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

February 21, 2017



Public

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Pacific Gas and Electric Company (“PG&E”) hereby submits this report on Interruptible Load and Demand Response Programs for January 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/>

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

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

Programs	January			February			March			April			May			June			Eligible Accounts as of Jan 1, 2016 <sup>3</sup>
	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	
<b>Interruptible/Reliability</b>																			
BIP - Day Of	252	272	304																10,795
OBMC	18	0	0																N/A
SLRP	0	0	0																N/A
SmartAC™ - Commercial	3,928	0	1																N/A
SmartAC™ - Residential	150,718	0	69																N/A
<b>Sub-Total Interruptible</b>	<b>154,916</b>	<b>272</b>	<b>375</b>																
<b>Price Response</b>																			
AMP - Day Of <sup>4</sup>	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	1,180	0	94																599,649
CBP - Day Of	0	0	0																
DBP <sup>4</sup>	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	13	33																5,890
PDP (above 20 kW & below 200 kW)	52,286	3	12																81,268
PDP (20 kW or below)	180,212	0	2																323,351
SmartRate™ - Residential	141,685	13	44																Not Available
<b>Sub-Total Price Response</b>	<b>377,698</b>	<b>29</b>	<b>185</b>																
<b>Total All Programs</b>	<b>532,614</b>	<b>300</b>	<b>560</b>																

Programs	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2016 <sup>3</sup>
	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>4</sup>	Ex Ante Estimate MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	Service Accounts <sup>3</sup>	Ex Ante Estimated MW <sup>1</sup>	Ex Post Estimated MW <sup>2</sup>	
<b>Interruptible/Reliability</b>																			
BIP - Day of																			10,795
OBMC																			N/A
SLRP																			N/A
SmartAC™ - Commercial																			N/A
SmartAC™ - Residential																			N/A
<b>Sub-Total Interruptible</b>																			
<b>Price Response</b>																			
AMP - Day Of <sup>4</sup>	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																			599,649
CBP - Day Of																			
DBP <sup>4</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PDP (200 kW or above)																			5,890
PDP (above 20 kW & below 200 kW)																			81,268
PDP (20 kW or below)																			323,351
SmartRate™ - Residential																			Not Available
<b>Sub-Total Price Response</b>																			
<b>Total All Programs</b>																			

<sup>1</sup> 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

<sup>2</sup> 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",

<sup>3</sup>The ILP provides 2015-2016 data. The March ILP 2017 will provide the available data for the Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

<sup>4</sup> Programs are closed and not available in 2017.

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 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  
January 2017

Program Eligibility and Ex Ante Average Load Impacts

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2016 <sup>1</sup>	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	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	N/A	N/A	N/A	N/A	0.39	0.62	0.62	0.61	0.53	0.30	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	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of <sup>2</sup>	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	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		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 <sup>2</sup>	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)	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; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
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	
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.

<sup>1</sup> The ILP provides 2015-2016 data. The March ILP 2017 will provide the available data for the Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

<sup>2</sup> Programs are closed and not available in 2017.

NOTE: 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.

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

Program Eligibility and Ex Post Average Load Impacts

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2016 <sup>1</sup>	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	1206.90		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	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	0.29	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	0.46	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of <sup>2</sup>	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	Program is closed for 2017.
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	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	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 <sup>2</sup>	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	Program is closed for 2017.
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	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	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	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	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.

<sup>1</sup> The ILP provides 2015-2016 data. The March ILP 2017 will provide the available data for the Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

<sup>2</sup> Programs are closed and not available in 2017.

NOTE: 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 preceding 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.

