Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for April 2017

May 19, 2017

Public

Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for April 2017. This report is being sent to the Energy Division via EnergyDivisionCentralFiles@cpuc.ca.gov and served on the service list for A.11-03-001

http://www.pge.com/mybusiness/energysavingsrebates/demandresponse/cs/

Table I-1
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Subscription Statistics - Enrolled MW
April 2017

UTILITY NAME: Pacific Gas and Electric Company
Monthly Program Enrollment and Estimated Load Impacts

	January			February			March			April			May			June			
Programs	**Service Accounts [5, 6]**	**Ex Ante Estimated MW [1, 3, 7]**	**Ex Post Estimated MW [2, 3, 7]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1, 3, 7]**	**Ex Post Estimated MW [2, 3, 7]**	**Service Accounts [6, 8]**	**Ex Ante Estimated MW [1, 3, 7]**	**Ex Post Estimated MW [2, 3, 7]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Eligible Accounts as of Jan 1, 2017 [3]**
Interruptible/Reliability																			
BIP - Day Of	252	190	253	321	248	322	335	261	336	335	286	336							10,935
OBMC	18	0	0	18	0	0	18	0	0	18	0	0							N/A
SLRP	0	0	0	0	0	0	0	0	0	0	0	0							N/A
SmartAC™ - Commercial	3,928	0	1	3,843	0	1	3,805	0	1	3,764	0	1							N/A
SmartAC™ - Residential	150,718	0	59	150,218	0	59	149,480	0	58	148,670	0	58							N/A
Sub-Total Interruptible	154,916	190	313	154,400	248	382	153,638	261	395	152,787	286	395							
Price Response																			
AMP - Day Of [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CBP - Day Ahead	0	0	0	0	0	0	0	0	0	0	0	0							596,440
CBP - Day Of	0	0	0	0	0	0	0	0	0	0	0	0							
DBP [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PDP (200 kW or above)	2,335	11	34	2,286	11	33	2,288	13	33	2,466	30	35							5,571
PDP (above 20 kW & below 200 kW)	52,286	7	38	51,511	6	37	51,169	6	37	47,768	15	34							91,737
PDP (20 kW or below)	180,212	7	13	179,336	7	13	178,107	5	12	168,148	8	12							316,835
SmartRate™ - Residential	141,685	9	28	139,190	8	28	139,597	8	28	128,954	6	26							N/A
Sub-Total Price Response	376,518	33	112	372,323	33	110	371,161	33	110	347,336	60	107							
Total All Programs	531,434	223	425	526,723	281	492	524,799	294	506	500,123	346	503							

	July			August			September			October			November			December			
Programs	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Service Accounts [6]**	**Ex Ante Estimated MW [1]**	**Ex Post Estimated MW [2]**	**Eligible Accounts as of Jan 1, 2017 [3]**
Interruptible/Reliability																			
BIP - Day of																			10,935
OBMC																			N/A
SLRP																			N/A
SmartAC™ - Commercial																			N/A
SmartAC™ - Residential																			N/A
Sub-Total Interruptible																			
Price Response																			
AMP - Day Of [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CBP - Day Ahead																			596,440
CBP - Day Of																			
DBP [4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PDP (200 kW or above)																			5,571
PDP (above 20 kW & below 200 kW)																			91,737
PDP (20 kW or below)																			316,835
SmartRate™ - Residential																			N/A
Sub-Total Price Response																			
Total All Programs																			

NOTE: Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the Ex Post or Ex Ante columns. Ex post estimates reflect historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex Ante forecasts account for variables not included in the Ex Post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week which events occur, and other lesser effects etc. An Ex Ante forecast reflects forecast impact estimates that would occur between 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions if all DR programs were called simultaneously on the system peak day. In either case, MW estimates in this report will vary from estimates filed in the PG&E's annual April Compliance Filing pursuant to Decision 08-04-050 and reporting documents that may be supplied to other agencies e.g. CAISO, FERC, NERC, etc. MW estimates found in the Monthly ILP Report are not used by PG&E for operational reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

[1] Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 3, 2017 Load Impact Report for Demand Response. The values reported are calculated by using the monthly ex ante average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the Ex Ante average load impact is the average hourly load impact for an event that would occur from 1 - 6 pm on the system peak day of the month. The Ex Ante Estimated MW value for the aggregator program, e.g., CBP are the monthly nominated MW during the event season May through October and Zero non-event season months November through March.

[2] Ex Post Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 3, 2017 Load Impact Report for Demand Response. The values reported are calculated by using the annual Ex Post average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post load impact per customer is the average load impact per customer for those customers that may have participated in an event(s) during all actual event hours in the preceding year when or if events occurred. New programs report "n/a", as there were no prior events.

