Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for September 2015



Pacific Gas and Electric Company®

Public October 20, 2015 Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for September. 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 September 2015

# UTILITY NAME: Pacific Gas and Electric Company

Monthly Program Enrollment and Estimated Load Impacts

		January			February			March			April			May			June		
		Ex Ante	Ex Post	<b>.</b> .	Ex Ante	Ex Post	<b>.</b> .	Ex Ante	Ex Post	<b>.</b> .	Ex Ante	Ex Post		Ex Ante	Ex Post	•	Ex Ante	Ex Post Estimated	<sup>a</sup> Eligible Accounts as
	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated		to
Programs	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Jan 1, 2015
Interruptible/Reliability																			
BIP - Day Of	219	214	229	203	212	212	207	215	217	207	241	217	207	223	217	206	240	216	10,843
OBMC	24	0	0	24	0	0	24	0	0	23	0	0	23	0	0	22	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 <sup>™</sup> - Commercial	4,833	0	1	4,796	0	1	4,760	0	1	4,730	0	1	4,710	2	1	4,612	3	1	N/A
SmartAC <sup>™</sup> - Residential	152,200	0	79	153,547	0	80	154,173	0	80	154,257	0	80	154,515	52	80	152,380	83	79	N/A
Sub-Total Interruptible	157,276	214	310	158,570	212	294	159,164	215	298	159,217	241	298	159,455	277	298	157,220	326	296	
Price Response																			
AMP - Day Of	3,036	0	267	2,167	0	190	2,160	0	190	2,169	0	191	1,457	121	128	1,446	121	127	592,761
CBP - Day Ahead	0	0	0	0	0	0	0	0	0	0	0	0	175	21	26	181	21	27	596,779
CBP - Day Of	0	0	0	0	0	0	0	0	0	0	0	0	508	27	10	633	32	12	550,775
DBP	794	23	24	790	27	23	784	25	23	767	31	23	767	28	23	570	23	17	10,843
PDP (200 kW or above)	1,846	15	46	1,811	15	45	1,838	16	45	1,939	37	48	1,893	37	47	1,866	46	46	6,491
PDP (above 20 kW & below 200 kW)	2,776	0	5	2,732	0	5	2,707	0	5	2,674	1	5	2,603	1	5	2,563	1	5	62,160
PDP (20 kW or below)	174,503	3	25	173,130	2	25	171,085	2	24	169,496	6	24	168,354	6	24	162,815	7	23	323,726
SmartRate <sup>™</sup> - Residential	125,599	0	38	124,529	0	37	123,129	0	37	125,057	0	38	126,762	22	38	126,907	38	38	N/A
Sub-Total Price Response	308,554	42	403	305,159	45	325	301,703	44	324	302,102	75	328	302,519	264	300	296,981	288	295	
Total All Programs	465,830	256	713	463,729	257	619	460,867	259	623	461,319	316	626	461,974	541	598	454,201	614	591	

		July			August			September			October			November			December		
	Comilao	Ex Ante Estimated	Ex Post Estimated	Service	Ex Ante Estimated	Ex Post Estimated	Accounts as												
Programs	Service Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts	MW <sup>1</sup>	MW <sup>2</sup>	Accounts		MW <sup>2</sup>	Accounts		MW <sup>2</sup>	Accounts	4	MW <sup>2</sup>	Jan 1, 2015
Interruptible/Reliability																			
BIP - Day of	206	244	216	208	252	218	209	245	219										10,843
OBMC	22	0	0	22	0	0	22	0	0										N/A
SLRP	0	0	0	0	0	0	0	0	0										N/A
SmartAC <sup>™</sup> - Commercial	4,555	3	1	4,508	3	1	4,476	2	1										N/A
SmartAC <sup>™</sup> - Residential	151,110	82	79	150,487	79	78	151,580	73	79										N/A
Sub-Total Interruptible	155,893	329	296	155,225	334	297	156,287	320	299	0	0	0	0	0	0	0	0	0	
Price Response																			
AMP - Day Of	1,466	120	129	1,434	119	126	1,434	122	126										592,761
CBP - Day Ahead	200	30	30	198	28	29	198	27	29										596,779
CBP - Day Of	589	20	11	571	19	11	571	11	11										550,115
DBP	513	20	15	508	21	15	503	20											10,843
PDP (200 kW or above)	1,869	46	46	1,786	44	44	1,790	42	44										6,491
PDP (above 20 kW & below 200 kW)	2,525	1	5	2,501	1	4	2,499	1	4										385,886
PDP (20 kW or below)	160,151	7	23	158,251	7	22	156,925	7	22										
SmartRate <sup>™</sup> - Residential	125,895		38	126,778		38	132,779	36											N/A
Sub-Total Price Response	293,208	282			275	-	296,699	265			0	0	0	0	0	0	0	0	
Total All Programs	449,101	611	592	447,252	609	588	452,986	584	591	0	0	0	0	0	0	0	0	0	

<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 a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the reporting month, where the ex ante average load impact is a currently enrolled service accounts for the report of the r the average hourly load impact for an event that would occur from 1 - 6 pm on the system peak day of the month. The Extimated MW value for the aggregator programs, e.g., AMP and CBP are the monthly nominated MW during the event season May through October.

<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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post 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 month, where the explice accounts for the reporting month, where the e 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.

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, exoected customer mix durine events, exoected time of day which events occur, exoected 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 durine a specific DR program's operating season, based on 1-in-2 inormali weather conditions if all DR programs were called simultaneously on the system peak day. In either case, MW 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 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 and medium C&I customers is referred to as the voluntary CPP customers. The great majority of these service accounts are associated with a single business and medium C&I customers is referred to as the voluntary CPP customers. The great majority of these service accounts are associated with a single business and medium C&I customers is referred to as the voluntary CPP customers. days. These voluntary CPP participants inflate 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.

NOTE: The April 2015 ILP provides update to the AMP available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Ex Post Average Load Impacts. This updates the January, February and March data for the Ex Ante and Ex Post estimated MW and eliminates AMP-DA since it's no longer offered.

NOTE: The April 2015 ILP provides update to the PDP Eligible Accounts and Program Eligibility for Ex Ante and Ex Post Average Load Impacts. This updates the January, February and March data for the Ex Ante and Ex Post estimated MW and further differentiates the PDP customer size.

#### Pacific Gas and Electric Company Average Ex Ante Load Impact kW / Customer September 2015

#### Program Eligibility and Ex Ante Average Load Impacts

					Average	Ex Ante Lo	ad Impact I	W / Custon	ner					
													<sup>1</sup> Eligible Accounts as of	
Program	January	February	March	April	Mav	June	July	August	September	October	November	December	Jan 1. 2015	Eligibility Criteria (Refer to tariff for specifics)
BIP - Day Of	979.39	1045.67	1037.94	1165.99	1075.80	1165.67	1184.85	1211.97	1171.07	1142.09	1046.04	1008.01	10,843	This schedule is available to bundled-service, Community Choice Aggregatior (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 unde 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		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 <sup>™</sup> - 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 <sup>™</sup> - 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	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	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 thin 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		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. 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 partic (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 excep <u>NEMCCSF</u> .
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		A customer may participate in either the either the Day-Anlead Day-Contegotion. 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. 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 partie (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		This schedule is available to individual PG&E bundled-service customers, Community Choice Aggregation Service (CCA Service) customers, and Direc 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) ha 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
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		Default beginning on: May 1, 2010 for bundled C&I Customers >200kW Maximum Demand; February 1st, 2011 for large bundled Ag customers;
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	November 2014 for bundled C&I Customers with <200 kW Maximum Deman
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	and 12 consecutive months of interval data.
SmartRate <sup>™</sup> - 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	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, 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.

NOTE: The April 2015 ILP provides update to the PDP 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 September 2015

### Program Eligibility and Ex Post Average Load Impacts

					Average	Ex Post Lo	ad Impact	kW / Custo	omer				<sup>1</sup> Eligible	
													Accounts as of	
Program	January	February	March	April	May	June	July	August	September	October	November	December	Jan 1, 2015	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	-,	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		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 <sup>™</sup> - Commercial	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 <sup>™</sup> - Residential	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	Not Available	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	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.
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	323,726	and 12 consecutive months of interval data.
SmartRate <sup>™</sup> - 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.

NOTE: The April 2015 ILP provides update to the PDP Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts.

