
Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for December 2016

January 20, 2017



Public

Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for December 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 2016**

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

Programs	January			February			March			April			May			June			³ Eligible Accounts as of Jan 1, 2016
	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	218	235	263	208	233	251	210	236	253	213	247	257	240	276	290	242	293	292	10,795
OBMC	22	0	0	22	0	0	22	0	0	20	0	0	19	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	4,337	0	1	4,295	0	1	4,265	0	1	4,235	0	1	4,196	2	1	4,169	3	1	N/A
SmartAC™ - Residential	153,363	0	71	153,147	0	70	152,765	0	70	152,568	0	70	151,835	44	70	151,567	74	70	N/A
Sub-Total Interruptible	157,940	235	335	157,672	233	323	157,262	236	325	157,036	247	328	156,290	322	361	155,996	370	363	
Price Response																			
AMP - Day Of	2,661	0	179	2,672	0	180	2,676	0	180	2,533	0	170	1,248	90	84	1,343	79	90	599,649
CBP - Day Ahead	0	0	0	0	0	0	0	0	0	0	0	0	17	6	1	46	6	4	599,649
CBP - Day Of	0	0	0	0	0	0	0	0	0	0	0	0	422	15	15	450	15	16	
DBP	494	23	19	493	23	19	485	22	18	481	25	18	469	23	18	457	24	17	10,795
PDP (200 kW or above)	2,099	12	30	2,120	12	30	2,111	14	30	2,230	29	32	2,218	30	31	2,219	31	32	5,890
PDP (above 20 kW & below 200 kW)	34,045	2	8	33,594	2	8	33,266	2	8	33,012	5	8	32,315	5	7	31,991	6	7	81,268
PDP (20 kW or below)	190,682	0	2	189,048	0	2	187,469	0	2	185,780	2	2	182,615	2	2	180,546	2	2	323,351
SmartRate™ - Residential	144,524	13	45	144,729	13	45	145,535	13	45	146,594	13	45	146,355	19	45	146,340	34	45	Not Available
Sub-Total Price Response	374,505	50	282	372,656	51	283	371,542	51	283	370,630	74	275	365,659	190	204	363,392	197	213	
Total All Programs	532,445	285	617	530,328	283	606	528,804	287	608	527,666	321	604	521,949	512	565	519,388	567	576	

Programs	July			August			September			October			November			December			³ Eligible Accounts as of Jan 1, 2016
	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	247	298	298	251	308	303	250	302	302	249	305	301	251	278	303	256	277	309	10,795
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	4,135	3	1	4,098	2	1	4,045	2	1	4,027	1	1	4,004	0	1	3,974	0	1	N/A
SmartAC™ - Residential	150,634	78	69	151,253	73	70	150,856	68	69	151,760	27	70	151,848	0	70	151,495	0	70	N/A
Sub-Total Interruptible	155,034	379	369	155,620	383	374	155,169	372	372	156,054	334	371	156,121	278	374	155,743	277	380	
Price Response																			
AMP - Day Of	1,292	80	87	1,297	80	87	1,302	80	88	1,302	80	88	1,966	0	132	1,966	0	132	599,649
CBP - Day Ahead	41	4	3	29	4	2	30	3	2	30	3	2	0	0	0	0	0	0	599,649
CBP - Day Of	427	10	15	426	10	15	334	9	12	334	7	12	0	0	0	0	0	0	
DBP	456	24	17	455	25	17	453	24	17	451	23	17	449	20	17	446	23	17	10,795
PDP (200 kW or above)	2,178	30	31	2,145	31	30	2,106	31	30	2,014	27	29	2,016	14	29	2,308	13	33	5,890
PDP (above 20 kW & below 200 kW)	31,613	6	7	31,178	6	7	30,606	5	7	34,426	5	8	35,675	2	8	47,330	2	11	81,268
PDP (20 kW or below)	178,937	2	2	177,373	2	2	174,365	2	2	165,176	0	2	160,393	0	2	174,201	0	2	323,351
SmartRate™ - Residential	146,114	34	45	146,151	35	45	146,315	29	45	146,286	18	45	146,280	13	45	142,285	13	44	Not Available
Sub-Total Price Response	361,058	189	208	359,054	192	206	355,511	183	203	350,019	163	202	346,779	49	233	368,536	51	239	
Total All Programs	516,092	568	576	514,674	575	580	510,680	555	575	506,073	496	574	502,900	327	607	524,279	328	619	

¹ Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2015 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 programs, e.g., AMP and CBP are the monthly nominated MW during the event season May through October.

² Ex Post Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2015 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 The March 2016 ILP provides the available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Ex Post Average Load Impacts.

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 1st 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.

Pacific Gas and Electric Company
Average Ex Ante Load Impact kW / Customer
December 2016

Program Eligibility and Ex Ante Average Load Impacts

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2016 ¹	Eligibility Criteria (Refer to tariff for specifics)	
	January	February	March	April	May	June	July	August	September	October	November	December			
BIP - Day Of	1077.6	1118.2	1124.2	1159.9	1151.0	1211.6	1206.9	1226.3	1207.7	1225.4	1107.0	1081.6	10,795	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	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	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	N/A	N/A	N/A	N/A	0.39	0.62	0.62	0.61	0.53	0.30	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	0.29	0.49	0.52	0.48	0.45	0.18	N/A	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	55.1	55.1	55.1	55.1	55.1	55.1	N/A	N/A	599,649	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 Ahead	N/A	N/A	N/A	N/A	120.9	120.9	120.9	120.9	120.9	120.9	N/A	N/A	599,649	A customer may participate in either the Day-Ahead or Day-Of option. A customer with multipleservice agreements (SA) may nominate demand reductions from a single SA to either the Day-ofoption or Day-ahead option. A SA may not be nominated to both the Day-of and Day-aheadoption 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 forSchedule E-CBP. Eligible customers include those receiving partial standby service or servicespursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.	
CBP - Day Of	N/A	N/A	N/A	N/A	28.1	28.1	28.1	28.1	28.1	28.1	N/A	N/A	599,649	A customer may participate in either the Day-Ahead or Day-Of option. A customer with multipleservice agreements (SA) may nominate demand reductions from a single SA to either the Day-ofoption or Day-ahead option. A SA may not be nominated to both the Day-of and Day-aheadoption 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 forSchedule E-CBP. Eligible customers include those receiving partial standby service or servicespursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.	
DBP	47.4	47.5	46.0	53.0	49.4	51.8	52.0	54.2	52.6	50.9	43.4	51.0	10,795	This schedule is available to individual PG&E bundled-service customers, Community Choice Aggregation Service (CCA Service) customers, and Direct Access (DA)customers. Each customer must take service under the provisions of their otherwiseapplicable rate schedule. Customers participating in the Program must be on an eligible rate schedule and able to reduce load by at least 10 kW during an E-DBP event. Prior to May 1, 2013, customers with SAs throughout PG&E's electric service territory with individual meters with demands less than 200 kW (as described in the Applicability Section) had the option to participate in this Program under the provisions stated in the Aggregated Group Section of this rate schedule. Those SAs participating as an Aggregated Group as of May 1, 2013, may continue to participate as an Aggregated Group.	
PDP (200 kW or above)	5.8	5.9	6.7	13.0	13.6	14.2	13.7	14.4	14.5	13.4	7.0	5.8	5,890	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW	
PDP (above 20 kW & below 200 kW)	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	81,268	Maximum Demand; February 1st, 2011 for large bundled Ag customers;	
PDP (20 kW or below)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	323,351	November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.	
SmartRate™ - Residential	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	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.	

