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

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Public

Pacific Gas and Electric Company®

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

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

	January			February			March			April			May			June			
Programs	**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]**	**Eligible Accounts as of Jan 1, 2017**
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	

	July			August			September			October			November			December			
Programs	**Service Accounts [3,4]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Service Accounts [3]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Service Accounts [3]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Service Accounts [3]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Service Accounts [3]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Service Accounts [3]**	**Ex Ante Estimated MW [1,5]**	**Ex Post Estimated MW [2]**	**Eligible Accounts as of Jan 1, 2017**
Interruptible/Reliability																			
BIP - Day of	352	309	353	352	320	353	359	312	360	379	323	380	384	297	385	382	284	383	10,935
OBMC	18	0	0	18	0	0	18	0	0	18	0	0	18	0	0	17	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
SmartAC™ - Residential	124,626	72	49	123,117	68	48	121,633	63	47	120,796	30	47	119,679	0	47	117,829	0	46	N/A
Sub-Total Interruptible	124,996	382	402	123,487	388	401	122,010	375	408	121,193	353	427	120,081	297	432	118,228	284	429	
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	20	2	3	20	4	3	17	4	3	0	0	0	0	0	0	596,440
CBP - Day Of	908	21	25	911	19	25	911	20	25	859	19	23	0	0	0	0	0	0	
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	2,069	31	30	2,066	30	30	2,040	26	29	2,060	12	30	2,604	14	37	5,571
PDP (above 20 kW & below 200 kW)	45,542	18	33	44,780	18	32	44,348	18	32	43,863	14	32	45,570	6	33	55,102	7	40	91,737
PDP (20 kW or below)	159,842	11	11	159,051	11	11	157,455	11	11	156,283	8	11	155,462	5	11	183,448	7	13	316,835
SmartRate™ - Residential	120,295	22	24	120,870	22	24	121,138	19	24	121,851	9	24	122,047	7	24	122,140	7	24	N/A
Sub-Total Price Response	328,758	105	126	327,701	103	125	325,938	102	125	324,913	80	122	325,139	30	98	363,294	35	114	
Total All Programs	453,754	486	528	451,188	491	526	447,948	477	532	446,106	433	549	445,220	327	530	481,522	319	544	

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

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 April.

[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 actual capacity is below the 300 MW cap.

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		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	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
December 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	
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.

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 Electtric Company
Program Subscription Statistics
December 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]	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	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**
DRAM [3]		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]	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		**0.2**	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**
PDP		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**
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**
DRAM [3]		**0.0**	**0.0**	**0.0**		**0.0**	**0.0**	**0.0**		**0.0**	**0.0**	**0.0**
Total		**3.1**	**0.0**	**3.1**		**3.1**	**0.0**	**3.1**		**5.9**	**0.0**	**5.9**
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		**3.1**	**0.0**	**3.1**		**3.1**	**0.0**	**3.1**		**5.9**	**0.0**	**5.9**
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	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	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		**2.9**	0.0	**2.9**		**3.5**	0.0	**3.5**		3.5	0.0	**3.5**
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
PDP		**2.1**	0.0	**2.1**		2.1	0.0	**2.1**		**2.4**	0.0	**2.4**
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**
DRAM [3]		0.0	0.0	**0.0**		0.0	0.0	**0.0**		**0.2**	0.0	**0.2**
Total		**6.3**	**0.0**	**6.3**		**6.8**	**0.0**	**6.8**		**7.3**	**0.0**	**7.3**
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		**6.3**	**0.0**	**6.3**		**6.8**	**0.0**	**6.8**		**7.3**	**0.0**	**7.3**
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	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	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		**3.7**	0.0	**3.7**		3.7	0.0	**3.7**		**4.3**	0.0	**4.3**
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**
PDP		**4.7**	0.0	**4.7**		4.7	0.0	**4.7**		4.7	0.0	**4.7**
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**
DRAM [3]		0.2	0.0	**0.2**		0.2	0.0	**0.2**		0.2	0.0	**0.2**
Total		**9.7**	**0.0**	**9.7**		**9.7**	**0.0**	**9.7**		**10.4**	**0.0**	**10.4**
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		**9.7**	**0.0**	**9.7**		**9.7**	**0.0**	**9.7**		**10.4**	**0.0**	**10.4**
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

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.

