
Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response
Programs for December 2022



January 20, 2023
Public

Pacific Gas and Electric Company (“PG&E”) hereby submits this report on Interruptible Load and Demand Response Programs for December 2022. This report is being sent to the Energy Division via EnergyDivisionCentralFiles@cpuc.ca.gov and public version will be served on the service list for A.11-03-001

<http://www.pge.com/mybusiness/energysavingsrebates/demandresponse/cs/>

Table I-1
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Subscription Statistics - Enrolled MW
December 2022

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

PROGRAMS	January			February			March			April			May			June			Eligible Accounts as of Jan 1, 2022 ⁴
	Service Accounts ⁵	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts ⁵	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts ⁵	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts ⁵	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	
PILOT PROGRAMS ¹																			
SSP II (Load Decrease)																			
Non-Residential																			
Residential																			
XSP (Load Increase)																			
Non-Residential																			
Residential																			
INTERRUPTIBLE RELIABILITY PROGRAMS ³																			
BIP - Day Of	262	140	139	263	139	140	264	147	140	267	163	142	267	169	142	269	178	143	10,935
OBMC	16	0	0	16	0	0	16	0	0	17	0	0	17	0	0	17	0	0	N/A
SLRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
SmartAC™ - Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
SmartAC™ - Residential	78,870	0	0	78,530	0	0	78,111	0	0	77,477	0	0	77,247	14	24	76,920	25	24	N/A
Sub-Total Interruptible	79,148	140	139	78,809	139	140	78,391	147	140	77,761	163	142	77,531	183	166	77,206	203	167	
PRICE-RESPONSIVE PROGRAMS ²																			
CBP - Day Ahead - Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	603,881
CBP - Day Ahead Non-Residential	0	0	0	0	0	0	0	0	0	0	0	0	523	13	19	642	14	24	603,881
PDP (200 kW or above)	1,193	1	5	1,234	1	5	1,738	2	7	2,413	4	10	2,392	5	10	2,372	6	10	7,299
PDP (above 20 kW & below 200 kW)	15,259	0.3	0.3	15,349	0.3	0.3	18,663	0.4	0.4	18,180	0.5	0.4	18,055	0.6	0.4	17,927	0.7	0.4	95,833
PDP (20 kW or below)	82,968	0.5	0.8	83,248	0.5	0.8	99,654	0.6	1	95,847	0.6	1	95,020	0.8	1	94,218	0.9	0.9	315,414
SmartRate™ - Residential	49,786	0.6	7	49,789	0.4	7	49,695	0.3	7	48,339	0.5	7	48,010	1	7	47,638	2	7	N/A
Sub-Total Price Response	149,206	2	13	149,620	3	13	169,750	4	16	164,779	6	18	164,000	21	37	162,797	24	42	
Total All Programs	228,354	143	152	228,429	141	153	248,141	151	156	242,540	169	160	241,531	204	203	240,003	227	208	

Programs	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2022 ⁴
	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	
PILOT PROGRAMS ¹																			
SSP II (Load Decrease)																			
Non-Residential																			
Residential																			
XSP (Load Increase)																			
Non-Residential																			
Residential																			
INTERRUPTIBLE RELIABILITY PROGRAMS ³																			
BIP - Day of	269	170	143	270	171	143	270	176	143	270	168	143	270	160	143	234	129	124	10,935
OBMC	17	0	0	17	0	0	17	0	0	17	0	0	17	0	0	17	0	0	N/A
SLRP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
SmartAC™ - Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	N/A
SmartAC™ - Residential	76,267	25	24	76,283	24	24	75,736	22	23	75,312	9	23	74,956	0	0	74,736	0	0	N/A
Sub-Total Interruptible	76,553	195	166	76,570	195	167	76,023	198	167	75,599	177	167	75,243	160	143	74,987	129	124	
PRICE-RESPONSIVE PROGRAMS ²																			
CBP - Day Ahead - Residential	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	603,881
CBP - Day Ahead Non-Residential	744	19	27	749	20	27	812	20	30	720	17	26	0	0	0	0	0	0	603,881
PDP (200 kW or above)	2,303	6	10	2,180	5	9	1,982	5	8	1,737	3	7	1,671	2	7	1,660	1	7	7,299
PDP (above 20 kW & below 200 kW)	17,811	0.7	0.4	17,659	1	0.4	17,522	1	0	17,358	1	0.3	17,795	0	0.4	17,815	0	0.4	95,833
PDP (20 kW or below)	93,358	0.9	0.9	92,362	1	0.9	91,689	1	1	92,485	1	0.9	96,140	1	1	96,011	1	1	315,414
SmartRate™ - Residential	47,530	3	7	47,843	2	7	48,264	2	7	48,369	1	7	48,190	1	7	48,737	1	7	N/A
Sub-Total Price Response	161,746	29	45	160,793	29	45	160,269	28	46	160,669	23	42	163,796	3	15	164,223	3	15	
Total All Programs	238,299	224	211	237,363	224	212	236,292	226	213	236,268	200	208	239,039	164	158	239,210	132	139	

NOTES:

Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the Ex Post or Ex Ante columns. Ex post estimates reflect historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex Ante forecasts account for variables not included in the Ex Post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week which events occur, and other lesser effects etc. An Ex Ante forecast reflects forecast impact estimates that would occur between 4 pm and 9pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions if all DR programs were called simultaneously on the system peak day. In either case, MW estimates in this report will vary from estimates filed in the PG&E's annual April Compliance Filing pursuant to Decision 08-04-050 and reporting documents that may be supplied to other agencies e.g. CAISO, FERC, NERC, etc. MW estimates found in the Monthly ILP Report are not used by PG&E for operational reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2021 (R.13-09-011) Load Impact Report for Demand Response. The values reported are calculated by using the monthly Ex Ante average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the Ex Ante average load impact is the average hourly load impact for an event that would occur from 4 - 9 pm on the system peak day of the month. The Ex Ante Estimated MW value for the aggregator program, e.g., CBP are the monthly nominated MW during the event season May through October and Zero non-event season months November through April.

