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

August 21, 2017

Public

Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for July 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
July 2017**

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

Programs	January			February			March			April			May			June			Eligible Accounts as of Jan 1, 2017
	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	
Interruptible/Reliability																			
BIP - Day Of	252	190	253	321	248	322	335	261	336	335	286	336	331	287	332	330	289	331	10,935
OBMC	18	0	0	18	0	0	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	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	3,737	0	1	3,687	0	1	N/A
SmartAC™ - Residential	150,718	0	59	150,218	0	59	149,480	0	58	148,670	0	58	148,843	52	58	147,304	82	57	N/A
Sub-Total Interruptible	154,916	190	313	154,400	248	382	153,638	261	395	152,787	286	395	152,929	339	391	151,339	371	390	
Price Response																			
AMP - Day Of	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	17	2	3	19	2	3	596,440
CBP - Day Of	0	0	0	0	0	0	0	0	0	0	0	0	878	20	24	907	22	25	
DBP	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	2,329	31	33	2,270	33	33	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	46,994	16	34	46,450	19	33	91,737
PDP (20 kW or below)	180,212	7	13	179,336	7	13	178,107	5	12	168,148	8	12	163,972	10	11	161,375	11	11	316,835
SmartRate™ - Residential	141,685	9	28	139,190	8	28	139,597	8	28	128,954	6	26	129,013	13	26	128,517	23	26	N/A
Sub-Total Price Response	376,518	33	112	372,323	33	110	371,161	33	110	347,336	60	107	343,203	92	131	339,538	110	131	
Total All Programs	531,434	223	425	526,723	281	492	524,799	294	506	500,123	346	503	496,132	431	522	490,877	481	520	

Programs	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2017
	Service Accounts ^{3,4}	Ex Ante Estimated MW ^{1,5}	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	Service Accounts ³	Ex Ante Estimated MW ¹	Ex Post Estimated MW ²	
Interruptible/Reliability																			
BIP - Day Of	352	309	353																10,935
OBMC	18	0	0																N/A
SLRP	0	0	0																N/A
SmartAC™ - Commercial	0	0	0																N/A
SmartAC™ - Residential	124,626	72	49																N/A
Sub-Total Interruptible	124,996	382	402																
Price Response																			
AMP - Day Of	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	17	2	3																596,440
CBP - Day Of	908	20	25																
DBP	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)	2,154	31	31																5,571
PDP (above 20 kW & below 200 kW)	45,542	18	33																91,737
PDP (20 kW or below)	159,842	11	11																316,835
SmartRate™ - Residential	120,295	22	24																N/A
Sub-Total Price Response	328,758	104	126																
Total All Programs	453,754	486	528																

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 6 pm 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.

NOTE: AMP and DBP are closed and not available in 2017.

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

⁴ Customers with little to no air conditioning usage or low economic viability were retired from SmartAC in July 2017. This measure was implemented to improve customer experience, reliability, economic efficiency, and support market integration (A.17-01-018 and A.17-01-019).

⁵ BIP customers that dual participate in PDP are not counted towards the 300 MW BIP cap. The BIP program is below the 300 MW cap for the month of July 2017.

**Pacific Gas and Electric Company
Average Ex Ante Load Impact kW / Customer
July 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	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	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.
DBP	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.

NOTE: AMP and DBP are closed and not available in 2017.

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.

**Pacific Gas and Electric Company
Average ExPost Load Impact kW / Customer
July 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	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	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	
SmartRate™ - 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.

NOTE: AMP and DBP are closed and not available in 2017.

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

Table I-2
Pacific Gas and Electric Company
Program Subscription Statistics
July 2017

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																								
2017																								
Price Responsive	January				February				March				April				May				June			
	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	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	1.2	N/A	1.2	N/A	1.2	N/A	1.2	N/A	1.2	N/A	1.2	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		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		0.2	0.0	0.2		0.2	0.0	0.2		2.9	0.0	2.9
DBP	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	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		1.7	0.0	1.7		1.7	0.0	1.7		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		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		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		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		3.1	0.0	1.9		1.9	0.0	1.9		4.6	0.0	4.6
Interruptible/Reliability																								
BIP - Day of		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		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		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	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		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		3.1	0.0	1.9		1.9	0.0	1.9		4.6	0.0	4.6
General Program																								
TA (may also be enrolled in TI and AutoDR)	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
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	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																								
Price Responsive	July				August				September				October				November				December			
	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	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	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																				
CBP - Day Of		2.9	0.0	2.9																				
DBP	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	N/A	N/A	N/A	N/A	N/A
PDP		2.1	0.0	2.1																				
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		5.0	0.0	5.0																				
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		5.0	0.0	5.0																				
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																				