#### Table I-2 Pacific Gas and Electtric Company Program Subscription Statistics September 2015

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

2015		Ja	anuary			Fe	ebruary			М	larch				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 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	
AMP - Day Of		0.3	0.0	0.3		0.3	0.0	0.3		0.3	0.0	0.3		0.6	0.0	0.6		0.6	0.0	0.6		0.6	0.0	0.6
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		0.1	0.0	0.1		0.1	0.0	0.1
CBP - Day Of		3.8	0.0	3.8		3.8	0.0	3.8		3.8	0.0	3.8		4.1	0.0	4.1		4.1	0.0	4.1		4.1	0.0	4.1
DBP		0.0	0.0	0.0		0.0	0.0	0.0		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1
PDP		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1		0.2	0.0	0.2		0.2	0.0	0.2
SmartRate <sup>™</sup> - 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
SmartAC <sup>™</sup> - 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		
SmartAC <sup>™</sup> - 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		4.1	0.0	4.1		4.1	0.0	4.1		4.2	0.0	4.2		4.9	0.0	4.9		5.0	0.0	5.0		5.0	0.0	5.0
Interruptible/Reliability																								1
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		4.1	0.0	4.1		4.1	0.0	4.1		4.2	0.0	4.2		4.9	0.0	4.9		5.0	0.0	5.0		5.0	0.0	5.0
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		1		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				0.0	N/A	N/A	N/A	0.0	N/A	N/A	N/A

2015			July			A	ugust			Sep	tember			0	ctober			No	vember			De	cember	
	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified		Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	Technology	Identified	Verified	TI Verified	
Price Responsive	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs	MWs
AMP - Day Ahead		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												
AMP - Day Of		0.6	0.0	0.6		0.6	0.0	0.6		0.6	0.0	0.6												
CBP - Day Ahead		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1												
CBP - Day Of		4.1	0.0	4.1		4.1	0.0	4.1		4.8	0.0													1
DBP		0.1	0.0	0.1		0.1	0.0	0.1		0.1	0.0	0.1												1
PDP		0.2	0.0	0.2		0.3	0.0	0.3		0.3	0.0	0.3												
SmartRate™ - Residential		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												1
SmartAC™ - Commercial		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												1
SmartAC <sup>™</sup> - Residential		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												1
Total		5.0	0.0	5.0		5.2	0.0	5.2		5.8	0.0	5.8												
Interruptible/Reliability																								
BIP - Day of		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												
OBMC		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												1
SLRP		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												1
Total		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0												
Total Technology MWs		5.0	0.0	5.0		5.2	0.0	5.2		5.8	0.0	5.8												[
General Program											-	-		-	-		-	-			-			
TA (may also be enrolled in TI and AutoDR)	0.0				0.0				0.0															<b></b>
Total	0.0				0.0				0.0															1
Total TA MWs	0.0	N/A	N/A	N/A	0.0	N/A	N/A	N/A	0.0	N/A	N/A	N/A												

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

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

#### 2015-2016-Program Expenditures

													Year-to-Date 2015		Fundshift	Percent
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December		2-Year Funding <sup>5</sup>	Adjustments <sup>6</sup>	Funding
Category 1: Reliability Programs								5						Ŭ.	•	
Base Interruptible Program (BIP)	\$14,316	\$16,382	\$12,307	\$14,280	\$11,572	\$9,498	\$12,620	\$14,819	\$2,488				\$108,282	\$537,137		20.2%
Optional Bidding Mandatory Curtailment /																
Scheduled Load Reduction (OBMC / SLRP) <sup>10</sup>	\$1,276	\$1,084	\$4,139	\$2,391	\$1,645	(\$458)	\$655	\$2,736	(\$437)				\$13,032	\$304,304		4.3%
Budget Category 1 Total	\$15,592	\$17,466	\$16,446	\$16,671	\$13,217	\$9,040	\$13,276	\$17,555	\$2,051	\$0	\$0	\$0	\$121,314	\$841,441	\$0	14.4%
Category 2: Price-Responsive Programs																
Demand Bidding Program (DBP)	\$26,364	\$19,357	\$21,401	\$23,228	\$22,702	\$21,395	\$19,971	\$17,282	\$5,322				\$177,022	\$1,161,150		15.2%
Capacity Bidding Program (CBP)	\$22,405	\$21,934	\$22,215	\$28,775	\$22,983	\$18,680	\$23,704	\$27,349	\$12,517				\$200,561	\$4,887,754		4.19
SmartAC <sup>™ 7</sup>	\$354,042	(\$105,497)	\$221,492	\$211,583	\$183,198	\$438,497	(\$334,616)	\$1,583,742	\$452,397	<b>6</b> 0		<b>6</b> 0	\$3,004,837	\$13,336,338		22.5%
Budget Category 2 Total	\$402,811	(\$64,206)	\$265,109	\$263,585	\$228,882	\$478,572	(\$290,941)	\$1,628,372	\$470,236	\$0	\$0	\$0	\$3,382,420	\$19,385,242	\$0	17.4%
Category 3: DR Provider/Aggregator Managed Programs																
Aggregator Managed Portfolio (AMP)	\$24,689	\$24,692	\$25,477	\$30,704	\$27,926	\$22,464	\$26,984	\$28,711	\$15,298				\$226,945	\$944,506		24.0%
Budget Category 3 Total	\$24,689	\$24,692	\$25,477	\$30,704	\$27,926	\$22,464	\$26,984	\$28,711	\$15,298	\$0	\$0	\$0	\$226,945	\$944,506	\$0	24.0%
Category 4: Emerging & Enabling Programs																
Auto DR	\$47,963	\$142,314	\$90,079	\$48,782	\$294,074	\$119,902	\$224,114	\$123,288	\$390,581				\$1,481,097	\$17,870,739		8.3%
DR Emerging Technology	\$49,984	\$124,622	\$88,084	\$71,000	\$52,544	\$63,226	\$79,406	\$104,947	\$53,305				\$687,117	\$2,809,056		24.5%
Budget Category 4 Total	\$97,947	\$266,936	\$178,163	\$119,783	\$346,618	\$183,128	\$303,520	\$228,234	\$443,886	\$0	\$0	\$0	\$2,168,214	\$20,679,795	\$0	10.5%
Category 5: Pilots																
Supply Side Pilot	\$39,640	\$44,845	\$29,579	\$35,689	\$34,825	\$74,995	\$32,774	\$38,139	\$165,991				\$496,475	\$2,511,198		19.8%
T&D DR <sup>8</sup>	\$4,377	\$29,878	\$211,718	(\$16,487)	\$63,340	\$28,191	\$20,575	\$23,430	\$18,403				\$383,426	\$1,698,036		22.6%
Excess Supply	\$25,736	\$31,765	\$20,222	\$14,073	\$11,861	\$14,582	\$13,836	\$23,190	\$9,417				\$164,682	\$1,199,842		13.7%
Budget Category 5 Total	\$69,754	\$106,488	\$261,519	\$33,275	\$110,025	\$117,768	\$67,184	\$84,759	\$193,811	\$0	\$0	\$0	\$1,044,583	\$5,409,076	\$0	19.3%
Category 6: Evaluation, Measurement and Verification																
DRMEC	\$23,111	\$35,240	\$51,664	\$39,238	\$52,269	\$157,284	\$114,331	\$105,687	\$147,370				\$726,194	\$8,885,397		8.2%
Budget Category 6 Total	\$23,111	\$35,240	\$51,664	\$39,238	\$52,269	\$157,284	\$114,331	\$105,687	\$147,370	\$0	\$0	\$0	\$726,194	\$8,885,397	\$0	8.2%
Category 7: Marketing, Education and Outreach																
DR Core Marketing and Outreach <sup>1</sup>	\$55,709	\$64,299	\$110,417	\$84,978	\$72,904	\$204,677	\$60,537	(\$27,259)	\$225,858				\$852,121	\$9,142,336		38.8%
SmartAC <sup>™</sup> ME&O <sup>2</sup>	\$26,787	\$61,862	\$57,423	\$84,374	\$356,211	\$545,425	\$486,891	\$589,679	\$483,872				\$2,692,526			
Education and Training	\$5,243	\$5,721	\$13,675	\$45,787	\$8,473	\$11,752	\$13,346	\$8,710	\$7,855	<b>^</b>		<b>^</b>	\$120,563	\$529,889	<b>^</b>	22.8%
Budget Category 7 Total	\$87,740	\$131,882	\$181,516	\$215,140	\$437,588	\$761,855	\$560,775	\$571,131	\$717,585	\$0	\$0	\$0	\$3,665,211	\$9,672,225	\$0	37.9%
Category 8: DR System Support Activities																
InterAct / DR Forecasting Tool	\$222,309	\$249,258	\$360,215	\$200,974	\$319,285	\$184,796	\$259,460	\$232,732	\$234,253				\$2,263,281	\$9,974,090		22.7%
DR Enrollment & Support	\$223,684	\$174,511	\$223,363	\$224,668	\$294,135	\$159,312	\$206,023	\$242,842	\$350,867				\$2,099,405	\$10,874,287		19.3%
Notifications <sup>10</sup>	\$309,549	\$317,160	\$218,851	\$242,558	\$314,204	\$424,941	\$275,368	\$263,593	(\$2,379)				\$2,363,844	\$5,473,744		43.2%
DR Integration Policy & Planning	\$53,040	\$127,098	\$128,979	\$138,650	\$131,516	\$117,578	\$108,685	\$160,859	\$67,899				\$1,034,306	\$3,207,039		32.3%
Budget Category 8 Total	\$808,581	\$868,027	\$931,408	\$806,851	\$1,059,139	\$886,627	\$849,537	\$900,025	\$650,640	\$0	\$0	\$0	\$7,760,836	\$29,529,161	\$0	26.3%
Category 9: Integrated Programs and Activities																
(Including Technical Assistance)																
Technology Incentives - IDSM <sup>3</sup>	\$3,140	\$2,759	\$2,679	\$2,975	\$64,953	\$66,026	\$64,587	\$67,936	\$61,964				\$337,019	\$4,051,540		8.3%
Integrated Energy Audits <sup>3</sup>	\$5,800	\$7,168	\$37,312	\$168,712	\$38,109	\$141,981	\$10,989	\$55,879	\$207,843				\$673,792	\$2,550,462		26.4%
Budget Category 9 Total	\$8,939	\$9,927	\$39,990	\$171,687	\$103,062	\$208,007	\$75,576	\$123,815	\$269,807	\$0	\$0	\$0	\$1,010,811	\$6,602,002	\$0	15.3%
Category 10: Special Projects																
Permanent Load Shifting	\$21,065	\$29,992	\$41,162	\$51,341	\$38,551	\$24,749	\$39,662	\$48,537	\$47,039				\$342,099	\$10,128,288	(\$100,000)	3.4%
Demand Response Auction Mechanism Pilot <sup>9</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$5,699	\$6,562	\$5,592				\$17,852	\$0	\$100,000	
Budget Category 10 Total	\$21,065	\$29,992	\$41,162	\$51,341	\$38,551	\$24,749	\$45,361	\$55,099	\$52,631	\$0	\$0	\$0	\$359,951	\$10,128,288	\$0	3.6%
																1
Recovery of DR-related capital costs prior to 2009 (for interval metering																1
as authorized in D.06-03-024/D.06-11-049); and, additionally, for the																1
HAN Integration project (as authorized in D.12-04-045).	\$264,020	\$261,814	\$293,341	\$270,988	\$270,250	\$269,465	\$275,754	\$274,993	\$274,231				\$2,454,856		\$0	N/A
Total Incremental Cost <sup>4</sup>	\$1,824,250	\$1.688.258	\$2,285,795	\$2.019.263	\$2.687.529	\$3,118,957	\$2.041.357	\$4.018.381	\$3,237,545	\$0	\$0	\$0	\$22,921,334	\$112,077,133	\$0	20.5%
Total Incremental Cost	\$1,024,20U	\$1,000,200	\$2,285,795	φ <u>2</u> ,019,203	\$2,007,529	\$3,110,937	\$2,041,357	\$4,018,381	\$3,237,040	\$U	\$U	φU	\$22,321,334	\$112,077,133	ψŪ	20.07

<sup>1</sup> 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. August credit is due to reclassification of contracts.