[3] April reporting corrects the Ex Ante Load Impacts March reporting updated the Eligible Accounts and Program Eligibility for the Ex Ante and Ex Post Average Load Impacts for 2017.

[4] Programs are closed and not available in 2017.

[5] The January reported CBP Day Ahead Service Accounts and Ex Ante MW for were revised to 0 as there were no nominated accounts in the months of non-event season months November through March.

[6] There are some SmartRate™ Residential customers (<.05%) not reflected in the summary or rate code count as program eligibility is being confirmed.

[7] April reporting corrects the Ex Ante per-customer Load Impacts. March reporting updated the Ex Ante and Post impacts based on PG&E's DR load impact filing as of April 3, 2017.

[8] April reporting corrects the Service Accounts in March for BIP Day Of from 339 to 335, to reflect the accurate updates not completed in March, and did not incur additional Service Accounts in April.

Pacific Gas and Electric Company
Average Ex Ante Load Impact kW / Customer
April 2017

Program Eligibility and Ex Ante Average Load Impacts [1]

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2017 [1]	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - Day Of	753.06	773.34	779.58	853.08	866.22	874.64	878.77	909.47	868.27	851.46	774.42	742.80	10,935	This schedule is available to bundled-service, Community Choice Aggregation (CCA) Service, and Direct Access (DA) commercial, industrial, and agricultural customers. Each customer, both directly enrolled and those enrolled in an aggregator's portfolio, must take service under the provisions of a demand time-of-use rate schedule to participate in the program and have at least an average monthly demand of 100 kilowatt (kW). Customers being served under Schedules AG-R or AG-V are not eligible for this program. Customers taking service under DA must meet the metering requirements prescribed in the Metering Equipment section of this rate schedule.
OBMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled, DA and CCA non-residential customer accounts with interval meters that must be able to reduce electric load such that the entire load on the PG&E circuit or dedicated substation that provides service to that customer is reduced to or below Maximum Load Levels (MLLs) for the entire duration of each and every RO operation.
SLRP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum average monthly demand of 100 kW. Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW.
SmartAC™ - Commercial	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. Closed to new enrollment.
SmartAC™ - Residential	N/A	N/A	N/A	N/A	0.35	0.56	0.58	0.55	0.52	0.25	N/A	N/A	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of [2]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Program is closed for 2017.
CBP - Day Ahead	N/A	N/A	N/A	N/A	138.07	138.07	138.07	138.07	138.07	138.07	N/A	N/A	596,440	A customer may participate in either the Day-Ahead or Day-Of option. A customer with multiple service agreements (SA) may nominate demand reductions from a single SA to either the Day-Of option or Day-Ahead option. An SA may not be nominated to both the Day-Of and Day-Ahead option during a single program month. Customers that receive electric power from third parties (other than through direct access and Community Choice Aggregation) and customers billed for standby service are not eligible for Schedule E-CBP. Eligible customers include those receiving partial standby service or services pursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.
CBP - Day Of	N/A	N/A	N/A	N/A	22.21	22.21	22.21	22.21	22.21	22.21	N/A	N/A		A customer may participate in either the Day-Ahead or Day-Of option. A customer with multiple service agreements (SA) may nominate demand reductions from a single SA to either the Day-Of option or Day-Ahead option. An SA may not be nominated to both the Day-Of and Day-Ahead option during a single program month. Customers that receive electric power from third parties (other than through direct access andCommunity Choice Aggregation) and customers billed for standby service are not eligible for Schedule E-CBP. Eligible customers include those receiving partial standby service or services pursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.
DBP [2]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Program is closed for 2017.
PDP (200 kW or above)	4.67	5.03	5.74	12.33	13.12	14.37	14.35	14.78	14.47	12.74	5.79	5.21	5,571	Default beginning on: May 1, 2010 for bundled C&I Customers >200 kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
PDP (above 20 kW & below 200 kW)	0.13	0.12	0.12	0.31	0.35	0.40	0.40	0.41	0.40	0.33	0.13	0.13	91,737	
PDP (20 kW or below)	0.04	0.04	0.03	0.05	0.06	0.07	0.07	0.07	0.07	0.05	0.03	0.04	316,835	
SmartRate™ - Residential	0.06	0.06	0.06	0.05	0.10	0.18	0.18	0.18	0.16	0.07	0.06	0.06	Not Available	A voluntary rate supplement to residential customers' otherwise applicable schedule. Available to Bundled-Service customers served on a single family residential electric rate schedule.

NOTE: The average Ex Ante load impacts per customer are based on the load impacts filing on April 3, 2017 (R.13-09-011). 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 for April through October, and 4 - 9 pm for November through March, on the PG&E system peak day of the month.

[1] April data corrects the Ex Ante Load Impacts. The March ILP provided the updated Eligible Accounts and Program Eligibility for the Ex Ante Average Load Impacts for 2017.

[2] Programs are closed and not available in 2017.

