969 \$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287 (\$16,199)	\$36,637 \$36,637 \$3,434 \$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602 \$714,335	\$5,161 \$5,161 \$1,087 \$53,866 \$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367 \$1,060,322	\$198,522 \$198,522 \$35,366 \$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613 \$4,256,589	\$347,878 \$347,878 \$71,322 \$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583 \$8,985,648	\$2,676,000 \$2,676,000 \$1,755,808 \$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000 \$13,698,778	\$0 (\$2,500,000) \$1,000,000 (\$1,500,000)	4.19 44.89 56.29 26.29 34.69 80.39 96.49
Budget Category 1 Total Category 2: Price Responsive Programs Demand Bidding Program (DBP) Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	\$35,956 \$35,956 109,139 107,679 \$3,437 256,211 216,608 060,970 729,059	\$1,808 \$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$4,324 \$2,551 \$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$10,829 \$3,262 \$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$8,194 \$3,288 \$34,869 \$5,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$9,769 \$3,402 \$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349 \$26,177	\$5,890 \$3,757 \$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$52,237 \$3,102 \$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$3,727 \$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$26,275 \$2,979 \$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$3,904 \$2,969 \$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$36,637 \$3,434 \$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$5,161 \$1,087 \$53,866 \$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$198,522 \$35,366 \$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$347,878 \$71,322 \$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$2,676,000 \$1,755,808 \$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	(\$2,500,000) \$1,000,000 (\$1,500,000)	13.0° 4.1° 44.8° 56.2° 26.2° 34.6° 80.3° 96.4° 29.6°
Category 2: Price Responsive Programs Demand Bidding Program (DBP) Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) \$1 Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	\$35,956 ,109,139 ,107,679 \$3,437 ,256,211 ,451,481 ,216,608 ,060,970 ,729,059	\$1,808 \$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$2,551 \$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$3,262 \$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$3,288 \$34,869 \$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$3,402 \$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349	\$3,757 \$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$3,102 \$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$3,727 \$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$2,979 \$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$2,969 \$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$3,434 \$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$1,087 \$53,866 \$3,769 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$35,366 \$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$71,322 \$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$1,755,808 \$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	(\$2,500,000) \$1,000,000 (\$1,500,000)	4.19 44.89 56.29 26.29 34.69 80.39 96.49 29.69
Demand Bidding Program (DBP) Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	109,139 107,679 \$3,437 256,211 451,481 216,608 ,060,970 ,729,059	\$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$34,869 \$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349 \$26,177	\$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$53,866 \$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	\$1,000,000 (\$1,500,000)	44.8° 56.2° 26.2° 34.6° 80.3° 96.4° 29.6°
Demand Bidding Program (DBP) Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	109,139 107,679 \$3,437 256,211 451,481 216,608 ,060,970 ,729,059	\$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$34,869 \$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349 \$26,177	\$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$53,866 \$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	\$1,000,000 (\$1,500,000)	44.89 56.29 26.29 34.69 80.39 96.49 29.69
Capacity Bidding Program (CBP) Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	109,139 107,679 \$3,437 256,211 451,481 216,608 ,060,970 ,729,059	\$228,056 \$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$76,674 \$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$47,717 \$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$34,869 \$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$43,416 \$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349 \$26,177	\$69,317 \$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$68,440 \$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$102,473 (\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$121,997 \$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$270,308 \$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$175,389 \$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$53,866 \$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$1,292,522 \$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$2,401,661 \$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$5,359,333 \$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	\$1,000,000 (\$1,500,000)	44.8° 56.2° 26.2° 34.6° 80.3° 96.4° 29.6°
Peak Time Rebate (PTR) Demand Response Auction Mechanism Pilot (DRAM) Budget Category 2 Total \$1 Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) \$3 Technical Incentives (TI) \$1 Budget Category 4 Total \$4 Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research 2	\$3,437 \$256,211 \$451,481 216,608 060,970 729,059	\$5,602 \$699 \$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$9,376 \$2,540 \$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$10,954 \$5,468 \$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$5,824 \$2,824 \$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$7,949 \$2,961 \$57,728 \$61,275 \$81,912 \$61,162 \$204,349	\$6,131 \$2,701 \$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$6,123 \$2,451 \$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$1,879) \$2,249 \$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$6,916 \$143,054 \$274,946 \$24,613 \$268,750 \$108,855	\$6,439 \$59,903 \$339,619 \$19,476 (\$78,962) \$43,287	\$6,873 \$14,080 \$199,776 \$103,549 \$549,184 \$61,602	\$3,789 \$19,331 \$78,073 \$60,737 \$972,218 \$27,367	\$74,097 \$258,261 \$1,660,246 \$678,740 \$2,867,236 \$710,613	\$181,776 \$261,698 \$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$323,333 \$1,000,000 \$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	\$1,000,000 (\$1,500,000)	56.2 ⁶ 26.2 ⁶ 34.6 ⁶ 80.3 ⁶ 96.4 ⁶ 29.6 ⁶