<sup>2</sup> 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. <sup>3</sup> 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.

<sup>4</sup> Total Incremental Cost excludes incentives. Incentives are reported on Table I-5.

<sup>5</sup> 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.

<sup>6</sup> See the Fund Shift Log 2015-16 for explanations.

<sup>7</sup> February credit is the result of a reversal of an accrual made in January. July credit is due to erroneous accrual reversals. Adjustments will be made in August.

<sup>8</sup> The April credit is attributable to adjustments of prior months' financials.

<sup>9</sup> Resolution E-4728 provides approval with modification, to the Advice Letter 4618-E, which proposes DRAM cost cap to \$4 Million.

<sup>10</sup> September credit is attributable to adjustments of prior month's financials.

### Table I-4 Pacific Gas and Electric Company Interruptible and Price Responsive Programs Year-to-Date Event Summary September 2015

Status         Bandback         <	Program Category	Program Name	Month	Zones <sup>1</sup>	Event Date	Event No. (by Program Type)	Program Type	Trigger	# of Accounts	Event Start Time (PDT)	Event End Time (PDT)	Program Tolled Hours	Load Reduction MW (Max Hourly) <sup>23</sup>
Instrument Name													
Image: Section of the sectio	Category 1: Reliability Programs		CEDDUADY	Catan	0/11/2015	4	Day Of	Do doot	45	2-00 DM	4.00 PM	0	Dedeated
Impartment Partial Part				· ·									
Sec. Bids generation control back in the second of the second o													
Barden Ling Barden Ling Barden Diger, 1997         N		Base Interruptible Program (BIP)	JULY	System	7/30/2015	3	Day Of	lest	204	3:00 PM	7:00 PM	4	243.1
Control Description (C)         Abit         Number         4000         1.         No. M         Monte         50         1000         1000         4.         Reserve           Control Description (C)         Abit         No. MARIA         Control Description (C)         Abit         No. MARIA         Control Description (C)         No. Maria         Sign (C)         Sign (C)         Sign (C)         Sign (C)         No. Maria         Sign (C)         Sign (C)         No. Maria         Sign (C)         Sign (C)         Sign (C)         No. Maria         Sign (C)         Sign (C)         Sign (C)         No. Maria         Sign (C)         Sign (C)         No. Maria         Sign (C)			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Speech Holey Company (D)*         Alf         Part Carlot S         Control Model         Control Model <thcontrol< td=""><td>Category 2: Price-Responsive Programs</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thcontrol<>	Category 2: Price-Responsive Programs												
Care biols biols page (207)         JAE         Series         9/2020         1         DS Note         Note         1         3/20%         1/20%         4         Notes           Cares biols page (207)         JAE         Series         Cares biols page (207)         JAF         Nate         Sate (207)         Sate (207		Capacity Bidding Program (CBP) <sup>3</sup>	JUNE	System	6/8/2015	5 1	Day Of	Heat Rate	508	3:00 PM	7:00 PM	4	Redacted
Sente bings bings (10)*       OHE       Beam       60000       3.       No.00       with an       6000       6100       7070       7.4       Manual         Construction       ABE       Senter       60000       2.       Senter       60000       2.       Senter       60000       4.0       Senter       60000       6.0       Senter       60000       6.0       Senter       60000       6.0       Senter       60000       6.0       Senter       6.00       Senter		Capacity Bidding Program (CBP) <sup>3</sup>		Fresno, Humboldt	6/9/2015	2	Day Of	Heat Rate	63	2:00 PM	7:00 PM	5	Redacted
Control binks Program (2017)         JPC         Span		Capacity Bidding Program (CBP) <sup>3</sup>		System		5 1	Day Ahead	Heat Rate		3:00 PM		4	Redacted
Direct binstrymery (DP)         AM         Span         George binstrymery (DP)         AM         Span         TOTOL         Composition (DP)         AM         Span         TOTOL         Composition (DP)         AM         Span         TOTOL         Composition (DP)         AM         Span		Capacity Bidding Program (CBP) <sup>3</sup>		System		0	Day Of	Heat Rate				4	Redacted
Constructions (non-constructions)         Descriptions (non-constructions)         Source (non-constructions) <td></td> <td>Capacity Bidding Program (CBP)<sup>3</sup></td> <td>JUNE</td> <td>System</td> <td>6/25/2015</td> <td>2</td> <td>Day Ahead</td> <td>Heat Rate</td> <td>175</td> <td>3:00 PM</td> <td>7:00 PM</td> <td>4</td> <td>Redacted</td>		Capacity Bidding Program (CBP) <sup>3</sup>	JUNE	System	6/25/2015	2	Day Ahead	Heat Rate	175	3:00 PM	7:00 PM	4	Redacted
State A bean Argung (EPF)         IAM         Span         Wards         Var Da		Capacity Bidding Program (CBP) <sup>3</sup>	JUNE	System	6/25/2015	i 4	Day Of	Heat Rate	508	3:00 PM	7:00 PM	4	Redacted
Schenn beschaftigung (11)*         All         Data         Data         Open         Number         Description         Constrained         Constrained         Description         Description <thdescription< <="" td=""><td></td><td>Capacity Bidding Program (CBP)<sup>3</sup></td><td>JUNE</td><td>System</td><td>6/26/2015</td><td>3</td><td>Day Ahead</td><td>Heat Rate</td><td>175</td><td>3:00 PM</td><td>7:00 PM</td><td>4</td><td>Redacted</td></thdescription<>		Capacity Bidding Program (CBP) <sup>3</sup>	JUNE	System	6/26/2015	3	Day Ahead	Heat Rate	175	3:00 PM	7:00 PM	4	Redacted
Control besch besch geneg (m)         AAE         Symm         Genomic besch         Genomic bes			JUNE	System	6/26/2015	5	Day Of	Heat Rate	508	3:00 PM	7:00 PM	4	Redacted
Component program (DP)         Ait         Space         Space         Number of the space												4	
Component program (DP)         AV         Data         Data         TOTOR         5.         Day Method         Han Rate         Hill         Han Rate         Han Ra												4	
Cases, Bases, Bases, Bases, Pager, Carl,         AV         Seture         TOTOS         7         Day, O         walk frags         Solid         AU         Bested           Cases, Bases, Bases, Pager, Carl,         AV         Seture         Cases, Bases, Pager, Carl,         AV         Seture         Totol Cases, Bases, Pager, Carl,         AV         Seture         Pager, Seture, Pager, Carl,         AV         Seture         Totol Cases, Pager, Pager, Carl,         AV         Seture         Totoor         A         Seture						5						4	
Length Statesy Program (EP)*         A.Y         Constructure flag (projection)         7/16/25         6         Cay Areas         Inst Brain         7/16         A.R         Processing         Pr					7/1/2015								
Deputy Boding Program (DBP)         JLY         Ans Proving North Costs, Sim Proving North Proving No			JULY	Central Coast, East Bay (Bay Area), Fresno, Los Padres, North Coast, San Francisco (Bay Area), Peninsula (Bay Area), South Bay (Bay		6			126			3	
Capachy biddy Poyart (2P)         A.Y.V         Sprim         7720215         9         Diry G         Het Ruis         613         33.07 H         7007 H         4         Redecide           Loadin biddy Poyart (2P)         A.I.V         Sprim         7720215         10         Diry G         Het Ruis         613         30.07 H         7007 H         4         Redecide           Capachy biddy Poyart (2P)         A.I.V         Sprim         7720215         10         Diry Area         Het Ruis         613         30.07 H         7007 H         4         Redecide           Capachy biddy Poyart (2P)         A.I.V         Sprim         9770215         11         Diry Area         Het Ruis         613         30.07 H         7007 H         4         Redecide           Capachy biddy Poyart (2P)         A.I.SIT         Sprim         9770215         12         Diry Area         Het Ruis         503         30.07 H         7007 H         4         Redecide           Capachy biddy Poyart (2P)         A.I.SIT         Sprim         9770215         12         Diry Area         Het Ruis         503         30.07 H         4         Redecide           Capachy biddy Poyart (2P)         A.I.SIT         Sprim         5707014         A				Los Padres, North Coast, San Francisco (Bay Area), Peninsula (Bay Area), South Bay (Bay		8							
Lend         Capabri Mode Program (GP)         A.Y.         System         7202015         B.         Day G         Met Rube         653         330 PM         7300 PM         4.         Reduced           Capabri Mode Program (GP)         A.V.         System         7202015         10         Day GM         463         300 PM         700 PM         4.         Reduced           Capabri Mode Program (GP)         A.V.         System         7202015         10         Day And         403         300 PM         700 PM         4.         Reduced           Capabri Mode Program (GP)         A.V.         System         9702015         11         Day And         Hear Rub         403         300 PM         700 PM         4.         Reduced           Capabri Mode Program (GP)         A.V.GST         System         9710215         12         Day And         Hear Rub         503         300 PM         700 PM         4.         Reduced           Capabri Mode Program (GP)         A.V.GST         System         971021         12         Day Anad         Hear Rub         503 OPM         700 PM         4         Reduced           Capabri Mode Program (GP)         A.V.GST         System         620215         12         Day Anad		Capacity Bidding Program (CBP) <sup>3</sup>	JULY	System	7/28/2015	7	Day Ahead	Heat Rate	181	3:00 PM	7:00 PM	4	Redacted
Control Biolog Rogan (2017)         JJ.Y         Spann         7720215         10         Pg (7         test Ban         0.03         3.01 PM         770.PM         4         Redenter           Coundb Biolog Rogan (2017)         JJ.Y         System         770.0015         1         Day (7)         Net Ban         0.03         3.01 PM         770.PM         4         Redeated           Coundb Biolog Rogan (2017)         AUQST         System         9702015         11         Day (7)         Net Ban         0.03         3.01 PM         770.PM         4         Redeated           Coundb Biolog Rogan (2017)         AUQST         System         9170215         12         Day (7)         Net Ban         2.00         3.00 PM         770.PM         4         Redeated           Coundb Biolog Rogan (2017)         AUQST         System         9170215         11         Day (And Ban         2.00 PM         7.00 PM         4         Redeated           Coundb Biolog Rogan (2017)         AUQST         System         9102015         11         Day (And Ban         2.00 PM         2.00 PM         7.00 PM         4         Redeated           Coundb Biolog Rogan (2017)         AUQST         System         9202015         11         Day Aneed Hate Ban <td></td> <td></td> <td>JULY</td> <td>System</td> <td>7/28/2015</td> <td>9</td> <td>Day Of</td> <td>Heat Rate</td> <td>633</td> <td>3:00 PM</td> <td>7:00 PM</td> <td>4</td> <td>Redacted</td>			JULY	System	7/28/2015	9	Day Of	Heat Rate	633	3:00 PM	7:00 PM	4	Redacted
