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

Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response
Programs for February. This report is being served on the Energy Division Director and 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 February 2016

UTILITY NAME: Pacific Gas and Electric Company

Monthly Program Enrollment and Estimated Load Impacts

Monthly Program Emoliment and Estima		January			February			March			April			May			June		
		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	³⁻ Eligible Accounts as
	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated		Accounts	Estimated		Accounts		Estimated	of
Programs	Accounts 3	MW ¹	MW ²	Accounts 3	MW ¹	MW ²	Accounts ³	MW 1	MW ²	Accounts 3	MW 1	MW ²	3	MW ¹	MW ²	3	MW ¹	MW ²	Jan 1, 2016
Interruptible/Reliability																			
BIP - Day Of	218	214	228	208	217	218													10,843
OBMC	22	0	0	22	0	0													N/A
SLRP	0	0	0	0	0	0													N/A
SmartAC [™] - Commercial	4,337	0	1	4,295	0	1													N/A
SmartAC [™] - Residential	153,363	0	80	153,147	0	80													N/A
Sub-Total Interruptible	157,940	214	309	157,672	217	299													
Price Response																			
AMP - Day Of	2,661	0	234	2,676	0	235													592,761
CBP - Day Ahead	0	0	0	0	0	0													596,779
CBP - Day Of	0	0	0	0	0	0													390,779
DBP	495	15	15	493	17	15													10,843
PDP (200 kW or above)	2,099	18	52	2,120	18	52													6,491
PDP (above 20 kW & below 200 kW)	34,045	3	61	33,594	3	60													62,160
PDP (20 kW or below)	190,682	3	27	189,048	3	27													323,726
SmartRate [™] - Residential	144,524	0	43	144,729	0	43													N/A
Sub-Total Price Response	374,506	38	431	372,660	40	432													
Total All Programs	532,446	251	741	530,332	258	731													

		July			August			September			October			November			December		
		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante	Ex Post	Service	Ex Ante	Ex Post	Service	Ex Ante	Ex Post	³⁻ Eligible Accounts as
	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimate	Estimated	Service				Estimated				Estimated	of
Programs	Accounts ³	MW 1	MW ²	Accounts ³	MW 1	MW ²	Accounts ³	MW 1	MW ²	Accounts ³	MW 1	MW ²	3	MW ¹	MW ²	3	MW 1	MW ²	Jan 1, 2016
Interruptible/Reliability																			
BIP - Day of																			10,843
OBMC																			N/A
SLRP																			N/A
SmartAC [™] - Commercial																			N/A
SmartAC [™] - Residential																			N/A
Sub-Total Interruptible																			
Price Response																			
AMP - Day Of																			592,761
CBP - Day Ahead																			596,779
CBP - Day Of																			
DBP PDP (200 kW or above)																			10,843 6,491
PDP (above 20 kW & below 200 kW)																			385,886
PDP (20 kW or below)																			363,666
SmartRate TM - Residential																			N/A
Sub-Total Price Response																			10/1
Total All Programs																			

¹Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2015 Load Impact Response. The values reported are calculated by using the monthly ex ante average 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 MIW = 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 April 2016 ILP will provide the available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Expost 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 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 estimates such as normalized weather conditions, expected customer mix during events, expected days of the week which events occur, and other lesser effects (orecast 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 the World in the Monthly ILP Report are not used by PG&E for operational reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

NOTE: There is also another group of customers on the Critical Peak Pricing (CPP also known as PDP) rate, e.g., small business and medium C&I customers, who are enrolled on CPP on a purely voluntary basis. This group of customers is referred to as the voluntary CPP customers. The great majority of these service accounts are associated with a single business entity and do not respond on event days. These voluntary CPP participants infilate the enrollment number because they are not representative of the small business or medium C&I populations that will continue to default onto CPP in coming years. Load impacts for these customers are presented in the PG&E electronic ex post load impact table generator; but it is important to remember that their load impacts do not reflect what would be expected from the small business and medium C&I customer classes in the future under default CPP.