3 As approved in the disposition letter issued September 24, 2015 to advice letter 4618-E-A, customers participating in DRAM are eligible to receive ADR incentives. This was added to the ILP September 2017 data. The values for January to August were changed from N/A to zero MW in the October ILP.

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

2017 Program Expenditures [1]

Cost Item	2016 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December [7]	Year-to-Date 2017 Expenditures	Program-to-Date 2017 Expenditures	2017 Funding[5]	Fund shift Adjustments	Percent Funding
Category 1: Reliability Programs																		
Base Interruptible Program (BIP)	$0	$15,550	$29,271	$28,752	$20,167	$22,797	$18,546	$22,350	$21,246	$22,772	$21,171	$16,772	$24,828	$264,222	$264,222	$254,670	$14,000	98.3%
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	$0	$178	$777	$1,463	$1,486	$534	$672	$442	$535	$517	$572	$480	$627	$8,283	$8,283	$41,833	($14,000)	29.8%
Budget Category 1 Total	$0	$15,729	$30,048	$30,214	$21,652	$23,331	$19,218	$22,792	$21,780	$23,289	$21,744	$17,252	$25,456	$272,505	$272,505	$296,503	$0	91.9%
Category 2: Price-Responsive Programs																		
Capacity Bidding Program (CBP)	$0	$16,546	$27,037	$30,498	$24,904	$25,567	$27,074	$31,122	$29,430	$29,036	$28,397	$23,987	$28,699	$322,299	$322,299	$8,633,975	$25,000	3.7%
SmartAC[TM]	$0	$169,579	$242,264	$338,478	$232,767	$596,061	$517,194	$511,804	$626,233	$335,737	$428,215	$274,259	$645,039	$4,917,628	$4,917,628	$6,303,512	($25,000)	78.3%
Budget Category 2 Total	$0	$186,125	$269,301	$368,976	$257,671	$621,629	$544,268	$542,926	$655,662	$364,773	$456,612	$298,246	$673,738	$5,239,926	$5,239,926	$14,937,486	$0	35.1%
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	$153,471	$188,489	$138,713	$128,258	$123,190	$1,726,289	$1,726,289	$3,619,168	$40,000	47.2%
DR Emerging Technology [6]	$0	$58,626	$38,552	$45,433	$56,980	$88,207	$69,709	$40,349	$104,182	($22,214)	$44,258	$59,306	$50,850	$634,238	$634,238	$1,390,051	($40,000)	47.0%
Budget Category 4 Total	$0	$78,597	$213,727	$138,024	$177,393	$355,651	$250,841	$177,790	$257,653	$166,275	$182,971	$187,564	$174,041	$2,360,527	$2,360,527	$5,009,218	$0	47.1%
Category 5: Pilots																		
Supply Side Pilot	$0	$26,599	$27,444	$51,591	$52,106	$38,929	$40,486	$46,024	$50,603	$45,510	$41,046	$40,683	$54,026	$515,047	$515,047	$2,089,887		24.6%
Excess Supply	$0	$14,005	$10,910	$48,330	$13,973	$17,799	$15,076	$23,738	$27,305	$22,036	$12,621	$24,629	$38,979	$269,402	$269,402	$596,915		45.1%
Budget Category 5 Total	$0	$40,604	$38,354	$99,921	$66,079	$56,728	$55,562	$69,762	$77,908	$67,546	$53,667	$65,312	$93,005	$784,449	$784,449	$2,686,802	$0	29.2%