Image: Basing Dagan (SaP)       ALV       System       720275       9.0       9070       9187.84       433       20.978       73.978       4.0       Reduced         Image: Basing Dagan (SaP)       ALV       System       7302075       9.0       907.978       4.0       Reduced         Image: Basing Dagan (SaP)       ALVS       System       9170275       10       0.9748       Hat Basin       503       30.974       7.07.074       4.0       Reduced         Image: Dagan (SaP)       ALVST       System       9170275       11       0.9748       Hat Basin       502       30.974       7.07.074       4.0       Reduced         Image: Dagan (SaP)       ALVST       System       9170275       11       0.97.44       Hat Basin       502       30.974       7.07.074       4.0       Reduced         Image: Dagan (SaP)       ALVST       System       9120275       11       0.97.44       Hat Basin       502       30.974       7.07.074       4.0       Reduced         Image: Dagan (SaP)       ALVST       System       922075       114       0.97.44       Hat Basin       50.07       7.07.07       4.0       Reduced         Image: Dagan (SaP)       ALVST       System       <			JULY	System	7/29/2015	8	Day Ahead	Heat Rate	181	3:00 PM	7:00 PM	4	Redacted
Capacy Eddor, Program, CEP)         A.V         System         702015         9         Day Meet Nee Rale         101         0.0014         70.070         4         Redected           Capacy Eddor, Program, CEP)         AUX         System         0.107015         10         Day Meet Nee Rale         0.03         0.0014         70.070         4         Redected           Capacy Eddor, Program, CEP)         AUX31         System         0.107015         12         Day Ort         Hee Rale         0.0014         70.070         4         Redected           Capacy Eddor, Program, CEP)         AUX31         System         0.102015         13         Day And         Hee Rale         0.0014         70.070         4         Redected           Capacy Eddor, Program, CEP)         AUX31         System         0.502015         14         Day Ort         Hee Rale         0.0014         70.070         4         Redected           Capacy Eddor, Program, CEP)         AUX31         System         0.502015         13         Day And         Hee Rale         0.0014         7.0704         4         Redected           Capacy Eddor, Program, CEP)         AUX31         System         0.502015         13         Day And         Hee Rale         0.0014			JULY	System	7/29/2015	10	Day Of	Heat Rate	633	3:00 PM	7:00 PM	4	Redacted
Capacy Bidding Program (EBP)         AUX         System         7702015         11         Day / Mot         Heak Rab         GG3         30.07M         770.70         4         Reduced           Capacy Bidding Program (EBP)         AUGIST         System         61707015         10         Day / Andi         Heak Rab         C00         30.07M         770.70         4         Reduced           Capacy Bidding Program (EBP)         AUGIST         System         61707015         10         Day / Andi         Heak Rab         C00         30.07M         770.70         4         Reduced           Capacy Bidding Program (EBP)         AUGIST         System         517015         10         Day / Andi         Heak Rab         C00         30.07M         770.70         4         Reduced           Capacy Bidding Program (EBP) <sup>+</sup> AUGIST         System         50.20715         13         Day / Andi         Heak Rab         C00         30.07M         7.070 H         4         Reduced           Capacy Bidding Program (EBP) <sup>+</sup> AUGIST         System         50.20715         13         Day / Andi         Heak Rab         C00         30.07M         7.070 H         4         Reduced           Capacy Bidding Program (EBP) <sup>+</sup> AUGIST		Capacity Bidding Program (CBP) <sup>3</sup>	JULY	System	7/30/2015	9	Day Ahead	Heat Rate	181	3:00 PM	7:00 PM	4	Redacted
Cauch: Bister Proving USP)*         AUGST         System         0 17205         12         Dry O         Feed Bale         38         3.0 PM         7.00 PM         4         Redacted           Cauch: Bister Program (GSP)*         AUGST         System         0 1902015         11         Dry Awad         Year Rale         58         3.00 PM         7.00 PM         4         Redacted           Cauch: Bisting Program (GSP)*         AUGST         System         0 1902015         11         Dry Awad         Year Rale         58         3.00 PM         7.00 PM         4         Redacted           Cauch: Bisting Program (GSP)*         AUGST         System         0 202015         12         Dry Awad         Year Rale         58         3.00 PM         7.00 PM         4         Redacted           Cauch: Bisting Program (GSP)*         AUGST         System         0 202015         14         Dry O         Year Rale         58         3.00 PM         7.00 PM         4         Redacted           Cauch: Bisting Program (GSP)*         AUGST         System         0 202015         15         Dry O         Year Rale         58         3.00 PM         7.00 PM         4         Redacted           Cauch: Bisting Program (GSP)*         SSTEMER         S			JULY	System	7/30/2015	11	Day Of	Heat Rate	633	3:00 PM	7:00 PM	4	Redacted
Image: Control (CBP)         AUGIST         System         8170215         12         Dry O         Heat Ratu         588         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP)         AUGIST         System         8192015         11         Dry Awak         Heat Ratu         500         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP)         AUGIST         Freeo, Los Patries, North Valley, Sarsmeth         8720215         12         Dry Awad         Heat Ratu         58         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP) <sup>1</sup> AUGIST         System         8720215         14         Dry O         Heat Ratu         58         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP) <sup>1</sup> AUGIST         System         8720215         15         Dry Awad         Heat Ratu         58         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP) <sup>1</sup> AUGIST         System         872015         15         Dry Awad         Heat Ratu         58         30.0PU         7.00 PU         4         Redacted           Canach Bidding Porgum (CBP) <sup>1</sup> <t< td=""><td></td><td>Capacity Bidding Program (CBP)<sup>3</sup></td><td>AUGUST</td><td>System</td><td>8/17/2015</td><td>10</td><td>Day Ahead</td><td>Heat Rate</td><td>200</td><td>3:00 PM</td><td>7:00 PM</td><td>4</td><td>Redacted</td></t<>		Capacity Bidding Program (CBP) <sup>3</sup>	AUGUST	System	8/17/2015	10	Day Ahead	Heat Rate	200	3:00 PM	7:00 PM	4	Redacted
Dipsolv Bidding Program (CBP) <sup>1</sup> AUGUST         Spatem         919/2015         13         Day Of         Heat Rale         569         20.0 PM         4         Restacted           Capachy Bidding Program (CBP) <sup>1</sup> AUGUST         Freeo, Los Padres, North Valley, Sacramento Valley, Serra, San Joaquin, Stoch         8.55/2015         12         Day Ahead         Heat Rale         96         3.00 PM         7.00 PM         4         Redacted           Capachy Bidding Program (CBP) <sup>1</sup> AUGUST         Spatem         8.55/2015         14         Day Of         Heat Rale         568         3.00 PM         7.00 PM         4         Redacted           Capachy Bidding Program (CBP) <sup>1</sup> AUGUST         Spatem         827/2015         15         Day Of         Heat Rale         568         3.00 PM         7.00 PM         4         Redacted           Capachy Bidding Program (CBP) <sup>1</sup> AUGUST         System         920215         15         Day Of         Heat Rale         568         3.00 PM         7.00 PM         4         Redacted           Capachy Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         920215         15         Day Of         Heat Rale         595         3.00 PM         7.00 PM         4         Redacted			AUGUST	System	8/17/2015	12	Day Of	Heat Rate	589	3:00 PM	7:00 PM	4	Redacted
Capacity Bidding Program (CBP) <sup>1</sup> AUGLIT         System         09/2015         13         Day Of         Healt Rate         958         30.0P         70.0PM         4         Redicted           Cupacity Bidding Program (CBP) <sup>1</sup> AUGLIT         Freeno, Los Patres, North Waley, Sorzmenth Waley, Sisram, Sam Joaquin, Stockhom         805/2015         12         Day Ahead         Heat Rate         96         30.0PM         70.0PM         4         Redicted           Capacity Bidding Program (CBP) <sup>1</sup> AUGLIT         System         805/2015         14         Day Of         Heat Rate         568         30.0PM         70.0PM         4         Redicted           Capacity Bidding Program (CBP) <sup>1</sup> AUGLIT         System         805/2015         15         Day Of         Heat Rate         568         30.0PM         70.0PM         4         Redicted           Capacity Bidding Program (CBP) <sup>1</sup> AUGLIT         System         802/2015         15         Day Of         Heat Rate         568         30.0PM         70.0PM         4         Redicted           Capacity Bidding Program (CBP) <sup>1</sup> AUGLIT         System         99/2015         16         Day Of         Heat Rate         518         30.0PM         70.0PM         4         Redicted <td></td> <td>Capacity Bidding Program (CBP)<sup>3</sup></td> <td>AUGUST</td> <td>System</td> <td>8/18/2015</td> <td>11</td> <td>Day Ahead</td> <td>Heat Rate</td> <td>200</td> <td>3:00 PM</td> <td>7:00 PM</td> <td>4</td> <td>Redacted</td>		Capacity Bidding Program (CBP) <sup>3</sup>	AUGUST	System	8/18/2015	11	Day Ahead	Heat Rate	200	3:00 PM	7:00 PM	4	Redacted
Capacity Bidding Program (CBP) <sup>3</sup> AUGUST Valley, Serra, San Joaquin, Sbotton         8 262015         12         Day Ahead         Heat Rate         96         3:00 PM         7:00 PM         4         Redected           Capacity Bidding Program (CBP) <sup>3</sup> AUGUST         System         8262015         14         Day O/L         Heat Rate         56         3:00 PM         7:00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> AUGUST         System         8272055         15         Day Ahead         Heat Rate         568         3:00 PM         7:00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> AUGUST         System         9272055         15         Day Ahead         Heat Rate         568         3:00 PM         7:00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> SEPTEMBER         System         992015         16         Day Ahead         Heat Rate         571         3:00 PM         7:00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> SEPTEMBER         System         9120215         17         Day Ahead         Heat Rate         571         3:00 PM         7:00 PM         4         Redacted           Capacity Bi					8/18/2015	13	Day Of					4	Redacted
Check Discrete         Check Discrete <thcheck discrete<="" th="">         Check Di</thcheck>				Fresno, Los Padres, North Valley, Sacramento	8/26/2015							4	