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

Program Eligibility and Ex Ante Average Load Impacts

Program Eligibility and Ex Ante Ave	erage Load I	mpacts			Average E	Ex Ante Loa	d Impact k	W / Custom	ner				' Eligible	
													Accounts as of	
Program BIP - Day Of	January 979.39	February 1045.67	March 1037.94	April 1165.99	May 1075.80	June 1165.67	July 1184.85	August 1211.97	September 1171.07	October 1142.09	November 1046.04		Jan 1,-2016	Eligibility Criteria (Refer to tariff for specifics) 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.
ОВМС	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		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		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	0.29	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	0.34	0.54	0.54	0.52	0.48	0.24	N/A	N/A		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	84.87	84.87	84.87	84.87	84.87	84.87	N/A	N/A	592,761	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	148.54	153.00	158.86	147.37	137.79	140.95	N/A	N/A	506 770	A customer may participate in either the Day-Ahead or Day-Of option. A customer with multiple service agreements (SA) may nominate demand reductions from a single SA to either the Day-of option or Day-ahead option. A SA may not be nominated to both the Day-of and Day-ahead option during a single program month. Customers that receive electric power from third parties (other than through direct access and Community Choice Aggregation) and customers billed for standby service are not eligible for Schedule E-CBP. Eligible customers include those receiving partial standby service or services pursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.
CBP - Day Of	N/A	N/A	N/A	N/A	16.81	18.07	18.94	18.76	18.62	16.39	N/A	N/A	330,773	A customer may participate in either the Day-Ahead or Day-Of option. A customer with multiple service agreements (SA) may nominate demand reductions from a single SA to either the Day-of option or Day-ahead option. A SA may not be nominated to both the Day-of and Day-ahead option during a single program month. Customers that receive electric power from third parties (other than through direct access and Community Choice Aggregation) and customers billed for standby service are not eligible for Schedule E-CBP. Eligible customers include those receiving partial standby service or services pursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.
DBP	29.38	34.42	32.50	40.88	37.06	39.75	39.52	41.33	39.07	38.11	35.95	32.78	10,843	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)	8.35	8.40	8.70	19.34	19.52	24.42	24.46	24.37	23.50	19.64	9.34	8.31	6,491	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW
PDP (above 20 kW & below 200 kW)	0.09	0.09	0.09	0.23	0.26	0.30	0.30	0.30	0.29	0.24	0.10	0.09	62,160	Maximum Demand; February 1st, 2011 for large bundled Ag customers;
PDP (20 kW or below)	0.01	0.01	0.01	0.03	0.04	0.05	0.05	0.05	0.04	0.03	0.01	0.01	323.726	INovember 2014 for bundled C&i Customers with <200 kW Maximum Demand
SmartRate [™] - Residential	N/A	N/A	N/A	N/A	0.17	0.30	0.30	0.29	0.27	0.13	N/A	N/A	, -	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 average lead increase way				anta filina a	- Ameil 4 20	45 /D 42 00	O44) Fatina		a Fu Anta La		M/Custs see	Augrana	M//Customes und	or 1-in-2 weather conditions of an event that would occur from 1 - 6 pm for April

The average ex ante load impacts per customer are based on the load impacts filing on April 1, 2015 (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 April 2016 ILP will provide update to the Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

Pacific Gas and Electric Company Average Ex Post Load Impact kW / Customer February 2016

Program Eligibility and Ex Post Average Load Impacts

Program Eligibility and Ex Post Ave		•			Average I	Ex Ante Lo	ad Impact	kW / Custo	omer				' Eligible	
													Accounts as of	
Program		February	March	April	May	June	July		September			December		Eligibility Criteria (Refer to tariff for specifics)
BIP - Day Of	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	1046.7	15,515	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW.
ОВМС	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		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		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		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	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52		0.52		Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
AMP - Day Of	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	592,761	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	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3		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	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	596,779	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	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	10,843	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)	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	6,491	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW
PDP (above 20 kW & below 200 kW)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	62,160	Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand
PDP (20 kW or below)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	, -	and 12 consecutive months of interval data.
SmartRate [™] - Residential	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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, 2015 (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 2014; its average-customer impact reported here is from the April 2, 2012 filing.