Budget Category 2 Total \$1 Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) \$ Small Customer Technology Incentives (SCTD) \$3 Technical Incentives (TI) \$1 Budget Category 4 Total \$4 Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research \$1	256,211 4451,481 ,216,608 ,060,970 ,729,059 \$28,417	\$236,165 \$108,956 \$337,952 \$135,617 \$582,525	\$91,141 \$57,346 \$98,383 \$27,997 \$183,726	\$67,401 \$22,300 \$224,290 \$60,242 \$306,832	\$46,805 \$55,709 \$32,527 \$25,523 \$113,759	\$57,728 \$61,275 \$81,912 \$61,162 \$204,349 \$26,177	\$81,906 \$109,987 \$239,162 \$50,454 \$399,603	\$80,116 \$23,325 \$36,362 \$55,635 \$115,322	\$106,570 \$31,467 \$105,458 \$52,872 \$189,797	\$274,946 \$24,613 \$268,750 \$108,855	\$339,619 \$19,476 (\$78,962) \$43,287	\$199,776 \$103,549 \$549,184 \$61,602	\$78,073 \$60,737 \$972,218 \$27,367	\$1,660,246 \$678,740 \$2,867,236 \$710,613	\$2,916,457 \$1,130,221 \$6,083,844 \$1,771,583	\$8,438,474 \$1,407,333 \$6,309,445 \$5,982,000	(\$1,500,000)	34.69 80.39 96.49 29.69
Category 4: Emerging & Enabling Technologies Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) Budget Category 4 Total Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research S1	3451,481 ,216,608 ,060,970 ,729,059	\$108,956 \$337,952 \$135,617 \$582,525	\$57,346 \$98,383 \$27,997 \$183,726	\$22,300 \$224,290 \$60,242 \$306,832	\$55,709 \$32,527 \$25,523 \$113,759	\$61,275 \$81,912 \$61,162 \$204,349	\$109,987 \$239,162 \$50,454 \$399,603	\$23,325 \$36,362 \$55,635 \$115,322	\$31,467 \$105,458 \$52,872 \$189,797	\$24,613 \$268,750 \$108,855	\$19,476 (\$78,962) \$43,287	\$103,549 \$549,184 \$61,602	\$60,737 \$972,218 \$27,367	\$678,740 \$2,867,236 \$710,613	\$1,130,221 \$6,083,844 \$1,771,583	\$1,407,333 \$6,309,445 \$5,982,000	(*)***	80.3% 96.4% 29.6%
Emerging Technologies (ET) Small Customer Technology Incentives (SCTD) Technical Incentives (TI) S1 Budget Category 4 Total S4 Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research S1 Research	216,608 ,060,970 ,729,059 \$28,417	\$337,952 \$135,617 \$582,525 \$1,187	\$98,383 \$27,997 \$183,726	\$224,290 \$60,242 \$306,832	\$32,527 \$25,523 \$113,759 \$1,228	\$81,912 \$61,162 \$204,349 \$26,177	\$239,162 \$50,454 \$399,603 (\$24,207)	\$36,362 \$55,635 \$115,322	\$105,458 \$52,872 \$189,797	\$268,750 \$108,855	(\$78,962) \$43,287	\$549,184 \$61,602	\$972,218 \$27,367	\$2,867,236 \$710,613	\$6,083,844 \$1,771,583	\$6,309,445 \$5,982,000	\$0	80.39 96.49 29.69 65.69
Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research 2 \$1	\$28,417	\$582,525 \$1,187	\$183,726 \$866	\$82	\$113,759 \$1,228	\$26,177	(\$24,207)	\$115,322	\$189,797				\$1,060,322	\$4,256,589	\$8,985,648	\$13,698,778	\$0	
Category 5: Pilots New Construction DR Budget Category 5 Total Category 6: Evaluation, Measurement & Verification DRMEC Research 2 \$1	+ ,	+ / -	7	7.7-	* / -	* -,	(+- :,:/	\$1,637	\$2.240		· · · · · · · · · · · · · · · · · · ·	,					·	
DRMÉC \$1 Research 2					Ψ.,	Ψ20,177	(\$24,207)	\$1,637	\$2,340	\$1,783 \$1,783	\$2,670 \$2,670	\$1,974 \$1,974	\$1,505 \$1,505	\$17,242 \$17,242	\$45,659 \$45,659	\$750,667 \$750,667	\$0	6.1% 6.1%
Research ²																		i
1.0000.00	,236,766	\$186,204	\$275,592	\$215,897	\$432,014	(\$22,022)	\$100,751	(\$80,032)	\$29,118	\$45,202	\$141,803	\$47,340	\$84,974	\$1,456,841	\$2,693,607	\$3,410,000		79.0%
Budget Category 6 Total \$1	\$0	\$0	\$0	\$48.496	\$0	\$230.440	\$0	\$0	\$0	\$160,970	\$0	(\$160.970)	\$43,201	\$322,137	\$322.137	\$400,000		80.5%
	236,766	\$186,204	\$275,592	\$264,393	\$432,014	\$208,418	\$100,751	(\$80,032)	\$29,118	\$206,172	\$141,803	(\$113,630)	\$128,175	\$1,778,978	\$3,015,744	\$3,810,000	\$0	79.2%
Category 7: Marketing Education & Outreach																		
Local Marketing Education & Outreach ³ \$1	121,328	\$43,161	\$108,472	\$353,411	\$53,814	\$353,578	\$87,118	\$10,650	\$121,585	\$76,442	\$148,771	\$25,581	\$356,362	\$1,738,945	\$2,860,273	\$3,698,170	(a)	77%
Budget Category 7 Total \$1	121,328	\$43,161	\$108,472	\$353,411	\$53,814	\$353,578	\$87,118	\$10,650	\$121,585	\$76,442	\$148,771	\$25,581	\$356,362	\$1,738,945	\$2,860,273	\$3,698,170	\$0	77.3%
IT Infrastructure & System Support	6639,336 6480,072	\$36,492 \$8,214	\$278,932 \$15,844	\$63,804 \$25,390	(\$170,687) \$16,068	\$60,347 \$822	\$57,965 \$27,176	\$66,128 \$9,100	\$38,133 \$17,268	\$60,015 \$20,911	\$52,969 \$11,919	\$54,501 \$18,636	\$50,641 \$19,178	\$649,240 \$190,526	\$1,288,576 \$670,598	\$1,531,077 \$1,769,440		84.2% 37.9%
Budget Category 8 Total \$1	,119,408	\$44,706	\$294,776	\$89,194	(\$154,619)	\$61,169	\$85,141	\$75,228	\$55,401	\$80,926	\$64,888	\$73,137	\$69,819	\$839,766	\$1,959,174	\$3,300,517	\$0	59.4%
Category 10: Special Projects	000 444	0.4.070	04.700	* 4 * 4 * 4 *	# 5.000	#0.400	#5.700	05.444	05.004	05.004	05 700	0070.017	A4 500 547	# 4 007 000	00.007.040	# 0 5 00 000	#4 500 000	
Permanent Load Shifting Budget Category 10 Total	\$99,144 \$99.144	\$4,278 \$4,278	\$4,798 \$4,798	\$4,648 \$4,648	\$5,839 \$5.839	\$6,429 \$6,429	\$5,786 \$5,786	\$5,444 \$5,444	\$5,834 \$5,834	\$5,861 \$5,861	\$5,788 \$5,788		\$1,599,547 \$1,599,547	\$1,927,869 \$1,927,869	\$2,027,013 \$2,027,013	\$3,500,000 \$3,500,000	\$1,500,000 \$1,500,000	57.9% 57.9%
Duuget Category 10 Total	φ υυ, 144	⊅4,∠18	Ф4,798	\$4,048	Ф 5,639	Ф 0,429	φο,/οδ	фЭ, 444	φ ο,ο34	Γθο,σφ	φο,/οδ	φ213,011	φ1,399,347	\$1,927,869	\$2,021,013	\$3,5UU,UUU	φ1,ουυ,υυυ	57.9%
Total Incremental Cost \$	9,739,689	\$1,107,119	\$963.695	\$1.096.790	\$507.034	\$927.617	\$741.988	\$260.602	\$537.054	\$1.074.623	\$691,244	\$1,211,427	\$3,298,964	\$12.418.157	\$22,157,846	\$39.872.606	\$0	55.6%
		Ţ.,,,o	4000,000	÷ 1,000,100	ψ00.,001	402.,011	<i>\$1.11,000</i>	J_00,00Z	¥00.,004	Ţ.,O,OZO	, , , , , , , , , , , , , , , , , , ,	Ţ., Z., ,,, Z	+=,=00,004	ψ. <u>=</u> ,ο,107	ΨΞΞ, : Ο: ,Ο-10	+50,0.2,000	ΨΟ	23.07