Image: Capacy Badding Program (CBP) <sup>1</sup> AUGUST         System         8272015         13         Day Ahad         Heat Rate         200         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         992015         16         Day Ahad         Heat Rate         198         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         992015         16         Day Ahad         Heat Rate         171         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         99102015         17         Day Ahad         Heat Rate         571         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         9102015         17         Day Ahad         Heat Rate         571         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91102015         18         Day Ahad         Temperature         58         3.00 PM         7.00 PM         4         Redacted           Demand Bid		Capacity Bidding Program (CBP) <sup>3</sup>	AUGUST	System	8/26/2015	14	Day Of	Heat Rate				4	
Image: Capacity Biology Program (CBP) <sup>1</sup> AUGUST         System         89727015         15         Dwy Ch         Heat Rate         588         3.00 PM         7.00 PM         4.0         Redacted           Capacity Biology Program (CBP) <sup>1</sup> SEPTEMBER         System         992015         16         Day Abad         Heat Rate         198         3.00 PM         7.00 PM         4.0         Redacted           Capacity Biology Program (CBP) <sup>1</sup> SEPTEMBER         System         9102015         17         Day Abad         Heat Rate         198         3.00 PM         7.00 PM         4.0         Redacted           Capacity Biology Program (CBP) <sup>1</sup> SEPTEMBER         System         91102015         17         Day Abad         Heat Rate         198         3.00 PM         7.00 PM         4.0         Redacted           Capacity Biology Program (CBP) <sup>1</sup> SEPTEMBER         System         91112015         18         Day Abad         Heat Rate         508         3.00 PM         7.00 PM         4.0         Redacted           Capacity Biology Program (CBP) <sup>1</sup> JANE         System         6122015         1         Day Abad         Temperature         53         3.00 PM         7.00 PM         8.0         Redacted           Ca						13	Day Ahead	Heat Rate				4	Redacted
Image: Capacity Bidding Program (CBP) <sup>1</sup> SPTEMBER         System         99/2015         16         Day Abad         Heat Rate         198         33.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91/02/15         17         Day Abad         Heat Rate         158         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91/02/15         17         Day Abad         Heat Rate         158         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91/12/015         18         Day Abad         Heat Rate         558         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> J.WE         System         91/12/015         18         Day Abad         Temperature         53         4.00 PM         50         Redacted           Capacity Bidding Program (DBP) <sup>1</sup> J.WE         System         67/22/015         2         Day Abad         Temperature         53         4.00 PM         9.00 PM         8         Redacted           Capacity Bidding Program (DBP) <sup></sup>			AUGUST	System	8/27/2015	15	Day Of	Heat Rate	589	3:00 PM	7:00 PM	4	Redacted
Image: Capacy Bidding Program (BP) <sup>1</sup> SPTEMBER         System         9902015         16         Dg V1         Head Rate         571         3.0.0 PM         7.0.0 PM         4.         Redacted           Capacity Bidding Program (GBP) <sup>1</sup> SEPTEMBER         System         91102015         177         Day Ahead         Head Rate         158         3.0.0 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (GBP) <sup>1</sup> SEPTEMBER         System         91112015         18         Day Ahead         Head Rate         198         3.0.0 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (GBP) <sup>1</sup> SEPTEMBER         System         91112015         18         Day Ahead         Head Rate         198         3.0.0 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (GBP) <sup>1</sup> JNE         System         91122015         1         Day Ahead         Temperature         6.6         2.00 PM         900 PM         8.         Redacted           Capacity Bidding Program (GBP) <sup>1</sup> JNE         System         66252015         2         Day Ahead         Temperature         6.6         2.00 PM         8.00 PM         8.         Redacted           De			SEPTEMBER	System	9/9/2015	16	Day Ahead	Heat Rate	198	3:00 PM	7:00 PM	4	Redacted
Image: Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         9102015         17         Day Ahead         Heat Rate         118         3.00 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91102015         18         Day Ahead         Heat Rate         571         3.00 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> SEPTEMBER         System         91112015         18         Day Ahead         Heat Rate         508         3.00 PM         7.00 PM         4.         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> JUNE         System         6122015         1         Day Ahead         Temperature         6.6         2.00 PM         4.00 PM         8.         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         66252015         3         Day Ahead         Temperature         4.6         1.00 PM         9.00 PM         8.         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         67202015         3         Day Ahead         Temperature         4.6         1.00 PM         9.00 PM         8.         Redacted           Demand			SEPTEMBER	System	9/9/2015	16	Day Of	Heat Rate	571	3:00 PM	7:00 PM	4	Redacted
Image: Capacity Bidding Program (CBP) <sup>3</sup> SEPTEMBER System         System         9/10/2015         17         Day / Heat Rate         571         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> SEPTEMBER System         System         9/11/2015         18         Day / Need         Heat Rate         198         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>3</sup> SEPTEMBER System         System         9/11/2015         18         Day / OH         Heat Rate         518         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (DBP) <sup>1</sup> JUNE         System         6/12/2015         1         Day Ahead         Temperature         63         4.00 PM         9.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         6/22/015         3         Day Ahead         Temperature         64         10.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         7/1/2015         Day Ahead         Temperature         61         10.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         S			SEPTEMBER	System	9/10/2015	17	Day Ahead	Heat Rate	198	3:00 PM	7:00 PM	4	Redacted
Capacity Bidding Program (DBP) <sup>1</sup> SEPTEMBER         System         9/11/2015         18         Day / Heat Rate         508         3:00 PM         7:00 PM         4         Redacted           L         Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         61/22/015         1         Day Ahead         Temperature         5:3         4:00 PM         9:00 PM         5         Redacted           L         Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         6:26/2015         3         Day Ahead         Temperature         6:6         2:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         6:26/2015         3         Day Ahead         Temperature         6:4         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         7:1/2015         5         Day Ahead         Temperature         6:1         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         7:2/2015         6         Day Ahead         Temperature         5:3         2:00 PM         10:00 PM         8         Redacted           Demand Bi		Capacity Bidding Program (CBP) <sup>3</sup>	SEPTEMBER	System	9/10/2015	17	Day Of	Heat Rate	571	3:00 PM	7:00 PM	4	Redacted
Image: Capacity Bidding Program (CBP) <sup>1</sup> EPFTEMBER         System         911/2015         18         Day Of         Heat Rate         508         3.00 PM         7.00 PM         4         Redacted           Capacity Bidding Program (CBP) <sup>1</sup> JUNE         System         61/22015         1         Day Ahead         Temperature         66         2.00 PM         9.00 PM         6.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         62/20015         3         Day Ahead         Temperature         64         1.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         62/20015         3         Day Ahead         Temperature         64         1.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         7/1/2015         5         Day Ahead         Temperature         63         2.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUY         System         7/1/2015         5         Day Ahead         Temperature         53         2.00 PM         10.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUY         System         7		Capacity Bidding Program (CBP) <sup>3</sup>	SEPTEMBER	System	9/11/2015	18	Day Ahead	Heat Rate	198	3:00 PM	7:00 PM	4	Redacted
Image: System         6/12/2015         1         Day Ahead         Temperature         5.3         4.00 PM         9.00 PM         5.0         Redacted           Control         Demand Bidding Program (DBP) <sup>1</sup> J.NE         System         66/25/2015         2.0         Day Ahead         Temperature         66         2.00 PM         10.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> J.NE         System         66/25/2015         3.0         Day Ahead         Temperature         64         10.00 PM         9.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> J.UNE         System         71/2015         5         Day Ahead         Temperature         61         10.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> J.U.Y         System         7/22015         6         Day Ahead         Temperature         61         2.00 PM         9.00 PM         8.0         Redacted           Demand Bidding Program (DBP) <sup>1</sup> J.U.Y         System         7/22015         7         Day Ahead         Temperature         61         2.00 PM         9.00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>1</sup> J.U.Y         System			SEPTEMBER	System	9/11/2015	18	Day Of	Heat Rate	508	3:00 PM	7:00 PM	4	Redacted
Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         66/252015         2         Day Ahead         Temperature         66         200 PM         10.00 PM         8         Redacted           Lemand Bidding Program (DBP) <sup>1</sup> JUNE         System         66/20015         3         Day Ahead         Temperature         44         100 PM         80 PM         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUNE         System         66/20015         5         Day Ahead         Temperature         72         10.00 PM         80 PM         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         77/12015         5         Day Ahead         Temperature         61         10.00 PM         80 PM         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         72/2015         F         Day Ahead         Temperature         53         200 PM         10.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         72/2015         Day Ahead         Temperature         55         200 PM         10.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         81/12015         D<			JUNE	System	6/12/2015	j 1	Day Ahead	Temperature	53	4:00 PM	9:00 PM	5	Redacted