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.
NOTE: AMP and DBP are not available in 2017.
¹ 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.
² 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
July 2017**

2017 Program Expenditures¹

Cost Item	2016 Expenditures	2017 Expenditures												Year-to-Date 2017 Expenditures	Program-to-Date 2017 Expenditures	2017 Funding ⁵	Fund shift Adjustments	Percent Funding	
		January	February	March	April	May	June	July	August	September	October	November	December						
Category 1: Reliability Programs																			
Base Interruptible Program (BIP)	\$0	\$15,550	\$29,271	\$28,752	\$20,167	\$22,797	\$18,546	\$22,350	\$0	\$0	\$0	\$0	\$0	\$0	\$157,433	\$157,433	\$254,670	61.8%	
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$0	\$178	\$777	\$1,463	\$1,486	\$534	\$672	\$442	\$0	\$0	\$0	\$0	\$0	\$0	\$5,552	\$5,552	\$41,833	13.3%	
Budget Category 1 Total	\$0	\$15,729	\$30,048	\$30,214	\$21,652	\$23,331	\$19,218	\$22,792	\$0	\$0	\$0	\$0	\$0	\$162,984	\$162,984	\$296,503	\$0	55.0%	
Category 2: Price-Responsive Programs																			
Capacity Bidding Program (CBP)	\$0	\$16,546	\$27,037	\$30,498	\$24,904	\$25,567	\$27,074	\$31,122	\$0	\$0	\$0	\$0	\$0	\$182,749	\$182,749	\$8,633,975	2.1%		
SmartAC™	\$0	\$169,579	\$242,264	\$338,478	\$232,767	\$596,061	\$517,194	\$511,804	\$0	\$0	\$0	\$0	\$0	\$2,608,146	\$2,608,146	\$6,303,512	41.4%		
Budget Category 2 Total	\$0	\$186,125	\$269,301	\$368,976	\$257,671	\$621,629	\$544,268	\$542,926	\$0	\$0	\$0	\$0	\$0	\$2,790,895	\$2,790,895	\$14,937,486	\$0	18.7%	
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	\$267,444	\$181,132	\$137,441	\$0	\$0	\$0	\$0	\$0	\$994,168	\$994,168	\$3,619,168	27.5%		
DR Emerging Technology	\$0	\$58,626	\$38,552	\$45,433	\$56,980	\$88,207	\$69,709	\$40,349	\$0	\$0	\$0	\$0	\$0	\$397,856	\$397,856	\$1,390,051	28.6%		
Budget Category 4 Total	\$0	\$78,597	\$213,727	\$138,024	\$177,393	\$355,651	\$250,841	\$177,790	\$0	\$0	\$0	\$0	\$0	\$1,392,024	\$1,392,024	\$5,009,218	\$0	27.8%	
Category 5: Pilots																			
Supply Side Pilot	\$0	\$26,599	\$27,444	\$51,591	\$52,106	\$38,929	\$40,486	\$46,024	\$0	\$0	\$0	\$0	\$0	\$283,179	\$283,179	\$2,089,887	13.5%		
Excess Supply	\$0	\$14,005	\$10,910	\$48,330	\$13,973	\$17,799	\$15,076	\$23,738	\$0	\$0	\$0	\$0	\$0	\$143,832	\$143,832	\$596,915	24.1%		
Budget Category 5 Total	\$0	\$40,604	\$38,354	\$99,921	\$66,079	\$56,728	\$55,562	\$69,762	\$0	\$0	\$0	\$0	\$0	\$427,011	\$427,011	\$2,686,802	\$0	15.9%	
Category 6: Evaluation, Measurement and Verification																			
DRMEC	\$0	\$28,552	\$54,449	\$44,361	\$71,982	\$122,971	\$57,110	\$74,172	\$0	\$0	\$0	\$0	\$0	\$453,597	\$453,597	\$2,854,566	15.9%		
DR Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$394,824	0.0%		
Budget Category 6 Total	\$0	\$28,552	\$54,449	\$44,361	\$71,982	\$122,971	\$57,110	\$74,172	\$0	\$0	\$0	\$0	\$0	\$453,597	\$453,597	\$3,249,390	\$0	14.0%	