(a) See "Fund Shift Log" for explanations.

12 Dec 2016 CPUC Report Data.xlsx 1/23/2017

Corrections to expenditures for BIP and CBP in August and September and for DRAM in September. The monthly incentives for these programs were not previously included in the files submitted on September 21st and October 21st.

In the month of September a total of \$160,970.43 charged to the 2015-2016 budget. Upon review of the charges it was determined that this charge should be applied to the 2012-2014 program budget.

The Invoice and documentation provided is related to the California Institute of Energy and Environment (CIEE) Demand Response Research study during the 2012-2014 program cycle. November report will show the prior period adjustment to correct the overspend.

³ November CPUC report listed the incorrect amount for LMEO expenses as a result of data entry. Corrected to reflect actual monthly expense from \$38,888 to \$25,581.

SAN DIEGO GAS AND ELECTRIC	2015- 2016 Fu	nding Cycle Cus	tomer Commu	unication, Mar	keting, and Οι	treach							Year-to Date	2015-2016	Authorized
													2016 Expenditures	Total Expenditures	Budget (if Applicable)
	January	February	March	April	May	June	July	August	September	October	November	December	Experiurtures	Expenditures	Applicable
I. STATEWIDE MARKETING															
IOU Administrative Costs	\$0	\$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	\$1,440,000	
I. TOTAL STATEWIDE MARKETING	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,440,000	
II. UTILITY MARKETING BY ACTIVITY															
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016															
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING 1,2															
Small Customer Technology Deployment	(\$6,036)	\$2,551	\$9,293	\$2,968	\$1,633	\$24,518	\$40,027	\$110,443	\$292,076	(\$45,604)	\$554,476	\$1,306,653	\$2,292,998	\$2,550,115	
Permanent Load Shifting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,422	\$10,967	\$18,319	\$274,116	\$1,599,547	\$1,909,371	\$1,909,371	
Technology Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$57,406	\$114,139	\$55,818	\$62,102	\$27,481	\$316,946	\$316,976	
CPP-D	\$30,379	\$71,267	\$287,594	\$13,251	\$323,383	\$13,251	\$11,158	\$98,107	\$15,374	\$22,728	\$10,128	\$5,596	\$902,216	\$1,741,433	
Smart Pricing	\$16,743	\$33,204	\$54,029	\$35,869	\$28,708	\$49,606	\$3,053	\$18,916	\$28,601	\$63,651	\$16,349	\$15,084	\$363,813	\$363,813	
Customer Awareness, Education and Outreach (CEAO - DR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$517)	
Local Marketing Education and Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Local IDSM Marketing	\$18,833	\$31,996	\$40,929	\$63,273	\$78,849	\$83,882	\$43,358	\$56,651	\$46,933	\$73,364	\$96,363	\$0	\$634,431	\$1,232,542	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING 3,4															
Reduce Your Use (PTR)															
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)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,577	
Labor	\$2,075	\$1,450	\$2,495	\$1,725	(\$146)	\$1,627	\$6,214	(\$1,768)	\$6,936	\$5,476	\$6,873	\$5,183	\$38,140	\$61,527	
Paid Media	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$588	\$5,112	\$12,531	\$500	\$0	\$18,731	\$18,731	
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$1,942	\$1,942	\$2,428	\$1,457	\$1,942	\$2,913	\$12,624	\$12,624	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$61,994	\$140,468	\$394,340	\$117,086	\$432,427	\$172,884	\$105,752	\$348,707	\$522,566	\$207,740	\$1,022,849	\$2,962,457	\$6,489,270	\$8,208,192	
III. UTILITY MARKETING BY ITEMIZED COST															
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)	\$20,846	\$70,679	\$7,939	\$13,251	\$88,290	\$13,685	\$1,933	\$10,609	\$1,753	\$4,004	\$23,471	\$9,747	\$266,207	\$556,323	
Labor	\$29,961	\$41,148	\$73,441	\$56,451	\$55,710	\$58,983	\$42,783	\$108,728	\$93,171	\$165,367	\$121,826	\$88,843	\$936,412	\$1,362,767	
Paid Media	\$1,272	\$1,308	\$82	\$228	\$7	\$56,543	\$1,241	\$74,781	\$37,220	\$115,003	\$8,669	\$352,876	\$649,230	\$669,457	
Other Costs	\$9,915	\$27,333	\$312,878	\$47,156	\$288,420	\$43,673	\$59,795	\$154,589	\$390,422	(\$76,634)	\$868,884	\$2,658,069	\$4,784,500	\$5,766,724	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$61,994	\$140,468	\$394,340	\$117,086	\$432,427	\$172,884	\$105,752	\$348,707	\$522,566	\$207,740	\$1,022,850	\$3,109,535	\$6,636,349	\$8,355,271	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT															
Agricultural	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Large Commercial and Industrial	\$37,383	\$80,515	\$302,070	\$39,060	\$357,500	\$48,096	\$21,995	\$176,623	\$143,846	\$105,644	\$89,170	\$55,672	\$1,457,574	\$2,527,865	
Small and Medium Commercial	\$15,377	\$25,851	\$41,491	\$43,744	\$48,471	\$59,648	\$12,364	\$36,990	\$39,600	\$77,243	\$299,231	\$1,629,683	\$2,329,693	\$2,560,771	
Residential	\$9,234	\$34,102	\$50,779	\$34,282	\$26,456	\$65,140	\$71,393	\$135,094	\$339,121	\$24,854	\$634,448	\$1,424,179	\$2,849,082	\$3,266,635	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$61,994	\$140,468	\$394,340	\$117,086	\$432,427	\$172,884	\$105,752	\$348,707	\$522,567	\$207,741	\$1.022.849	\$3,109,534	\$6,636,349	\$8,355,271	

Notes

¹ 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.

² 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.

³ Programs, Rates & Activities ds not include SDG&E's Summer Saver program as program funding is not approved or directed in D.12-04-045.

⁴ Programs, Rates & Activities do not include "Critical Peak Pricing < 200kW" as program funding is not approved or directed in D.12-04-045.

SDGE FUND SHIFTING 2016

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's 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.

Program Category	Fund Shift	Programs Impacted	Date	Rationale for Fundshift
Price-Responsive Programs	(\$1,000,000)	Capacity Bidding Program	9/1/2015	To fund DRAM per D.14-12-024
	\$1,000,000	Demand Response Auction Mechanism Pilot	9/1/2015	To fund DRAM per D.14-12-024
	(\$1,500,000)	Capacity Bidding Program		To fund additional Incentives per AL2801-E
	\$1,500,000	Permanent Load Shifting		To fund additional Incentives per AL2801-E
LME&O	(\$490,000)	Smart Pricing Program (SPP)	9/1/2016	To fund ongoing Outreach and Education about Critial Peak Pricing
	\$490,000	Critical Peak Pricing (CPP-D)	9/1/2016	To fund ongoing Outreach and Education about Critial Peak Pricing
Total	\$0			