¹ The April 2016 ILP will provide update to the Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

Table I-2 Pacific Gas and Electtric Company Program Subscription Statistics February 2016

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

2016		Ja	anuary			Fe	ebruary			N	arch				April				May				June	
	TA Identified	Auto DR Verified	TI Verified	Total Technology	TA Identified	Auto DR Verified	TI Verified	Total Technology	TA Identified	Auto DR Verified	TI Verified	Total Technology	TA Identified	Auto DR Verified	TI Verified	Total Technology	TA Identified	Auto DR Verified	TI Verified	Total Technology	TA Identified	Auto DR Verified	TI Verified	Total Technology
Price Responsive	MWs	MWs	MWs	MWs																				
AMP - Day Ahead		0.0	0.0	0.0		0.0	0.0	0.0																<u>'</u>
AMP - Day Of		0.3	0.0	0.0		0.4	0.0	0.4																
CBP - Day Ahead		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																
DBP		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																
SmartRate™ - Residential		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																
SmartAC™ - Residential		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																<u> </u>
Interruptible/Reliability																								
BIP - Day of		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																
SLRP		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 Technology MWs		0.0	0.0	0.3		0.4	0.0	0.4																
General Program																								
TA (may also be enrolled in TI and AutoDR)	0.0				0.0																			
Total	0.0				0.0																			
Total TA MWs	0.0	N/A	N/A	N/A	0.0	N/A	N/A	N/A																

2016			July			A	lugust			Sep	tember			c	October			No	vember			De	cember	
	TA	Auto DR		Total	TA	Auto DR		Total																
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	
Price Responsive	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs																
AMP - Day Ahead																								1
AMP - Day Of																								1
CBP - Day Ahead																								1
CBP - Day Of																								l
DBP																								İ
PDP																								
SmartRate™ - Residential																								1
SmartAC™ - Commercial																								
SmartAC™ - Residential																								
Total																								i
Interruptible/Reliability																								
BIP - Day of																								
OBMC																								1
SLRP																								
Total																								
Total Technology MWs																								
General Program																								
TA (may also be enrolled in TI and AutoDR)																								
Total																								
Total TA MWs																								

NOTE: Projects for which applications were approved in the previous funding cycle are charged to that funding cycle; however, installed megawatts are at the time of installation regardless of funding cycle.