The average ex ante load impacts per customer are based on the load impacts filing on April 1, 2016 (R.13-09-011). Estimated Average Ex Ante Load Impact kW/Customer = Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1 - 6 pm for April through October, and 4 - 9 pm for November through March, on the PG&E system peak day of the month. ¹ The March 2016 ILP provides the available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts

Pacific Gas and Electric Company
Average ExPost Load Impact kW / Customer
December 2016

Program Eligibility and Ex Post Average Load Impacts

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2016 ¹	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - Day Of	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	1206.90	10,795	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	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of	67.30	67.30	67.30	67.30	67.30	67.30	67.30	67.30	67.30	67.30	67.30	67.30	599,649	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 Ahead	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	79.70	599,649	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	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70		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	37.90	37.90	37.90	37.90	37.90	37.90	37.90	37.90	37.90	37.90	37.90	37.90	10,795	Non-residential Customers 200 kW or above on a demand TOU rate schedule, not on rate schedule AG-R, AG-V or S. Eligible customers include PG&E Bundled, Direct Access (DA; ESP), and Community Choice Aggregation Service. Non-residential Customers' accounts < 200 kW may participate as aggregated group for service accounts with same Federal Taxpayer ID Number.
PDP (200 kW or above)	14.20	14.20	14.20	14.20	14.20	14.20	14.20	14.20	14.20	14.20	14.20	14.20	5,890	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW 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)	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	81,268	
PDP (20 kW or below)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	323,351	
SmartRate™ - Residential	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	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.

The average ex post load impacts per customer are based on the load impacts filing on April 1, 2016 (R.13-09-011). Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over all actual event hours for the preceeding year when or if events occurred. Some programs may experience no events or few events while other programs may operate regularly depending on event triggers. For existing programs, the average ex post load impact per customer SA_ID remains constant across all months. The average load impact is "N/A" for programs having no prior events. Commercial SmartAC was not called in 2015; its average-customer impact reported here is from the April 2, 2012 filing.

¹ The March 2016 ILP provides the available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

**Table I-2
Pacific Gas and Electric Company
Program Subscription Statistics
December 2016**

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																									
2016		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	
Price Responsive																									
AMP - Day Of		0.3	0.0	0.3		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		1.3	0.0	1.3		1.3	0.0	1.3	
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	0.0	
CBP - 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		0.1	0.0	0.1	
DBP		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	
PDP		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.2	0.0	0.2		0.4	0.0	0.4	
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		0.3	0.0	0.3		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		1.5	0.0	1.5		1.8	0.0	1.8	
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		0.0	0.0	0.3		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		1.5	0.0	1.5		1.8	0.0	1.8	
General Program																									
TA (may also be enrolled in TI and AutoDR)		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			
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	

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																									
2016		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	
Price Responsive																									
AMP - Day Of		1.3	0.0	1.3		2.4	0.0	2.4		2.6	0.0	2.6		2.6	0.0	2.6		2.6	0.0	2.6		2.6	0.0	2.6	
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	0.0	
CBP - Day Of		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		0.5	0.0	0.5	
DBP		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		0.3	0.0	0.3	
PDP		0.4	0.0	0.4		0.4	0.0	0.4		0.4	0.0	0.4		0.5	0.0	0.5		0.5	0.0	0.5		0.5	0.0	0.5	
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		2.1	0.0	2.1		3.2	0.0	3.2		3.5	0.0	3.5		3.6	0.0	3.6		3.6	0.0	3.6		4.0	0.0	4.0	
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		2.1	0.0	2.1		3.2	0.0	3.2		3.5	0.0	3.5		3.6	0.0	3.6		3.6	0.0	3.6		4.0	0.0	4.0	
General Program																									
TA (may also be enrolled in TI and AutoDR)		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			
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	

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. Correction in May 2016 ILP moved March Auto DR under CBP to AMP DO. Removed AMP Day Ahead. Program no longer exists.

**Table I-3a
Pacific Gas and Electric Company
Demand Response Programs and Activities
2015-2016 Incremental Cost Funding
December 2016**