Image: Demand Bidding Program (DBP) <sup>1</sup> UNE         System         66/202015         3         Day Ahead         Temperature         44         1:00 PM         9:00 PM         8         Redacted           Command Bidding Program (DBP) <sup>1</sup> JUNE         System         6/30/2015         4         Day Ahead         Temperature         61         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         7:72/2015         5         Day Ahead         Temperature         63         2:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         7:72/202015         6         Day Ahead         Temperature         53         2:00 PM         10:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JULY         System         77/29/2015         9         Day Ahead         Temperature         56         2:00 PM         10:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         81/82/015         10         Day Ahead         Temperature         55         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program			JUNE	System	6/25/2015	2	Day Ahead		66	2:00 PM	10:00 PM	8	Redacted
Demand Bidding Program (DBP) <sup>3</sup> JUNE         System         65302015         4         Day Ahead         Temperature         72         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> JULY         System         71/2015         5         Day Ahead         Temperature         61         100 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> JULY         System         7/22015         6         Day Ahead         Temperature         61         100 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> JULY         System         7/22015         7         Day Ahead         Temperature         61         2:00 PM         10:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> JULY         System         8172016         9         Day Ahead         Temperature         61         2:00 PM         9:00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         81782015         10         Day Ahead         Temperature         55         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         <				System			Day Ahead		44	1:00 PM		8	Redacted
Image: Demand Bidding Program (DBP) <sup>1</sup> JUV         System         7/12015         5         Day Ahead         Temperature         61         1.00 PM         9.00 PM         8.         Redacted           Command Bidding Program (DBP) <sup>1</sup> JUV         System         7/282015         6         Day Ahead         Temperature         55         2.00 PM         10.00 PM         8.         Redacted           Demand Bidding Program (DBP) <sup>1</sup> JUV         System         7/282015         7         Day Ahead         Temperature         55         2.00 PM         10.00 PM         8.         Redacted           Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         7/282015         9         Day Ahead         Temperature         61         2.00 PM         9.00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         81/12015         9         Day Ahead         Temperature         65         1.00 PM         9.00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         81/12015         10         Day Ahead         Temperature         51         3.00 PM         9.00 PM         6         Redacted           Demand Bidding Program (DBP			JUNE	System	6/30/2015	4	Day Ahead	Temperature	72	1:00 PM	9:00 PM	8	Redacted
Demand Bidding Program (DBP) <sup>3</sup> JULY         System         7/28/2015         6         Day Ahead         Temperature         S3         2.00 PM         10.00 PM         8         Redacted           Learned Bidding Program (DBP) <sup>3</sup> JULY         System         7/28/2015         7         Day Ahead         Temperature         56         2.00 PM         10.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/17/2015         9         Day Ahead         Temperature         56         2.00 PM         9.00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/17/2015         9         Day Ahead         Temperature         55         1.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/12/2015         10         Day Ahead         Temperature         51         3.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/26/2015         8         Day Ahead         Temperature         51         2.00 PM         9.00 PM         6         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         Sy				System		5	Day Ahead					8	Redacted
Demand Bidding Program (DBP) <sup>1</sup> JULY       System       7728/2015       7       Day Ahead       Temperature       56       2.00 PM       10.00 PM       8       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/17/2015       9       Day Ahead       Temperature       61       2.00 PM       9.00 PM       7       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/18/2015       10       Day Ahead       Temperature       61       2.00 PM       9.00 PM       8       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/18/2015       10       Day Ahead       Temperature       55       1.00 PM       9.00 PM       8       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/26/2015       8       Day Ahead       Temperature       51       3.00 PM       9.00 PM       6       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/27/2015       9       Day Ahead       Temperature       51       2.00 PM       9.00 PM       4       Redacted         Demand Bidding Program (DBP) <sup>1</sup> AUGUST       System       8/27/2015       10       Day Ahead       T						6		Temperature	53			8	
Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         B/172015         9         Day Ahead         Temperature         61         2:00 PM         9:00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/182015         10         Day Ahead         Temperature         55         1:00 PM         9:00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/182015         10         Day Ahead         Temperature         55         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/26/2015         8         Day Ahead         Temperature         51         2:00 PM         9:00 PM         6         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/27/2015         9         Day Ahead         Temperature         51         2:00 PM         9:00 PM         7         Redacted           Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/27/2015         9         Day Ahead         Temperature         51         2:00 PM         9:00 PM         7         Redacted           Demand Bidding Program (DB						7			56			8	
Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/18/2015       10       Day Ahead       Temperature       55       1.00 PM       9.00 PM       8       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       Fresno, Los Padres, North Valley, Sacramento Valley, Sierra, San Joequin, Stockton       8/26/2015       8       Day Ahead       Temperature       15       3:00 PM       9:00 PM       6       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/27/2015       9       Day Ahead       Temperature       51       2:00 PM       9:00 PM       7       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/27/2015       9       Day Ahead       Temperature       51       2:00 PM       9:00 PM       7       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/29/2015       10       Day Ahead       Temperature       54       3:00 PM       7:00 PM       4       Redacted         Demand Bidding Program (DBP) <sup>1</sup> SEPTEMBER       System       9:915       11       Day Ahead       Temperature       53       1:00 PM       9:00 PM       8       Redacted         Demand Bidding Program (DBP) <sup>1</sup> SEPTEMBER       System						9			61			7	
Demand Bidding Program (DBP) <sup>3</sup> AUGUST       Freson, Los Padres, North Valley, Sacramento Valley, Sacramento Valley, Sierra, San Joaquin, Stockton       8/26/2015       8       Day Ahead       Temperature       15       3:00 PM       9:00 PM       6:8       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/27/2015       9       Day Ahead       Temperature       5:1       2:00 PM       9:00 PM       7:0       Redacted         Demand Bidding Program (DBP) <sup>3</sup> AUGUST       System       8/27/2015       10       Day Ahead       Temperature       5:4       3:00 PM       9:00 PM       4:0       Redacted         Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER       System       9:915       11       Day Ahead       Temperature       5:3       1:00 PM       9:00 PM       8:       Redacted         Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER       System       9:915       12       Day Ahead       Temperature       5:3       1:00 PM       9:00 PM       8:       Redacted         Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER       System       9:915       12       Day Ahead       Temperature       5:3       1:00 PM       9:00 PM       8:       Redacted         Demand Bidding Program (DBP) <sup>4</sup> SEPT												8	
Demand Bidding Program (DBP) <sup>3</sup> AUGUST         System         8/28/2015         10         Day Ahead         Temperature         54         3.00 PM         7.00 PM         4         Redacted           Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER         System         9/915         11         Day Ahead         Temperature         53         1.00 PM         9.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER         System         9/1015         12         Day Ahead         Temperature         53         1.00 PM         9.00 PM         8         Redacted													
Demand Bidding Program (DBP) <sup>1</sup> AUGUST         System         8/28/2015         10         Day Ahead         Temperature         54         3.00 PM         7.00 PM         4         Redacted           Demand Bidding Program (DBP) <sup>1</sup> SEPTEMBER         System         9/9/15         11         Day Ahead         Temperature         53         1.00 PM         9.00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER         System         9/10/15         12         Day Ahead         Temperature         53         1.00 PM         9.00 PM         8         Redacted		Demand Bidding Program (DRP) <sup>3</sup>	AUGUST	System	8/27/2015	9	Day Ahead	Temperature	51	2:00 PM	9:00 PM	7	Redacted
Demand Bidding Program (DBP) <sup>1</sup> SEPTEMBER         System         91915         11         Day Ahead         Temperature         53         1:00 PM         9:00 PM         8         Redacted           Demand Bidding Program (DBP) <sup>1</sup> SEPTEMBER         System         9:10/15         1:2         Day Ahead         Temperature         53         1:00 PM         9:00 PM         8         Redacted						-							
Demand Bidding Program (DBP) <sup>3</sup> SEPTEMBER         System         9/10/15         12         Day Ahead         Temperature         53         1.00 PM         8         Redacted				-)									
I Demand Ridding Program (DRP)* I SEPTEMBER I System 9/11/151 13 I Dav Ahead I Temperature I 541 2:00 PMI 8:00 PMI 6 Redacted		Demand Bidding Program (DBP) Demand Bidding Program (DBP) <sup>3</sup>	SEPTEMBER	System	9/11/15	13	Day Ahead	Temperature	54	2:00 PM	8:00 PM	6	Redacted