Category 6: Evaluation, Measurement and Verification																		
DRMEC	$0	$28,552	$54,449	$44,361	$71,982	$122,971	$57,110	$74,172	$47,289	$106,247	$116,760	$143,659	$207,204	$1,074,755	$1,074,755	$2,854,566		37.7%
DR Research		$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	$47,289	$106,247	$116,760	$143,659	$207,204	$1,074,755	$1,074,755	$3,249,390	$0	33.1%
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	$221,136	$86,122	$167,497	$165,665	$143,755	$2,161,914	$2,161,914	$2,979,351		72.6%
Education and Training	$0	$5,054	$10,767	$14,585	$9,091	$9,381	$10,968	$6,948	$5,811	$5,049	$2,460	$4,598	$7,647	$92,359	$92,359	$233,344		39.6%
Budget Category 7 Total	$0	$64,039	$67,760	$133,338	$123,188	$362,273	$494,333	$199,601	$226,947	$91,171	$169,957	$170,262	$151,402	$2,254,273	$2,254,273	$3,212,695	$0	70.2%
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	$410,032	$605,891	$401,174	$440,845	$183,778	$5,409,842	$5,409,842	$6,177,126		87.6%
DR Enrollment & Support	$0	$375,895	$223,241	$311,558	$325,759	$341,922	$325,217	$172,399	$209,700	$468,938	$295,781	$327,129	($67,410)	$3,310,129	$3,310,129	$5,409,732		61.2%
Notifications	$0	$186,803	$358,492	$377,421	$390,126	$257,856	$390,825	$135,379	$181,387	$377,545	$174,101	$252,629	($74,569)	$3,007,994	$3,007,994	$4,373,894		68.8%
DR Integration Policy & Planning	$0	$28,308	$94,019	$65,600	$52,802	$59,949	$87,965	$66,160	$78,114	$90,378	$87,744	$89,520	$116,255	$916,814	$916,814	$1,568,932		58.4%
Budget Category 8 Total	$0	$885,365	$1,218,379	$1,447,106	$1,333,628	$1,122,329	$1,255,146	$733,864	$879,233	$1,542,752	$958,799	$1,110,123	$158,053	$12,644,779	$12,644,779	$17,529,685	$0	72.1%
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	$2,000,000		0.0%
Integrated Energy Audits	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$13,562	$13,562	$13,562	$1,264,000		0.0%
Budget Category 9 Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$13,562	$13,562	$13,562	$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	$10,258	$8,886	$11,303	$18,147	$13,498	$219,888	$263,995	$12,000,000		2.2%
Rule 24 O&M	$0	$28,575	$76,039	$69,565	$76,694	$97,031	$124,622	$64,574	$27,504	$15,997	$35,384	$23,805	($4,345)	$635,444	$635,444	$648,395		98.0%
Budget Category 10 Total	$44,107	$49,425	$108,767	$103,830	$95,633	$116,776	$151,056	$69,409	$37,762	$24,883	$46,687	$41,952	$9,154	$855,332	$899,439	$12,648,395	$0	7.1%
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	$199,361	$196,983	$198,884	$197,159	$195,066	$2,403,491	$2,403,491	$0	$0	0.0%
Total Incremental Cost [4]	$44,107	$1,554,251	$2,205,085	$2,573,635	$2,349,761	$2,983,817	$3,027,898	$2,090,696	$2,403,596	$2,583,919	$2,206,082	$2,231,528	$1,700,681	$27,910,949	$27,955,057	$62,864,175	$0	44.5%