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

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																									
2017		January				February				March				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	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 <sup>1,2</sup>		1.2	N/A	N/A																					
CBP - Day Ahead		0.0	0.0	0.0																					
CBP - Day Of		0.0	0.0	0.0																					
DBP <sup>1</sup>		N/A	N/A	N/A																					
PDP		1.6	0.0	1.6																					
SmartRate™ - Residential		0.0	0.0	0.0																					
SmartAC™ - Commercial		0.0	0.0	0.0																					
SmartAC™ - Residential		0.0	0.0	0.0																					
<b>Total</b>		<b>2.8</b>	<b>0.0</b>	<b>1.6</b>																					
<b>Interruptible/Reliability</b>																									
BIP - Day of		0.0	0.0	0.0																					
OBMC		0.0	0.0	0.0																					
SLRP		0.0	0.0	0.0																					
<b>Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>																					
<b>Total Technology MWs</b>		<b>0.0</b>	<b>0.0</b>	<b>1.6</b>																					
<b>General Program</b>																									
TA (may also be enrolled in TI and AutoDR)		0.0																							
<b>Total</b>		<b>0.0</b>																							
<b>Total TA MWs</b>		<b>0.0</b>	N/A	N/A	N/A																				

  

Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																									
2017		July				August				September				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	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 <sup>1,2</sup>		N/A	N/A	N/A																					
CBP - Day Ahead																									
CBP - Day Of																									
DBP <sup>1</sup>		N/A	N/A	N/A																					
PDP																									
SmartRate™ - Residential																									
SmartAC™ - Commercial																									
SmartAC™ - Residential																									
<b>Total</b>																									
<b>Interruptible/Reliability</b>																									
BIP - Day of																									
OBMC																									
SLRP																									
<b>Total</b>																									
<b>Total Technology MWs</b>																									
<b>General Program</b>																									
TA (may also be enrolled in TI and AutoDR)																									
<b>Total</b>																									
<b>Total TA MWs</b>																									

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.

<sup>1</sup> Programs are not available in 2017.

<sup>2</sup> Payments carry over to the following year. For all ADR projects, 60% is paid upfront on completion of enrollment and the remaining 40% later on performance during an event season.