Pacific Gas and Electric Company
Average ExPost Load Impact kW / Customer
April 2017

Program Eligibility and Ex Post Average Load Impacts [1]

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2017 [1]	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - Day Of	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	1003.14	10,935	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW.
OBMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled, DA and CCA non-residential customer accounts with interval meters that must be able to reduce electric load such that the entire load on the PG&E circuit or dedicated substation that provides service to that customer is reduced to or below Maximum Load Levels (MLLs) for the entire duration of each and every RO operation.
SLRP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum average monthly demand of 100 kilowatts (kW). Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW.
SmartAC™ - Commercial	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	Not Available	Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. Closed to new enrollment.
SmartAC™ - Residential	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of [2]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Program is closed for 2017.
CBP - Day Ahead	149.47	149.47	149.47	149.47	149.47	149.47	149.47	149.47	149.47	149.47	149.47	149.47	596,440	Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services.
CBP - Day Of	27.27	27.27	27.27	27.27	27.27	27.27	27.27	27.27	27.27	27.27	27.27	27.27		Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services.
DBP [2]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Program is closed for 2017.
PDP (200 kW or above)	14.37	14.37	14.37	14.37	14.37	14.37	14.37	14.37	14.37	14.37	14.37	14.37	5,571	Default beginning on: May 1, 2010 for bundled C&I Customers >200 kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
PDP (above 20 kW & below 200 kW)	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	91,737	
PDP (20 kW or below)	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	316,835	
SmartRateTM - Residential	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	Not Available	A voluntary rate supplement to residential customers' otherwise applicable schedule. Available to Bundled-Service customers served on a single family residential electric rate schedule.

NOTE: The average Ex Ante Load Impacts per customer are based on the load impacts filing on April 3, 2017 (R.13-09-011). 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 for April through October, and 4 - 9 pm for November through March, on the PG&E system peak day of the month.

[1] The March ILP provided the updated Eligible Accounts and Program Eligibility for the Ex Post Average Load Impacts for 2017.

[2] Programs are closed and not available in 2017.

Table I-2
Pacific Gas and Electtric Company
Program Subscription Statistics
April 2017

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

2017	January				February				March			
Price Responsive	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs
AMP - Day Of [1, 2, 3]	N/A	**1.2**	N/A	**1.2**	N/A	1.2	N/A	**1.2**	N/A	1.2	N/A	**1.2**
CBP - Day Ahead		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
CBP - Day Of		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
DBP [1]	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**
PDP		**1.6**	0.0	**1.6**		**1.6**	0.0	**1.6**		**1.7**	0.0	**1.7**
SmartRate™ - Residential		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
SmartAC™ - Commercial		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
SmartAC™ - Residential		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
Total		**2.8**	**0.0**	**2.8**		**2.8**	**0.0**	**2.8**		**2.9**	**0.0**	**2.9**
Interruptible/Reliability												
BIP - Day of		0.0	0.0	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
OBMC		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**
Total		**0.0**	**0.0**	**0.0**		0.0	0.0	**0.0**		0.0	0.0	**0.0**
Total Technology MWs		**2.8**	**0.0**	**2.8**		**2.8**	**0.0**	**2.8**		**2.9**	**0.0**	**2.9**
General Program												
TA (may also be enrolled in TI and AutoDR)	0.0				0.0				0.0			
Total	**0.0**				**0.0**				**0.0**			
Total TA MWs	**0.0**	N/A	N/A	N/A	**0.0**	N/A	N/A	N/A	**0.0**	N/A	N/A	N/A

2017	April				May				June			
Price Responsive	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs
AMP - Day Of [1, 2, 3]	N/A	1.2	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**
CBP - Day Ahead		0.0	0.0	**0.0**								
CBP - Day Of		**0.2**	0.0	**0.2**								
DBP [1]	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**
PDP		1.7	0.0	**1.7**								
SmartRate™ - Residential		0.0	0.0	**0.0**								
SmartAC™ - Commercial		0.0	0.0	**0.0**								
SmartAC™ - Residential		0.0	0.0	**0.0**								
Total		**3.1**	**0.0**	**1.9**								
Interruptible/Reliability												
BIP - Day of		0.0	0.0	**0.0**								
OBMC		0.0	0.0	**0.0**								
SLRP		0.0	0.0	**0.0**								
Total		0.0	0.0	**0.0**								
Total Technology MWs		**3.1**	**0.0**	**1.9**								
General Program												
TA (may also be enrolled in TI and AutoDR)	0.0											
Total	**0.0**											
Total TA MWs	**0.0**	N/A	N/A	N/A								