Program Category	Event No.	Year-to-Da Date	te Event Summary Event Trigger(1)	Reduction kW	Event Beginning:End	Program Tolled Hours (Annual)
Capacity Bidding Program - Day Of	1	06/20/16	Met Price Triggers	5,600	3:00 PM to 7:00 PM	4
Summer Saver Residential&Commercial	2	06/20/16	System load	16,000	3:00 PM to 7:00 PM	4
Capacity Bidding Program - Day Of Capacity Bidding Program - Day Of	3 4	07/20/16 07/21/16	Met Price Triggers Met Price Triggers	5,100 5,100	3:00 PM to 7:00 PM 3:00 PM to 7:00 PM	8 12
Capacity Bidding Program - Day Of	5	07/22/16	Met Price Triggers	5,000	3:00 PM to 7:00 PM	16
Capacity Bidding Program - Day Ahead	6	07/20/16	Met Price Triggers	1,000	3:00 PM to 7:00 PM	4
Capacity Bidding Program - Day Ahead Capacity Bidding Program - Day Ahead	7 8	07/21/16 07/22/16	Met Price Triggers Met Price Triggers	900 800	3:00 PM to 7:00 PM 3:00 PM to 7:00 PM	8 12
Capacity Bidding Program - Day Ahead	9	07/26/16	Met Price Triggers	900	3:00 PM to 7:00 PM	16
Capacity Bidding Program - Day Ahead	10	07/27/16	Met Price Triggers	1,100	3:00 PM to 7:00 PM	20
Capacity Bidding Program - Day Ahead	11	07/28/16	Met Price Triggers	1,000	3:00 PM to 7:00 PM	24
Capacity Bidding Program - Day Ahead Summer Saver Residential&Commercial	12 13	07/29/16 07/22/16	Met Price Triggers System load	1,000 16,500	3:00 PM to 7:00 PM 3:00 PM to 7:00 PM	28 8
Capacity Bidding Program - Day Of	14	08/15/16	Met Price Triggers	6,100	3:00 PM to 7:00 PM	20
Capacity Bidding Program - Day Ahead	15	08/16/16	Met Price Triggers	7,500	3:00 PM to 7:00 PM	32
Capacity Bidding Program - Day Ahead	16	08/18/16	Met Price Triggers	7,500	3:00 PM to 7:00 PM	40
Capacity Bidding Program - Day Ahead	17 18	08/19/16	Met Price Triggers	7,600	3:00 PM to 7:00 PM	44
Summer Saver Residential&Commercial CPPD	19	08/15/16 09/26/16	System load System load/temperature	17,900 7,600	3:00 PM to 7:00 PM 11:00 AM to 6:00 PM	12 7
BIP	20	09/26/16	System load/temperature	1,300	1:00 PM to 5:00 PM	4
Capacity Bidding Program - Day Of	21	09/26/16	Met Price Triggers	2,900	3:00 PM to 7:00 PM	24
Capacity Bidding Program - Day Ahead	22	09/26/16	Met Price Triggers	6,800	3:00 PM to 7:00 PM	48
Capacity Bidding Program - Day Ahead	23	09/26/16	Met Price Triggers	8,000	3:00 PM to 7:00 PM 3:00 PM to 7:00 PM	52
Capacity Bidding Program - Day Ahead Summer Saver Residential&Commercial	24 25	09/26/16 09/26/16	Met Price Triggers System load	7,200 11,100	3:00 PM to 7:00 PM 3:00 PM to 7:00 PM	56 16
Summer Saver Residential&Commercial	26	09/26/16	System load	16,600	3:00 PM to 7:00 PM	20
Reduce Your Use Rewards (PTR)	27	09/26/16	System load/temperature	4,500	11:00 AM to 6:00 PM	7
Reduce Your Use (TOU-A-P & TOU-PA-P)	28	09/26/16	System load/temperature	500	11:00 AM to 6:00 PM	7
Reduce Your Use (TOU-DR-P)	29	09/26/16	System load/temperature	600	11:00 AM to 6:00 PM	7
Reduce Your Use Thermostat- Res (SCTD) PCT- SMB (SCTD)	30 31	09/26/16 09/26/16	System load/temperature System load/temperature	4,400 3.800	2:00 PM to 6:00 PM 2:00 PM to 6:00 PM	4 4
Capacity Bidding Program - Day Ahead	32	10/20/16	Met Price Triggers	4,100	3:00 PM to 7:00 PM	60
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SDGE Demand Response Programs Total Cost and AMDRMA 2016 Accounts Balance