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

**2017 Program Expenditures**

Cost Item	2016 Expenditures	2017 Expenditures												Year-to-Date 2017 Expenditures	Program-to-Date 2017 Expenditures	2017 Funding	Fund shift Adjustments	Percent Funding	
		January	February	March	April	May	June	July	August	September	October	November	December						
<b>Category 1: Reliability Programs</b>																			
Base Interruptible Program (BIP)	\$0	\$15,550	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,550	\$15,550	\$271,194		5.7%
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$0	\$178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$178	\$178	\$42,236		0.4%
<b>Budget Category 1 Total</b>	<b>\$0</b>	<b>\$15,729</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,729</b>	<b>\$15,729</b>	<b>\$313,430</b>	<b>\$0</b>	<b>5.0%</b>
<b>Category 2: Price-Responsive Programs</b>																			
Capacity Bidding Program (CBP)	\$0	\$16,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,546	\$16,546	\$8,650,580		0.2%
SmartAC™	\$0	\$169,579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$169,579	\$169,579	\$6,334,761		2.7%
<b>Budget Category 2 Total</b>	<b>\$0</b>	<b>\$186,125</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$186,125</b>	<b>\$186,125</b>	<b>\$14,985,341</b>	<b>\$0</b>	<b>1.2%</b>
<b>Category 3: DR Provider/Aggregator Managed Programs</b>																			
Aggregator Managed Portfolio (AMP)	\$0	\$7,350	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,350	\$7,350	\$30,000		24.5%
<b>Budget Category 3 Total</b>	<b>\$0</b>	<b>\$7,350</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,350</b>	<b>\$7,350</b>	<b>\$30,000</b>	<b>\$0</b>	<b>24.5%</b>
<b>Category 4: Emerging &amp; Enabling Programs</b>																			
Auto DR	\$2,399	\$19,971	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,971	\$22,370	\$3,634,941		0.6%
DR Emerging Technology	\$0	\$58,626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,626	\$58,626	\$1,404,528		4.2%
<b>Budget Category 4 Total</b>	<b>\$2,399</b>	<b>\$78,597</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$78,597</b>	<b>\$80,996</b>	<b>\$5,039,469</b>	<b>\$0</b>	<b>1.6%</b>
<b>Category 5: Pilots</b>																			
Supply Side Pilot	\$0	\$26,599	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,599	\$26,599	\$2,100,000		1.3%
Excess Supply	\$0	\$14,005	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,005	\$14,005	\$600,000		2.3%
<b>Budget Category 5 Total</b>	<b>\$0</b>	<b>\$40,604</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$40,604</b>	<b>\$40,604</b>	<b>\$2,700,000</b>	<b>\$0</b>	<b>1.5%</b>
<b>Category 6: Evaluation, Measurement and Verification</b>																			
DRMEC	\$0	\$28,552	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,552	\$28,552	\$2,900,000		1.0%
DR Research	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000		0.0%
<b>Budget Category 6 Total</b>	<b>\$0</b>	<b>\$28,552</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,552</b>	<b>\$28,552</b>	<b>\$3,300,000</b>	<b>\$0</b>	<b>0.9%</b>
<b>Category 7: Marketing, Education and Outreach</b>																			
DR Core Marketing and Outreach	\$0	\$58,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,985	\$58,985	\$3,023,346		2.0%
Education and Training	\$0	\$5,054	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,054	\$5,054	\$243,909		2.1%
<b>Budget Category 7 Total</b>	<b>\$0</b>	<b>\$64,039</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64,039</b>	<b>\$64,039</b>	<b>\$3,267,254</b>	<b>\$0</b>	<b>2.0%</b>
<b>Category 8: DR System Support Activities</b>																			
InterAct / DR Forecasting Tool	\$0	\$294,359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$294,359	\$294,359	\$6,204,538		4.7%
DR Enrollment & Support	\$0	\$375,895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$375,895	\$375,895	\$5,437,144		6.9%
Notifications	\$0	\$186,803	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$186,803	\$186,803	\$4,401,306		4.2%
DR Integration Policy & Planning	\$0	\$28,308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,308	\$28,308	\$1,603,520		1.8%
<b>Budget Category 8 Total</b>	<b>\$0</b>	<b>\$885,365</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$885,365</b>	<b>\$885,365</b>	<b>\$17,646,507</b>	<b>\$0</b>	<b>5.0%</b>
<b>Category 9: Integrated Programs and Activities (Including Technical Assistance)</b>																			
Technology Incentives - IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0.0%
<b>Budget Category 9 Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>0.0%</b>
<b>Category 10: Special Projects</b>																			
Demand Response Auction Mechanism Pilot Phase 3 <sup>2</sup>	\$44,107	\$20,849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,849	\$64,956	\$12,000,000		0.5%
Rule 24 O&M	\$0	\$28,575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,575	\$28,575	\$700,000		4.1%
<b>Budget Category 10 Total</b>	<b>\$44,107</b>	<b>\$49,425</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$49,425</b>	<b>\$93,532</b>	<b>\$12,700,000</b>	<b>\$0</b>	<b>0.7%</b>
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$198,466	\$198,466	\$0	\$0	0.0%
<b>Total Incremental Cost<sup>3</sup></b>	<b>\$46,507</b>	<b>\$1,554,251</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,554,251</b>	<b>\$1,600,757</b>	<b>\$59,982,001</b>	<b>\$0</b>	<b>2.7%</b>
Technical Assistance & Technology Incentives (TA&TI) Identified as of January 2017	\$0																		

<sup>1</sup> 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 2017 approved budget for DR Core Marketing and Outreach includes funding for SmartAC marketing, education and  
<sup>2</sup> 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.  
<sup>3</sup> Total Incremental Cost excludes incentives. Incentives are reported on Table I-5.

