Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for September 2019



October 21, 2019 Public Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for September 2019. This report is being sent to the Energy Division via EnergyDivisionCentralFiles@cpuc.ca.gov and served on the service list for A.11-03-001

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

Table I-1 Pacific Gas and Electric Company Interruptible and Price Responsive Programs Subscription Statistics - Enrolled MW Sentember 2019

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

		January			February			March			April			May			June		
PROGRAMS	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 ⁶	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Eligible Accounts as o Jan 1, 2019
PILOT PROGRAMS ¹																			
SSP II (Load Decrease)																			
Non-Residential ⁴	34	N/A	N/A	36	N/A	N/A	37	N/A	N/A	39	N/A	N/A	39	N/A	N/A	39	N/A	N/A	N/
Residential	0	N/A	N/A	0	N/A	N/A	0		N/A	0			0			0		N/A	N/
XSP (Load Increase)			1471		1471			1471	1471			1471	Ü	1471	1071		1471	1471	1.4
Non-Residential	9	N/A	N/A	9	N/A	N/A	9	N/A	N/A	10	N/A	N/A	10	N/A	N/A	11	N/A	N/A	N/
Residential	0	N/A	N/A	0		N/A	0	N/A	N/A	0	N/A		0	N/A	N/A	0	N/A	N/A	N/
INTERUPTIBLE RELIABILITY PROGRAMS 3	U	N/A	N/A		N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	IN/
BIP - Day Of	420	209	218	419	215	217	420	224	218	423	241	220	430	259	223	453	287	235	10,93
OBMC	16	0	0	16	0	0	16	0	0	16	0		16	0	0	16	0	0	N/
SLRP	0	0	이	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	N/
SmartAC [™] - Commercial	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	N/
SmartAC [™] - Residential	108,211	0	34	107,354	0	33	106,475	0	33	105,533	0		104,475	32	32	103,390	51	32	N/
Sub-Total Interruptible	108,647	209	252	107,789	215	251	106,911	224	251	105,972	241	252	104,921	290	256	103,859	338	267	
PRICE-RESPONSIVE PROGRAMS ²																			
CBP - Day Ahead	0	0	0	0	0	0	0	0	0	0	0	0	427	17	19	563	23	25	603,88
PDP (200 kW or above)	1,543	8	22	1,428	8	20	1,410	8	20	1,401	8	20	1,373	8	19	1,361	7	19	7,29
PDP (above 20 kW & below 200 kW)	29,937	0	4	27,979	0	4	27,691	0	4	27,355	0	4	26,871	-5	4	25,348	0	4	95,83
PDP (20 kW or below)	105,256	0	0	104,326	0	0	103,605	0	0	102,598	0	0	100,269	0	0	92,203	0	0	315,41
SmartRate [™] - Residential	88,309	2	14	77,281	2	12	76,503	2	12	66,544	4	11	66,552	6	11	66,531	9	11	N/
Sub-Total Price Response	225,045	10	40	211.014	10	37		10	36	197,898	12	34		26	53		39	58	
		219			225			234		303.870	253	287	300.413	316		289.865		326	
Total All Programs			292	318,803		287		234	287	303,870	253	287	300,413	316	308	289,865	377	326	
								234 September		303,870	253 October	287	300,413	316 November		289,865		326	
		July	292		225 August	287		September	287	303,870	October		300,413	November	308	289,865	377 December		
		219			225					303,870 Service Accounts		Ex Post Estimated MW	300,413 Service Accounts			289,865 Service Accounts	377	Ex Post Estimated MW	Eligible Accounts as of Jan 1, 2019
Total All Programs	333,692 Service	July Ex Ante Estimated	Ex Post Estimated	318,803 Service	August Ex Ante Estimated	287 Ex Post Estimated	316,120 Service	September Ex Ante Estimated	287 Ex Post Estimated	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of
Total All Programs Programs	333,692 Service	July Ex Ante Estimated	Ex Post Estimated	318,803 Service	August Ex Ante Estimated	287 Ex Post Estimated	316,120 Service	September Ex Ante Estimated	287 Ex Post Estimated	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of
Programs Programs PILOT PROGRAMS ¹ SSP II (Load Decrease)	Service Accounts	July Ex Ante Estimated MW	Ex Post Estimated MW	318,803 Service Accounts	August Ex Ante Estimated MW	Ex Post Estimated MW	316,120 Service Accounts	September Ex Ante Estimated MW	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o Jan 1, 2019