2015-2016 Program Expenditures

Cost Item	2015 Expenditures	January ⁶	February ⁶	March	April	May	June	July	August	September ⁶	October ⁶	November	December	Year-to-Date	Program-to-Date	2-Year Funding ⁷	Fundshift	Percent
														2016 Expenditures	Expenditures			
Category 1: Reliability Programs																		
Base Interruptible Program (BIP)	\$139,467	\$14,183	\$13,681	\$13,592	\$14,515	\$13,082	\$13,141	\$13,283	\$9,488	\$12,402	\$14,672	\$7,018	\$11,613	\$150,669	\$290,136	\$537,137		54.0%
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$15,522	\$1,115	\$1,263	\$1,012	\$861	\$973	\$1,197	\$884	\$795	\$809	\$1,014	\$317	\$623	\$10,865	\$26,387	\$304,304		8.7%
Budget Category 1 Total	\$154,989	\$15,298	\$14,944	\$14,604	\$15,376	\$14,055	\$14,339	\$14,168	\$10,283	\$13,211	\$15,686	\$7,334	\$12,236	\$161,534	\$316,523	\$841,441	\$0	37.6%
Category 2: Price-Responsive Programs																		
Demand Bidding Program (DBP)	\$206,215	\$11,330	\$13,505	\$10,935	\$9,707	\$9,770	\$10,942	\$10,742	\$10,089	\$13,203	\$10,057	\$5,725	\$10,935	\$126,940	\$333,154	\$1,161,150		28.7%
Capacity Bidding Program (CBP)	\$249,657	\$19,349	\$18,956	\$19,046	\$20,074	\$19,771	\$18,596	\$18,941	\$20,750	\$17,122	\$22,281	\$12,005	\$14,239	\$221,128	\$470,785	\$4,887,754		9.6%
SmartAC TM ⁹	\$3,893,694	\$491,228	\$462,807	\$128,704	\$619,780	\$375,549	\$528,578	\$814,727	\$576,439	\$534,086	\$529,595	\$64,300	\$596,754	\$5,722,546	\$9,616,240	\$13,336,338		72.1%
Budget Category 2 Total	\$4,349,566	\$521,907	\$495,268	\$158,685	\$649,561	\$405,090	\$558,116	\$844,410	\$607,278	\$564,410	\$561,932	\$82,029	\$621,928	\$6,070,614	\$10,420,179	\$19,385,242	\$0	53.8%
Category 3: DR Provider/Aggregator Managed Programs																		
Aggregator Managed Portfolio (AMP)	\$283,875	\$21,443	\$21,281	\$21,919	\$24,964	\$23,589	\$22,754	\$24,273	\$24,701	\$20,518	\$27,976	\$15,088	\$17,668	\$266,174	\$550,050	\$944,506		58.2%
Budget Category 3 Total	\$283,875	\$21,443	\$21,281	\$21,919	\$24,964	\$23,589	\$22,754	\$24,273	\$24,701	\$20,518	\$27,976	\$15,088	\$17,668	\$266,174	\$550,050	\$944,506	\$0	58.2%
Category 4: Emerging & Enabling Programs																		
Auto DR ¹⁰	\$1,989,906	\$75,318	\$410,341	\$303,022	\$234,848	\$240,935	\$243,184	\$218,409	\$215,802	\$295,828	\$274,965	\$215,965	\$397,976	\$3,126,953	\$5,116,500	\$17,870,739		28.6%
DR Emerging Technology	\$911,820	\$35,166	\$57,496	\$84,687	\$93,523	\$57,496	\$117,480	\$126,108	\$137,969	(\$21)	\$90,957	\$100,381	\$104,162	\$1,043,248	\$1,955,068	\$2,809,056		69.6%
Budget Category 4 Total	\$2,901,727	\$110,483	\$505,681	\$387,709	\$328,371	\$298,430	\$360,664	\$344,517	\$353,772	\$295,808	\$365,923	\$316,346	\$502,138	\$4,169,842	\$7,071,568	\$20,679,795	\$0	34.2%
Category 5: Pilots																		
Supply Side Pilot	\$756,309	(\$473)	\$35,755	\$78,515	\$46,278	\$46,504	\$38,313	\$35,073	\$48,033	\$38,889	\$37,771	\$24,315	\$50,637	\$479,610	\$1,235,919	\$2,511,198		49.2%
T&D DR	\$493,857	\$64,669	\$8,108	\$7,226	\$49,352	\$86,001	\$112,643	\$69,412	\$100,076	\$179,754	\$28,817	\$62,671	\$45,560	\$814,288	\$1,308,146	\$1,698,036		77.0%
Excess Supply	\$385,279	\$30,991	\$26,721	\$83,941	\$33,854	\$35,907	\$27,124	\$22,595	\$30,332	\$26,623	\$25,798	\$12,317	\$50,934	\$407,137	\$792,416	\$1,199,842		66.0%
Budget Category 5 Total	\$1,635,446	\$95,187	\$70,583	\$169,682	\$129,485	\$168,411	\$178,080	\$127,081	\$178,440	\$245,266	\$92,386	\$99,303	\$147,131	\$1,701,035	\$3,336,481	\$5,409,076	\$0	61.7%
Category 6: Evaluation, Measurement and Verification																		
DRMEC	\$1,345,427	\$274,702	\$396,981	\$207,875	\$358,019	\$144,730	\$82,076	\$171,861	\$144,086	\$139,142	\$428,834	\$370,900	\$482,708	\$3,201,913	\$4,547,340	\$8,885,397		51.2%
Budget Category 6 Total	\$1,345,427	\$274,702	\$396,981	\$207,875	\$358,019	\$144,730	\$82,076	\$171,861	\$144,086	\$139,142	\$428,834	\$370,900	\$482,708	\$3,201,913	\$4,547,340	\$8,885,397	\$0	51.2%
Category 7: Marketing, Education and Outreach																		
DR Core Marketing and Outreach ¹	\$1,057,377	\$48,974	\$45,688	\$48,076	\$113,229	\$60,952	\$112,904	\$234,800	\$63,882	\$74,462	\$47,093	\$92,013	\$119,900	\$1,061,975	\$2,119,352	\$9,142,336		79.3%
SmartAC TM ME&O ²	\$3,109,604	\$365,934	(\$213,291)	\$353,515	\$353,135	\$417,065	\$105,400	\$120,634	\$208,234	\$54,989	\$99,654	\$80,691	\$77,782	\$2,023,742	\$5,133,346			
Education and Training	\$131,663	\$8,816	\$6,526	\$25,781	\$13,313	\$8,541	\$10,900	\$6,642	\$10,740	\$5,733	\$7,146	\$4,765	\$7,648	\$116,551	\$248,215	\$529,889		46.8%
Budget Category 7 Total	\$4,298,644	\$423,724	(\$161,076)	\$427,373	\$479,677	\$486,558	\$229,204	\$362,076	\$282,856	\$135,184	\$153,893	\$177,470	\$205,330	\$3,202,268	\$7,500,913	\$9,672,225	\$0	77.6%
Category 8: DR System Support Activities																		
InterAct / DR Forecasting Tool	\$2,922,482	\$142,383	\$145,603	\$333,785	\$197,174	\$222,540	\$292,750	\$205,443	\$337,314	\$320,555	\$268,344	\$218,586	\$240,001	\$2,924,480	\$5,846,962	\$6,974,090	(\$3,000,000)	83.8%
DR Enrollment & Support	\$3,457,527	\$249,617	\$413,818	\$378,489	\$536,470	\$971,906	\$794,039	\$918,101	\$767,918	\$934,918	\$790,781	\$1,006,453	\$837,355	\$8,599,864	\$12,057,391	\$13,874,287	\$3,000,000	86.9%
Notifications	\$2,491,204	\$42,107	\$170,163	\$70,662	\$71,614	\$99,310	\$125,035	\$89,793	\$55,166	\$66,461	\$45,416	\$36,350	\$37,535	\$909,612	\$3,400,816	\$5,473,744		62.1%
DR Integration Policy & Planning	\$1,366,095	\$84,480	\$125,226	\$117,049	\$106,310	\$111,009	\$109,871	\$101,702	\$117,924	\$115,233	\$97,068	\$41,012	\$63,410	\$1,190,295	\$2,556,390	\$3,207,039		79.7%
Budget Category 8 Total	\$10,237,307	\$518,587	\$854,811	\$899,984	\$911,569	\$1,404,766	\$1,321,695	\$1,315,039	\$1,278,323	\$1,437,167	\$1,201,608	\$1,302,401	\$1,178,301	\$13,624,252	\$23,861,559	\$29,529,161	\$0	80.8%
Category 9: Integrated Programs and Activities (Including Technical Assistance)																		
Technology Incentives - IDSM ³	\$521,715	\$3,359	\$58,987	\$56,606	\$53,512	\$106,497	\$73	\$5,729	\$48,560	\$40,570	(\$19,676)	\$34,008	\$5,506	\$393,731	\$915,446	\$4,051,540		22.6%
Integrated Energy Audits ³	\$892,506	(\$1,148)	\$4,038	\$2,604	\$24,423	\$18,113	\$27,897	\$14,545	\$14,827	\$20,438	\$19,078	\$27,847	\$7,960	\$180,622	\$1,073,128	\$2,550,462		42.1%
Budget Category 9 Total	\$1,414,221	\$2,211	\$63,026	\$59,210	\$77,935	\$124,610	\$27,970	\$20,274	\$63,387	\$61,008	(\$598)	\$61,855	\$13,466	\$574,352	\$1,988,574	\$6,602,002	\$0	30.1%
Category 10: Special Projects																		
Permanent Load Shifting	\$431,129	\$38,902	\$45,620	\$40,307	\$46,048	\$33,963	\$50,333	\$31,417	\$28,905	\$30,457	\$27,481	\$26,350	\$10,585	\$410,369	\$841,498	\$3,128,288	(\$7,000,000)	26.9%
Demand Response Auction Mechanism Pilot Phase 1 ⁴	\$104,556	\$11,133	(\$3,819)	\$0	\$2,620	\$6,335	\$29,464	(\$13,936)	\$7,164	\$10,276	\$12,280	\$9,544	\$12,611	\$83,672	\$188,228	\$2,000,000	\$2,000,000	9.4%
Demand Response Auction Mechanism Pilot Phase 2 ⁴	\$0	\$13,383	\$36,025	\$26,785	\$28,841	\$17,541	\$21,789	\$30,970	\$4,646	\$19,491	\$29,370	\$9,444	\$7,465	\$245,749	\$245,749	\$5,000,000	\$5,000,000	4.9%
Budget Category 10 Total	\$535,685	\$63,418	\$77,826	\$67,092	\$77,508	\$57,839	\$101,586	\$48,451	\$40,714	\$60,224	\$69,132	\$45,338	\$30,661	\$739,790	\$1,275,475	\$10,128,288	\$0	12.6%
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).	\$3,272,979	\$271,946	\$208,555	\$140,974	\$206,116	\$205,355	\$204,594	\$203,430	\$201,992	\$203,288	\$200,470	\$199,708	\$197,505	\$2,443,933	\$5,716,912			N/A
Total Incremental Cost⁵	\$30,429,866	\$2,318,906	\$2,547,881	\$2,555,106	\$3,258,580	\$3,333,432	\$3,101,079	\$3,475,579	\$3,185,832	\$3,175,225	\$3,117,240	\$2,677,772	\$3,409,073	\$36,155,706	\$66,585,573	\$112,077,133	\$0	59.4%
Technical Assistance & Technology Incentives (TA&T) Identified as of December 2016.	\$0																	

¹ The administrative 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. The 2015-16 approved budget for DR Core Marketing and Outreach includes funding for SmartAC marketing, education and outreach activities.