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

2015-2016 Program Expenditures

Cost Item	2015 Expenditures	January ⁶	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2016 Expenditures	Program-to-Date Expenditures	2-Year Funding ⁷	Fundshift Adjustments ⁸	Percent Funding
Category 1: Reliability Programs			•		•			•		•				•			•	Ť
Base Interruptible Program (BIP)	\$139,467	\$14,183	\$13,681											\$27,864	\$167,331	\$537,137		31.29
Optional Bidding Mandatory Curtailment /																		
Scheduled Load Reduction (OBMC / SLRP)	\$15,522	\$1,115	\$1,263											\$2,378	\$17,900	\$304,304		5.9%
Budget Category 1 Total	\$154,989	\$15,298	\$14,944	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,242	\$185,231	\$841,441	\$0	22.09
Category 2: Price-Responsive Programs																		
Demand Bidding Program (DBP)	\$206,215	\$11,330	\$13,505											\$24,836	\$231,050	\$1,161,150		19.9%
Capacity Bidding Program (CBP)	\$249,657	\$19,349	\$18,956											\$38,305	\$287,962	\$4,887,754		5.9%
SmartAC TM	\$3,893,694	\$491,228	\$462,807											\$954,034	\$4,847,728	\$13,336,338		36.39
Budget Category 2 Total	\$4,349,566	\$521,907	\$495,268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,017,175	\$5,366,741	\$19,385,242	\$0	27.79
Category 3: DR Provider/Aggregator Managed Programs																		
Aggregator Managed Portfolio (AMP)	\$283,875	\$21,443	\$21,281											\$42,724	\$326,599	\$944,506		34.69
Budget Category 3 Total	\$283,875	\$21,443	\$21,281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,724	\$326,599	\$944,506	\$0	34.69
Category 4: Emerging & Enabling Programs																		
Auto DR	\$1,989,906	\$75,318	\$410,341											\$485,658	\$2,475,565	\$17,870,739		13.99
DR Emerging Technology	\$911,820	\$35,166	\$95,340											\$130,506	\$1,042,326	\$2,809,056		37.19
Budget Category 4 Total	\$2,901,727	\$110,483	\$505,681	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$616,165	\$3,517,891	\$20,679,795	\$0	17.09
Category 5: Pilots																		
Supply Side Pilot	\$756,309	(\$473)	\$35,755											\$35,282	\$791,591	\$2,511,198		31.5%
T&D DR	\$493,857	\$64,669	\$8,108											\$72,777	\$566,634	\$1,698,036		33.49
Excess Supply	\$385,279	\$30,991	\$26,721											\$57,712	\$442,991	\$1,199,842		36.99
Budget Category 5 Total	\$1,635,446	\$95,187	\$70,583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$165,771	\$1,801,216	\$5,409,076	\$0	33.39
Category 6: Evaluation, Measurement and Verification																		
DRMEC	\$1,345,427	\$274,702	\$396,981											\$671,683	\$2,017,110	\$8,885,397		22.79
Budget Category 6 Total	\$1,345,427	\$274,702	\$396,981	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$671,683	\$2,017,110	\$8,885,397	\$0	22.79
Category 7: Marketing, Education and Outreach																		
DR Core Marketing and Outreach 1	\$1,057,377	\$48,974	\$45,688											\$94,663	\$1,152,039	\$9,142,336		48.3%
SmartAC TM ME&O ²	\$3,109,604	\$365,934	(\$213,291)											\$152,643	\$3,262,247			
Education and Training	\$131,663	\$8,816	\$6,526											\$15,342	\$147,006	\$529,889		27.7%
Budget Category 7 Total	\$4,298,644	\$423,724	(\$161,076)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$262,648	\$4,561,292	\$9,672,225	\$0	47.29
Category 8: DR System Support Activities																		
InterAct / DR Forecasting Tool	\$2,922,482	\$142,383	\$145,603											\$287,987	\$3,210,468	\$9,974,090		32.29
DR Enrollment & Support	\$3,457,527	\$249,617	\$413,818											\$663,435	\$4,120,962	\$10,874,287		37.9%
Notifications	\$2,491,204	\$42,107	\$170,163											\$212,270	\$2,703,474	\$5,473,744		49.49
DR Integration Policy & Planning	\$1,366,095	\$84,480	\$125,226											\$209,707	\$1,575,801	\$3,207,039		49.19
Budget Category 8 Total	\$10,237,307	\$518,587	\$854,811	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,373,398	\$11,610,706	\$29,529,161	\$0	39.39
Category 9: Integrated Programs and Activities (Including Technical Assistance)																		
Technology Incentives - IDSM ³	\$521,715	\$3,359	\$58,987											\$62,346	\$584,061	\$4,051,540		14.49
Integrated Energy Audits ³	\$892,506	(\$1,148)	\$4,038											\$2,890	\$895,396	\$2,550,462		35.19
Budget Category 9 Total	\$1,414,221	\$2,211	\$63,026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65,236	\$1,479,457	\$6,602,002	\$0	
Category 10: Special Projects	+ - , ,	<i>7-,-</i> · · ·	+-0,020	Ψ	Ψ2	~~	Ψ3		Ψ0	4 5	Ψ-	Ψ-	4 5	\$55,250	\$ 1, 17 0, 107	ŢI,002,002	ΨΟ	<u></u>
Permanent Load Shifting	\$431,129	\$38,902	\$45,620											\$84,522	\$515,651	\$10,128,288	(\$2,000,000)	5.19
Demand Response Auction Mechanism Pilot ⁴	\$104,556	\$24,516	\$32,207											\$56,722		\$0	\$2,000,000	*
Budget Category 10 Total	\$535,685	\$63,418	\$77,826	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$141,244			\$0	
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											\$480,501	\$3,753,481		\$0	N/A
Total Incremental Cost 5	\$3,272,979	\$2,318,906		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,866,786		\$112,077,133	\$0 \$0	
i otal incremental oost	₽ 3U,4∠9,80b	⊅∠,১1ö,9Ub	φ∠,547,881	⊅∪	ΦU	ΦU	ΦU	ΦU	20	20	20	20	20	₽ 4 ,800,786	J 333,∠90,053	⊅11∠,∪//,133	\$0	31.5%