Technical Assistance & Technology Incentives (TA&TI) Identified as of December 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.
[6] September DR Emerging Technology credit is due to an over-accrual in August - the reversal of the accrual in September resulted in a negative amount.
[7] December credit for InterAct / DR Forecasting Tool, DR Enrollment & Support and Notifications is due to the reversal of an accrual. Credit for Rule 24 O&M is due to a labor charge correction.

Table I-3b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Expenditures and Funding
December 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	$0	$0	$0	$0	$0	$18
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	$66	($62)	$0	$0	$0	$0	$0	$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	$0	$0	$0	$0	$0	$1,229
Capacity Bidding Program (CBP)	$2,186	($539)	($0)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,647
Peak Choice	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
SmartAC^{TM}	$21,516	($19,232)	$6,080	$37,433	($24,834)	($0)	$0	$0	$0	$0	$0	$0	$20,964
Critical Peak Pricing (CPP)	$0	$0	$0	$0	$0	$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	$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	$26,515	$15,442	$15,107	$16,477	$15,581	$605,076
DR Emerging Technology	$20,670	$47,363	($55,117)	$32,882	$3,125	$12,537	$420	$299	$0	$0	$0	$0	$62,179
Budget Category 4 Total	**$98,008**	**$206,741**	**$25,753**	**$137,729**	**$29,470**	**$46,113**	**$34,020**	**$26,814**	**$15,442**	**$15,107**	**$16,477**	**$15,581**	**$667,254**
Category 5: Pilots													
IRR Phase 2	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
T&D DR	($965)	($211)	($1,143)	($352)	($19,707)	$0	$0	$0	$0	$0	$0	$0	($22,378)
Plug-in Hybrid EV/EV (incl. HAN-EV)	$0	$19,505	$0	($405)	$0	$0	$0	$0	$0	$0	$0	$0	$19,100
Supply Side Pilot	$2,401	$892	($3,034)	($100)	$0	$0	$0	$0	$0	$0	$0	$0	$158
Excess Supply	$500	($469)	($0)	($600)	$0	$0	$0	$0	$0	$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	$21,875	$53,176	$7,020	$7,194	$1,797	$1,021,754
DR Research Studies	$5,000	$4,876	$42,092	$8,000	$8,000	$8,000	$8,000	$8,000	$0	$8,000	$0	$16,000	$115,968
Budget Category 6 Total	**$214,087**	**$150,396**	**$333,118**	**$193,053**	**$52,117**	**$49,506**	**$22,383**	**$29,875**	**$53,176**	**$15,020**	**$7,194**	**$17,797**	**$1,137,722**
Category 7: Marketing, Education and Outreach													
DR Core Marketing and Outreach	($627)	($635)	($2,419)	($351)	$0	$0	$0	$0	$0	$0	$0	$0	($4,032)
SmartAC^{TM} ME&O	$768	($11,568)	($1,449)	$96	$0	$342	$0	$0	$0	$0	$0	$0	($11,810)
Education and Training	$4,213	($1,008)	($2,161)	($48)	$0	$0	$0	$0	$0	$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	$0	$0	$0	$0	$0	$19,240
DR Enrollment & Support	$59,204	($244,076)	$8,186	($9,419)	($7,911)	$28	$0	$132	$322	$0	$0	$385,499	$191,966
Notifications	$8,261	($6,314)	($1)	($317)	$0	$0	$0	$0	$0	$0	$0	$0	$1,630
DR Integration Policy & Planning	$49,655	($34,056)	($15,346)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$253
Budget Category 8 Total	**$217,138**	**($233,540)**	**($138,846)**	**($9,679)**	**($7,967)**	**$28**	**$0**	**$132**	**$322**	**$0**	**$0**	**$385,499**	**$213,088**
Category 9: Integrated Programs and Activities (Including Technical Assistance)													
Technology Incentives - IDSM	$9,361	($2,544)	($0)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,817
PEAK	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Integrated Marketing & Outreach	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Integrated Education & Training	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Integrated Sales Training	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Integrated Energy Audits	($8,431)	($683)	($0)	$0	($0)	$0	$0	$0	$0	$0	$0	$0	($9,114)
Integrated Emerging Technology	$0	$0	$0	$0	$0	$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	$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	$35,117	$20,841	$21,673	$10,023	$20,312	$256,623
DR-HAN Integration (excl. HAN-EV)	$0	$0	$0	$0	$0	$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	$9,981	$17,098	$14,725	$16,517	$13,132	$265,000
Budget Category 10 Total	**$25,743**	**$43,510**	**$73,496**	**$47,041**	**$54,800**	**$49,511**	**$48,104**	**$45,098**	**$37,939**	**$36,398**	**$26,540**	**$33,444**	**$521,623**
Total Incremental Cost	**$600,254**	**$139,369**	**$289,394**	**$403,616**	**$83,878**	**$145,501**	**$104,506**	**$101,920**	**$106,879**	**$66,524**	**$50,212**	**$452,321**	**$2,544,375**