² The budget for SmartAC marketing, education, and outreach costs are included in the 2015-16 approved budget for DR Core Marketing and Outreach; however, the expenses are separated to differentiate the ME&O efforts targeting residential and small commercial customers. SmartAC is now closed to non-residential customers. The "percent funding" calculation shown on the DR Core Marketing and Outreach line includes SmartAC marketing expenditures. February credit is attributable to adjustment of prior month's financials.

³ Additional funding for Technology Incentives and Integrated Energy Audits was approved in Energy Efficiency Decision 14-10-046. October Technology Incentives - IDSM expense is negative due to over-accrual in September.

⁴ \$4 Million DRAM pilot funding for 2016 was approved in Resolution E-4728 and an additional \$6 Million was approved to expend in 2017 in Resolution E-4754. IOUs are directed to reserve these funds within the existing authorized 2015-2016 program year budgets and fund shift from existing DR programs. \$10M authorized budget for DRAM is not reflected in the 2-Year Funding field due to no change in overall DREBA funding. July credit is attributable to adjustment of prior month's financials. September and October DRAM Phase 2 expenses were adjusted to include corrections.

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

⁶ Credits are attributable to prior months' adjustments; adjustments are normal course of business and may result in a positive or negative number.

⁷ 2-Year Funding includes employee benefits costs approved in the GRC (D.14-08-032), Decision Authorizing PG&E's General Rate Case Revenue Requirement for 2014-2016 (issued on August 20, 2014), and fundshift adjustments.

⁸ Fundshift Adjustments reflect funds shifted between programs since start of the funding cycle.

⁹ June SmartAC expense is adjusted due to over-accrual. July and August expenses are adjusted due to timing of accrual.

¹⁰ July, August, October and December expenses are adjusted due to timing of accrual.

**Table I-3b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Expenditures and Funding
2015-2016**

Cost Item ¹	Carry-Over Expenditures incurred in 2015													Carry-Over Expenditures incurred in 2016	Carry-Over Expenditures incurred in 2015-2016
		January	February	March	April	May	June	July	August	September	October	November	December		
Category 1: Reliability Programs															
Base Interruptible Program (BIP)	\$297	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$297
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$294
Budget Category 1 Total	\$590	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$590
Category 2: Price-Responsive Programs															
Demand Bidding Program (DBP)	\$272	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$272
Capacity Bidding Program (CBP)	\$431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$431
Peak Choice	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SmartAC™	\$392,585	\$0	(\$129)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$129)	\$392,457
Critical Peak Pricing (CPP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 2 Total	\$393,289	\$0	(\$129)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$129)	\$393,160
Category 3: DR Provider/Aggregator Managed Programs															
Aggregator Managed Portfolio (AMP)	\$303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$303
Budget Category 3 Total	\$303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$303
Category 4: Emerging & Enabling Programs															
Auto DR	\$769,269	\$11,189	\$22,887	(\$34,076)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)	\$769,269
DR Emerging Technology	\$68,122	\$0	\$0	(\$6,124)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6,124)	\$61,998
Budget Category 4 Total	\$837,391	\$11,189	\$22,887	(\$40,200)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6,124)	\$831,267
Category 5: Pilots															
IRR Phase 2	\$17,619	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,619
T&D DR	\$64,769	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$64,769
Plug-in Hybrid EV/EV (incl. HAN-EV)	\$1,033,567	\$4,292	\$70,408	(\$14,323)	\$8,305	\$41,116	\$34,034	\$7,385	\$35,972	\$0	\$35,868	\$27,269	\$63,225	\$313,549	\$1,347,116
Budget Category 5 Total	\$1,115,955	\$4,292	\$70,408	(\$14,323)	\$8,305	\$41,116	\$34,034	\$7,385	\$35,972	\$0	\$35,868	\$27,269	\$63,225	\$313,549	\$1,429,504
Category 6: Evaluation, Measurement and Verification															
DRMEC	\$2,309,747	\$87,978	(\$182,989)	\$51,860	(\$56,098)	\$50,650	\$29,724	(\$99,056)	\$95,782	\$6,439	(\$5,537)	(\$1,246)	(\$764)	(\$23,258)	\$2,286,489
DR Research Studies	\$0	\$0	\$92,000	\$184,000	\$184,879	\$7,710	\$190,852	\$97,321	\$67,452	\$90,409	\$20,000	\$0	\$46,402	\$981,026	\$981,026
Budget Category 6 Total	\$2,309,747	\$87,978	(\$90,989)	\$235,860	\$128,781	\$58,360	\$220,575	(\$1,735)	\$163,235	\$96,847	\$14,463	(\$1,246)	\$45,638	\$957,768	\$3,267,515
Category 7: Marketing, Education and Outreach															
DR Core Marketing and Outreach	\$1,879	\$1,441	(\$343)	(\$1,713)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$616)	\$1,263
SmartAC™ ME&O	(\$65,632)	\$41,381	(\$1,281)	(\$160)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,940	(\$25,692)
Education and Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 7 Total	(\$63,753)	\$42,822	(\$1,624)	(\$1,874)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$39,325	(\$24,428)
Category 8: DR System Support Activities															
InterAct / DR Forecasting Tool	\$32,805	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,805
DR Enrollment & Support	\$523,395	\$0	\$0	(\$9,938)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$9,938)	\$513,457
Notifications	\$353,822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353,822
DR Integration Policy & Planning	\$35,642	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35,642
Budget Category 8 Total	\$945,664	\$0	\$0	(\$9,938)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$9,938)	\$935,726
Category 9: Integrated Programs and Activities (Including Technical Assistance)															
Technology Incentives - IDSM	(\$10,921)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,921)
PEAK	\$0	\$0	\$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	\$0	\$0
Integrated Education & Training	\$0	\$0	\$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	\$0	\$0
Integrated Energy Audits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Emerging Technology	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 9 Total	(\$10,921)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,921)
Category 10: Special Projects															
DR-HAN Integration (excl. HAN-EV)	(\$70,326)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$70,326)
Permanent Load Shifting	\$33,827	(\$675)	\$140	\$490	\$884	\$263	(\$251)	\$490	\$882	\$127	\$1,680	\$9,270	\$263	\$13,564	\$47,390
Budget Category 10 Total	(\$36,499)	(\$675)	\$140	\$490	\$884	\$263	(\$251)	\$490	\$882	\$127	\$1,680	\$9,270	\$263	\$13,564	(\$22,935)
Total Incremental Cost	\$5,491,766	\$145,605	\$694	\$170,016	\$137,970	\$99,739	\$254,358	\$6,140	\$200,088	\$96,975	\$52,012	\$35,293	\$109,126	\$1,308,016	\$6,799,782

Notes:

¹ Expenditures on this page reflect expenses incurred in 2016 from all prior funding cycles

**Table I-3c
Pacific Gas and Electric Company
Demand Response Programs and Activities
2017 Incremental Cost Funding
December 2016**