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

Cost Item <sup>1</sup>	Carry-Over Expenditures incurred in 2015	Carry-Over Expenditures incurred in 2016													Carry-Over Expenditures incurred in 2017	Carry-Over Expenditures incurred in 2015-2017		
			January	February	March	April	May	June	July	August	September	October	November	December				
<b>Category 1: Reliability Programs</b>																		
Base Interruptible Program (BIP)	\$297	\$0	\$3,495														\$3,495	\$3,792
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$294	\$0	\$66														\$66	\$360
<b>Budget Category 1 Total</b>	<b>\$590</b>	<b>\$0</b>	<b>\$3,561</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,561</b>	<b>\$4,152</b>
<b>Category 2: Price-Responsive Programs</b>																		
Demand Bidding Program (DBP)	\$272	\$0	\$8,424														\$8,424	\$8,696
Capacity Bidding Program (CBP)	\$431	\$0	\$2,186														\$2,186	\$2,617
Peak Choice	\$0	\$0	\$0														\$0	\$0
SmartAC™	\$392,585	(\$129)	\$21,516														\$21,516	\$413,973
Critical Peak Pricing (CPP)	\$0	\$0	\$0														\$0	\$0
<b>Budget Category 2 Total</b>	<b>\$393,289</b>	<b>(\$129)</b>	<b>\$32,126</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,126</b>	<b>\$425,287</b>
<b>Category 3: DR Provider/Aggregator Managed Programs</b>																		
Aggregator Managed Portfolio (AMP)	\$303	\$0	\$2,370														\$2,370	\$2,674
<b>Budget Category 3 Total</b>	<b>\$303</b>	<b>\$0</b>	<b>\$2,370</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,370</b>	<b>\$2,674</b>
<b>Category 4: Emerging &amp; Enabling Programs</b>																		
Auto DR	\$769,269	(\$0)	\$77,339														\$77,339	\$846,608
DR Emerging Technology	\$68,122	(\$6,124)	\$20,670														\$20,670	\$82,668
<b>Budget Category 4 Total</b>	<b>\$837,391</b>	<b>(\$6,124)</b>	<b>\$98,008</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$98,008</b>	<b>\$929,275</b>
<b>Category 5: Pilots</b>																		
IRR Phase 2	\$17,619	\$0	\$0														\$0	\$17,619
T&D DR	\$64,769	\$0	(\$965)														(\$965)	\$63,805
Plug-in Hybrid EV/EV (incl. HAN-EV)	\$1,033,567	\$313,549	\$0														\$0	\$1,347,116
Supply Side Pilot	\$0	\$0	\$2,401														\$2,401	\$2,401
Excess Supply	\$0	\$0	\$500														\$500	\$500
<b>Budget Category 5 Total</b>	<b>\$1,115,955</b>	<b>\$313,549</b>	<b>\$1,936</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,936</b>	<b>\$1,431,440</b>
<b>Category 6: Evaluation, Measurement and Verification</b>																		
DRMEC	\$2,309,747	(\$23,258)	\$209,087														\$209,087	\$2,495,577
DR Research Studies	\$0	\$981,026	\$5,000														\$5,000	\$986,026
<b>Budget Category 6 Total</b>	<b>\$2,309,747</b>	<b>\$957,768</b>	<b>\$214,087</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$214,087</b>	<b>\$3,481,603</b>
<b>Category 7: Marketing, Education and Outreach</b>																		
DR Core Marketing and Outreach	\$1,879	(\$616)	(\$627)														(\$627)	\$636
SmartAC™ ME&O	(\$65,632)	\$39,940	\$768														\$768	(\$24,923)
Education and Training	\$0	\$0	\$4,213														\$4,213	\$4,213
<b>Budget Category 7 Total</b>	<b>(\$63,753)</b>	<b>\$39,325</b>	<b>\$4,355</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,355</b>	<b>(\$20,074)</b>
<b>Category 8: DR System Support Activities</b>																		
InterAct / DR Forecasting Tool	\$32,805	\$0	\$100,018														\$100,018	\$132,822
DR Enrollment & Support	\$523,395	(\$9,938)	\$59,204														\$59,204	\$572,662
Notifications	\$353,822	\$0	\$8,261														\$8,261	\$362,083
DR Integration Policy & Planning	\$35,642	\$0	\$49,655														\$49,655	\$85,297
<b>Budget Category 8 Total</b>	<b>\$945,664</b>	<b>(\$9,938)</b>	<b>\$217,138</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$217,138</b>	<b>\$1,152,864</b>
<b>Category 9: Integrated Programs and Activities (Including Technical Assistance)</b>																		
Technology Incentives - IDSM	(\$10,921)	\$0	\$9,361														\$9,361	(\$1,560)
PEAK	\$0	\$0	\$0														\$0	\$0
Integrated Marketing & Outreach	\$0	\$0	\$0														\$0	\$0
Integrated Education & Training	\$0	\$0	\$0														\$0	\$0
Integrated Sales Training	\$0	\$0	\$0														\$0	\$0
Integrated Energy Audits	\$0	\$0	(\$8,431)														(\$8,431)	(\$8,431)
Integrated Emerging Technology	\$0	\$0	\$0														\$0	\$0
<b>Budget Category 9 Total</b>	<b>(\$10,921)</b>	<b>\$0</b>	<b>\$930</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$930</b>	<b>(\$9,991)</b>
<b>Category 10: Special Projects</b>																		
Demand Response Auction Mechanism Pilot Phase 1	\$0	\$0	\$440														\$440	\$440
Demand Response Auction Mechanism Pilot Phase 2	\$0	\$0	\$9,933														\$9,933	\$9,933
DR-HAN Integration (excl. HAN-EV)	(\$70,326)	\$0	\$0														\$0	(\$70,326)
Permanent Load Shifting	\$33,827	\$13,564	\$15,369														\$15,369	\$62,759
<b>Budget Category 10 Total</b>	<b>(\$36,499)</b>	<b>\$13,564</b>	<b>\$25,743</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$25,743</b>	<b>\$2,808</b>
<b>Total Incremental Cost</b>	<b>\$5,491,766</b>	<b>\$1,308,016</b>	<b>\$600,254</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$600,254</b>	<b>\$7,400,036</b>