¹ The expenditures listed are in support of PG&E's DR programs for large commercial, industrial and agricultural customers, excluding the aggregator-managed programs. Disclosure complies with OP 24 of D.12-04-045. 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. This funding will continue through 2025 unless the Commission issues a superseding funding decision.

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.

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. reserve those funds within their existing authorized 2015-2016 program year budgets

⁷ Program budgets include employee benefits costs approved in the GRC (D.14-08-032) – Decision Authorizing Pacific Gas and Electric Company's General Rate Case Revenue Requirement for 2014-2016, issued on August 20, 2014.

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

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

Program Category	Program Name	Month	Zones¹	Event Date	Event No. (by Program Type)	Program Type	Triager	# of Accounts		Event End Time (PDT)	Program Tolled Hours	Load Reduction MW (Max Hourly)
Page 1 of 1												
Category 1: Reliability Programs												
	Base Interruptible Program (BIP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	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 (CBP)	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 (DBP)	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 (Cont'd)												
	Peak Day Pricing (PDP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	SmartAC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	SmartRate (SR)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Category 3: DR Provider/Aggregator Managed Programs												
	Aggregator Managed Portfolio (AMP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ Identifies location of event (SubLAP) for locally-dispatchable programs. Non-locally-dispatchable programs are listed as System.

Table I-5 Pacific Gas and Electric Company 2015-2016 Demand Response Programs Total Embedded Cost and Revenues February 2016

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	\$8,046,840	\$0	\$0											\$0	\$8,046,840
Automatic Demand Response (AutoDR)	\$46,470	\$48,891	\$77,490											\$126,381	\$172,851
Base Interruptible Program (BIP) 1	\$26,083,006	\$2,686,596	\$2,095,754											\$4,782,349	\$30,865,356
Capacity Bidding Program (CBP) 2	\$1,742,221	\$0	\$0											\$0	\$1,742,221
Demand Bidding Program (DBP)	\$1,022,581	\$0	\$0											\$0	\$1,022,581
Excess Supply Pilot Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program	\$0	\$0	\$0											\$0	\$0
(OBMC / SLRP) ¹	\$0	\$0	\$0											\$0	\$0
SmartAC [™]	\$700,649	\$22,781	\$67,648											\$90,429	\$791,078
Supply Side Pilot	\$45,687	\$11,000	\$14,312											\$25,312	\$70,999
Technology Incentive (TI)	\$88,020	\$0	\$0											\$0	\$88,020
Transmission and Distribution Pilot (T&D DR	\$5,150	\$0	\$0											\$0	\$5,150
Total Cost of Incentives	\$37,780,624	\$2,769,268	\$2,255,203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,024,471	\$42,805,096
Revenues from Penalties ³	(\$1,916,028)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,916,028

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.

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

³ Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in AMP and BIP programs.