2017 Program Expenditures

Cost Item													Year-to-Date 2016 Expenditures	2017 Funding	Fundshift Adjustments	Percent Funding
	January	February	March	April	May	June	July	August	September	October	November	December				
Category 1: Reliability Programs																
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$255,052		0.0%
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,843		0.0%
Budget Category 1 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$296,894	\$0	0.0%
Category 2: Price-Responsive Programs																
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,634,358		0.0%
SmartAC™	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,304,234		0.0%
Budget Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,938,592	\$0	0.0%
Category 3: DR Provider/Aggregator Managed Programs																
Aggregator Managed Portfolio (AMP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000		0.0%
Budget Category 3 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	0.0%
Category 4: Emerging & Enabling Programs																
Auto DR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,399	\$2,399	\$3,619,532		0.1%
DR Emerging Technology	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,390,385		0.0%
Budget Category 4 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,399	\$2,399	\$5,009,917	\$0	0.0%
Category 5: Pilots																
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000		0.0%
Excess Supply	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000		0.0%
Budget Category 5 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,700,000	\$0	0.0%
Category 6: Evaluation, Measurement and Verification																
DRMEC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,855,617		0.0%
DR Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$394,943		0.0%
Budget Category 6 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,250,560	\$0	0.0%
Category 7: Marketing, Education and Outreach																
DR Core Marketing and Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,980,368		0.0%
Education and Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$233,589		0.0%
Budget Category 7 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,213,956	\$0	0.0%
Category 8: DR System Support Activities																
InterAct / DR Forecasting Tool	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,177,760		0.0%
DR Enrollment & Support	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,410,366		0.0%
Notifications	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,374,528		0.0%
DR Integration Policy & Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,569,732		0.0%
Budget Category 8 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,532,385	\$0	0.0%
Category 9: Integrated Programs and Activities (Including Technical Assistance)																
Technology Incentives - IDSMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%
Budget Category 9 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
Category 10: Special Projects																
Demand Response Auction Mechanism Pilot Phase 3 ²	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,974	\$4,183	(\$39)	\$6,362	\$17,627	\$44,107	\$12,000,000		0.4%
Rule 24 O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$649,588		0.0%
Budget Category 10 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,974	\$4,183	(\$39)	\$6,362	\$17,627	\$44,107	\$12,649,588	\$0	0.3%
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.0%
Total Incremental Cost⁵	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,974	\$4,183	(\$39)	\$6,362	\$20,027	\$46,507	\$59,621,894	\$0	0.0%
Technical Assistance & Technology Incentives (TA&TI) Identified as of December 2016.																

¹ The administrative expenditures listed are in support of PG&E's DR programs for large commercial, industrial and agricultural customers, excluding the aggregator-managed programs. Disclosure complies with OP 24 of D.12-04-045.

² Per D. 16-06-029 DRAM funds from the 2017 Funding Cycle are available beginning in 2016 to ensure that the 2017 auction will take place in time for 2018 delivery.

**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2016**

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}
Page 1 of 3												
Category 1: Reliability Programs												
	Base Interruptible Program	JUNE	System	1	7/26/16	Day Of	Annual Curtailment Test	248	3:00 PM	7:00 PM	4	257.8
	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												
	Capacity Bidding Program ³	JUNE	System	1	6/2/16	Day Of	Heat rate	351	6:00 PM	7:00 PM	1	Redacted
	Capacity Bidding Program ³	JUNE	System	2	6/3/16	Day Of	Heat rate	449	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program	JUNE	System	3	6/20/16	Day Of	Heat rate	445	3:00 PM	7:00 PM	4	10.0
	Capacity Bidding Program	JUNE	System	4	6/21/16	Day Of	Heat rate	445	5:00 PM	7:00 PM	2	9.0
	Capacity Bidding Program	JUNE	System	5	6/22/16	Day Of	Heat rate	445	5:00 PM	7:00 PM	2	9.3
	Capacity Bidding Program	JUNE	System	6	6/27/16	Day Of	Heat rate	444	2:00 PM	7:00 PM	5	9.4
	Capacity Bidding Program ³	JUNE	System	7	6/28/16	Day Of	Heat rate	444	1:00 PM	7:00 PM	6	Redacted
	Capacity Bidding Program	JUNE	North Valley, Sierra, Sacramento Valley, Stockton, San Joaquin, Fresno, Los Padres, Humboldt, North Coast	8	6/30/16	Day Of	Heat rate	185	4:00 PM	7:00 PM	3	5.5
	Capacity Bidding Program ³	JUNE	System	1	6/20/16	Day Ahead	Heat rate	40	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	JUNE	System	2	6/21/16	Day Ahead	Heat rate	40	5:00 PM	7:00 PM	2	Redacted
	Capacity Bidding Program ³	JUNE	System	3	6/22/16	Day Ahead	Heat rate	40	5:00 PM	7:00 PM	2	Redacted
	Capacity Bidding Program ³	JUNE	System	4	6/27/16	Day Ahead	Heat rate	39	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	JUNE	System	5	6/28/16	Day Ahead	Heat rate	39	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	JUNE	System	6	6/30/16	Day Ahead	Heat rate	38	4:00 PM	7:00 PM	3	Redacted
	Capacity Bidding Program	JULY	System	9	7/13/16	Day Of	Heat Rate	455	4:00 PM	7:00 PM	3	11.0
	Capacity Bidding Program	JULY	System	10	7/14/16	Day Of	Heat rate	455	4:00 PM	7:00 PM	3	12.3
	Capacity Bidding Program	JULY	System	11	7/26/16	Day Of	Heat rate	450	3:00 PM	7:00 PM	4	11.5
	Capacity Bidding Program	JULY	System	12	7/27/16	Day Of	Heat rate	447	3:00 PM	7:00 PM	4	13.0
	Capacity Bidding Program	JULY	System	13	7/28/16	Day Of	Heat rate	446	1:00 PM	7:00 PM	6	10.7
	Capacity Bidding Program ³	JULY	System	7	7/14/16	Day Ahead	Heat rate	45	5:00 PM	7:00 PM	2	Redacted
	Capacity Bidding Program ³	JULY	System	8	7/25/16	Day Ahead	Heat rate	44	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	JULY	System	9	7/27/16	Day Ahead	Heat Rate	44	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	JULY	System	10	7/28/16	Day Ahead	Heat Rate	44	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ⁴	JULY	System	11	7/29/16	Day Ahead	Heat Rate	44	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program	AUGUST	System	14	8/15/16	Day Of	Heat rate	416	2:00 PM	7:00 PM	5	11.4
	Capacity Bidding Program	AUGUST	System	15	8/16/16	Day Of	Heat rate	414	3:00 PM	7:00 PM	4	11.5
	Capacity Bidding Program	AUGUST	System	16	8/17/16	Day Of	Heat rate	414	3:00 PM	7:00 PM	4	12.4
	Capacity Bidding Program ³	AUGUST	System	12	8/15/16	Day Ahead	Heat rate	38	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	AUGUST	System	13	8/16/16	Day Ahead	Heat rate	38	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ³	AUGUST	System	14	8/17/16	Day Ahead	Heat rate	38	3:00 PM	7:00 PM	4	Redacted
	Capacity Bidding Program ⁴	SEPTEMBER	System	17	9/19/16	Day Of	Heat rate	421	4:00 PM	7:00 PM	3	11.6
	Capacity Bidding Program ⁴	SEPTEMBER	System	18	9/26/16	Day Of	Heat rate	419	4:00 PM	7:00 PM	3	10.2
	Capacity Bidding Program ⁴	SEPTEMBER	System	19	9/27/16	Day Of	Heat rate	419	4:00 PM	7:00 PM	3	11.8
	Capacity Bidding Program ³	SEPTEMBER	System	15	9/26/16	Day Ahead	Heat rate	27	4:00 PM	7:00 PM	3	Redacted
	Capacity Bidding Program ³	SEPTEMBER	System	16	9/27/16	Day Ahead	Heat rate	27	4:00 PM	7:00 PM	3	Redacted

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

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

³ Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

³ NOTE: Corrections were made in November ILP according to the 15/15 rule having a single customer in the group account for more than 15 percent of the aggregated total. Correctios were for CBP Day Ahead events in the months of July and September to redact the load reduction MW (Max Hourly).

⁴ December ILP provides end-of-year revisions made to CBP events on September 19, 26, and 27th to the # of Accounts and Load Reduction MW (Max Hourly).

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs. For 2016 the Results for AMP, CBP, DBP 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.