Ex Post Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2021 (R.13-09-011) Load Impact Report for Demand Response. The values reported are calculated by using the annual Ex Post average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the Ex Post load impact per customer is the average load impact per customer for those customers that may have participated in an event(s) during all actual event hours in the preceding year when or if events occurred. New programs report "n/a", as there were no prior events.

¹ D.17-12-003 approved a three-year budget (2018-2020 - OP 37 and OP 38) for Supply Side Pilot and Excess Supply Pilot. As of January 1, 2021, both pilots are no longer active.

² There are some SmartRate™ Residential customers (<.05%) not reflected in the summary or rate code count as program eligibility is being confirmed.

³ BIP customers that dual participate in PDP are not counted towards the 300 MW BIP cap. The BIP program actual capacity is below the 300 MW cap.

⁴ The current number of eligible accounts for January 2021 are from the load impact filing from April 2020. Eligible account numbers will be updated following the 2021 load impact filing.

⁵ CBP Residential Ex Post information is confidential under market sensitive/proprietary information.

⁶ The "PDP (200 kW or above)" and "PDP (20 kW or below)" service account counts were swapped in the January through April 2022 ILP reports. These values were corrected in the May 2022 ILP.

Pacific Gas and Electric Company
Average Ex Ante Load Impact kW / Customer
December 2022

Program Eligibility and Ex Ante Average Load Impacts ¹

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of August 2022	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - Day Of	535.77	528.28	557.07	609.83	634.61	661.23	631.34	632.61	651.88	620.47	593.64	549.61	24,000	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW, and being billed on a PG&E commercial, industrial, or agricultural electric time-of-use (TOU) rate schedule.
OBMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled, DA and CCA non-residential customer accounts with interval meters that must be able to reduce electric load such that the entire load on the PG&E circuit or dedicated substation that provides service to that customer is reduced to or below Maximum Load Levels (MLLs) for the entire duration of each and every RO operation.
SLRP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum average monthly demand of 100 kilowatts (kW). Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW.
SmartAC™ - Commercial	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. Closed to new enrollment.
SmartAC™ - Residential	N/A	N/A	N/A	N/A	0.18	0.33	0.33	0.32	0.29	0.12	N/A	N/A	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
CBP - Day Ahead - Residential	N/A	N/A	N/A	N/A	0.00	0.00	0.00	0.00	0.19	0.21	N/A	N/A	4.8 Million	PG&E customers receiving bundled service, Community Choice Aggregation (CCA) service, or Direct Access (DA) service and being billed on a PG&E residential, commercial, industrial, or agricultural electric rate schedule.
CBP - Day Ahead Non-Residential	N/A	N/A	N/A	N/A	24.82	22.19	25.25	26.64	24.59	24.28	N/A	N/A	569,000	
PDP (200 kW or above)	0.88	1.01	1.31	1.81	2.15	2.47	2.49	2.39	2.29	1.74	0.96	0.80	5,000	Default beginning on May 1, 2010 for bundled C&I Customers >200kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
PDP (above 20 kW & below 200 kW)	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.02	0.02	36,000	
PDP (20 kW or below)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	218,000	
SmartRate™ - Residential	0.01	0.01	0.01	0.01	0.03	0.05	0.06	0.05	0.05	0.03	0.02	0.03	1.7 Million	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, 2022 (R.13-09-011). Estimated Average Ex Ante Load Impact kW/Customer = Portfolio-Adjusted Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur at 4 - 9 pm on the PG&E system peak day of the month.

Pacific Gas and Electric Company
Average ExPost Load Impact kW / Customer
December 2022

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of August 2022	Eligibility Criteria (Refer to tariff for specifics)
	January	February	March	April	May	June	July	August	September	October	November	December		
BIP - Day Of	530.70	530.70	530.70	530.70	530.70	530.70	530.70	530.70	530.70	530.70	530.70	530.70	24,000	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW, and being billed on a PG&E commercial, industrial, or agricultural electric time-of-use (TOU) rate schedule.
OBMC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Bundled, DA and CCA non-residential customer accounts with interval meters that must be able to reduce electric load such that the entire load on the PG&E circuit or dedicated substation that provides service to that customer is reduced to or below Maximum Load Levels (MLLs) for the entire duration of each and every RO operation.
SLRP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	*Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum average monthly demand of 100 kilowatts (kW). Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW. "
SmartAC™ - Commercial	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not Available	Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. Closed.
SmartAC™ - Residential	N/A	N/A	N/A	N/A	0.31	0.31	0.31	0.31	0.31	0.31	N/A	N/A	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
CBP - Day Ahead - Residential	N/A	N/A	N/A	N/A	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	N/A	N/A	4.8 Million	PG&E customers receiving bundled service, Community Choice Aggregation (CCA) service, or Direct Access (DA) service and being billed on a PG&E residential, commercial, industrial, or agricultural electric rate schedule.
CBP - Day Ahead Non-Residential	N/A	N/A	N/A	N/A	36.63	36.63	36.63	36.63	36.63	36.63	N/A	N/A	569,000	
PDP (200 kW or above)	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	5,000	Default beginning on May 1, 2010 for bundled C&I Customers >200kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
PDP (above 20 kW & below 200 kW)	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	36,000	
PDP (20 kW or below)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	218,000	
SmartRate™ - Residential	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	1.7 Million	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, 2022 (R.13-09-011). Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account from the typical event for the preceeding year 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.