2017	July				August				September			
Price Responsive	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs
AMP - Day Of [1,2]	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**
CBP - Day Ahead												
CBP - Day Of												
DBP [1]	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**
PDP												
SmartRate™ - Residential												
SmartAC™ - Commercial												
SmartAC™ - Residential												
Total												
Interruptible/Reliability												
BIP - Day of												
OBMC												
SLRP												
Total												
Total Technology MWs												
General Program												
TA (may also be enrolled in TI and AutoDR)												
Total												
Total TA MWs												

2017	October				November				December			
Price Responsive	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs	TI Verified MWs	Total Technology MWs
AMP - Day Of [1,2]	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	N/A	**N/A**
CBP - Day Ahead												
CBP - Day Of												
DBP [1]	N/A	N/A	**N/A**	N/A	N/A	N/A	**N/A**	N/A	N/A	N/A	N/A	**N/A**
PDP												
SmartRate™ - Residential												
SmartAC™ - Commercial												
SmartAC™ - Residential												
Total												
Interruptible/Reliability												
BIP - Day of												
OBMC												
SLRP												
Total												
Total Technology MWs												
General Program												
TA (may also be enrolled in TI and AutoDR)												
Total												
Total TA MWs												

NOTE: Projects for which applications were approved in the previous funding cycle are charged to that funding cycle; however, installed megawatts are at the time of installation regardless of funding cycle.
[1] Programs are not available in 2017.
[2] ADR project payments carry over to the following year. 60% is paid upfront on completion of enrollment and the remaining 40% later on performance during an event season.
[3] AMP value for January reflects 40% of the incentive payment that was processed and paid out in January for customer's participation in the 2016 DR Season.

Table I-3a
Pacific Gas and Electric Company
Demand Response Programs and Activities
2017 Incremental Cost Funding
April 2017