**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2016**

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}
Page 2 of 3												
Category 2: Price-Responsive Programs												
	Demand Bidding Program ³	JUNE	All except San Francisco Bay Area	1	6/3/16	Day Ahead	CAISO load	41	6:00 PM	10:00 PM	4	Redacted
	Demand Bidding Program ³	JUNE	System	2	6/20/16	Day Ahead	CAISO load	53	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JUNE	System	3	6/21/16	Day Ahead	CAISO load	37	5:00 PM	9:00 PM	4	Redacted
	Demand Bidding Program ³	JUNE	System	4	6/27/16	Day Ahead	CAISO load	49	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JUNE	System	5	6/28/16	Day Ahead	CAISO load	49	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JULY	Sierra, Sacramento Valley, Stockton, San Joaquin, Fresno, Los Padres, Humboldt, North Coast	6	7/14/16	Day Ahead	Temperature	10	5:00 PM	9:00 PM	4	Redacted
	Demand Bidding Program ³	JULY	System	7	7/15/16	Day Ahead	Temperature	52	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ^{3,4}	JULY	System	9	7/26/16	Day Ahead	CAISO Load	54	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JULY	System	8	7/27/16	Day Ahead	CAISO Load	51	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JULY	System	10	7/28/16	Day Ahead	CAISO Load	53	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	JULY	System	11	7/29/16	Day Ahead	CAISO Load	52	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	AUGUST	System	12	8/15/16	Day Ahead	CAISO load	55	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	AUGUST	System	13	8/16/16	Day Ahead	CAISO load	51	2:00 PM	10:00 PM	8	Redacted
	Demand Bidding Program ³	SEPTEMBER	System	14	9/27/16	Day Ahead	CAISO load	50	2:00 PM	10:00 AM	8	Redacted
	Peak Day Pricing	JUNE	System	1	6/1/16	Day Ahead	Temperature	214,540	2:00 PM	6:00 PM	4	40.8
	Peak Day Pricing ³	JUNE	System	2	6/3/16	Day Ahead	Temperature	214,540	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing ^{3,5}	JUNE	System	3	6/27/16	Day Ahead	Temperature	212,761	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing ⁵	JUNE	System	4	6/28/16	Day Ahead	Temperature	212,761	2:00 PM	6:00 PM	4	30.3
	Peak Day Pricing ^{3,5}	JUNE	System	5	6/30/16	Day Ahead	Temperature	212,761	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing	JULY	System	6	7/14/16	Day Ahead	Temperature	211,702	2:00 PM	6:00 PM	4	40.2
	Peak Day Pricing ³	JULY	System	7	7/15/16	Day Ahead	Temperature	211,702	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing ^{3,5}	JULY	System	8	7/26/16	Day Ahead	Temperature	210,859	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing ⁶	JULY	System	9	7/27/16	Day Ahead	Temperature	210,859	2:00 PM	6:00 PM	4	37.5
	Peak Day Pricing ³	JULY	System	10	7/28/16	Day Ahead	Temperature	210,859	2:00 PM	6:00 PM	4	Redacted
	Peak Day Pricing	AUGUST	System	11	8/17/16	Day Ahead	Temperature	209,510	2:00 PM	6:00 PM	4	35.8
	Peak Day Pricing ³	SEPTEMBER	System	12	9/26/16	Day Ahead	Temperature	203,689	2:00 PM	6:00 PM	4	Redacted

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

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

³ Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact-the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

⁴ Load reduction from Demand Bidding event on 7/26/16 HE 16 - HE 19 accounted for under Base Interruptible Program event on the same day.

⁵ Values have been revised due to updates in interval data

⁶ December ILP provides end-of-year revisions made to PDP event on July 27th to the Load Reduction MW (Max Hourly).

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs. For 2016 the Results for AMP, CBP, DBP 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.

**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2016**

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}
Page 3 of 3												
Category 2: Price-Responsive Programs (Cont'd)												
	SmartAC	JUNE	Fresno, Los Padres	1	6/20/16	Day Of	Temperature	37,410	5:00 PM	7:00 PM	2	11.4
	SmartAC	JUNE	6 Serials: 0, 1, 2, 3, 4, 9	2	6/27/16	Day Of	Temperature	79,930	1:00 PM	7:00 PM	6	25.4
	SmartAC	JUNE	Fresno, Los Padres, North Valley, Sacramento Valley, Sierra, Stockton	3	6/28/16	Day Of	Temperature	73,940	5:00 PM	7:00 PM	2	45.9
	SmartAC	JULY	5 Serials: 1, 2, 3, 6, 9	4	7/14/16	Day Of	Temperature	75,317	2:00 PM	9:00 PM	7	16.8
	SmartAC	JULY	2 Serials: 2, 3	5	7/25/16	Day Of	Temperature	45,799	3:00 PM	6:00 PM	3	12.3
	SmartAC	JULY	3 Serial: 1, 2, 3	6	7/27/16	Day Of	Temperature	59,070	3:00 PM	6:00 PM	3	23.1
	SmartAC	JULY	3 Serials: 4, 5, 7	7	7/28/16	Day Of	Temperature	39,185	11:00 AM	7:00 PM	8	6.4
	SmartAC	JULY	3 Serials: 6, 7, 8	8	7/29/16	Day Of	Temperature	46,224	12:00 PM	6:00 PM	6	8.0
	SmartAC	AUGUST	North Valley	9	8/15/16	Day Of	Temperature	5,810	5:00 PM	7:00 PM	2	1.5
	SmartAC	AUGUST	North Coast, Sacramento	10	8/16/16	Day Of	Temperature	21,255	5:00 PM	7:00 PM	2	4.5
	SmartAC	AUGUST	East Bay, Sierra	11	8/17/16	Day Of	Temperature	33,492	5:00 PM	7:00 PM	2	5.5
	SmartAC	SEPTEMBER	2 Serials: 2, 3	12	9/7/16	Day Of	Temperature	31,114	5:00 PM	8:00 PM	2	6.9
	SmartAC	SEPTEMBER	6 Serials: 0, 1, 2, 3, 5, 6	13	9/19/16	Day Of	Temperature	94,706	1:00 PM	8:00 PM	2	25.6
	SmartAC	SEPTEMBER	All sublaps except: Central Coast, Humboldt, San Francisco (Bay Area), San Joaquin	14	9/26/16	Day Of	Temperature	114,713	5:00 PM	7:00 PM	2	33.3
	SmartRate	JUNE	System	1	6/1/16	Day Ahead	Temperature	146,340	2:00 PM	7:00 PM	5	33.7
	SmartRate	JUNE	System	2	6/3/16	Day Ahead	Temperature	146,340	2:00 PM	7:00 PM	5	42.0
	SmartRate	JUNE	System	3	6/27/16	Day Ahead	Temperature	146,242	2:00 PM	7:00 PM	5	45.5
	SmartRate	JUNE	System	4	6/28/16	Day Ahead	Temperature	146,242	2:00 PM	7:00 PM	5	43.1
	SmartRate	JUNE	System	5	6/30/16	Day Ahead	Temperature	146,242	2:00 PM	7:00 PM	5	33.2
	SmartRate	JULY	System	6	7/14/16	Day Ahead	Temperature	146,270	2:00 PM	7:00 PM	5	36.9
	SmartRate	JULY	System	7	7/15/16	Day Ahead	Temperature	146,270	2:00 PM	7:00 PM	5	31.8
	SmartRate	JULY	System	8	7/26/16	Day Ahead	Temperature	146,287	2:00 PM	7:00 PM	5	46.3
	SmartRate	JULY	System	9	7/27/16	Day Ahead	Temperature	146,287	2:00 PM	7:00 PM	5	44.9
	SmartRate	JULY	System	10	7/28/16	Day Ahead	Temperature	146,287	2:00 PM	7:00 PM	5	43.0
	SmartRate	AUGUST	System	11	8/17/16	Day Ahead	Temperature	146,310	2:00 PM	7:00 PM	5	31.4
	SmartRate	SEPTEMBER	System	12	9/26/16	Day Ahead	Temperature	146,167	2:00 PM	7:00 PM	5	31.0
Category 3: DR Provider/Aggregator Managed Programs												
	Aggregator Managed Portfolio	JUNE	System	1	6/3/16	Day Of	Heat rate	1,337	3:00 PM	7:00 PM	4	65.0
	Aggregator Managed Portfolio	JUNE	System	2	6/20/16	Day Of	Heat rate	1,326	3:00 PM	7:00 PM	4	63.7
	Aggregator Managed Portfolio	JUNE	System	3	6/27/16	Day Of	Heat rate	1,323	3:00 PM	7:00 PM	4	64.5
	Aggregator Managed Portfolio	JUNE	System	4	6/28/16	Day Of	Heat rate	1,321	1:00 PM	7:00 PM	6	66.0
	Aggregator Managed Portfolio	JULY	System	5	7/25/16	Day Of	Heat Rate	1,346	3:00 PM	7:00 PM	4	70.0
	Aggregator Managed Portfolio	JULY	System	6	7/27/16	Day Of	Heat rate	1,338	3:00 PM	7:00 PM	4	85.1
	Aggregator Managed Portfolio	JULY	System	7	7/28/16	Day Of	Heat rate	1,334	3:00 PM	7:00 PM	4	79.2
	Aggregator Managed Portfolio	JULY	System	8	7/29/16	Day Of	Heat rate	1,332	3:00 PM	7:00 PM	4	77.2
	Aggregator Managed Portfolio	AUGUST	System	9	8/15/16	Day Of	Heat rate	1,251	3:00 PM	7:00 PM	4	58.7
	Aggregator Managed Portfolio	AUGUST	System	10	8/16/16	Day Of	Heat rate	1,250	2:00 PM	7:00 PM	5	62.1
	Aggregator Managed Portfolio	AUGUST	System	11	8/17/16	Day Of	Heat rate	1,250	2:00 PM	7:00 PM	5	67.7
	Aggregator Managed Portfolio ⁵	SEPTEMBER	Humboldt, Los Padres	12	9/19/16	Day Of	Heat rate	308	3:00 PM	7:00 PM	4	20.7
	Aggregator Managed Portfolio ^{3,5}	SEPTEMBER	System	13	9/26/16	Day Of	Heat rate	1,270	3:00 PM	7:00 PM	4	Redacted
	Aggregator Managed Portfolio ^{3,5}	SEPTEMBER	System	14	9/27/16	Day Of	Heat rate	1,265	3:00 PM	7:00 PM	4	Redacted