Category 7: Marketing, Education and Outreach																			
DR Core Marketing and Outreach	\$0	\$58,985	\$56,993	\$118,754	\$114,097	\$352,892	\$483,366	\$192,653	\$0	\$0	\$0	\$0	\$0	\$1,377,739	\$1,377,739	\$2,979,351	46.2%		
Education and Training	\$0	\$5,054	\$10,767	\$14,585	\$9,091	\$9,381	\$10,968	\$6,948	\$0	\$0	\$0	\$0	\$0	\$66,795	\$66,795	\$233,344	28.6%		
Budget Category 7 Total	\$0	\$64,039	\$67,760	\$133,338	\$123,188	\$362,273	\$494,333	\$199,601	\$0	\$0	\$0	\$0	\$0	\$1,444,534	\$1,444,534	\$3,212,695	\$0	45.0%	
Category 8: DR System Support Activities																			
InterAct / DR Forecasting Tool	\$0	\$294,359	\$542,627	\$692,527	\$564,942	\$462,602	\$451,140	\$359,925	\$0	\$0	\$0	\$0	\$0	\$3,368,123	\$3,368,123	\$6,177,126	54.5%		
DR Enrollment & Support	\$0	\$375,895	\$223,241	\$311,558	\$325,759	\$341,922	\$325,217	\$172,399	\$0	\$0	\$0	\$0	\$0	\$2,075,991	\$2,075,991	\$5,409,732	38.4%		
Notifications	\$0	\$186,803	\$358,492	\$377,421	\$390,126	\$257,856	\$390,825	\$135,379	\$0	\$0	\$0	\$0	\$0	\$2,096,901	\$2,096,901	\$4,373,894	47.9%		
DR Integration Policy & Planning	\$0	\$28,308	\$94,019	\$65,600	\$52,802	\$59,949	\$87,965	\$66,160	\$0	\$0	\$0	\$0	\$0	\$454,803	\$454,803	\$1,568,932	29.0%		
Budget Category 8 Total	\$0	\$885,365	\$1,218,379	\$1,447,106	\$1,333,628	\$1,122,329	\$1,255,146	\$733,864	\$0	\$0	\$0	\$0	\$0	\$7,995,818	\$7,995,818	\$17,529,685	\$0	45.6%	
Category 9: Integrated Programs and Activities (Including Technical Assistance)²																			
Technology Incentives - IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	0.0%	
Integrated Energy Audits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,264,000	0.0%	
Budget Category 9 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,264,000	\$0	0.0%
Category 10: Special Projects																			
Demand Response Auction Mechanism Pilot Phase 3 ³	\$44,107	\$20,849	\$32,728	\$34,266	\$18,939	\$19,745	\$26,434	\$4,835	\$0	\$0	\$0	\$0	\$0	\$157,796	\$201,903	\$12,000,000	1.7%		
Rule 24 O&M	\$0	\$28,575	\$76,039	\$69,565	\$76,694	\$97,031	\$124,622	\$64,574	\$0	\$0	\$0	\$0	\$0	\$537,099	\$537,099	\$648,395	82.8%		
Budget Category 10 Total	\$44,107	\$49,425	\$108,767	\$103,830	\$95,633	\$116,776	\$151,056	\$69,409	\$0	\$0	\$0	\$0	\$0	\$694,895	\$739,002	\$12,648,395	\$0	5.8%	
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	\$202,129	\$200,364	\$200,379	\$0	\$0	\$0	\$0	\$0	\$1,416,037	\$1,416,037	\$0	\$0	0.0%	
Total Incremental Cost⁴	\$44,107	\$1,554,251	\$2,205,085	\$2,573,635	\$2,349,761	\$2,983,817	\$3,027,898	\$2,090,696	\$0	\$0	\$0	\$0	\$0	\$16,785,144	\$16,829,251	\$62,864,175	\$0	26.8%	
Technical Assistance & Technology Incentives (TA&TI) Identified as of July 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 Additional funding for Technology Incentives and Integrated Energy Audits was approved in Energy Efficiency Decision 14-10-046. This funding will continue through 2025 unless the Commission issues a superseding funding decision.