¹ CBP Residential Ex Post information is confidential under market sensitive/proprietary information.
Contains confidential information per declaration of Jomo Thorne dated January 17, 2023

Table I-2
Pacific Gas and Electric Company
Program Subscription Statistics
December 2022

2022 Detailed Breakdown of MWs To Date in TA/Auto DR/TI Programs																								
PROGRAM	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE			
	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs				
PILOT PROGRAMS²																								
SSP II (Load Decrease)																								
Non-Residential																								
Residential																								
XSP (Load Increase)																								
Non-Residential																								
Residential																								
PRICE-RESPONSIVE PROGRAMS																								
CBP	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.7	N/A	0.7	N/A	0.0	N/A	0.0				
PDP	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartRate™ - Residential	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartAC™ - Commercial	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartAC™ - Residential	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
DRAM ³	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
Total	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.7	N/A	0.7	N/A	0.0	N/A	0.0				
INTERUPTIBLE RELIABILITY PROGRAMS																								
BIP - Day of																								
OBMC																								
SLRP																								
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
TOTAL TECHNOLOGY MWs																								
N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.7	N/A	0.7	N/A	0.0	N/A	0.0	N/A				
GENERAL PROGRAM																								
TA (may also be enrolled in TI and AutoDR)																								
Total																								
TOTAL TA MWs																								
PROGRAM	JULY				AUGUST				SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs				
PILOT PROGRAMS²																								
SSP II (Load Decrease)																								
Non-Residential																								
Residential																								
XSP (Load Increase)																								
Non-Residential																								
Residential																								
PRICE-RESPONSIVE PROGRAMS																								
CBP	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.5	N/A	0.5	N/A	0.0	N/A	0.0				
PDP	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartRate™ - Residential	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartAC™ - Commercial	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
SmartAC™ - Residential	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
DRAM ³	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0				
Total	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.5	N/A	0.5	N/A	0.0	N/A	0.0				
INTERUPTIBLE RELIABILITY PROGRAMS																								
BIP - Day of																								
OBMC																								
SLRP																								
Total	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
TOTAL TECHNOLOGY MWs																								
N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.5	N/A	0.5	N/A	0.0	N/A	0.0	N/A				
GENERAL PROGRAM																								
TA (may also be enrolled in TI and AutoDR)																								
Total																								
TOTAL TA MWs																								

¹ADR Non-Residential MWs are verified after installation of the equipment and customers have been paid 60% incentive for customers >200 kW. Actual performance is measured after the first full year of DR program participation and the remaining 40% incentive is paid based on performance values. Office and Retail <499 kW excepted and paid at 100%. Unable to verify Residential MWs. Only values for newly paid customers are recorded.

²As approved in the disposition letter issued September 24, 2015 to advice letter 4618-E-A, customers participating in DRAM are eligible to receive ADR incentives but PG&E is unable to determine the capacity associated with these ADR-enabled devices.

³ D.17-12-003 approved a three-year budget (2018-2020 - OP 37 and OP 38) for Supply Side Pilot and Excess Supply Pilot. As of January 1, 2021, both pilots are no longer active.

**Table I-3b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carry-Over Expenditures and Funding
December 2022**

Cost Item ¹	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Expenditures incurred in 2022
Category 1: Reliability Programs													
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 1 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 2: Price-Responsive Programs													
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SmartAC™	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 2 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 3: DR Provider/Aggregator Managed Programs													
Aggregator Managed Portfolio (AMP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 3 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 4: Emerging & Enabling Programs													
Auto DR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DR Emerging Technology	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 4 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 5: Pilots													
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Excess Supply	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 5 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 6: Evaluation, Measurement and Verification													
DRMEC	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DR Research Studies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 6 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 7: Marketing, Education and Outreach													
DR Core Marketing and Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SmartAC™ ME&O	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Education and Training	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 7 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 8: DR System Support Activities													
DR Forecasting Tool	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$1,500	\$1,500	\$0	\$15,000
DR Enrollment & Support ²	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Notifications	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DR Integration Policy & Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 8 Total	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$1,500	\$1,500	\$0	\$15,000
Category 9: Integrated Programs and Activities (Including Technical Assistance)													
Technology Incentives - IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Energy Audits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Budget Category 9 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Category 10: Special Projects													
Demand Response Auction Mechanism Pilot Phase 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Demand Response Auction Mechanism Pilot Phase 2	(\$83)	\$631	\$107	(\$555)	\$1,578	\$252	(\$490)	\$331	\$1,581	(\$143)	\$2,511	(\$1,806)	\$3,915
Demand Response Auction Mechanism Pilot Phase 3	\$1,109	\$1,495	\$1,524	\$1,734	\$1,439	\$1,873	\$1,977	(\$281)	\$1,713	\$1,268	\$798	\$675	\$15,327
Rule 24 O&M	\$418	\$315	\$54	(\$277)	\$789	\$2,797	\$317	\$547	(\$70)	\$0	\$0	\$0	\$4,889
Permanent Load Shifting	(\$6,569)	(\$3,843)	\$25,046	\$13,058	\$1,696	\$1,252	\$225	\$2,775	(\$10,186)	(\$143)	\$19,846	\$204,021	\$247,179
Budget Category 10 Total	(\$5,125)	(\$1,402)	\$26,730	\$13,960	\$5,502	\$6,175	\$2,029	\$3,373	(\$6,961)	\$982	\$23,156	\$202,891	\$271,310
Total Incremental Cost	(\$3,625)	\$98	\$28,230	\$15,460	\$7,002	\$7,675	\$3,529	\$4,873	(\$6,961)	\$2,482	\$24,656	\$202,891	\$286,310