												Year-to-Date		
January	February	March	April	May	June	July	August	September	October	November	December	Cost		% of Budge
\$2.9	\$4.3	\$5.8	\$5.3	\$7.5	\$5.9	\$8.4	\$1.7	\$5.2	\$5.0	\$5.7	\$3.0	\$60.8	\$0.0	n/a
\$1.8		\$3.3		\$3.4	\$3.8	\$3.1	\$3.7	\$3.0	\$3.0	\$3.4	\$1.0		\$0.0	n/a
	\$13.8	\$47.7	\$34.9	\$43.4	\$69.3		\$77.4	\$64.0	\$114.0	\$65.0	\$38.2	\$699.8		n/a
	\$9.4	\$11.0	\$5.8	\$7.9	\$6.1		(\$1.8)	\$6.9	\$6.4	\$6.9	\$3.8	\$74.1		n/a
									\$19.4					n/a
														n/a
														n/a
\$1.2	\$0.9	\$0.1	\$1.2	\$26.2	(\$24.2)	\$1.6	\$2.3	\$1.8	\$2.7	\$1.9	\$1.5	\$17.1	\$0.0	n/a
\$43.2	\$108.5	\$353.4	\$53.8	\$353.6	\$87.1	\$10.6	\$121.6	\$76.0	\$149.0	\$25.5	\$356.3	\$1,738.5	\$0.0	n/a
\$36.5	\$278.9	\$63.8	(\$170.7)	\$60.3	\$58.0	\$66.1	\$38.1	\$60.0	\$53.0	\$54.5		\$649.1	\$0.0	n/a
\$8.2	\$15.8	\$25.4	\$16.1	\$0.8	\$27.2	\$9.1	\$17.2	\$20.9	\$11.9	\$18.7		\$190.4	\$0.0	n/a
\$4.3	\$4.8	\$4.6	\$5.8	\$6.4	\$5.8	\$5.4	\$5.8	\$5.9	\$5.7	\$5.8	\$5.7	\$66.1	\$0.0	n/a
\$0.7	\$2.5	\$5.5	\$2.8	\$3.0	\$2.7	\$2.5	\$2.2	\$2.9	\$2.6	\$2.9	\$10.7	\$41.0	\$0.0	n/a
\$11.1	\$13.7	\$17.9	\$35.9	\$66.9	\$173.0	\$24.1	\$54.6	\$18.9	\$51.7	\$34.1	\$15.0	\$517.0	\$0.0	n/a
\$3.3	\$4.1	\$2.2	\$3.3	\$23.4	\$3.4	\$6.6	(\$2.6)	\$2.9	\$3.0	\$3.6	\$16.5	\$69.7	\$0.0	n/a
\$1.3	\$1.8	(\$0.6)	\$0.8	\$0.7	\$1.0	\$1.0	(\$1.0)	\$0.5	\$1.0	\$1.0	\$0.5	\$8.0	\$0.0	n/a
\$18.8	\$32.0	\$40.9	\$63.3	\$78.9	\$83.9	\$43.4	\$56.6	\$46.9	\$73.3	\$96.4	\$147.0	\$781.4	\$0.0	n/a
\$0.7	\$1.9	\$1,941.9	\$20.3	\$32.6	\$50.2	\$51.0	\$70.2	\$67.2	(\$18.0)	\$48.2	\$52.3	\$2,318.4	\$0.0	n/a
\$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	\$0.0	n/a
\$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	\$0.0	n/a
\$454.3	\$158.4	\$159.5	(\$125.3)	(\$523.8)	\$16.7	\$22.6	\$23.2	\$124.2	\$270.6	(\$338.6)	\$14.1	\$255.8	\$0.0	n/a
\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$0.1	\$1.1	\$0.0	n/a
												\$0.0	\$0.0	n/a
												\$0.0	\$0.0	n/a
												\$0.0	\$0.0	n/a
												\$0.0	\$0.0	n/a
\$846.3	\$864.2	\$2,927.5	(\$173.9)	\$340.4	\$824.0	\$504.3	\$619.3	\$684.5	\$810.4	\$220.4	\$627.6	\$9,095.0	\$0.0	n/a
\$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	\$0.0	n/a
\$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	\$0.0	n/a
\$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	\$0.0	n/a
\$0.0	\$0.0	\$48.5	90.0	\$230.4	\$0.0	\$0.0	\$0.0	\$160.0	90.0	(\$160.9)	\$43.2	\$322.1	90.0	n/a
*														n/a
						(****)								n/a n/a
\$100.2	\$275.0	\$204.4	φ432.0	\$200.4	φ100.0	(\$00.0)	φ 2 3.1	\$200.1	\$141.0	(\$113.0)	φ120.1	\$1,770.0	φυ.υ	II/a
														n/o
\$6.0	\$0.0	\$5.0	\$2.9	\$2.2	\$0.0	\$43.8	\$24.7	\$21.0	(\$1.0)	\$31.0	\$2.1	\$137.7	\$0.0	II/a
\$6.0 \$164.4	\$0.0 \$62.9	\$5.0 \$0.0	\$2.9 \$0.0	\$2.2 \$0.0	\$0.0 \$0.0	\$43.8 \$0.0	\$24.7 \$25.0	\$21.0 \$58.5	(\$1.0) \$156.1	\$31.0 \$110.3	\$2.1 \$15.6	\$137.7 \$592.8	\$0.0 \$0.0	n/a n/a
\$164.4	\$62.9	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$25.0	\$58.5	\$156.1	\$110.3	\$15.6	\$592.8	\$0.0	n/a