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

PG&E's ME&O Actual Expenditures				2015-2016	Funding Cy	cle Custom	er Commun	ication, M	arketing, ar	d Outreach					Year-to-Date	2015-2016	2015-2016
															2016	Inception-to-	
	2015 Total														Expenditure	s Date Expenditures	Budget (if Applicable)
I. STATEWIDE MARKETING	Costs	January	February	March	April	May	June	July	August	Septem	ber O	ctober	Novembe	er December		+ -	
IOU Administrative Costs		ć	\$ -	ć	ć	ć	ć	,	ć	ć	,		_	ć	6		
Statewide ME&O contract	\$ - \$ -	\$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ \$	·	-	-	\$ - \$ -	\$ - \$ -	\$ -	\$ -	
I. TOTAL STATEWIDE MARKETING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$. \$	- \$	-	\$ -	\$ -	\$ -	\$ -	
II. UTILITY MARKETING BY ACTIVITY ¹																	
TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016	_																
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING																	
Integrated Demand Side Marketing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	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	\$ 594,520	\$ 28,895	\$ 26,107	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 55,000	2 \$ 649,522	
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	\$ 237,808	\$ 11,558	\$ 10,443	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 22,00	1 \$ 259,809	
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)	\$ 356,712	\$ 17,337	\$ 15,664	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 33,00	1 \$ 389,713	
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	\$ -														\$ -	\$ -	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																	
SmartAC	\$ 3,109,604	\$ 365,934	(\$213,291)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 152,64	3 \$ 3,262,247	
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ -	\$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 2,492,934	\$ 48,555	\$ 66,722	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 115,27	7 \$ 2,608,212	
Labor	\$ 445,276	\$ 317,379	\$ (280,013)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 37,36	\$ 482,642	
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	· \$	- \$	-	\$ -	\$ -	\$ -	\$ -	
Other Costs	\$ 171,393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ -	\$ 171,393	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 4,298,644	\$ 423,724	\$ (161,076)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 262,64	\$ 4,561,292	
III. UTILITY MARKETING BY ITEMIZED COST	<u> </u>	<u> </u>														1	
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	· \$	- \$	-	\$ -	\$ -	\$ -	\$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 2,942,619	\$ 62,143	\$ 66,745	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 128,88		
Labor	\$ 1,184,486	\$ 360,703	\$ (227,822)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 132,88	1 \$ 1,317,367	
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	· \$	- \$	-	\$ -	\$ -	\$ -	\$ -	
Other Costs	\$ 171,539	\$ 878	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 87	3 \$ 172,418	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 4,298,644	\$ 423,724	\$ (161,076)	\$ -	\$ -	\$ -	\$ -	\$ -	\$. \$	- \$	-	\$ -	\$ -	\$ 262,64	\$ 4,561,292	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																	
Agricultural	\$ 178,356	\$ 8,669	\$ 7,832	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 16,50	1 \$ 194,857	
Large Commercial and Industrial	\$ 1,010,684	\$ 49,122	\$ 44,382	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -		\$ 1,104,188	
Small and Medium Commercial	\$ 155,480	\$ 18,297	\$ (10,665)	\$ -	\$ -	\$ -	\$ -	\$ -	\$	- \$	- \$	-	\$ -	\$ -	\$ 7,63	2 \$ 163,112	
Residential	\$ 2,954,124				\$ -	\$ -	\$ -	\$ -	\$. Ś	- \$	-	\$ -	\$ -	\$ 145,01		

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.

Pacific Gas and Electric Company 2015-2016 Fund Shifting Documentation February 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	\$0.00			
Category 9: Integrated Programs and Activities	\$0.00			
	\$100,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot	8/14/2015	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
Category 10: Special Projects	\$200,000	Permanent Load Shifting to Demand Response Auction Mechanism Pilot	12/16/2015	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
		Permanent Load Shifting to Demand Response Auction Mechanism Pilot	1/31/2016	The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014.
Total	\$2,000,000			