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

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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	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	Retest	76	6:00 PM	8:00 PM	2	104.6
	Optional Bidding Mandatory Curtailment/	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	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, ZP26, Humboldt, North Coast, East Bay (Bay Area), South 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[3]	MAY	System	2	5/23/17	Day Ahead	Heat rate	17	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3,4]	JUNE	System	3	6/19/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	JUNE	System	4	6/20/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	JUNE	System	5	6/22/17	Day Ahead	Heat rate and Price	22	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	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 [3]	JULY	System	7	7/7/17	Day Ahead	Heat rate and Price	17	4:00 PM	7:00 PM	3	**Redacted**
	Capacity Bidding Program [3]	JULY	System	8	7/27/17	Day Ahead	Heat rate and Price	17	6:00 PM	7:00 PM	1	**Redacted**
	Capacity Bidding Program [3]	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 [3]	JULY	Central Coast, Fresno, Humboldt, Kern, North of Point 15, San Francisco (Bay Area), Sierra, ZP26	9	7/31/17	Day Ahead	Heat rate and Price	11	6:00 PM	7:00 PM	1	**Redacted**
	Capacity Bidding Program [3]	AUGUST	System	10	8/1/17	Day Ahead	Heat rate and Price	20	4:00 PM	7:00 PM	3	**Redacted**
	Capacity Bidding Program [3]	AUGUST	System	11	8/2/17	Day Ahead	Heat rate and Price	20	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	AUGUST	System	12	8/28/17	Day Ahead	Heat rate and Price	20	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	AUGUST	System	13	8/29/17	Day Ahead	Heat rate and Price	20	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	AUGUST	System	14	8/31/17	Day Ahead	Heat rate and price	20	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program[3]	SEPTEMBER	System	15	9/1/17	Day Ahead	Heat rate and Price	20	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program[3]	SEPTEMBER	System	16	9/27/17	Day Ahead	Heat rate and Price	20	6:00 PM	7:00 PM	1	**Redacted**
	Capacity Bidding Program[3]	SEPTEMBER	System	17	9/28/17	Day Ahead	Heat rate and Price	20	6:00 PM	7:00 PM	1	**Redacted**
	Capacity Bidding Program [3]	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	18	10/17/17	Day Ahead	Heat rate and Price	13	5:00 PM	7:00 PM	2	**Redacted**
	Capacity Bidding Program [3]	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	19	10/18/17	Day Ahead	Heat rate and Price	13	5:00 PM	7:00 PM	2	**Redacted**
	Capacity Bidding Program [3]	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	20	10/24/17	Day Ahead	Heat rate and Price	13	4:00 PM	7:00 PM	3	**Redacted**
	Capacity Bidding Program [3]	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	21	10/25/17	Day Ahead	Heat rate and Price	13	3:00 PM	7:00 PM	4	**Redacted**
	Capacity Bidding Program [3]	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	22	10/26/17	Day Ahead	Heat rate and price	13	3:00 PM	7:00 PM	4	**Redacted**

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 prog

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 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] CBP uses both heat rate and price triggers starting 5/25/2017.