³ 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.

⁴ Total Incremental Cost excludes incentives. Incentives are reported on Table I-5.

⁵ Program budgets have been updated to include employee benefits costs approved in the GRC (D.17-05-013) - Decision Authorizing Pacific Gas and Electric Company's General Rate Case Revenue Requirement for 2017-2019, issue date of May 11, 2017.

**Table I-3b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Expenditures and Funding
July 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	\$0	\$0	\$0						\$18
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$66	(\$62)	\$0	\$0	\$0	\$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)	\$0	\$0	\$0						\$1,229
Capacity Bidding Program (CBP)	\$2,186	(\$539)	(\$0)	\$0	\$0	\$0	\$0						\$1,647
Peak Choice	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
SmartAC™	\$21,516	(\$19,232)	\$6,080	\$37,433	(\$24,834)	(\$0)	\$0						\$20,964
Critical Peak Pricing (CPP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Budget Category 2 Total	\$32,126	(\$26,765)	\$6,080	\$37,232	(\$24,834)	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	\$23,839
Category 3: DR Provider/Aggregator Managed Programs													
Aggregator Managed Portfolio (AMP)	\$2,370	(\$712)	(\$0)	\$0	\$0	\$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	\$26,345	\$33,575	\$33,600						\$515,953
DR Emerging Technology	\$20,670	\$47,363	(\$55,117)	\$32,882	\$3,125	\$12,537	\$420						\$61,879
Budget Category 4 Total	\$98,008	\$206,741	\$25,753	\$137,729	\$29,470	\$46,113	\$34,020	\$0	\$0	\$0	\$0	\$0	\$577,833
Category 5: Pilots													
IRR Phase 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
T&D DR	(\$965)	(\$211)	(\$1,143)	(\$352)	(\$19,707)	\$0	\$0						(\$22,378)
Plug-in Hybrid EV/EV (incl. HAN-EV)	\$0	\$19,505	\$0	(\$405)	\$0	\$0	\$0						\$19,100
Supply Side Pilot	\$2,401	\$892	(\$3,034)	(\$100)	\$0	\$0	\$0						\$158
Excess Supply	\$500	(\$469)	(\$0)	(\$600)	\$0	\$0	\$0						(\$570)
Budget Category 5 Total	\$1,936	\$19,716	(\$4,177)	(\$1,457)	(\$19,707)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,689)
Category 6: Evaluation, Measurement and Verification													
DRMEC	\$209,087	\$145,520	\$291,026	\$185,053	\$44,117	\$41,506	\$14,383						\$930,693
DR Research Studies	\$5,000	\$4,876	\$42,092	\$8,000	\$8,000	\$8,000	\$8,000						\$83,968
Budget Category 6 Total	\$214,087	\$150,396	\$333,118	\$193,053	\$52,117	\$49,506	\$22,383	\$0	\$0	\$0	\$0	\$0	\$1,014,660
Category 7: Marketing, Education and Outreach													
DR Core Marketing and Outreach	(\$627)	(\$635)	(\$2,419)	(\$351)	\$0	\$0	\$0						(\$4,032)
SmartAC™ ME&O	\$768	(\$11,568)	(\$1,449)	\$96	\$0	\$342	\$0						(\$11,810)
Education and Training	\$4,213	(\$1,008)	(\$2,161)	(\$48)	\$0	\$0	\$0						\$996
Budget Category 7 Total	\$4,355	(\$13,211)	(\$6,028)	(\$304)	\$0	\$342	\$0	\$0	\$0	\$0	\$0	\$0	(\$14,846)
Category 8: DR System Support Activities													
InterAct / DR Forecasting Tool	\$100,018	\$50,906	(\$131,685)	\$56	(\$56)	\$0	\$0						\$19,240
DR Enrollment & Support	\$59,204	(\$244,076)	\$8,186	(\$9,419)	(\$7,911)	\$28	\$0						(\$193,988)
Notifications	\$8,261	(\$6,314)	(\$1)	(\$317)	\$0	\$0	\$0						\$1,630
DR Integration Policy & Planning	\$49,655	(\$34,056)	(\$15,346)	\$0	\$0	\$0	\$0						\$253
Budget Category 8 Total	\$217,138	(\$233,540)	(\$138,846)	(\$9,679)	(\$7,967)	\$28	\$0	\$0	\$0	\$0	\$0	\$0	(\$172,866)
Category 9: Integrated Programs and Activities (Including Technical Assistance)													
Technology Incentives - IDSM	\$9,361	(\$2,544)	(\$0)	\$0	\$0	\$0	\$0						\$6,817
PEAK	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Integrated Marketing & Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Integrated Education & Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Integrated Sales Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Integrated Energy Audits	(\$8,431)	(\$683)	(\$0)	\$0	(\$0)	\$0	\$0						(\$9,114)
Integrated Emerging Technology	\$0	\$0	\$0	\$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	\$0	\$0						(\$0)
Demand Response Auction Mechanism Pilot Phase 2	\$9,933	\$14,062	\$21,712	\$13,943	\$29,552	\$26,545	\$32,909						\$148,656
DR-HAN Integration (excl. HAN-EV)	\$0	\$0	\$0	\$0	\$0	\$0	\$0						\$0
Permanent Load Shifting	\$15,369	\$29,888	\$51,784	\$33,098	\$25,248	\$22,966	\$15,194						\$193,548
Budget Category 10 Total	\$25,743	\$43,510	\$73,496	\$47,041	\$54,800	\$49,511	\$48,104	\$0	\$0	\$0	\$0	\$0	\$342,204
Total Incremental Cost	\$600,254	\$139,369	\$289,394	\$403,616	\$83,878	\$145,501	\$104,506	\$0	\$0	\$0	\$0	\$0	\$1,766,519