¹ Expenditures on this page reflect expenses incurred in 2019 from all prior funding cycles

² January credit for DR Enrollment & Support is due to the reversal of an accrual and reversal of a prior month incorrect charge.

**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2022**

Program Name	Month	Zones	Event No. (by Program Type)	Event Date	Program Type	Trigger	# of Accounts	Event Start Time (PDT)	Event End Time (PDT)	Program Tolled Hours	Load Reduction MW (Max Hourly)
Category 1: Reliability Programs											
Base Interruptible Program	September	System - Sublap PGEB, PGF1, PGZP, PGNP, PGSB, PGCC, PGSI, PGKN, PGST, PGNC	1	9/5/2022	Day Of	Transmission Emergency	264	7:15 PM	9:18 PM	2.03	119.3
Base Interruptible Program	September	System - Sublap PGEB, PGF1, PGZP, PGNP, PGSB, PGCC, PGSI, PGKN, PGST, PGNC	2	9/6/2022	Day Of	Transmission Emergency	264	6:00 PM	8:38 PM	2.38	112.4
Base Interruptible Program	September	System - Sublap PGEB, PGF1, PGZP, PGNP, PGSB, PGCC, PGSI, PGKN, PGST, PGNC	3	9/7/2022	Day Of	Transmission Emergency	264	7:15 PM	8:02 PM	0.47	111.4
Optional Bidding Mandatory Curtailment (OBMC) / Scheduled Load Reduction (SLRP)											
Category 2: Price-Responsive Programs											
Capacity Bidding Program	May	System	1	5/20/22	Day Ahead	PG&E Test	523	7:00 PM	9:00 PM	2	36.9
Capacity Bidding Program	May	Market Resources in PGSB	2	5/25/22	Day Ahead	Market Award	26	2:00 PM	4:00 PM	2	0.1
Capacity Bidding Program	May	Market Resources in PGEB, PGFG	2	5/25/22	Day Ahead	Market Award	40	7:00 PM	9:00 PM	2	0.5
Capacity Bidding Program	June	Market Resources in PGP2, PGSF	3	6/8/22	Day Ahead	Market Award	39	2:00 PM	3:00 PM	1	0.0
Capacity Bidding Program	June	Market Resources in PGKN	3	6/8/22	Day Ahead	Market Award	9	7:00 PM	9:00 PM	2	REDACTED
Capacity Bidding Program	June	Market Resources in PGKN	4	6/9/22	Day Ahead	Market Award	9	7:00 PM	9:00 PM	2	REDACTED
Capacity Bidding Program	June	Market Resources in PGEB, PGFG, PGKN, PGP2, PGSF	5	6/10/22	Day Ahead	Market Award	130	1:00 PM	9:00 PM	8	REDACTED
Capacity Bidding Program	June	Market Resources in PGSF	6	6/21/22	Day Ahead	Market Award	19	3:00 PM	4:00 PM	1	0.0
Capacity Bidding Program	June	Market Resources in PGEB, PGP2, PGSB	6	6/21/22	Day Ahead	Market Award	117	5:00 PM	8:00 PM	3	0.0
Capacity Bidding Program	June	Market Resources in PGSB	7	6/22/22	Day Ahead	Market Award	48	2:00 PM	3:00 PM	1	0.0
Capacity Bidding Program	June	Market Resources in PGEB	7	6/22/22	Day Ahead	Market Award	49	5:00 PM	6:00 PM	1	0.0
Capacity Bidding Program	June	Market Resources in PGEB, PGFG, PGNB, PGP2, PGSB	8	6/23/22	Day Ahead	Market Award	149	2:00 PM	8:00 PM	6	REDACTED
Capacity Bidding Program	June	Market Resources in PGSF	9	6/24/22	Day Ahead	Market Award	19	3:00 PM	5:00 PM	2	REDACTED
Capacity Bidding Program	June	Market Resources in PGCC, PGEB, PGKN, PGNB, PGNP, PGSB, PGSI	10	6/28/22	Day Ahead	PG&E Test	99	7:00 PM	9:00 PM	2	REDACTED
Capacity Bidding Program	July	Market Resources in PGCC, PGEB, PGF1, PGFG, PGHB, PGKN, PGNB, PGNP, PGP2, PGSB, PGSF, PGSI, PGST, PGZP	11	7/22/22	Day Ahead	PG&E Test	239	6:00 PM	9:00 PM	3	REDACTED
Capacity Bidding Program	August	Market Resources in PGSI	12	8/1/22	Day Ahead	Market Award	20	7:00 PM	8:00 PM	1	REDACTED
Capacity Bidding Program	August	Market Resources in PGEB	13	8/4/22	Day Ahead	Market Award	44	3:00 PM	4:00 PM	1	REDACTED
Capacity Bidding Program	August	Market Resources in PGSI	14	8/16/22	Day Ahead	Market Award	20	7:00 PM	8:00 PM	1	REDACTED
Capacity Bidding Program	August	Market Resources in PGCC, PGEB, PGF1, PGKN, PGNB, PGNP, PGP2, PGSB, PGSF, PGSI, PGST, PGZP	15	8/26/22	Day Ahead	PG&E Test	500	6:00 PM	8:00 PM	2	45.8
Capacity Bidding Program	September	System	16	9/1/22	Day Ahead	Market Award	812	5:00 PM	9:00 PM	4	54.8
Capacity Bidding Program	September	Market Resources in PGCC, PGEB, PGFG, PGNB, PGP2, PGSB, PGSF, PGSI, PGST	17	9/2/22	Day Ahead	Market Award	221	5:00 PM	8:00 PM	3	1.9
Capacity Bidding Program	September	Market Resources in PGSI	18	9/4/22	Day Ahead	Market Award	17	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	September	System	19	9/6/22	Day Ahead	Market Award	812	4:00 PM	9:00 PM	5	55.5
Capacity Bidding Program	September	System	20	9/7/22	Day Ahead	Market Award	812	5:00 PM	9:00 PM	4	53.6
Capacity Bidding Program	September	System	21	9/8/22	Day Ahead	Market Award	812	4:00 PM	9:00 PM	5	51.3
Capacity Bidding Program	October	Market Resources in PGSI	22	10/6/22	Day Ahead	Market Award	11	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	October	Market Resources in PGSI	23	10/19/22	Day Ahead	Market Award	11	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	October	Market Resources in PGEB, PGF1, PGNB, PGNP, PGP2, PGSB, PGSI	24	10/20/22	Day Ahead	PG&E Test	93	5:00 PM	8:00 PM	3	REDACTED