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

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

³ Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact-the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

⁵ December ILP provides end-of-year revisions made to AMP events on September 19, 26 and 27th to the # of Accounts and Load Reduction MW (Max Hourly).

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs. For 2016 the Results for AMP, CBP, DBP 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.

Table I-5a
Pacific Gas and Electric Company
2015-2016 Demand Response Programs
Program Incentives
December 2016

Annual Total Cost															
Cost Item	Year-to-Date 2015 Total Cost	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2016 Total Cost	Program-to-Date
Program Incentives															
Aggregator Managed Portfolio (AMP) ¹	\$7,785,291	\$0	\$0	\$0	\$0	\$360,041	\$292,445	\$1,231,479	\$1,909,766	\$1,303,086	(\$413,072)	\$2,657	296	\$4,686,698	\$12,471,989
Automatic Demand Response (AutoDR)	\$46,470	\$48,891	\$77,490	\$0	\$0	\$182,100	\$42,210	\$18,996	\$109,250	\$33,000	\$0	\$158,260	32,068	\$702,266	\$748,736
Base Interruptible Program (BIP) ^{2,8,9}	\$26,084,254	\$2,076,251	\$2,095,754	\$2,097,493	\$2,453,957	\$2,378,237	\$2,480,443	\$2,131,146	\$2,588,012	\$2,024,213	\$2,199,125	\$2,478,386	2,165,476	\$27,168,494	\$53,252,748
Capacity Bidding Program (CBP) ³	\$1,742,221	\$0	\$0	\$0	\$0	\$70,592	\$12,487	\$184,782	\$316,297	\$202,159	\$1,952	(\$100,463)	2,259	\$690,065	\$2,432,286
Demand Bidding Program (DBP) ⁴	\$1,022,581	\$0	\$0	\$0	\$0	\$0	\$225,511	\$243,775	\$44,524	\$66,151	\$0	\$0	\$0	\$579,961	\$1,602,542
DRAM Phase 1 ⁵	\$0	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Excess Supply Pilot	\$0	\$0	\$0	\$500	\$500	\$500	\$1,100	\$700	\$700	\$700	\$700	\$700	700	\$6,800	\$6,800
Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program (OBMC / SLRP) ¹	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Load Shift	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$752,150	\$0	\$0	\$0	\$0	\$0	\$752,150	\$752,150
SmartAC TM ⁶	\$700,649	\$22,781	\$67,648	\$41,823	\$15,308	\$34,184	\$75,429	\$88,649	\$166,657	\$123,173	\$43,083	\$3,220	11,189	\$693,146	\$1,393,795
Supply Side Pilot	\$45,687	\$11,000	\$14,312	\$11,000	\$4,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	11,000	\$128,312	\$173,999
Technology Incentive (TI)	\$88,020	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	21,100	\$21,100	\$109,120
Transmission and Distribution Pilot (T&D DR)	\$5,150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	48,575	\$48,575	\$53,725
Total Cost of Incentives	\$37,520,323	\$2,158,924	\$2,255,203	\$2,150,816	\$2,473,766	\$3,036,654	\$3,140,625	\$4,662,678	\$5,146,207	\$3,763,483	\$1,842,788	\$2,553,760	\$2,292,663	\$35,477,566	\$72,997,890
Revenues from Penalties^{7,8,9}	(\$1,653,915)	\$0	\$0	\$0	(\$382,016)	\$0	\$0	(\$327,987)	\$0	\$0	(\$6,371)	\$0	\$0	(\$716,375)	(\$2,370,290)

¹ Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account. Starting in 2016, incentives are reported on an accrual basis. Year-to-Date 2015 Total Cost has been adjusted to reflect accrual accounting. AMP incentives accrual was overestimated in September thereby resulting in a negative amount in October due to reversal.

² Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account. Starting in 2016, incentives are reported on an accrual basis. Year-to-Date 2015 Total Cost has been adjusted to reflect accrual accounting.

³ Incentives reported are net of penalties paid by the aggregators. YTD 2015 Total Cost includes correction made in April 2016. CBP incentives accrual was overestimated in October thereby resulting in a negative amount in November due to reversal.

⁴ DBP incentives are processed as bill credits to the Distribution Revenue Adjustment Mechanism Balancing Account Asset. Incentive costs will be reclassified to Demand Response Expenditures Balancing Account in November. July amount was updated to reflect missing data.

⁵ DRAM Phase 1 September Incentives are negative due to an over-accrual in August that is reversed in September. 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. DRAM Phase incentives accrual was overestimated in October thereby resulting in a negative amount in November due to reversal.

⁶ September SmartAC amount was adjusted to report incentive costs incurred.

⁷ Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in AMP and BIP programs. Year-to-Date 2015 Total Cost has been adjusted to reflect penalties on an accrual basis.

⁸ Year-to-Date 2015 BIP Incentives/Penalties were adjusted in September 2016 to report aggregator incentives/penalties at the aggregator level.

⁹ July incentives and penalties were adjusted in September ILP to report aggregator incentives/penalties at the aggregator level. October penalties include true-up of July penalties.