\$164.4 \$0.0	\$62.9 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$0.0 \$0.0	\$25.0 \$0.0	\$58.5 \$0.0	\$156.1 \$0.0	\$110.3 \$0.0	\$15.6 \$0.0	\$592.8 \$0.0	\$0.0 \$0.0	n/a n/a
\$164.4 \$0.0 \$323.3	\$62.9 \$0.0 (\$29.9)	\$0.0 \$0.0 \$61.7	\$0.0 \$0.0 \$244.4	\$0.0 \$0.0 \$55.4	\$0.0 \$0.0 \$145.5	\$0.0 \$0.0 (\$61.0)	\$25.0 \$0.0 \$32.2	\$58.5 \$0.0 \$174.1	\$156.1 \$0.0 (\$105.2)	\$110.3 \$0.0 \$510.0	\$15.6 \$0.0 \$1,168.0	\$592.8 \$0.0 \$2,518.5	\$0.0 \$0.0 \$0.0	n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5	\$62.9 \$0.0 (\$29.9) \$2.8	\$0.0 \$0.0 \$61.7 \$0.0	\$0.0 \$0.0 \$244.4 \$0.0	\$0.0 \$0.0 \$55.4 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0	\$25.0 \$0.0 \$32.2 \$7.5	\$58.5 \$0.0 \$174.1 \$50.9	\$156.1 \$0.0 (\$105.2) \$13.4	\$110.3 \$0.0 \$510.0 \$19.3	\$15.6 \$0.0 \$1,168.0 \$0.0	\$592.8 \$0.0 \$2,518.5 \$166.4	\$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3	\$62.9 \$0.0 (\$29.9)	\$0.0 \$0.0 \$61.7	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5	\$0.0 \$0.0 (\$61.0)	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0	\$58.5 \$0.0 \$174.1	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0	\$592.8 \$0.0 \$2,518.5	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0	\$0.0 \$0.0 \$244.4 \$0.0	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$0.0	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$0.0 \$1,593.0	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0 \$140.2	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0 \$0.0 \$57.2	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8 \$11.1	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$0.0 \$1,593.0 \$8.6	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8 \$217.1	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7 \$0.0 \$0.4	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7 \$0.0 \$0.1	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0 \$0.0 \$140.2 \$0.0	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0 \$0.0 \$57.2 \$0.0	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8 \$11.1 \$2,259	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$1,593.0 \$8.6 \$0.0	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8 \$217.1 \$2,260.6	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0 \$140.2	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0 \$0.0 \$57.2	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8 \$11.1	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$0.0 \$1,593.0 \$8.6	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8 \$217.1	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7 \$0.0 \$0.4	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7 \$0.0 \$0.1	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0 \$0.0 \$0.0	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0 \$0.0 \$0.0	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0 \$0.0 \$140.2 \$0.0	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0 \$0.0 \$57.2 \$0.0	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8 \$11.1 \$2,259	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$1,593.0 \$8.6 \$0.0	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8 \$217.1 \$2,260.6	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a n/a n/a