<sup>1</sup>Both the February and April 2015 events are re-tests resulting from the 9/11/2014 BIP event and included only a subset of the program's enrollment.

<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 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. CBP events are listed as Redacted.

## Table I-4 Pacific Gas and Electric Company Interruptible and Price Responsive Programs Year-to-Date Event Summary September 2015

Program Category	Program Name	Month	Zones <sup>1</sup>	Event Date	Event No. (by Program Type)	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>
Category 2: Price-Responsive Programs (Cont'd)			o	6/12/2015			-	404.000	0.00.01		4	05.0
	Peak Day Pricing (PDP)	JUNE	System		1	Day Ahead	Temperature	164,000	2:00 PN			35.0
	Peak Day Pricing (PDP)	JUNE	System	6/25/2015	2	Day Ahead	Temperature	164,000	2:00 PN		4	27.7
	Peak Day Pricing (PDP)	JUNE	System	6/26/2015	3	Day Ahead	Temperature	164,000	2:00 PN		4	54.4
	Peak Day Pricing (PDP)	JUNE	System	6/30/2015	4	Day Ahead	Temperature	164,000	2:00 PN		4	28.1
	Peak Day Pricing (PDP)	JULY	System	7/1/2015	5	Day Ahead	Temperature	164,000	2:00 PN		4	83.9
	Peak Day Pricing (PDP)	JULY	System	7/28/2015	6	Day Ahead	Temperature	163,000	2:00 PN	6:00 PM	4	24.6
	Peak Day Pricing (PDP)	JULY	System	7/29/2015	7	Day Ahead	Temperature	163,000	2:00 PN	6:00 PM	4	25.7
	Peak Day Pricing (PDP)	JULY	System	7/30/2015	8	Day Ahead	Temperature	163,000	2:00 PN		4	23.7
	Peak Day Pricing (PDP)	AUGUST	System	8/17/2015	9	Day Ahead	Temperature	162,000	2:00 PN		4	19.5
	Peak Day Pricing (PDP)	AUGUST	System	8/18/2015	10	Day Ahead	Temperature	163,000	2:00 PN		4	14.5
	Peak Day Pricing (PDP)	AUGUST	System	8/27/2015	11	Day Ahead	Temperature	161,422	2:00 PN	6:00 PM	4	31.5
	Peak Day Pricing (PDP)	AUGUST	System	8/28/2015	12	Day Ahead	Temperature	161,000	2:00 PN	6:00 PM	4	54.3
	Peak Day Pricing (PDP)	SEPTEMBER	System	9/9/15	13	Day Ahead	Temperature	161,000	2:00 PN	6:00 PM	4	48
	Peak Day Pricing (PDP)	SEPTEMBER	System	9/10/15	14	Day Ahead	Temperature	160,500	2:00 PN	6:00 PM	4	51
	Peak Day Pricing (PDP)	SEPTEMBER	System	9/11/15	15	Day Ahead	Temperature	161,000	2:00 PN	6:00 PM	4	52
	SmartAC	JUNE	System	6/25/2015	1	Day Of	Test	12,500	12:30 PN	6:00 PM	5.5	7.2
	SmartAC	JUNE	System	6/30/2015	2	Day Of	Test	12,534	6:30 PN	8:00 PM	1	6.9
	SmartAC	JUNE	System	7/1/2015	3	Day Of	Test	12,532	3:30 PN		3.5	4.7
	SmartAC	JUNE	System	7/28/2015	4	Day Of	Test	48,336	3:30 PN	1 7:00 PM	3.5	26.1
	SmartAC	JUNE	System	7/29/2015	5	Day Of	Test	40,330	12:30 PM		4.5	8.1
<b>-</b>	SmartAC	AUGUST	System	8/15/2015	6	Day Of Day Of	Test	12,478	3:30 PN		4.5	6.4
	SmartAC	AUGUST		8/15/2015 8/17/2015	6	Day Of Day Of	Test	15,000	3:30 PN 11:30 AN		2.5 9.5	7.4
	SmartAC		System	9/8/15								
		SEPTEMBER	System		8	Day Of	Test	15,860	12:30 PN		2.5	2
	SmartAC	SEPTEMBER	System	9/9/15	9	Day Of	Test	46,936	3:30 PN	1 7:00 PM	3.5	27
	SmartAC	SEPTEMBER	System	9/10/15	10	Day Of	Test	12,219	3:30 PN	1 7:00 PM	3.5	7
	SmartAC	SEPTEMBER	System	9/11/15	11	Day Of	Test	11,975	2:30 PN	6:00 PM	3.5	5
	SmartRate (SR)	JUNE	System	6/12/2015	1	Day Ahead	Temperature	126,896	2:00 PN		5	44.7
	SmartRate (SR)	JUNE	System	6/25/2015	2	Day Ahead	Temperature	126,349	2:00 PN		5	51.4
	SmartRate (SR)	JUNE	System	6/26/2015	3	Day Ahead	Temperature	126,349	2:00 PN	1 7:00 PM	5	50.3
	SmartRate (SR)	JUNE	System	6/30/2015	4	Day Ahead	Temperature	126,050	2:00 PN	1 7:00 PM	5	57.2
	SmartRate (SR)	JULY	System	7/1/2015	5	Day Ahead	Temperature	126,050	2:00 PN	1 7:00 PM	5	45.7
	SmartRate (SR)	JULY	System	7/28/2015	6	Day Ahead	Temperature	126,000	2:00 PN	1 7:00 PM	5	55.4
	SmartRate (SR)	JULY	System	7/29/2015	7	Day Ahead	Temperature	126,000	2:00 PN	1 7:00 PM	5	59.6
	SmartRate (SR)	JULY	System	7/30/2015	8	Day Ahead	Temperature	126,000	2:00 PN	1 7:00 PM	5	44.8
	SmartRate (SR)	AUGUST	System	8/17/2015	9	Day Ahead	Temperature	129,000	2:00 PN		5	57.5
	SmartRate (SR)	AUGUST	System	8/18/2015	10	Day Ahead	Temperature	126,000	2:00 PN	7:00 PM	5	38.8
	SmartRate (SR)	AUGUST	System	8/27/2015	10	Day Ahead	Temperature	131,000	2:00 PN	1 7:00 PM	5	48.7
	SmartRate (SR)	AUGUST	System	8/28/2015	12	Day Ahead	Temperature	131,000	2:00 PN 2:00 PN		5	49.4
	SmartRate (SR)	SEPTEMBER	System	9/9/15	12	Day Ahead	Temperature	131,000	2:00 PN 2:00 PN		5	49.4 56
		-	-4	9/10/15							-	
	SmartRate (SR)	SEPTEMBER	System		14	Day Ahead	Temperature	133,000	2:00 PN		5	54
	SmartRate (SR)	SEPTEMBER	System	9/11/15	15	Day Ahead	Temperature	133,000	2:00 PN	1 7:00 PM	5	44
Category 3: DR Provider/Aggregator Managed Programs												
	Aggregator Managed Portfolio (AMP)	JUNE	System	6/8/2015	1	Day Of	Heat Rate	1,457	3:00 PN	1 7:00 PM	4	96.7
	Aggregator Managed Portfolio (AMP)	JUNE	Fresno, Humboldt	6/9/2015	2	Day Of	Heat Rate	213	1:00 PN		6	15.2
	Aggregator Managed Portfolio (AMP)	JUNE	System	6/12/2015	3	Day Of	Heat Rate	1,457	3:00 PN		4	104.2
	Aggregator Managed Portfolio (AMP)	JUNE	System	6/25/2015	4	Day Of	Heat Rate	1,457	3:00 PN	1 7:00 PM	4	105.3
	Aggregator Managed Portfolio (AMP)	JUNE	System	6/26/2015	5	Day Of	Heat Rate	1,457	3:00 PN		4	102.8
	Aggregator Managed Portfolio (AMP)	JUNE	System	6/30/2015	6	Day Of	Heat Rate	1,457	3:00 PN	1 7:00 PM	4	92.1
	Aggregator Managed Portfolio (AMP)	JULY	System	7/1/2015	7	Day Of	Heat Rate	1,446	3:00 PN	1 7:00 PM	4	107.5
	Aggregator Managed Portfolio (AMP)	JULY	Central Coast ,East Bay (Bay Area), Fresno, Los Padres, North Coast, San Francisco (Bay Area)	7/16/2015	8	Day Of	Heat Rate	686	3:00 PN	1 7:00 PM	4	56.1
	Aggregator Managed Portfolio (AMP)	JULY	System	7/28/2015	9	Day Of	Heat Rate	1,446	3:00 PN	1 7:00 PM	4	103.7
	Aggregator Managed Portfolio (AMP)	JULY	System	7/29/2015	10	Day Of	Heat Rate	1,446	3:00 PN		4	100.9
	Aggregator Managed Portfolio (AMP)	JULY	System	7/30/2015	11	Day Of	Heat Rate	1,446	3:00 PN	1 7:00 PM	4	92.8
	Aggregator Managed Portfolio (AMP)	AUGUST	System	8/17/2015	12	Day Of	Heat Rate	1,446	3:00 PN		4	93.6
	Aggregator Managed Portfolio (AMP)	AUGUST	System	8/18/2015	12	Day Of	Heat Rate	1,440	3:00 PN		4	84.7
	Aggregator Managed Portfolio (AMP)	AUGUST	.,	8/26/2015	13	Day Of Day Of	Heat Rate	1,446	3:00 PN		4	93.5
			System									
	Aggregator Managed Portfolio (AMP)	AUGUST	System	8/27/2015	15	Day Of	Heat Rate	1,446	3:00 PN	1 7:00 PM	4	85.8
	Aggregator Managed Portfolio (AMP)	SEPTEMBER	System	9/9/2015	16	Day Of	Heat Rate	1,434	2:00 PN		5	85.0
	Aggregator Managed Portfolio (AMP)	SEPTEMBER	System	9/10/2015	17	Day Of	Heat Rate	1,434	2:00 PN	1 7:00 PM	5	83.0
	Aggregator Managed Portfolio (AMP)	SEPTEMBER	System	9/11/2015	18	Day Of	Heat Rate	1,457	3:00 PN	7:00 PM	4	81.0