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
July 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 Tolerated Hours	Load Reduction MW (Max Hourly) ²
Category 1: Reliability Programs												
	Base Interruptible Program	MAY	System	1	5/3/17	Day Of	CAISO Stage 1 Emergency	331	8:00 PM	9:25 PM	1.42	216.2
	Base Interruptible Program	JULY	System	2	7/11/17	Day Of	Reset	76	6:00 PM	8:00 PM	2	104.6
	Optional Bidding/Mandatory Curtailment/Scheduled Load Reduction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Category 2: Price-Responsive Programs												
	Demand Bidding Program (N/A 2017)	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 ³	MAY	North of Point 15, Stockton, Kern, ZIPs, Humboldt, Peninsula, South Bay (Bay Area), North Bay (Bay Area), Peninsula (Bay Area), Central Coast	1	5/22/17	Day Ahead	Heat rate	12	5:00 PM	7:00 PM	2	REDACTED
	Capacity Bidding Program ⁴	MAY	System	2	5/23/17	Day Ahead	Heat rate	17	3:00 PM	7:00 PM	4	REDACTED
	Capacity Bidding Program ⁴	JUNE	System	3	6/19/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	REDACTED
	Capacity Bidding Program ⁵	JUNE	System	4	6/20/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	REDACTED
	Capacity Bidding Program ⁵	JUNE	System	5	6/22/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	REDACTED
	Capacity Bidding Program ⁵	JUNE	North Coast, Stockton	6	6/23/17	Day Ahead	Heat rate and Price	1	4:00 PM	7:00 PM	3	REDACTED
	Capacity Bidding Program ⁵	JULY	System	7	7/7/17	Day Ahead	Heat rate and Price	17	4:00 PM	7:00 PM	3	REDACTED
	Capacity Bidding Program ⁵	JULY	System	8	7/27/17	Day Ahead	Heat rate and Price	17	6:00 PM	7:00 PM	1	REDACTED
	Capacity Bidding Program ⁵	JULY	East Bay (Bay Area), Geysers, North Bay, North Coast, Peninsula, South Bay (Bay Area), Stockton	9	7/31/17	Day Ahead	Heat rate and Price	6	5:00 PM	7:00 PM	2	REDACTED
	Capacity Bidding Program ⁵	JULY	Central Coast, Fresno, Humboldt, Kern, North of Point 15, San Francisco (Bay Area), Sierra, ZIPs	10	7/31/17	Day Ahead	Heat rate and Price	11	6:00 PM	7:00 PM	1	REDACTED
	Capacity Bidding Program	MAY	System	1	5/22/17	Day Of	Heat rate	863	3:00 PM	7:00 PM	4	17.1
	Capacity Bidding Program	MAY	Central Coast, East Bay (Bay Area), Geysers, Humboldt, North Bay, North of Point 15, Peninsula (Bay Area), South Bay (Bay Area), San Francisco (Bay Area)	2	5/23/17	Day Of	Heat rate	514	3:00 PM	7:00 PM	4	9.8
	Capacity Bidding Program ⁶	JUNE	East Bay (Bay Area), Geysers, North Bay	3	6/16/17	Day Of	Heat rate and Price	162	3:00 PM	7:00 PM	4	3.4
	Capacity Bidding Program	JUNE	System	4	6/19/17	Day Of	Heat rate and Price	871	3:00 PM	7:00 PM	4	26.4
	Capacity Bidding Program	JUNE	System	5	6/20/17	Day Of	Heat rate and Price	868	3:00 PM	7:00 PM	4	22.5
	Capacity Bidding Program	JUNE	System	6	6/22/17	Day Of	Heat rate and Price	863	3:00 PM	7:00 PM	4	26.0
	Capacity Bidding Program ⁷	JUNE	North Coast, Stockton	7	6/23/17	Day Of	Heat rate and Price	26	4:00 PM	7:00 PM	3	REDACTED
	Capacity Bidding Program	JULY	System	8	7/7/17	Day Of	Heat rate and Price	908	4:00 PM	7:00 PM	3	22.1
	Capacity Bidding Program	JULY	System	9	7/27/17	Day Of	Heat rate and Price	908	6:00 PM	7:00 PM	1	20.6