Notes:

<sup>1</sup> Expenditures on this page reflect expenses incurred in 2017 from all prior funding cycles



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

Program Category	Program Name	Month	Zones <sup>1</sup>	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) <sup>2,3</sup>
<b>Category 1: Reliability Programs</b>												
	Base Interruptible Program											
	Optional Bidding Mandatory Curtailment/ Scheduled Load Reduction											
<b>Category 2: Price-Responsive Programs</b>												
	Demand Bidding Program (N/A 2017) <sup>4</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Capacity Bidding Program											
	Peak Day Pricing											
	SmartAC											
	SmartRate											
<b>Category 3: DR Provider/Aggregator Managed Programs</b>												
	Aggregator Managed Portfolio (N/A 2017) <sup>4</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>1</sup> 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.

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

<sup>3</sup> 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.

<sup>4</sup> Programs are not available in 2017.

NOTE: For 2017 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  
2017 Demand Response Programs Incentives  
January 2017

Annual Total Cost													
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
<b>Program Incentives</b>													
Aggregator Managed Portfolio (AMP) <sup>1, 6</sup>	\$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) <sup>1</sup>	\$2,111,280	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,111,280
Capacity Bidding Program (CBP) <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Demand Bidding Program (DBP) <sup>3, 6</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAM Phase 1 <sup>4</sup>	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Excess Supply Pilot	\$700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$700
Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program (OBMC / SLRP) <sup>1</sup>	\$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 <sup>TM</sup>	\$8,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,300
Supply Side Pilot	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
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
<b>Total Cost of Incentives</b>	<b>\$2,130,280</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,130,280</b>
<b>Revenues from Penalties<sup>5</sup></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<sup>1</sup> Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account.