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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]
(Cont'd) Category 2: Price-Responsive Programs												
	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[4]	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[3]	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, ZP26	10	7/31/17	Day Of	Heat rate and Price	528	6:00 PM	7:00 PM	1	10.5
	Capacity Bidding Program	AUGUST	System	11	8/1/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	26.0
	Capacity Bidding Program	AUGUST	System	12	8/2/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	26.6
	Capacity Bidding Program	AUGUST	System	13	8/28/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	18.2
	Capacity Bidding Program	AUGUST	System	14	8/29/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	20.6
	Capacity Bidding Program	AUGUST	System	15	8/31/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	17.7
	Capacity Bidding Program	SEPTEMBER	System	16	9/1/17	Day Of	Heat rate and Price	911	3:00 PM	7:00 PM	4	14.3
	Capacity Bidding Program	SEPTEMBER	Central Coast, East Bay (Bay Area), Fresno, Geysers, Kern, North Bay, North Coast, North of Path 15, Peninsula (Bay Area), San Francisco (Bay Area, Sierra, South Bay (Bay Area), Stockton, ZP26	17	9/5/17	Day Of	Heat rate and Price	906	5:00 PM	7:00 PM	2	19.3
	Capacity Bidding Program[3]	SEPTEMBER	Humboldt	17	9/5/17	Day Of	Heat rate and Price	5	6:00 PM	7:00 PM	1	Redacted
	Capacity Bidding Program	SEPTEMBER	System	18	9/11/17	Day Of	Heat rate and Price	911	5:00 PM	7:00 PM	2	21.8
	Capacity Bidding Program	SEPTEMBER	Central Coast, East Bay (Bay Area), Fresno, Geysers, Kern, North Bay, North Coast, North of Path 15, Peninsula (Bay Area), San Francisco (Bay Area, Sierra, South Bay (Bay Area), Stockton, ZP26	19	9/26/17	Day of	Heat rate and Price	906	6:00 PM	7:00 PM	1	12.6
	Capacity Bidding Program[3]	SEPTEMBER	Humboldt	19	9/26/17	Day of	Heat rate and Price	5	4:00 PM	7:00 PM	3	Redacted
	Capacity Bidding Program	SEPTEMBER	System	20	9/27/17	Day of	Heat rate and Price	911	6:00 PM	7:00 PM	1	14.6
	Capacity Bidding Program	OCTOBER	All subLAPs except North Coast and Humboldt	21	10/6/17	Day Of	Heat rate and Price	854	6:00 PM	7:00 PM	1	15.6
	Capacity Bidding Program	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	22	10/16/17	Day Of	Heat rate and Price	804	5:00 PM	7:00 PM	2	16.3
	Capacity Bidding Program	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	23	10/17/17	Day Of	Heat rate and Price	804	5:00 PM	7:00 PM	2	17.5
	Capacity Bidding Program	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	24	10/18/17	Day Of	Heat rate and Price	804	6:00 PM	7:00 PM	1	14.4
	Capacity Bidding Program	OCTOBER	All subLAPs except Geysers, North Bay, and North Coast	25	10/23/17	Day of	Heat rate and Price	804	5:00 PM	7:00 PM	2	13.5

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(Cont'd) Category 2: Price-Responsive Programs												
	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	30.1
	Peak Day Pricing	JULY	System	8	7/31/17	Day Ahead	Temperature	205,755	2:00 PM	6:00 PM	4	18.5
	Peak Day Pricing	AUGUST	System	9	8/1/17	Day Ahead	Temperature	205,755	2:00 PM	6:00 PM	4	21.3
	Peak Day Pricing	AUGUST	System	10	8/2/17	Day Ahead	Temperature	205,755	2:00 PM	6:00 PM	4	26.6
	Peak Day Pricing	AUGUST	System	11	8/28/17	Day Ahead	Temperature	203,966	2:00 PM	6:00 PM	4	43.8
	Peak Day Pricing	AUGUST	System	12	8/29/17	Day Ahead	Temperature	203,966	2:00 PM	6:00 PM	4	6.9
	Peak Day Pricing	AUGUST	System	13	8/31/17	Day Ahead	Temperature	203,838	2:00 PM	6:00 PM	4	47.9
	Peak Day Pricing	SEPTEMBER	System	14	9/1/17	Day Ahead	Temperature	203,838	2:00 PM	6:00 PM	4	84.6
	Peak Day Pricing	SEPTEMBER	System	15	9/2/17	Day Ahead	Temperature	203,838	2:00 PM	6:00 PM	4	41.9