\$164.4 \$0.0 \$323.3 \$70.5 \$0.0 \$5.0 \$0.0 \$569.1	\$62.9 \$0.0 (\$29.9) \$2.8 \$0.0 \$0.0 \$0.3 \$36.1	\$0.0 \$0.0 \$61.7 \$0.0 \$0.0 \$42.7 \$0.0 \$0.4 \$109.8	\$0.0 \$0.0 \$244.4 \$0.0 \$0.0 \$46.7 \$0.0 \$0.1 \$294.2	\$0.0 \$0.0 \$55.4 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.2	\$0.0 \$0.0 \$145.5 \$0.0 \$0.0 \$0.0 \$0.0 \$0.2 \$145.7	\$0.0 \$0.0 (\$61.0) \$2.0 \$0.0 \$0.0 \$0.0 \$0.0 (\$15.2)	\$25.0 \$0.0 \$32.2 \$7.5 \$0.0 \$0.0 \$0.0 \$0.0 \$89.4	\$58.5 \$0.0 \$174.1 \$50.9 \$0.0 \$0.0 \$140.2 \$0.0 \$444.7	\$156.1 \$0.0 (\$105.2) \$13.4 \$0.0 \$0.0 \$0.0 \$57.2 \$0.0 \$120.5	\$110.3 \$0.0 \$510.0 \$19.3 \$0.0 \$0.0 \$267.8 \$11.1 \$2,259 \$3,208.8	\$15.6 \$0.0 \$1,168.0 \$0.0 \$0.0 \$0.0 \$1,593.0 \$8.6 \$0.0 \$2,787.3	\$592.8 \$0.0 \$2,518.5 \$166.4 \$0.0 \$94.5 \$1,860.8 \$217.1 \$2,260.6 \$7,848.3	\$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	n/a n/a n/a n/a n/a n/a n/a n/a
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\$50.5 \$53.6 \$45.4 \$58.0 \$29.8 \$11.2 \$0.9 \$0.1 \$1.2 \$26.2 \$50.5 \$53.6 \$45.4 \$58.0 \$29.8 \$11.2 \$0.9 \$0.1 \$1.2 \$26.2 \$50.5 \$53.6 \$45.4 \$58.0 \$29.8 \$11.2 \$0.9 \$0.1 \$1.2 \$26.2 \$24.7 \$16.6 \$13.8 \$2.7 \$43.2 \$108.5 \$353.4 \$53.8 \$353.6 \$87.1 \$10.6 \$121.6 \$76.0 \$149.0 \$36.5 \$278.9 \$63.8 \$(\$170.7) \$60.3 \$58.0 \$66.1 \$38.1 \$60.0 \$53.0 \$36.5 \$278.9 \$63.8 \$(\$170.7) \$60.3 \$58.0 \$66.1 \$38.1 \$60.0 \$53.0 \$36.5 \$278.9 \$63.8 \$44.6 \$5.8 \$64.4 \$58.8 \$54.4 \$58.8 \$55.8 \$55.9 \$57.7 \$2.5 \$55.5 \$2.8 \$30.0 \$27.2 \$9.1 \$17.2 \$20.9 \$11.9 \$43.3 \$48.8 \$46.6 \$5.8 \$64.4 \$58.8 \$54.4 \$58.8 \$55.8 \$55.9 \$57.7 \$2.5 \$55.5 \$22.8 \$30.0 \$27.7 \$2.5 \$55.5 \$22.2 \$29.9 \$26.6 \$11.1 \$13.7 \$17.9 \$35.9 \$66.9 \$173.0 \$24.1 \$54.6 \$18.9 \$51.7 \$33.3 \$4.1 \$22.2 \$33.3 \$23.4 \$34.4 \$66. \$18.9 \$51.7 \$33.3 \$4.1 \$22.2 \$33.3 \$32.4 \$34.4 \$66.6 \$12.6 \$19.9 \$30.0 \$13.9 \$1.9 \$1.9 \$1.9 \$20.3 \$32.6 \$50.2 \$51.0 \$70.2 \$57.2 \$29.9 \$30.0 \$50.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0	\$2.9 \$4.3 \$5.8 \$5.3 \$7.5 \$5.9 \$8.4 \$1.7 \$5.2 \$5.0 \$5.7 \$1.8 \$2.6 \$3.3 \$3.3 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0 \$3.0	\$2.9 \$4.3 \$5.8 \$5.3 \$7.5 \$6.9 \$8.4 \$1.7 \$5.2 \$5.0 \$5.7 \$3.0 \$1.8 \$2.6 \$3.3 \$3.3 \$3.4 \$3.8 \$3.1 \$3.7 \$3.0 \$3.0 \$3.4 \$1.0 \$63.7 \$13.8 \$4.7 \$34.9 \$43.4 \$69.3 \$88.4 \$7.7 \$56.2 \$5.0 \$5.7 \$3.0 \$6.5 \$9.4 \$11.0 \$5.8 \$7.9 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1 \$6.9 \$6.9 \$6.4 \$6.9 \$3.8 \$10.0 \$57.3 \$22.3 \$31.4 \$24.5 \$10.0 \$57.3 \$22.3 \$31.4 \$24.5 \$19.4 \$10.3 \$6.8 \$11.0 \$5.8 \$7.9 \$6.1 \$6.1 \$6.1 \$6.1 \$2.3 \$18.0 \$24.5 \$19.4 \$10.3 \$6.0 \$6.5 \$9.3 \$6.1 \$6.1 \$6.1 \$2.3 \$19.4 \$2.4 \$10.3 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1 \$6.1	Sanuary February March April May June July August September October November December Cost	Sanuary February March April May June July August September October November December Cost