NOTE: Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the Ex Post or Ex Ante columns. Ex post estimates reflect historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex Ante forecasts account for variables not included in the Ex Post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week which events occur, and other lesser effects etc. An Ex Ante forecast reflects forecast impact estimates that would occur between 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions if all DR programs were called simultaneously on the system peak day. In either case, MW estimates in this report will vary from estimates filed in the PG&E's annual April Compliance Filing pursuant to Decision 08-04-050 and reporting documents that may be supplied to other agencies e.g. CAISO, FERC, NERC, etc. MW estimates found in the Monthly ILP Report are not used by PG&E for operational reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

Contains confidential information per declaration of Jomo Thorne dated January 17, 2023

**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2022**

Program Name	Month	Zones	Event No. (by Program Type)	Event Date	Program Type	Trigger	# of Accounts	Event Start Time (PDT)	Event End Time (PDT)	Program Tolted Hours	Load Reduction MW (Max Hourly)
Category 2: Price-Responsive Programs											
Peak Day Pricing	June	System	1	6/10/22	Day Ahead	Temperature	115,467	4:00 PM	9:00 PM	5	24.7
Peak Day Pricing	June	System	2	6/27/22	Day Ahead	Temperature	115,467	4:00 PM	9:00 PM	5	27.3
Peak Day Pricing	July	System	3	7/11/22	Day Ahead	Temperature	114,517	4:00 PM	9:00 PM	5	17.6
Peak Day Pricing	July	System	4	7/18/22	Day Ahead	Temperature	114,517	4:00 PM	9:00 PM	5	16.0
Peak Day Pricing	July	System	5	7/21/22	Day Ahead	Temperature	114,517	4:00 PM	9:00 PM	5	14.6
Peak Day Pricing	August	System	6	8/16/22	Day Ahead	Temperature	113,472	4:00 PM	9:00 PM	5	15.8
Peak Day Pricing	August	System	7	8/17/22	Day Ahead	Temperature	113,472	4:00 PM	9:00 PM	5	14.9
Peak Day Pricing	August	System	8	8/19/22	Day Ahead	Temperature	113,472	4:00 PM	9:00 PM	5	13.7
Peak Day Pricing	September	System	9	9/1/22	Day Ahead	Temperature	112,201	4:00 PM	9:00 PM	5	13.5
Peak Day Pricing	September	System	10	9/5/22	Day Ahead	Temperature	112,201	4:00 PM	9:00 PM	5	16.9
Peak Day Pricing	September	System	11	9/6/22	Day Ahead	Temperature	112,201	4:00 PM	9:00 PM	5	18.5
Peak Day Pricing	September	System	12	9/7/22	Day Ahead	Temperature	112,201	4:00 PM	9:00 PM	5	16.0
SmartAC	July	Market Resources in PGKN, PGNC, PGNP, PGSI, PGZP	1	7/11/22	Day Ahead	Market Award	3,338	5:00 PM	7:00 PM	2	8.7
SmartAC	July	Market Resources in PGF1, PGKN, PGSI, PGST, PGZP, PGNP	2	7/16/22	Day Ahead	Market Award	44,734	4:00 PM	7:00 PM	3	14.5
SmartAC	July	Market Resources in PGF1, PGKN, PGZP	3	7/17/22	Day Ahead	Market Award	20,474	3:00 PM	6:00 PM	3	5.9
SmartAC	July	Market Resources in PGNC	4	7/24/22	Day Ahead	Market Award	345	6:00 PM	8:00 PM	2	0.2
SmartAC	July	Market Resources in PGF1, PGKN, PGNC, PGZP, PGNP	5	7/29/22	Day Ahead	Market Award	33,990	5:00 PM	8:00 PM	3	7.3
SmartAC	August	Market Resources in PGEB, PGP2, PGSB, PGF1, PGKN, PGNB, PGNC, PGNP, PGST, PGSI	6	8/16/22	Day Ahead	Market Award	66,999	5:00 PM	10:00 PM	5	11.0
SmartAC	August	Market Resources in PGNP, PGSI, PGST, PGKN, PGF1, PGZP, PGNC, PGFG, PGNB, PGEB, PGSB, PGP2, PGCC	7	8/17/22	Day Ahead	Test Event	70,043	4:30 PM	7:00 PM	2.5	19.3
SmartAC	August	Market Resources in PGSI	8	8/19/22	Day Ahead	Market Award	8,730	5:00 PM	7:00 PM	2	3.7