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(Cont'd) Category 2: Price-Responsive Programs												
	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, ZP26	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, ZP26	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
	SmartAC	AUGUST	Serials 1, 3, 4, 8	10	8/1/17	Day Of	Temperature	40,669	5:30 AM	10:00 PM	4.5	9.0
	SmartAC	AUGUST	Serials 4, 8	11	8/2/17	Day Of	Temperature	20,575	3:30 AM	6:00 PM	2.5	7.0
	SmartAC	AUGUST	Serials 0,1,3	12	8/27/17	Day Of	Temperature	39,447	11:30 AM	9:00 PM	9.5	8.8
	SmartAC	AUGUST	Serials 1,4,5,6,7,8,9	13	8/28/17	Day Of	Temperature	70,397	4:30 PM	9:00 PM	4.5	3.7
	SmartAC	AUGUST	Serials 4,8	14	8/31/17	Day Of	Temperature	20,386	5:30 PM	8:00 PM	2.5	3.7
	SmartAC	SEPTEMBER	Peninsula (Bay Area), South Bay (Bay Area)	15	9/11/17	Day of	Temperature	6,783	5:00 PM	7:00 PM	2	2.7
	SmartAC	OCTOBER	Peninsula (Bay Area), South Bay (Bay Area)	16	10/24/17	Day of	Temperature	13,565	4:30 PM	7:00 PM	2.5	2.6

[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 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.

Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 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]
(Cont'd) Category 2: Price-Responsive Programs												
	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
	SmartRate	AUGUST	System	9	8/1/17	Day Ahead	Temperature	120,019	2:00 PM	7:00 PM	5	39.0
	SmartRate	AUGUST	System	10	8/2/17	Day Ahead	Temperature	119,695	2:00 PM	7:00 PM	5	36.0
	SmartRate	AUGUST	System	11	8/28/17	Day Ahead	Temperature	120,543	2:00 PM	7:00 PM	5	40.2
	SmartRate	AUGUST	System	12	8/31/17	Day Ahead	Temperature	120,523	2:00 PM	7:00 PM	5	25.1
	SmartRate	SEPTEMBER	System	13	9/1/17	Day Ahead	Temperature	120,523	2:00 PM	7:00 PM	5	38.6
	SmartRate	SEPTEMBER	System	14	9/2/17	Day Ahead	Temperature	120,523	2:00 PM	7:00 PM	5	41.0
Category 3: DR Provider/Aggregator Managed Programs												
	Aggregator Managed Portfolio	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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 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.

Table I-5a
Pacific Gas and Electric Company
2017 Demand Response Programs Incentives
December 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	$2,416,965	$2,326,592	$2,265,981	$2,158,851	$2,051,972	$27,059,960
Capacity Bidding Program (CBP)[2]	$0	$0	$0	$0	$81,311	$108,146	$378,644	$358,532	$212,760	$93,624	($54,744)	$45,465	$1,223,739
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	$15,200	$7,592	$15,200	$15,200	$14,535	$84,678
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	$23,226	($50)	$33,695	$16,256	$50,340	$3,786	($9)	$23,001	$190,988
Supply Side Pilot	$10,000	$9,100	$10,000	$10,000	$10,000	$10,000	$6,161	$9,600	$6,076	$9,600	$5,235	$5,198	$100,969
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	$2,816,553	$2,603,361	$2,388,191	$2,124,532	$2,140,170	$28,660,334
Revenues from Penalties[3]	$0	$0	$0	$0	228,234	$0	$84,748	$0	$0	$1,025	$485	$0	$314,492

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. CBP incentives accrual was overestimated in October thereby resulting in a negative amount in November due to reversal.

[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
December 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	$118,230	$53,790	$294,490	$59,235	$78,992	$1,351,341
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	$100	$100	($50)	$50	$0	$10,682
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**	**$118,330**	**$53,890**	**$294,440**	**$59,285**	**$78,992**	**$1,352,431**
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
December 2017