2017 Program Expenditures [1]

Cost Item	2016 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2017 Expenditures	Program-to-Date 2017 Expenditures	2017 Funding	Fund shift Adjustments	Percent Funding
Category 1: Reliability Programs																		
Base Interruptible Program (BIP)	$0	$15,550	$29,271	$28,752	$20,167	$0	$0	$0	$0	$0	$0	$0	$0	$93,739	$93,739	$271,194		34.6%
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	$0	$178	$777	$1,463	$1,486	$0	$0	$0	$0	$0	$0	$0	$0	$3,904	$3,904	$42,236		9.2%
Budget Category 1 Total	$0	$15,729	$30,048	$30,214	$21,652	$0	$0	$0	$0	$0	$0	$0	$0	$97,643	$97,643	$313,430	$0	31.2%
Category 2: Price-Responsive Programs																		
Capacity Bidding Program (CBP)	$0	$16,546	$27,037	$30,498	$24,904	$0	$0	$0	$0	$0	$0	$0	$0	$98,985	$98,985	$8,650,580		1.1%
SmartAC™	$0	$169,579	$242,264	$338,478	$232,767	$0	$0	$0	$0	$0	$0	$0	$0	$983,087	$983,087	$6,334,761		15.5%
Budget Category 2 Total	$0	$186,125	$269,301	$368,976	$257,671	$0	$0	$0	$0	$0	$0	$0	$0	$1,082,072	$1,082,072	$14,985,341	$0	7.2%
Category 3: DR Provider/Aggregator Managed Programs																		
Aggregator Managed Portfolio (AMP)	$0	$7,350	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,350	$7,350	$30,000		24.5%
Budget Category 3 Total	$0	$7,350	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,350	$7,350	$30,000	$0	24.5%
Category 4: Emerging & Enabling Programs																		
Auto DR	$0	$19,971	$175,175	$92,591	$120,413	$0	$0	$0	$0	$0	$0	$0	$0	$408,150	$408,150	$3,634,941		11.2%
DR Emerging Technology	$0	$58,626	$38,552	$45,433	$56,980	$0	$0	$0	$0	$0	$0	$0	$0	$199,591	$199,591	$1,404,528		14.2%
Budget Category 4 Total	$0	$78,597	$213,727	$138,024	$177,393	$0	$0	$0	$0	$0	$0	$0	$0	$607,741	$607,741	$5,039,469	$0	12.1%
Category 5: Pilots																		
Supply Side Pilot	$0	$26,599	$27,444	$51,591	$52,106	$0	$0	$0	$0	$0	$0	$0	$0	$157,740	$157,740	$2,100,000		7.5%
Excess Supply	$0	$14,005	$10,910	$48,330	$13,973	$0	$0	$0	$0	$0	$0	$0	$0	$87,218	$87,218	$600,000		14.5%
Budget Category 5 Total	$0	$40,604	$38,354	$99,921	$66,079	$0	$0	$0	$0	$0	$0	$0	$0	$244,958	$244,958	$2,700,000	$0	9.1%
Category 6: Evaluation, Measurement and Verification																		
DRMEC	$0	$28,552	$54,449	$44,361	$71,982	$0	$0	$0	$0	$0	$0	$0	$0	$199,344	$199,344	$2,900,000		6.9%
DR Research		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$400,000		0.0%
Budget Category 6 Total	$0	$28,552	$54,449	$44,361	$71,982	$0	$0	$0	$0	$0	$0	$0	$0	$199,344	$199,344	$3,300,000	$0	6.0%
Category 7: Marketing, Education and Outreach																		
DR Core Marketing and Outreach	$0	$58,985	$56,993	$118,754	$114,097	$0	$0	$0	$0	$0	$0	$0	$0	$348,828	$348,828	$3,023,346		11.5%
Education and Training	$0	$5,054	$10,767	$14,585	$9,091	$0	$0	$0	$0	$0	$0	$0	$0	$39,498	$39,498	$243,909		16.2%
Budget Category 7 Total	$0	$64,039	$67,760	$133,338	$123,188	$0	$0	$0	$0	$0	$0	$0	$0	$388,326	$388,326	$3,267,254	$0	11.9%
Category 8: DR System Support Activities																		
InterAct / DR Forecasting Tool	$0	$294,359	$542,627	$692,527	$564,942	$0	$0	$0	$0	$0	$0	$0	$0	$2,094,455	$2,094,455	$6,204,538		33.8%
DR Enrollment & Support	$0	$375,895	$223,241	$311,558	$325,759	$0	$0	$0	$0	$0	$0	$0	$0	$1,236,453	$1,236,453	$5,437,144		22.7%
Notifications	$0	$186,803	$358,492	$377,421	$390,126	$0	$0	$0	$0	$0	$0	$0	$0	$1,312,841	$1,312,841	$4,401,306		29.8%
DR Integration Policy & Planning	$0	$28,308	$94,019	$65,600	$52,802	$0	$0	$0	$0	$0	$0	$0	$0	$240,729	$240,729	$1,603,520		15.0%
Budget Category 8 Total	$0	$885,365	$1,218,379	$1,447,106	$1,333,628	$0	$0	$0	$0	$0	$0	$0	$0	$4,884,479	$4,884,479	$17,646,507	$0	27.7%
Category 9: Integrated Programs and Activities (Including Technical Assistance)																		
Technology Incentives - IDSM	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0		0.0%
Budget Category 9 Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0.0%
Category 10: Special Projects																		
Demand Response Auction Mechanism Pilot Phase 3 [2]	$44,107	$20,849	$32,728	$34,266	$18,939	$0	$0	$0	$0	$0	$0	$0	$0	$106,782	$150,889	$12,000,000		1.3%
Rule 24 O&M	$0	$28,575	$76,039	$69,565	$76,694	$0	$0	$0	$0	$0	$0	$0	$0	$250,873	$250,873	$700,000		35.8%
Budget Category 10 Total	$44,107	$49,425	$108,767	$103,830	$95,633	$0	$0	$0	$0	$0	$0	$0	$0	$357,654	$401,761	$12,700,000	$0	3.2%
Recovery of DR-related capital costs prior to 2009 (for interval metering as authorized in D.06-03-024/D.06-11-049); and, additionally, for the HAN Integration project (as authorized in D.12-04-045).	$0	$198,466	$204,301	$207,863	$202,534	$0	$0	$0	$0	$0	$0	$0	$0	$813,165	$813,165	$0	$0	0.0%
Total Incremental Cost [3]	$44,107	$1,554,251	$2,205,085	$2,573,635	$2,349,761	$0	$0	$0	$0	$0	$0	$0	$0	$8,682,732	$8,726,840	$59,982,001	$0	14.5%

Technical Assistance & Technology Incentives (TA&TI) Identified as of April 2017	$0

[1] The expenditures listed are in support of PG&E's DR programs for large commercial, industrial and agricultural customers, excluding the aggregator-managed programs. Disclosure complies with OP 24 of D.12-04-045.
[2] Per D. 16-06-029 DRAM funds from the 2017 Funding Cycle are available beginning in 2016 to ensure that the 2017 auction will take place in time for 2018 delivery. D. 16-06-029 Ordering Paragraph 21 authorizes PG&E $12m for DRAM in 2017 for auctions in 2018 and 2019.
[3] Total Incremental Cost excludes incentives. Incentives are reported on Table I-5.