SmartAC	September	System - Market Resources in PGEB, PGF1, PGKN, PGNB, PGNC, PGNP, PGP2, PGSB, PGSI, PGST, PGZP, PGCC, PGFG	9	9/6/22	Day Ahead	Test Event	62,966	5:00 PM	8:00 PM	3	23.1
SmartAC	September	System - Market Resources in PGEB, PGF1, PGKN, PGNB, PGNC, PGNP, PGP2, PGSB, PGSI, PGST, PGZP, PGCC, PGFG	9	9/6/22	Day Of	Transmission Emergency	62,966	8:00 PM	8:38 PM	0.38	20.2
SmartAC	September	System - Market Resources in PGEB, PGF1, PGKN, PGNB, PGNC, PGNP, PGP2, PGSB, PGSI, PGST, PGZP, PGCC, PGFG	10	9/7/22	Day Ahead	Market Award & EEA	62,966	4:00 PM	8:00 PM	4	23.2
SmartAC	September	System - Market Resources in PGEB, PGF1, PGKN, PGNB, PGNC, PGNP, PGP2, PGSB, PGSI, PGST, PGZP, PGCC, PGFG	11	9/8/22	Day Ahead	Market Award & EEA	62,966	5:00 PM	8:00 PM	3	22.0
SmartAC	September	Market Resources in PGNC, PGNP, PGSI, PGST	12	9/9/22	Day Ahead	Market Award	19,480	4:00 PM	6:00 PM	2	9.3

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**Table I-4
Pacific Gas and Electric Company
Interruptible and Price Responsive Programs
Year-to-Date Event Summary
December 2022**

Program Name	Month	Zones	Event No. (by Program Type)	Event Date	Program Type	Trigger	# of Accounts	Event Start Time (PDT)	Event End Time (PDT)	Program Tolerated Hours	Load Reduction MW (Max Hourly)
Category 2: Price-Responsive Programs											
SmartRate	June	System	1	6/10/22	Day Ahead	Temperature	48,010	4:00 PM	9:00 PM	5	6.4
SmartRate	June	System	2	6/27/22	Day Ahead	Temperature	48,010	4:00 PM	9:00 PM	5	8.3
SmartRate	July	System	3	7/11/22	Day Ahead	Temperature	47,638	4:00 PM	9:00 PM	5	9.2
SmartRate	July	System	4	7/18/22	Day Ahead	Temperature	47,638	4:00 PM	9:00 PM	5	8.7
SmartRate	July	System	5	7/21/22	Day Ahead	Temperature	47,638	4:00 PM	9:00 PM	5	8.3
SmartRate	August	System	6	8/16/22	Day Ahead	Temperature	47,530	4:00 PM	9:00 PM	5	9.5
SmartRate	August	System	7	8/17/22	Day Ahead	Temperature	47,530	4:00 PM	9:00 PM	5	9.0
SmartRate	August	System	8	8/19/22	Day Ahead	Temperature	47,530	4:00 PM	9:00 PM	5	8.4
SmartRate	September	System	9	9/1/22	Day Ahead	Temperature	47,843	4:00 PM	9:00 PM	5	9.7
SmartRate	September	System	10	9/5/22	Day Ahead	Temperature	47,843	4:00 PM	9:00 PM	5	12.2
SmartRate	September	System	11	9/6/22	Day Ahead	Temperature	47,843	4:00 PM	9:00 PM	5	13.4
SmartRate	September	System	12	9/7/22	Day Ahead	Temperature	47,843	4:00 PM	9:00 PM	5	11.0
SmartRate	September	System	13	9/8/22	Day Ahead	Temperature	47,843	4:00 PM	9:00 PM	5	11.8

NOTE: Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the Ex Post or Ex Ante columns. Ex post estimates reflect historic event(s) that have taken place during specific time periods and actual weather conditions by a mix of customers that participated on event day(s). Ex Ante forecasts account for variables not included in the Ex Post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week which events occur, and other lesser effects etc. An Ex Ante forecast reflects forecast impact estimates that would occur between 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions if all DR programs were called simultaneously on the system peak day. In either case, MW estimates in this report will vary from estimates filed in the PG&E's annual April Compliance Filing pursuant to Decision 08-04-050 and reporting documents that may be supplied to other agencies e.g. CAISO, FERC, NERC, etc. MW estimates found in the Monthly ILP Report are not used by PG&E for operational reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