<sup>1</sup> Both the February and April 2015 events are re-tests resulting from the 9/11/2014 BIP event and included only a subset of the program's enrollment.

<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 redect 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.

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

Cost Item	January	February	March	April	Мау	June	July	August	September	October	November	December	Year-to-Dat 2015 Total Cost
Program Incentives													
Aggregator Managed Portfolio (AMP) <sup>1</sup>	\$0	\$0	\$0	\$0	\$0	\$607,331	\$0	\$0	\$0				\$607,33
Automatic Demand Response (AutoDR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,870				\$33,87
Base Interruptible Program (BIP) <sup>4</sup>	\$1,902,132	\$2,172,462	\$2,157,725	\$2,194,550	\$2,137,970	\$2,250,657	\$2,203,402	\$2,232,501	\$1,892,623				\$19,144,02
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$349,812	\$449,843	\$157,740	\$706,606				\$1,664,00
Demand Bidding Program (DBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$
Excess Supply Pilot Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program (OBMC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				:
/ SLRP) <sup>1</sup>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				9
SmartAC <sup>™, 3</sup>	\$83,738	\$89,907	\$92,396	\$47,989	(\$120,701)	\$12,459	\$55,433	\$94,404	\$102,681				\$458,30
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$6,929	\$4,758	\$5,000				\$16,68
Technology Incentive (TI)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,770	\$43,920				\$72,69
Transmission and Distribution Pilot (T&D DR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$
Total Cost of Incentives	\$1,985,870	\$2,262,369	\$2,250,120	\$2,242,539	\$2,017,269	\$3,220,259	\$2,715,607	\$2,518,173	\$2,784,700	\$0	\$0	\$0	\$21,996,90
Revenues from Penalties <sup>2</sup>	\$0	\$0	\$0	\$0	\$0	\$1,098,160	\$0	(\$67,000)	(\$79,061)	\$0	\$0	\$0	\$952,09

<sup>1</sup>Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account. Incentives are recorded at the time of payment. <sup>2</sup>Revenues from Penalties denote the amounts paid by an aggregator to the utility due to penalties, excluding reduction in incentive payments.

<sup>3</sup> The May credit is attributable to adjustments of prior months' financials.

<sup>4</sup>Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account.

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

PG&E's ME&O Actual Expenditures				20	_	ptembe		istomer Con	nmunicatio	n Marke	ting a	and Outroa	ch				2015-2016
Powe s Miewo Actual expenditures				20	13-2010 F	unung	cycle cu		imumcatic	iii, iviai ke	ung, a					Year-to-Date	Authorized
																2015 Expenditures	Budget (if
	Januar	ry	February	March	April		May	June	July	Augu	st	September	October	November	December	Expenditures	Applicable)
I. STATEWIDE MARKETING																	
IOU Administrative Costs	\$	- \$		\$-	\$ ·	· \$	-	\$-	\$ -	\$		\$-	\$-	\$-	\$ -	\$ -	
Statewide ME&O contract	\$ .	- \$	-	\$-	\$ ·	· \$	-	\$ -	\$ -	\$	- :	\$-	\$-	\$ -	\$ -	\$-	
I. TOTAL STATEWIDE MARKETING	\$	- \$	-	\$-	\$.	· \$	-	\$-	\$-	\$	- ;	\$-	\$ -	\$-	\$-	\$-	
II. UTILITY MARKETING BY ACTIVITY <sup>1</sup>																	
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	
Marketing My Account/Energy and Integrated Online Audit Tools	Ś	- Ś		\$ -	\$ .	. Ś	-		\$ -	Ś		\$ -	,,,	,	,	\$ -	
Critical Peak Pricing > 200 kW	N/A	Ŷ	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		476 \$		\$ 62,04		83 \$		\$ 108,215				\$ 116,856	.,	,	,	\$ 486,342	
Real Time Pricing	↓ 0.0) N/A	- 4	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	\$ 12.1	190 Ś		\$ 24,81		.53 Ś			,		,710) \$		.,	,	,	\$ 194,537	
Circuit Savers	N/A		N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	
Small Commercial Technology Deployment	N/A		N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	
Enabling Technologies (e.g., AutoDR, TI)	\$ 18,2	286 Ś				30 \$					,565) \$			,	,	\$ 291,805	
PeakChoice	N/A	+	N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	
Customer Awareness, Education and Outreach	\$ .	-	,	,	,		,	,	,	,		,	,	,	,	\$ -	\$ 9,672,22
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																	
SmartAC	\$ 26,7	787 Ś	61.862	\$ 57.42	3 \$ 84.3	74 Ś	356.211	\$ 545,425	\$ 486.891	Ś 589	.679 3	\$ 483.872	ś -	\$-	\$ -	\$ 2,692,526	
Customer Research	\$	- \$	-	\$ -	\$ .	\$	-	\$ -	\$ -	\$	- 9	\$ -				\$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	Ś.	- Ś	29.877	\$ 24.17	5 \$ 29.4	76 Ś	308.307	\$ 502.295	\$ 394,464	\$ 472	.904	\$ 448.746				\$ 2.210.244	
Labor	\$ 26.7	787 Ś	31,985	\$ 25.74	7 \$ 49,5	98 Ś	38,621	\$ 42.193	\$ 51,204	\$ 32	,396 .	\$ 35.127				\$ 333,660	
Paid Media	\$	- \$	-	\$ -	\$ .	. \$	-	\$ -	\$ -	\$	- 9	\$ -				\$ -	
Other Costs	\$ .	- \$	-	\$ 7,50	) \$ 5,3	00 \$	9,283	\$ 938	\$ 41,223	\$ 84	,379 \$	\$-				\$ 148,622	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 87,7	740 \$	131,882	\$ 181,51	5 \$ 215,1	.40 \$	437,588	\$ 761,855	\$ 560,775	\$ 571	,131 ;	\$ 717,585	\$ -	\$-	\$-	\$ 3,665,211	
III. UTILITY MARKETING BY ITEMIZED COST																	
Customer Research	\$ .	- \$	-	\$-	\$ -	. \$	-	\$ -	\$ -	\$	- 9	\$-				\$ -	
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 5.6	531 Ś	62,420	\$ 80.873	3 \$ 61.9	78 Ś	337.043	\$ 594.367	\$ 428,366	\$ 401	.564 .	\$ 630.193				\$ 2,602,434	
Labor	\$ 82.1	109 \$	69,463	\$ 93.14	4 \$ 147.8	60 Ś	91.171	\$ 166,497	. ,		.189	\$ 87,392				\$ 914,009	
Paid Media	\$ .	- \$		\$ -	\$ .		-		\$ -	\$		\$ -				\$ -	
Other Costs	\$	- \$	-	\$ 7,50		01 \$	9,375		\$ 41,224	\$ 84	,379	•				\$ 148,768	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 87,7	740 \$	131,882	. ,	. ,			\$ 761,855	. ,			\$ 717,585	\$-	\$-	\$-	\$ 3,665,211	
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																	
Agricultural	\$ 9,1	143 Ś	10.503	\$ 18.61	4 \$ 19.6	i15 Ś	12,207	\$ 32,464	\$ 11,083	Ś (2	,782) \$	\$ 35,057				\$ 145,903	ł
Large Commercial and Industrial	/		-,	- / -			,	\$ 183,965	. ,			\$ 198,655				\$ 826,782	
Small and Medium Commercial		339 \$						\$ 27,271				\$ 24,194				\$ 134,626	
Residential	. ,		,	. ,	. ,		,	\$ 27,271 \$ 518,154	. ,			\$ 24,194 \$ 459,679				\$ 2,557,900	
												. ,	*	•		. , ,	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	Ş 87,7	/40 Ş	131,882	\$ 181,51	s Ş 215,1	.40 Ş	437,588	\$ 761,855	\$ 560,775	\$ 571	,131 ;	\$ 717,585	Ş -	Ş -	Ş -	\$ 3,665,211	

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 September 2015

# 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			
Category 10: Special Projects	. ,	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.
Total	\$100,000			