Table I-3b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Expenditures and Funding
April 2017

Cost Item [1]	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Expenditures incurred in 2017
Category 1: Reliability Programs													
Base Interruptible Program (BIP)	$3,495	($3,477)	$0	$0									$18
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	$66	($62)	$0	$0									$4
Budget Category 1 Total	**$3,561**	**($3,539)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$22**
Category 2: Price-Responsive Programs													
Demand Bidding Program (DBP)	$8,424	($6,994)	($0)	($201)									$1,229
Capacity Bidding Program (CBP)	$2,186	($539)	($0)	$0									$1,647
Peak Choice	$0	$0	$0	$0									$0
SmartAC™	$21,516	($19,232)	$6,080	$37,433									$45,797
Critical Peak Pricing (CPP)	$0	$0	$0	$0									$0
Budget Category 2 Total	**$32,126**	**($26,765)**	**$6,080**	**$37,232**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$48,673**
Category 3: DR Provider/Aggregator Managed Programs													
Aggregator Managed Portfolio (AMP)	$2,370	($712)	($0)	$0									$1,658
Budget Category 3 Total	**$2,370**	**($712)**	**($0)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,658**
Category 4: Emerging & Enabling Programs													
Auto DR	$77,339	$159,378	$80,870	$104,847									$422,434
DR Emerging Technology	$20,670	$47,363	($55,117)	$32,882									$45,797
Budget Category 4 Total	**$98,008**	**$206,741**	**$25,753**	**$137,729**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$468,231**
Category 5: Pilots													
IRR Phase 2	$0	$0	$0	$0									$0
T&D DR	($965)	($211)	($1,143)	($352)									($2,671)
Plug-in Hybrid EV/EV (incl. HAN-EV)	$0	$19,505	$0	($405)									$19,100
Supply Side Pilot	$2,401	$892	($3,034)	($100)									$158
Excess Supply	$500	($469)	($0)	($600)									($570)
Budget Category 5 Total	**$1,936**	**$19,716**	**($4,177)**	**($1,457)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$16,018**
Category 6: Evaluation, Measurement and Verification													
DRMEC	$209,087	$145,520	$291,026	$185,053									$830,686
DR Research Studies	$5,000	$4,876	$42,092	$8,000									$59,968
Budget Category 6 Total	**$214,087**	**$150,396**	**$333,118**	**$193,053**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$890,654**
Category 7: Marketing, Education and Outreach													
DR Core Marketing and Outreach	($627)	($635)	($2,419)	($351)									($4,032)
SmartAC™ ME&O	$768	($11,568)	($1,449)	$96									($12,152)
Education and Training	$4,213	($1,008)	($2,161)	($48)									$996
Budget Category 7 Total	**$4,355**	**($13,211)**	**($6,028)**	**($304)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**($15,188)**
Category 8: DR System Support Activities													
InterAct / DR Forecasting Tool	$100,018	$50,906	($131,685)	$56									$19,296
DR Enrollment & Support	$59,204	($244,076)	$8,186	($9,419)									($186,105)
Notifications	$8,261	($6,314)	($1)	($317)									$1,630
DR Integration Policy & Planning	$49,655	($34,056)	($15,346)	$0									$253
Budget Category 8 Total	**$217,138**	**($233,540)**	**($138,846)**	**($9,679)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**($164,927)**
Category 9: Integrated Programs and Activities (Including Technical Assistance)													
Technology Incentives - IDSM	$9,361	($2,544)	($0)	$0									$6,817
PEAK	$0	$0	$0	$0									$0
Integrated Marketing & Outreach	$0	$0	$0	$0									$0
Integrated Education & Training	$0	$0	$0	$0									$0
Integrated Sales Training	$0	$0	$0	$0									$0
Integrated Energy Audits	($8,431)	($683)	($0)	$0									($9,114)
Integrated Emerging Technology	$0	$0	$0	$0									$0
Budget Category 9 Total	**$930**	**($3,227)**	**($0)**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**($2,298)**
Category 10: Special Projects													
Demand Response Auction Mechanism Pilot Phase 1	$440	($440)	$0	$0									($0)
Demand Response Auction Mechanism Pilot Phase 2	$9,933	$14,062	$21,712	$13,943									$59,650
DR-HAN Integration (excl. HAN-EV)	$0	$0	$0	$0									$0
Permanent Load Shifting	$15,369	$29,888	$51,784	$33,098									$130,140
Budget Category 10 Total	**$25,743**	**$43,510**	**$73,496**	**$47,041**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$189,789**
Total Incremental Cost	**$600,254**	**$139,369**	**$289,394**	**$403,616**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$1,432,633**

[1] Expenditures on this page reflect expenses incurred in 2017 from all prior funding cycles

Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
April 2017

Program Category	Program Name	Month	Zones[1]	Event No. (by Program Type)	Event Date	Program Type	Trigger	# of Accounts	Event Start Time (PDT)	Event End Time (PDT)	Program Tolled Hours	Load Reduction MW (Max Hourly) [2,3]
Category 1: Reliability Programs												
	Base Interruptible Program											
	Optional Bidding Mandatory Curtailment/ Scheduled Load Reduction											
Category 2: Price-Responsive Programs												
	Demand Bidding Program (N/A 2017)[4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Capacity Bidding Program											
	Peak Day Pricing											
	SmartAC											
	SmartRate											
Category 3: DR Provider/Aggregator Managedd Programs												
	Aggregator Managed Portfolio (N/A 2017)[4]	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: For 2017 the Results for CBP and BIP include load reduction from participants that are enrolled in multiple programs and the Results for PDP exclude load reduction from participants that are enrolled in multiple programs.