<sup>2</sup> Incentives reported are net of penalties paid by the aggregators.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in AMP and BIP programs.

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

Annual Total Cost															
Cost Item <sup>1</sup>	Carry-Over Incentives incurred in 2015	Carry-Over Incentives incurred in 2016	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Incentives incurred in 2016
	<b>Program Incentives</b>														
Aggregator Managed Portfolio (AMP) <sup>3</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Automatic Demand Response (AutoDR)	\$674,260	\$11,334	\$327,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$327,645
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capacity Bidding Program (CBP)	\$0	\$0	(\$397)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$397)
Demand Bidding Program (DBP) <sup>3</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAM Phase 1 <sup>2</sup>	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
DRAM Phase 2 <sup>2</sup>	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
Permanent Load Shift	\$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
SmartAC™	\$159,753	\$50	\$10,273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,273
Technology Incentive (TI)	\$967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transmission and Distribution Pilot (T&D DR)	(\$11,600)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Cost of Incentives</b>	<b>\$837,180</b>	<b>\$11,384</b>	<b>\$337,522</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$337,522</b>
<b>Revenues from Penalties</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

<sup>1</sup> Incentives on this page reflect incentives paid in 2017 from all prior funding cycles.

<sup>2</sup> 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  
January 2017**

PG&E's ME&O Actual Expenditures	2017 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to-Date 2017 Expenditures	2017 Authorized Budget (if Applicable)	
	January	February	March	April	May	June	July	August	September	October	November	December			
<b>I. STATEWIDE MARKETING</b>															
IOU Administrative Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Statewide ME&O contract	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>I. TOTAL STATEWIDE MARKETING</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>II. UTILITY MARKETING BY ACTIVITY<sup>1</sup></b>															
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016															
<b>PROGRAMS, RATES &amp; ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING</b>															
Integrated Demand Side Marketing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marketing My Account/Energy and Integrated Online Audit Tools	\$ -														\$ -
Critical Peak Pricing > 200 kW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Demand Bidding Program	\$ -														\$ -
Real Time Pricing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Permanent Load Shifting	\$ 9,896														\$ 9,896
Circuit Savers	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Small Commercial Technology Deployment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Enabling Technologies (e.g., AutoDR, TI)	\$ 8,844														\$ 8,844
PeakChoice	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Customer Awareness, Education and Outreach	\$ 14,739														\$ 14,739
<b>PROGRAMS &amp; RATES WHICH REQUIRE ITEMIZED ACCOUNTING</b>															
<b>SmartAC</b>	\$ 30,561	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,561
Customer Research															\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 10,000														\$ 10,000
Labor	\$ 20,561														\$ 20,561
Paid Media															\$ -
Other Costs															\$ -
<b>II. TOTAL UTILITY MARKETING BY ACTIVITY</b>	\$ 64,039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,039
<b>III. UTILITY MARKETING BY ITEMIZED COST</b>															
Customer Research															\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 14,000														\$ 14,000
Labor	\$ 50,039														\$ 50,039
Paid Media															\$ -
Other Costs															\$ -
<b>III. TOTAL UTILITY MARKETING BY ITEMIZED COST</b>	\$ 64,039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,039
<b>IV. UTILITY MARKETING BY CUSTOMER SEGMENT</b>															
Agricultural	\$ 5,022														\$ 5,022
Large Commercial and Industrial	\$ 28,457														\$ 28,457
Small and Medium Commercial	\$ -														\$ -
Residential	\$ 30,561														\$ 30,561
<b>IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT</b>	\$ 64,039	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,039

**Notes:**

<sup>1</sup>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  
2015-2016 Fund Shifting Documentation**

**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.
	\$550,000	Demand Response Auction Mechanism Pilot Phase 2 to Permanent Load Shifting	1/31/2017	Prior fund shift from PLS to DRAM2 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	1/31/2017	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
<b>Total</b>	<b>\$12,100,000</b>			