	Capacity Bidding Program	JULY	East Bay (Bay Area), Geysers, North Bay, North Coast, Peninsula, South Bay (Bay Area), Stockton	10	7/31/17	Day Of	Heat rate and Price	380	5:00 PM	7:00 PM	2	10.2
	Capacity Bidding Program	JULY	Central Coast, Fresno, Humboldt, Kern, North of Point 15, San Francisco (Bay Area), Sierra, ZIPs	10	7/31/17	Day Of	Heat rate and Price	528	6:00 PM	7:00 PM	1	10.5
	Peak Day Pricing	JUNE	System	1	6/16/17	Day Ahead	Temperature	208,936	2:00 PM	6:00 PM	4	50.4
	Peak Day Pricing	JUNE	System	2	6/19/17	Day Ahead	Temperature	208,936	2:00 PM	6:00 PM	4	51.6
	Peak Day Pricing	JUNE	System	3	6/20/17	Day Ahead	Temperature	208,753	2:00 PM	6:00 PM	4	27.5
	Peak Day Pricing	JUNE	System	4	6/22/17	Day Ahead	Temperature	208,753	2:00 PM	6:00 PM	4	56.9
	Peak Day Pricing	JUNE	System	5	6/23/17	Day Ahead	Temperature	208,753	2:00 PM	6:00 PM	4	53.1
	Peak Day Pricing	JULY	System	6	7/7/17	Day Ahead	Temperature	207,353	2:00 PM	6:00 PM	4	55.3
	Peak Day Pricing	JULY	System	7	7/27/17	Day Ahead	Temperature	205,991	2:00 PM	6:00 PM	4	80.1
	Peak Day Pricing	JULY	System	8	7/31/17	Day Ahead	Temperature	205,755	2:00 PM	6:00 PM	4	18.5
	SmartAC	MAY	System	1	5/3/17	Day Of	CAISO Stage 1 Emergency	143,987	7:15 PM	9:30 PM	2.25	26.1
	SmartAC	JUNE	Serials 0, 4, 9, 7, 8	2	6/19/17	Day Of	Temperature	62,246	4:30 PM	9:00 PM	4.5	30.0
	SmartAC	JUNE	Serials 4, 8	3	6/22/17	Day Of	Temperature	25,069	5:30 PM	8:00 PM	2.5	6.2
	SmartAC	JULY	Fresno, North of Point 15, ZIPs	4	7/6/17	Day Of	Temperature	43,629	4:30 PM	7:00 PM	2.5	18.4
	SmartAC	JULY	Serials 0, 4, 5, 6, 7, 8, 9	5	7/7/17	Day Of	Temperature	78,936	3:30 PM	8:00 PM	4.5	20.2
	SmartAC	JULY	Serial 1	6	7/15/17	Day Of	Temperature	13,405	11:30 AM	3:00 PM	3.5	3.7
	SmartAC	JULY	Serial 0	6	7/15/17	Day Of	Temperature	13,528	2:30 PM	6:00 PM	3.5	7.3
	SmartAC	JULY	Serial 3	6	7/15/17	Day Of	Temperature	13,565	5:30 PM	9:00 PM	3.5	5.5
	SmartAC	JULY	Serials 5, 7, 6, 8, 4, 9	7	7/27/17	Day Of	Temperature	61,909	2:30 PM	7:00 PM	4.5	13.3
	SmartAC	JULY	Fresno, Kern, North of Point 15, ZIPs	8	7/28/17	Day Of	Temperature	50,202	4:30 PM	7:00 PM	3.5	21.0
	SmartAC	JULY	Kern, Sierra, North Coast	9	7/31/17	Day Of	Temperature	20,485	4:30 PM	7:00 PM	3.5	13.1
	SmartRate	JUNE	System	1	6/16/17	Day Ahead	Temperature	128,528	2:00 PM	7:00 PM	5	33.1
	SmartRate	JUNE	System	2	6/19/17	Day Ahead	Temperature	128,528	2:00 PM	7:00 PM	5	52.5
	SmartRate	JUNE	System	3	6/20/17	Day Ahead	Temperature	128,464	2:00 PM	7:00 PM	5	49.6
	SmartRate	JUNE	System	4	6/22/17	Day Ahead	Temperature	128,433	2:00 PM	7:00 PM	5	59.4
	SmartRate	JUNE	System	5	6/23/17	Day Ahead	Temperature	128,425	2:00 PM	7:00 PM	5	46.8
	SmartRate	JULY	System	6	7/7/17	Day Ahead	Temperature	128,248	2:00 PM	7:00 PM	5	36.7
	SmartRate	JULY	System	7	7/27/17	Day Ahead	Temperature	121,053	2:00 PM	7:00 PM	5	26.3
	SmartRate	JULY	System	8	7/31/17	Day Ahead	Temperature	120,374	2:00 PM	7:00 PM	5	23.4
Category 3: DR Provider/Aggregator Managed Programs (Aggregator Managed Portfolios (N/A 2017))												
	Aggregator Managed Portfolios (N/A 2017)	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.
NOTE: AMP and DBP are not available in 2017.