PG&E's ME&O Actual Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2017 Expenditures	2017 Authorized Budget (if Applicable)
	2017 Funding Cycle Customer Communication, Marketing, and Outreach													
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	$ 9,899	$ 8,754	$ 7,476	$ 7,270	$ 20,080	$ 6,371	$ 21,937	$ 11,097	$ 135,430	
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	$ 14,848	$ 13,131	$ 11,215	$ 10,905	$ 30,121	$ 9,557	$ 32,906	$ 16,645	$ 192,646	
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	$ 24,747	$ 21,885	$ 18,691	$ 18,175	$ 50,201	$ 15,928	$ 54,843	$ 27,741	$ 321,076	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING														
SmartAC	$ 30,561	$ 30,624	$ 66,430	$ 75,982	$ 312,780	$ 450,563	$ 162,219	$ 190,597	$ (9,232)	$ 138,101	$ 60,577	$ 95,919	$ 1,605,121	
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	$ 166,945	$ (30,812)	$ 121,678	$ 41,645	$ 79,235	$ 1,341,387	
Labor	$ 20,561	$ 20,624	$ 13,863	$ 21,297	$ 28,434	$ 19,740	$ 17,994	$ 23,652	$ 20,581	$ 16,423	$ 18,932	$ 16,685	$ 238,785	
Paid Media	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Other Costs	$ -	$ -	$ -	$ -	$ 9,950	$ 14,000	$ -	$ -	$ 1,000	$ -	$ -	$ -	$ 24,950	
II. TOTAL UTILITY MARKETING BY ACTIVITY	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ 362,273	$ 494,333	$ 199,601	$ 226,947	$ 91,171	$ 169,957	$ 170,262	$ 151,402	$ 2,254,273	
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	$ 167,074	$ 42,533	$ 121,677	$ 127,812	$ 97,216	$ 1,562,456	
Labor	$ 50,039	$ 60,759	$ 67,506	$ 59,600	$ 74,235	$ 49,356	$ 48,664	$ 59,873	$ 47,448	$ 48,280	$ 42,450	$ 54,186	$ 662,397	
Paid Media	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Other Costs	$ -	$ -	$ -	$ 4,195	$ 10,035	$ 14,000	$ -	$ -	$ 1,190	$ -	$ -	$ -	$ 29,420	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ 362,273	$ 494,333	$ 199,601	$ 226,947	$ 91,171	$ 169,957	$ 170,262	$ 151,402	$ 2,254,273	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT														
Agricultural	$ 5,022	$ 5,570	$ 10,036	$ 7,081	$ 7,424	$ 6,566	$ 5,607	$ 5,452	$ 15,060	$ 4,778	$ 16,453	$ 8,322	$ 97,373	
Large Commercial and Industrial	$ 28,457	$ 31,565	$ 56,872	$ 40,126	$ 42,070	$ 37,205	$ 31,775	$ 30,897	$ 85,342	$ 27,078	$ 93,232	$ 47,160	$ 551,779	
Small and Medium Commercial	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Residential	$ 30,561	$ 30,624	$ 66,430	$ 75,982	$ 312,780	$ 450,563	$ 162,219	$ 190,597	$ (9,232)	$ 138,101	$ 60,577	$ 95,919	$ 1,605,121	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	$ 64,039	$ 67,760	$ 133,338	$ 123,188	$ 362,273	$ 494,333	$ 199,601	$ 226,947	$ 91,171	$ 169,957	$ 170,262	$ 151,402	$ 2,254,273	

[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.

Pacific Gas and Electric Company
2017 Fund Shifting Documentation
December 2017

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	$14,000	Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP) to Base Interruptible Program (BIP) for DREBA2017	10/31/2017	The transferred funds support increased labor support costs for the BIP program.
Category 2: Price-Responsive Programs	$25,000	Smart AC to Capacity Bidding Program (CBP) for DREBA2017	11/30/2017	The transferred funds cover an overspend for CBP administrative costs.
Category 3: DR Provider/Aggregator Managed Programs	$0.00			
Category 4: Emerging & Enabling Programs	$40,000	DR Emerging Technology to Auto DR for DREBA2017	8/31/2017	The transferred funds support PG&E's membership to the OpenADR Alliance.
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.
	$1,000,000	Demand Response Auction Mechanism Pilot Phase 1 to Permanent Load Shifting for DREBA 2015-2016	8/31/2017	Prior fund shift from PLS to DRAM1 in DREBA 2015-16 overestimated funds needed for DRAM1 therefore shifting back $1,000,000 to the original program.
	$600,000	Demand Response Auction Mechanism Pilot Phase 2 to Permanent Load Shifting for DREBA 2015-2016	8/31/2017	Prior fund shift from PLS to DRAM2 in DREBA 2015-16 overestimated funds needed for DRAM2 therefore shifting back $600,000 to the original program.
Total	**$3,779,000**			