^{**} Budgeted under a different proceeding

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¹ April and May expeditures were transposed and have been corrected.

² The Research line item Under the "Measurement and Evaluation" section, the October 2016 CPUC DR report reflected expenditures of \$160.9k in September 2016. The (\$160.9k) was reversed in November's 2016 CPUC DR report, since this expenditures reflects the expenditures related to the 2012-2014 Potential Study.

3 AMDRMA Account End of Month Balance for WG2 reflects a net change of \$6k for the months January thru October to include prior period adjustments to reconcile with year-end balance.

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	- January			7.10	uy			, lagaot	- Сортонност	001000	110101111101	200050.	1000.000
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	\$6.0	\$9.5	\$12.2	\$8.5	\$10.3	\$4.4	\$9.3	\$8.1	\$8.9	\$9.0	\$9.6	\$3.7	\$99.5
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)	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.5	\$0.1	\$0.1	\$1.0	\$5.5
OBMC	\$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)	\$6.5	\$10.0	\$12.7	\$9.0	\$10.8	\$4.9	\$9.8	\$8.6	\$9.4	\$9.1	\$9.7	\$4.7	\$105.0
Capital													
Peak Generation (RBRP) (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	\$0.0
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
Management and Fredrick													
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	Ф О О
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 \$0.0
TOTAL MICE	\$0.0	φυ.υ	φυ.υ	Φ0.0	φυ.υ	φυ.υ	φυ.υ	φυ.υ	\$0.0	φυ.υ	φυ.υ	φυ.υ	φυ.υ
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	\$6.5	\$10.0	\$12.7	\$9.0	\$10.8	\$4.9	\$9.8	\$8.6	\$9.4	\$9.1	\$9.7	\$4.7	\$105.0

⁽¹⁾ Capital costs for meters provided free to customers and charged to the programs.

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SDGE Direct Participation DR Memo Account 2016 \$000

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)													
Rule 32	\$0.0	\$0.0	\$5.9	\$32.2	\$17.1	\$48.1	\$28.6	\$61.0	\$106.0	\$116.4	\$61.7	\$123.5	\$600.5
													\$0.0
													\$0.0 \$0.0
													\$0.0 \$0.0
Total Administrative (O&M)	\$0.0	\$0.0	\$5.9	\$32.2	\$17.1	\$48.1	\$28.6	\$61.0	\$106.0	\$116.4	\$61.7	\$123.5	\$600.5
Capital	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	የ በ በ	\$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	\$0.0 \$0.0
Total Supital	Ψ0.0	Ψ0.0	Ψ0.0	Ψ0.0	ψο.σ	Ψ0.0	Ψ0.0	ψ0.0	Ψ0.0	Ψ0.0	Ψ0.0	Ψ0.0	ψ0.0
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													
oustomer 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
	ψο.σ	ψ0.0	ψ0.0	Ψ0.0	Ψ0.0	ψ0.0	Ψ0.0	Ψ0.0	Ψ0.0	Ψ0.0	φοισ	Ψ0.0	\$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	\$0.0	\$0.0	\$5.9	\$32.2	\$17.1	\$48.1	\$28.6	\$61.0	\$106.0	\$116.4	\$61.7	\$123.5	\$600.5

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