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, if the SmartAC event Zone lists Serials 0, 1, 2, 3, 4, 9, then 60% 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 reduce 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 CBP uses both heat rate and price triggers starting 5/25/2017.

Table I-5a
Pacific Gas and Electric Company
2017 Demand Response Programs Incentives
July 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	\$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	2,205,416	\$2,325,208	\$2,441,787	\$0	\$0	\$0	\$0	\$0	\$15,839,599
Capacity Bidding Program (CBP) ²	\$0	\$0	\$0	\$0	\$81,311	\$108,146	\$378,644	\$0	\$0	\$0	\$0	\$0	\$568,102
Demand Bidding Program (DBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Excess Supply Pilot	\$700	\$700	\$700	\$700	\$700	\$7,300	\$6,151	\$0	\$0	\$0	\$0	\$0	\$16,951
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 TM	\$8,300	\$8,815	\$10,349	\$13,279	\$23,226	(\$50)	\$33,695	\$0	\$0	\$0	\$0	\$0	\$97,614
Supply Side Pilot	\$10,000	\$9,100	\$10,000	\$10,000	\$10,000	\$10,000	\$6,161	\$0	\$0	\$0	\$0	\$0	\$65,261
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	\$2,320,653	\$2,450,605	\$2,866,437	\$0	\$0	\$0	\$0	\$0	\$16,587,526
Revenues from Penalties ³	\$0	\$0	\$0	\$0	228,234	\$0	\$84,748	\$0	\$0	\$0	\$0	\$0	\$312,982

NOTE: AMP and DBP are closed and not available in 2017.