[1] Identifies location of event (SubLAP) for locally-dispatchable programs. Non-locally-dispatchable programs are listed as System. Serials listed can be throughout the territory, not a specific sublap (device serial last digits have a number from 0 to 9). For example, SmartAC 6/27 event Zone lists Serials 0,1,2,3,4,9; 6/10 of the entire device population installed got dispatched.

[2] Load reduction amount is based on available meter data and may vary by month pending the collection of all data.

[3] Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact the load reduction MW (Max Hourly) in the Public Version (identified with shaded cells) according to the 15/15 rule where there are fewer than 15 customers involved or where a single customer in the group accounts for more than 15 percent of the aggregated total.

[4] Programs are not available in 2017.

Table I-5a
Pacific Gas and Electric Company
2017 Demand Response Programs Incentives
April 2017

Annual Total Cost													
Cost Item	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Year-to-Date Total Cost**
Program Incentives													
Aggregator Managed Portfolio (AMP)[1, 3]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Automatic Demand Response (AutoDR)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Base Interruptible Program (BIP) [1]	$2,111,280	$2,254,034	$2,276,364	$2,225,510	$0	$0	$0	$0	$0	$0	$0	$0	$8,867,188
Capacity Bidding Program (CBP) [2]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Demand Bidding Program (DBP) [3]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Excess Supply Pilot	$700	$700	$700	$700	$0	$0	$0	$0	$0	$0	$0	$0	$2,800
Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program (OBMC / SLRP)[1]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Permanent Load Shift	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SmartAC™	$8,300	$8,815	$10,349	$13,279	$0	$0	$0	$0	$0	$0	$0	$0	$40,743
Supply Side Pilot	$10,000	$9,100	$10,000	$10,000	$0	$0	$0	$0	$0	$0	$0	$0	$39,100
Technology Incentive (TI)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transmission and Distribution Pilot (T&D DR)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Cost of Incentives	$2,130,280	$2,272,649	$2,297,414	$2,249,489	$0	$0	$0	$0	$0	$0	$0	$0	$8,949,831
Revenues from Penalties [4]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

[1] Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account.

[2] Incentives reported are net of penalties paid by the aggregators.

[3] Programs are closed and not available in 2017.

[4] Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in AMP and BIP programs.

Table I-5b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Incentives and Funding
April 2017

Annual Total Cost													
Cost Item [1]	**January**	**February**	**March**	**April**	**May**	**June**	**July**	**August**	**September**	**October**	**November**	**December**	**Carry-Over Incentives incurred in 2016**
Program Incentives													
Aggregator Managed Portfolio (AMP) [3]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Automatic Demand Response (AutoDR)	$327,645	$0	$10,559	$43,207	$0	$0	$0	$0	$0	$0	$0	$0	$381,411
Base Interruptible Program (BIP)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Capacity Bidding Program (CBP)	($397)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($397)
Demand Bidding Program (DBP) [3]	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
DRAM Phase 1 [2]	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DRAM Phase 2 [2]	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Excess Supply Pilot	$0	$0	($551)	$0	$0	$0	$0	$0	$0	$0	$0	$0	($551)
Permanent Load Shift	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
PHEV/EV Pilots	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Supply Side Pilot	$0	$0	($5,678)	($2,966)	$0	$0	$0	$0	$0	$0	$0	$0	($8,644)
SmartAC™	$10,273	$9	$0	($100)	$0	$0	$0	$0	$0	$0	$0	$0	$10,182
Technology Incentive (TI)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Transmission and Distribution Pilot (T&D DR)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Cost of Incentives	**$337,522**	**$9**	**$4,331**	**$40,140**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$382,001**
Revenues from Penalties	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

[1] Incentives on this page reflect incentives paid in 2017 from all prior funding cycles.
[2] DRAM incentives are confidential and redacted for the public version. The MWs under contract are known, and the costs are being paid under the contracts that won in the RFO.
[3] Programs are closed and not available in 2017.