Table I-5a
Pacific Gas and Electric Company
2018-22 Demand Response Programs Incentives
December 2022

Annual Total Expenditures															
Cost Item	2021 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Expenditures	Program-to-Date Total Expenditures
Program Incentives															
Automatic Demand Response (AutoDR)	\$849,310	\$23,350	\$14,800	\$25,560	\$105,690	\$103,190	\$13,850	\$0	\$0	\$12,400	\$106,600	\$172,640	\$1,155,955	\$1,734,035	\$3,664,069
Base Interruptible Program (BIP) ²	\$22,420,817	\$1,378,546	\$1,621,268	\$1,824,275	\$1,758,723	1,977,302	\$1,467,531	\$2,533,135	\$2,388,182	\$1,469,458	(\$1,872,960)	\$950,374	\$5,863,107	\$21,358,941	\$115,723,696
Capacity Bidding Program (CBP) ¹	\$3,456,385	\$109,299	(\$134,302)	\$147,903	\$613	\$139,382	\$169,704	\$1,102,768	\$1,600,586	\$786,418	(\$2,864,821)	\$1,153,897	\$1,537,768	\$3,749,214	\$11,927,659
DRAM Phase 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,730,263
Excess Supply Pilot	(\$11,761)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$463,878
SmartAC™	\$550	\$0	\$200	\$7,250	\$16,700	\$21,700	\$195,075	\$11,150	\$141,975	\$295,125	\$812,963	\$577,795	\$1,253,694	\$3,333,626	\$3,653,926
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,247
Total Cost of Incentives	26,715,300.06	\$1,511,195	\$1,501,965	\$2,004,988	\$1,881,726	\$2,241,574	\$1,846,160	\$3,647,054	\$4,130,743	\$2,563,401	(\$3,818,218)	\$2,854,705	\$9,810,523	\$30,175,816	\$139,295,875
Revenues from Penalties	\$ (995,572)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$171,048)	(\$171,048)	(\$2,284,762)

¹ Incentives reported are net of penalties paid by the aggregators.

² Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in BIP programs.

Table I-5b
Pacific Gas and Electric Company
Demand Response Programs and Activities
Carryover and Incentive Funding
December 2022

Annual Total Expenditures													
Cost Item ¹	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Incentives incurred in 2022
Program Incentives													
Automatic Demand Response (AutoDR)	\$0	\$0	\$0	(\$450)	(\$100)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$550)
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAM Phase 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAM Phase 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DRAM Phase 3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Excess Supply Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Permanent Load Shift	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SmartAC™	\$0	\$0	\$0	\$141	\$629	\$761	\$202	\$150	\$932	\$349	\$0	(\$1,844)	\$1,320
Total Cost of Incentives	\$0	\$0	\$0	(\$309)	\$529	\$761	\$202	\$150	\$932	\$349	\$0	(\$1,844)	\$770
Revenues from Penalties													

¹ Incentives on this page reflect incentives paid in 2019 from all prior funding cycles.

² Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in BIP programs.

Table I-7
Pacific Gas and Electric Company
2018-22 Marketing, Education and Outreach
Actual Expenditures
December 2022