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

**Table I-5b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Incentives and Funding
July 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)	\$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	\$313,353	\$51,840	\$0	\$0	\$0	\$0	\$0	\$746,604
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)	\$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	\$150	(\$100)	(\$50)	\$100	\$100	\$0	\$0	\$0	\$0	\$0	\$10,482
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	\$4,481	\$40,140	(\$50)	\$313,453	\$51,940	\$0	\$0	\$0	\$0	\$0	\$747,494
Revenues from Penalties	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

NOTE: AMP and DBP are closed and not available in 2017.

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.

**Table I-7
Pacific Gas and Electric Company
2017 Marketing, Education and Outreach
Actual Expenditures
July 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 ACTIVITY¹															
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016															
PROGRAMS, RATES & ACTIVITIES 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	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	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	N/A	N/A
Permanent Load Shifting	\$ 9,896	\$ 9,826	\$ 13,382	\$ 9,441	\$ 9,899	\$ 8,754	\$ 7,476								\$ 68,674
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	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	N/A	N/A
Enabling Technologies (e.g., AutoDR, TI)	\$ 8,844	\$ 10,241	\$ 20,073	\$ 14,162	\$ 14,848	\$ 13,131	\$ 11,215								\$ 92,513
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	N/A	N/A
Customer Awareness, Education and Outreach	\$ 14,739	\$ 17,068	\$ 33,454	\$ 23,603	\$ 24,747	\$ 21,885	\$ 18,691								\$ 154,188
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING															
SmartAC	\$ 30,561	\$ 30,624	\$ 66,430	\$ 75,982	\$ 312,780	\$ 450,563	\$ 162,219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,129,158
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 10,000	\$ 10,000	\$ 52,567	\$ 54,685	\$ 274,396	\$ 416,823	\$ 144,225								\$ 962,696
Labor	\$ 20,561	\$ 20,624	\$ 13,863	\$ 21,297	\$ 28,434	\$ 19,740	\$ 17,994								\$ 142,512
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ 9,950	\$ 14,000	\$ -								\$ 23,950
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 64,039	\$ 67,760	\$ 133,338	\$ 123,188	\$ 362,273	\$ 494,333	\$ 199,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,444,534
III. UTILITY MARKETING BY ITEMIZED COST															
Customer Research															\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 14,000	\$ 7,001	\$ 65,832	\$ 59,394	\$ 278,003	\$ 430,977	\$ 150,937								\$ 1,006,145
Labor	\$ 50,039	\$ 60,759	\$ 67,506	\$ 59,600	\$ 74,235	\$ 49,356	\$ 48,664								\$ 410,159
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ -	\$ -	\$ -	\$ 4,195	\$ 10,035	\$ 14,000	\$ -								\$ 28,230
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 64,039	\$ 67,760	\$ 133,338	\$ 123,188	\$ 362,273	\$ 494,333	\$ 199,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,444,534
IV. UTILITY MARKETING BY CUSTOMER SEGMENT															
Agricultural	\$ 5,022	\$ 5,570	\$ 10,036	\$ 7,081	\$ 7,424	\$ 6,566	\$ 5,607								\$ 47,306
Large Commercial and Industrial	\$ 28,457	\$ 31,565	\$ 56,872	\$ 40,126	\$ 42,070	\$ 37,205	\$ 31,775								\$ 268,069
Small and Medium Commercial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -								\$ -
Residential	\$ 30,561	\$ 30,624	\$ 66,430	\$ 75,982	\$ 312,780	\$ 450,563	\$ 162,219								\$ 1,129,158
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$ 64,039	\$ 67,760	\$ 133,338	\$ 123,188	\$ 362,273	\$ 494,333	\$ 199,601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,444,534

¹Utility 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.

**Pacific Gas and Electric Company
2017 Fund Shifting Documentation
July 2017**

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 14-12-024.
Total	\$2,100,000			