Table I-7
Pacific Gas and Electric Company
2017 Marketing, Education and Outreach
Actual Expenditures
April 2017

PG&E's ME&O Actual Expenditures	2017 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to-Date 2017 Expenditures	2017 Authorized Budget (if Applicable)
	January	February	March	April	May	June	July	August	September	October	November	December		
I. STATEWIDE MARKETING														
IOU Administrative Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Statewide ME&O contract	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
I. TOTAL STATEWIDE MARKETING	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
II. UTILITY MARKETING BY ACTIVITY[1]														
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016	[redacted]													
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING														
Integrated Demand Side Marketing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Marketing My Account/Energy and Integrated Online Audit Tools	$ -	$ -	$ -	$ -									$ -	
Critical Peak Pricing > 200 kW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Demand Bidding Program	$ -	$ -	$ -	$ -									$ -	
Real Time Pricing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Permanent Load Shifting	$ 9,896	$ 9,826	$ 13,382	$ 9,441									$ 42,545	
Circuit Savers	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Small Commercial Technology Deployment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Enabling Technologies (e.g., AutoDR, TI)	$ 8,844	$ 10,241	$ 20,073	$ 14,162									$ 53,319	
PeakChoice	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Customer Awareness, Education and Outreach	$ 14,739	$ 17,068	$ 33,454	$ 23,603.25									$ 88,865	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING														
SmartAC	$ 30,561	$ 30,624	$ 66,430	$ 75,982	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 203,597	
Customer Research													$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	$ 10,000	$ 10,000	$ 52,567	$ 54,685									$ 127,252	
Labor	$ 20,561	$ 20,624	$ 13,863	$ 21,297									$ 76,345	
Paid Media													$ -	
Other Costs													$ -	
II. TOTAL UTILITY MARKETING BY ACTIVITY	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 388,326	
III. UTILITY MARKETING BY ITEMIZED COST														
Customer Research													$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	$ 14,000	$ 7,001	$ 65,832	$ 59,393.91									$ 146,227	
Labor	$ 50,039	$ 60,759	$ 67,506	$ 59,599.53									$ 237,904	
Paid Media				$ -									$ -	
Other Costs				$ 4,195.00									$ 4,195	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 388,326	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT														
Agricultural	$ 5,022	$ 5,570	$ 10,036	$ 7,081									$ 27,709	
Large Commercial and Industrial	$ 28,457	$ 31,565	$ 56,872	$ 40,126									$ 157,019	
Small and Medium Commercial	$ -		$ -	$ -									$ -	
Residential	$ 30,561	$ 30,624	$ 66,430	$ 75,982									$ 203,597	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 388,326	

[1]Utility Marketing includes all activities to market individual utility programs or rates, demand response concepts, and customer tools, that were approved or directed by Decision 14-05-025, whether or not the marketing budget was approved as a line item in the Decision. For example, PG&E should not include marketing for TOU and PDP because funding was authorized in another proceeding. However, PG&E must document all amounts spent on marketing individual demand response programs even though a specific marketing budget was not approved for the program. This example applies to all of the utilities. The programs and activities listed in item II of the template are meant as examples, and may not be exhaustive. However, the utilities must include all programs or rates that meet this description. The totals for Items II, III and IV should be equal.

FUND SHIFTING DOCUMENTATION PER DECISION 12-04-045 ORDERING PARAGRAPH 4

OP 4:

Pacific Gas and Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company:
May not shift funds between categories with two exceptions as stated in Ordering Paragraphs 4 and 5;
May continue to shift up to 50 percent of a Demand Response program's funds to another program within the same budget category, with proper monthly reporting;
Shall not shift funds within the "Pilots" or "Special Projects" categories without submitting a Tier 2 Advice Letter filing;
May shift funds for pilots in the Enabling or Emerging Technologies category;
Shall continue to submit a Tier 2 Advice Letter to eliminate a Demand Response program;
Shall not eliminate a program through multiple fund shifting events or for any other reason without prior authorization from the Commission; and
Shall submit a Tier 2 Advice Letter before shifting more than 50 percent of a program's funds to a different program within the same budget category.

Program Category	Fund Shift Amount	Programs Impacted	Date	Rationale for Fundshift
Category 1: Reliability Programs	$0.00			
Category 2: Price-Responsive Programs	$0.00			
Category 3: DR Provider/Aggregator Managed Programs	$0.00			
Category 4: Emerging & Enabling Programs	$0.00			
Category 5: Pilots	$0.00			
Category 6: Evaluation, Measurement and Verification	$0.00			
Category 7: Marketing, Education and Outreach	$0.00			
Category 8: DR System Support Activities	$0.00			
Category 9: Integrated Programs and Activities	$0.00			
Category 10: Special Projects	$550,000	Demand Response Auction Mechanism Pilot Phase 2 to Permanent Load Shifting for DREBA 2015-2016	1/31/2017	Prior fund shift from PLS to DRAM2 in DREBA 2015-16 underestimated funds needed for PLS therefore shifting back $550,000 to the original program.
	$1,550,000	Auto DR to Demand Response Auction Mechanism Pilot Phase 2 for DREBA 2015-2016	1/31/2017	The transferred funds support Demand Response Auction Mechanism pilot for DREBA 2015-16 pursuant to Ordering Paragraph 5 of Decision 14-12-014.
Total	**$2,100,000**			