Table I-5b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Incentives and Funding
2015-2016

Annual Total Cost																
Cost Item ¹	Carry-Over Incentives incurred in 2015													Carry-Over Incentives incurred in 2016	Carry-Over Incentives incurred in 2015-2016	
		January	February	March	April	May	June	July	August	September	October	November	December			
Program Incentives																
Aggregator Managed Portfolio (AMP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Automatic Demand Response (AutoDR)	\$674,260	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,334	\$11,334	\$685,593
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Demand Bidding Program (DBP)	\$0	\$0	\$0	\$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	\$0	\$0	\$0
PHEV/EV Pilots	\$13,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,800
SmartAC™	\$159,753	\$0	\$0	(\$250)	\$200	\$50	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$50	\$159,803
Technology Incentive (TI)	\$967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$967
Transmission and Distribution Pilot (T&D DR)	(\$11,600)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$11,600)
Total Cost of Incentives	\$837,180	\$0	\$0	(\$250)	\$200	\$50	\$0	\$50	\$0	\$0	\$0	\$0	\$11,334	\$11,384	\$848,563	
Revenues from Penalties	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

¹ Incentives on this page reflect expenses incurred in 2016 from all prior funding cycles

Table I-7
Pacific Gas and Electric Company
2015-2016 Marketing, Education and Outreach
Actual Expenditures
December 2016

PG&E's ME&O Actual Expenditures	2015-2016 Funding Cycle Customer Communication, Marketing, and Outreach													Year-to-Date 2016 Expenditures	2015-2016 Inception-to- Date Expenditures	2015-2016 Authorized Budget (if Applicable)		
	2015 Total Costs	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 ACCOUNTING²																		
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	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	N/A	N/A	N/A
Demand Bidding Program	\$ 594,520	\$ 32,159	\$ 25,532	\$ 36,929	\$ 63,271	\$ 34,746	\$ 61,848	\$ 119,685	\$ 36,603	\$ 42,955	\$ 28,643	\$ 52,329	\$ 66,024	\$ 600,725	\$ 1,195,245			
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	N/A	N/A	N/A
Permanent Load Shifting	\$ 237,808	\$ 10,253	\$ 10,213	\$ 14,771	\$ 25,308	\$ 13,899	\$ 21,949	\$ 48,703	\$ 15,208	\$ 14,896	\$ 10,238	\$ 17,780	\$ 24,609	\$ 227,827	\$ 465,635			
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	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	N/A	N/A	N/A
Enabling Technologies (e.g., AutoDR, TI)	\$ 356,712	\$ 15,379	\$ 16,469	\$ 22,157	\$ 37,963	\$ 20,848	\$ 40,007	\$ 73,054	\$ 22,811	\$ 22,344	\$ 15,358	\$ 26,670	\$ 36,914	\$ 349,974	\$ 706,687			
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	N/A	N/A	N/A
Customer Awareness, Education and Outreach	\$ -													\$ -	\$ -			
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																		
SmartAC	\$ 3,109,604	\$ 365,934	\$ (213,291)	\$ 353,515	\$ 353,135	\$ 417,065	\$ 105,400	\$ 120,634	\$ 208,234	\$ 54,989	\$ 99,654	\$ 80,691	\$ 77,782	\$ 2,023,742	\$ 5,133,346			
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 2,492,934	\$ 48,555	\$ 66,722	\$ 334,914	\$ 328,562	\$ 394,687	\$ 82,881	\$ 100,329	\$ 190,368	\$ 41,595	\$ 85,640	\$ 62,152	\$ 69,430	\$ 1,805,834	\$ 4,298,768			
Labor	\$ 445,276	\$ 317,379	\$ (280,013)	\$ 18,457	\$ 24,573	\$ 22,378	\$ 22,519	\$ 20,305	\$ 17,865	\$ 13,395	\$ 14,014	\$ 18,540	\$ 8,272	\$ 217,684	\$ 662,960			
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ 171,393	\$ -	\$ -	\$ 144	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80	\$ 224	\$ 171,618			
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 4,298,644	\$ 423,724	\$ (161,076)	\$ 427,373	\$ 479,677	\$ 486,558	\$ 229,204	\$ 362,076	\$ 282,856	\$ 135,184	\$ 153,893	\$ 177,470	\$ 205,330	\$ 3,202,268	\$ 7,500,913			
III. UTILITY MARKETING BY ITEMIZED COST																		
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 2,942,619	\$ 62,143	\$ 67,762	\$ 336,119	\$ 385,319	\$ 398,590	\$ 149,300	\$ 263,549	\$ 197,599	\$ 64,497	\$ 97,298	\$ 120,632	\$ 152,655	\$ 2,295,463	\$ 5,238,082			
Labor	\$ 1,184,486	\$ 361,581	\$ (228,838)	\$ 90,118	\$ 94,314	\$ 86,739	\$ 78,741	\$ 98,502	\$ 85,257	\$ 70,687	\$ 51,035	\$ 55,586	\$ 51,865	\$ 895,588	\$ 2,080,073			
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ 171,539	\$ -	\$ -	\$ 1,136	\$ 44	\$ 1,229	\$ 1,163	\$ 25	\$ -	\$ -	\$ 5,560	\$ 1,252	\$ 810	\$ 11,218	\$ 182,757			
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 4,298,644	\$ 423,724	\$ (161,076)	\$ 427,373	\$ 479,677	\$ 486,558	\$ 229,204	\$ 362,076	\$ 282,856	\$ 135,184	\$ 153,893	\$ 177,470	\$ 205,330	\$ 3,202,268	\$ 7,500,913			
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																		
Agricultural	\$ 178,356	\$ 8,669	\$ 7,832	\$ 11,079	\$ 18,981	\$ 10,424	\$ 18,571	\$ 36,216	\$ 11,193	\$ 12,029	\$ 8,136	\$ 14,517	\$ 19,132	\$ 176,779	\$ 355,135			
Large Commercial and Industrial	\$ 1,010,684	\$ 49,122	\$ 44,382	\$ 62,779	\$ 107,561	\$ 59,069	\$ 105,234	\$ 205,225	\$ 63,429	\$ 68,166	\$ 46,103	\$ 82,262	\$ 108,416	\$ 1,001,747	\$ 2,012,431			
Small and Medium Commercial	\$ 155,480	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Residential	\$ 2,954,124	\$ 365,934	\$ (213,291)	\$ 353,515	\$ 353,135	\$ 417,065	\$ 105,400	\$ 120,634	\$ 208,234	\$ 54,989	\$ 99,654	\$ 80,691	\$ 77,782	\$ 2,023,742	\$ 4,977,866			
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$ 4,298,644	\$ 423,724	\$ (161,076)	\$ 427,373	\$ 479,677	\$ 486,558	\$ 229,204	\$ 362,076	\$ 282,856	\$ 135,184	\$ 153,893	\$ 177,470	\$ 205,330	\$ 3,202,268	\$ 7,500,913			

Notes:

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.

²Jan, Feb, and Jun Demand Bidding Program, Permanent Load Shifting, and Enabling Technologies costs are updated to reflect direct costs attributable to these programs.

**Pacific Gas and Electric Company
2015-2016 Fund Shifting Documentation
December 2016**

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

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

Program Category	Fund Shift Amount	Programs Impacted	Date	Rationale for Fundshift
Category 1: Reliability Programs	\$0.00			
Category 2: Price-Responsive Programs	\$0.00			
Category 3: DR Provider/Aggregator Managed Programs	\$0.00			
Category 4: Emerging & Enabling Programs	\$0.00			
Category 5: Pilots	\$0.00			
Category 6: Evaluation, Measurement and Verification	\$0.00			
Category 7: Marketing, Education and Outreach	\$0.00			
Category 8: DR System Support Activities	\$3,000,000	InterAct / DR Forecasting Tool to DR Enrollment & Support	9/16/2016	The transferred funds support CAISO integration work pursuant to Ordering Paragraph 1 of D.15-11-042
Category 9: Integrated Programs and Activities	\$0.00			
Category 10: Special Projects	\$100,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot Phase 1	8/14/2015	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
	\$200,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot Phase 1	12/16/2015	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
	\$1,700,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot Phase 1	1/31/2016	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
	\$5,000,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot Phase 2	12/15/2016	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
Total	\$10,000,000			