PG&E's ME&O Actual Expenditures	2021 Expenditures	2018-22 Funding Cycle Customer Communication, Marketing, and Outreach												Year-to-Date Expenditures	Total Funding Cycle Expenditures to date	2018-22 Authorized Budget (if Applicable)
		January	February	March	April	May	June	July	August	September	October	November	December			
I. STATEWIDE MARKETING																
IOU Administrative Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Statewide ME&O contract	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
I. TOTAL STATEWIDE MARKETING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
II. UTILITY MARKETING BY ACTIVITY¹																
TOTAL AUTHORIZED UTILITY MARKETING BUDGET																\$13,570,000
PROGRAMS, RATES & ACTIVITIES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING																
Integrated Demand Side Marketing																N/A
Marketing My Account/Energy and Integrated Online Audit Tools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Critical Peak Pricing > 200 kW																N/A
Demand Bidding Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Real Time Pricing																N/A
Permanent Load Shifting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Circuit Savers																N/A
Small Commercial Technology Deployment																N/A
Enabling Technologies (e.g., AutoDR, TI)	\$ 208,579	\$ 40,342	\$ 18,469	\$ 44,696	\$ 20,396	\$ 18,496	\$ 23,519	\$ 3,280	\$ 13,099	\$ 22,010	\$ 7,067	\$ 15,878	\$ 11,495	\$ 238,749	\$ 580,012.38	
PeakChoice																N/A
Customer Awareness, Education and Outreach	\$ 312,869	\$ 60,513	\$ 27,704	\$ 67,044	\$ 30,594	\$ 27,743	\$ 35,279	\$ 4,921	\$ 19,648	\$ 33,015	\$ 10,601	\$ 23,817	\$ 17,243	\$ 358,123	\$ 870,018.58	
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																
SmartAC	\$ 287,587	\$ 11,064	\$ 103,543	\$ 93,012	\$ 460,489	\$ 176,968	\$ 98,538	\$ 469,199	\$ 197,264	\$ 61,641	\$ 411,602	\$ 44,956	\$ 75,501	\$ 2,203,776	\$ 4,244,310.70	
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 250,426	\$ 4,057	\$ 87,599	\$ 71,546	\$ 417,268	\$ 173,726	\$ 80,882	\$ 451,849	\$ 181,539	\$ 36,426	\$ 382,319	\$ 37,366	\$ 70,501	\$ 1,995,078	\$ 3,844,115	
Labor	\$ 37,161	\$ 7,007	\$ 15,944	\$ 21,466	\$ 43,221	\$ 3,242	\$ 17,656	\$ 17,350	\$ 15,726	\$ 25,215	\$ 29,283	\$ 7,589	\$ 4,249	\$ 207,948	\$ 383,000	
Paid Media	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 750	\$ 17,196	
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 809,035	\$ 111,919	\$ 149,716	\$ 204,753	\$ 511,478	\$ 223,207	\$ 157,337	\$ 477,400	\$ 230,011	\$ 116,666	\$ 429,271	\$ 84,651	\$ 104,239	\$ 2,800,648	\$ 5,694,341.66	\$ 13,570,000
III. UTILITY MARKETING BY ITEMIZED COST																
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 250,426	\$ 88,541	\$ 98,429	\$ 77,101	\$ 433,330	\$ 174,198	\$ 111,101	\$ 440,268	\$ 181,522	\$ 38,689	\$ 382,883	\$ 37,981	\$ 99,004	\$ 2,163,047	\$ 4,129,656	
Labor	\$ 558,609	\$ 23,378	\$ 51,287	\$ 126,152	\$ 78,148	\$ 49,009	\$ 46,235	\$ 37,132	\$ 48,490	\$ 77,977	\$ 46,387	\$ 466,704.9	\$ 4,485	\$ 635,351	\$ 1,533,295	
Paid Media	\$ 1,847	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Other Costs	\$ -	\$ -	\$ -	\$ 1,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750	\$ 2,250	\$ 33,238	
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 810,882	\$ 111,919	\$ 149,716	\$ 204,753	\$ 511,478	\$ 223,207	\$ 157,337	\$ 477,400	\$ 230,011	\$ 116,666	\$ 429,271	\$ 84,651	\$ 104,239	\$ 2,800,648	\$ 5,696,189.14	\$ 13,570,000
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																
Agricultural	\$ 78,217	\$ 15,128	\$ 6,926	\$ 16,761	\$ 7,648	\$ 6,936	\$ 8,820	\$ 1,230	\$ 4,912	\$ 8,254	\$ 2,650	\$ 5,954	\$ 4,311	\$ 89,531	\$ 217,505	
Large Commercial and Industrial	\$ 443,231	\$ 85,727	\$ 39,247	\$ 94,980	\$ 43,341	\$ 39,303	\$ 49,979	\$ 6,971	\$ 27,835	\$ 46,772	\$ 15,018	\$ 33,741	\$ 24,427	\$ 507,341	\$ 1,232,526	
Small and Medium Commercial	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Residential	\$ 289,435	\$ 11,064	\$ 103,543	\$ 93,013	\$ 460,489	\$ 176,968	\$ 98,538	\$ 469,199	\$ 197,264	\$ 61,641	\$ 411,602	\$ 44,956	\$ 75,501	\$ 2,203,777	\$ 4,246,159	
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$ 810,882	\$ 111,919	\$ 149,716	\$ 204,754	\$ 511,478	\$ 223,207	\$ 157,337	\$ 477,400	\$ 230,011	\$ 116,666	\$ 429,271	\$ 84,651	\$ 104,239	\$ 2,800,649	\$ 5,696,190.14	\$ 13,570,000

¹Utility Marketing includes all activities to market individual utility programs or rates, demand response concepts, and customer tools, that were approved or directed by Decision 14-05-025, whether or not the marketing budget was approved as a line item in the Decision. For example, PG&E should not include marketing for TOU and PDP because funding was authorized in another proceeding. However, PG&E must document all amounts spent on marketing individual demand response programs even though a specific marketing budget was not approved for the program. This example applies to all of the utilities. The programs and activities listed in item II of the template are meant as examples, and may not be exhaustive. However, the utilities must include all programs or rates that meet this description. The totals for items II, III and IV should be equal.

**Pacific Gas and Electric Company
2022 Fund Shifting Documentation
December 2022**

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: Supply-Side DR Programs	(\$5,800,000)	SmartAC (admin)	5/19/2022	To make up for a shortfall of \$9,999,585 needed to pay for CPUC required IT system upgrades and related costs. Approved in E -5181 on May 19, 2022
Category 2: Load Modifying DR Programs				
Category 3: DRAM and Rule 24/32				
Category 4: Emerging and Enabling Technology				
Category 5: Pilots	(\$4,200,000)	Supply Side Pilot	5/19/2022	To make up for a shortfall of \$9,999,585 needed to pay for CPUC required IT system upgrades and related costs. Approved in E -5181 on May 19, 2022
Category 6: Marketing, Education, and Outreach (ME&O)				
Category 7: Portfolio Support (includes EM&V, Systems Support, and Notifications)	\$10,000,000.00	Support for Market Activities and Support for Retail and Customer Facing Activities	5/19/2022	To make up for a shortfall of \$9,999,585 needed to pay for CPUC required IT system upgrades and related costs. Approved in E -5181 on May 19, 2022
Category 8: Integrated Programs and Activities				
Total	\$0			