Programs Programs PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴	Service Accounts	July Ex Ante Estimated MW	Ex Post Estimated MW	318,803 Service Accounts	August Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	September Ex Ante Estimated MW	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o Jan 1, 2019
Programs Programs PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential	Service Accounts	July Ex Ante Estimated MW	Ex Post Estimated MW	318,803 Service Accounts	August Ex Ante Estimated MW	Ex Post Estimated MW	316,120 Service Accounts	September Ex Ante Estimated MW	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o Jan 1, 2019
Programs Programs PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase)	Service Accounts	July Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	August Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	September Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o' Jan 1, 2019
Programs Programs PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential	Service Accounts	July Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	August Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	September Ex Ante Estimated MW N/A N/A N/A	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/.
Programs Programs PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Residential Residential	Service Accounts	July Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	August Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service Accounts	September Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as or Jan 1, 2019 N/ N/
Programs Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Residential INTERUPTIBLE RELIABILITY PROGRAMS ³	Service Accounts 39 0	July Ex Ante Estimated MW N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A N/A	Service Accounts	August Ex Ante Estimated MW N/A N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A N/A	Service Accounts	Ex Ante Estimated MW N/A N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o' Jan 1, 2019 N/ N/
Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Residential Residential Residential Residential Residential Residential	333,692 Service Accounts 39 0 11 0 506	July Ex Ante Estimated MW N/A N/A N/A 309	Ex Post Estimated MW	318,803 Service Accounts 39 0 11 0 514	August Ex Ante Estimated MW N/A N/A	Ex Post Estimated MW	316,120 Service Accounts 39 0 11 0 517	Ex Ante Estimated MW N/A N/A N/A N/A 297	Ex Post Estimated MW	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as o' Jan 1, 2019 N/ N/ N/ 10,93
Programs Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Residential INTERUPTIBLE RELIABILITY PROGRAMS ³	Service Accounts 39 0	July Ex Ante Estimated MW N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A N/A	Service Accounts	August Ex Ante Estimated MW N/A N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A N/A	Service Accounts	Ex Ante Estimated MW N/A N/A N/A N/A	Ex Post Estimated MW N/A N/A N/A	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/. N/. N/. N/. N/. N/. 10,93
PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential ⁴ Residential (Residential Residential	333,692 Service Accounts 39 0 11 0 506	July Ex Ante Estimated MW N/A N/A N/A 309	Ex Post Estimated MW N/A N/A N/A N/A	318,803 Service Accounts 39 0 11 0 514	August Ex Ante Estimated MW N/A N/A N/A 310	Ex Post Estimated MW N/A N/A N/A N/A	316,120 Service Accounts 39 0 11 0 517	Ex Ante Estimated MW N/A N/A N/A N/A 297	Ex Post Estimated MW N/A N/A N/A 268	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/. N/. N/. N/. N/. N/. 10,93
Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Residential INTERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC	333,692 Service Accounts 39 0 11 0 506 16	July Ex Ante Estimated MW N/A N/A N/A N/A 309 0	Ex Post Estimated MW N/A N/A N/A N/A	318,803 Service Accounts 39 0 11 0 514 16	August Ex Ante Estimated MW N/A N/A N/A 310 0	Ex Post Estimated MW N/A N/A N/A N/A	316,120 Service Accounts 39 0 11 0 517 16	Ex Ante Estimated MW N/A N/A N/A N/A 297 0	Ex Post Estimated MW N/A N/A N/A 268	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/,
PILOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential ⁴ Residential (Residential Residential	333,692 Service Accounts 39 0 111 0 506 16 0	July Ex Ante Estimated MW N/A N/A N/A 309 0 0	Ex Post Estimated MW N/A N/A N/A N/A	318,803 Service Accounts 39 0 11 10 514 166 0 0	August Ex Ante Estimated MW N/A N/A 310 0	Ex Post Estimated MW N/A N/A N/A N/A	316,120 Service Accounts 39 0 111 0 517 16 0	September Ex Ante Estimated MW N/A N/A N/A 297 0 0	Ex Post Estimated MW N/A N/A N/A 268	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/, N/, N/, N/, N/, N/, N/, N/, N/, N/
Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential Resident	333,692 Service Accounts 39 0 11 0 506 16 0 0	July Ex Ante Estimated MW N/A N/A N/A N/A 0 0 0 0	Ex Post Estimated MW N/A N/A N/A 0 0 0 0	318,803 Service Accounts 39 0 11 0 514 16 0 0	August Ex Ante Estimated MW N/A N/A N/A 310 0 0	Ex Post Estimated MW N/A N/A N/A 0 0 0 0	316,120 Service Accounts 39 0 11 0 517 16 0 0 99,560	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 0	Ex Post Estimated MW N/A N/A N/A 0 0 0 0	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/, N/, N/, N/, N/, N/, N/, N/, N/, N/
Programs Programs Programs PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential SINTERUPTIBLE RELIABILITY PROGRAMS BIP - Day of OBMC SIRP SmartAC SIRP SmartAC Residential Sub-Total Interruptible	333,692 Service Accounts 39 0 111 0 506 16 0 0 102,180	July Ex Ante Estimated MW N/A N/A N/A 0 0 0 0 0 533	Ex Post Estimated MW N/A N/A N/A 0 0 0 0 3 32	318,803 Service Accounts 39 0 11 0 514 16 0 0 100,727	August Ex Ante Estimated MW N/A N/A N/A 310 0 0 4 4 9	287 Ex Post Estimated MW N/A N/A N/A 0 0 0 0 3 11	316,120 Service Accounts 39 0 11 0 517 16 0 0 99,560	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 0 43	Ex Post Estimated MW N/A N/A N/A 0 0 0 0 3 11	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of
Programs Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential INTERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC SLRP SmartAC TM - Commercial SmartAC TM - Residential SmartAC TM - Residential SmartAC Total Interruptible PRICE-RESPONSIVE PROGRAMS ²	333,692 Service Accounts 39 0 11 0 506 16 0 0 102,180 102,702	219 July Ex Ante Estimated MW N/A N/A N/A 309 0 0 0 53 363	Ex Post Estimated MW N/A N/A N/A 263 0 0 0 32 294	318,803 Service Accounts 39 0 11 0 514 16 0 0 100,727 101,257	225 August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359	Ex Post Estimated MW N/A N/A N/A 0 0 1 267	316,120 Service Accounts 39 0 111 0 517 16 0 9,560 100,093	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 43 340	Ex Post Estimated MW N/A N/A N/A 268 0 0 311	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/,
Programs Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential Residential INTERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC SLRP SmartAC TM - Commercial SmartAC TM - Residential Sub-Total Interruptible PRICE-RESPONSIVE PROGRAMS ² CBP - Day Ahead	333,692 Service Accounts 39 0 11 0 506 16 0 0 102,180 102,702	219 July Ex Ante Estimated MW N/A N/A N/A N/A 0 0 0 0 0 53 363	Ex Post Estimated MW N/A N/A N/A 0 0 0 0 32 294	318,803 Service Accounts 39 0 11 0 514 16 0 0 100,727 101,257	August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359	Ex Post Estimated MW N/A N/A N/A N/A 267 0 0 31 298	316,120 Service Accounts 39 0 11 0 517 16 0 99,560 100,093	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 43 340	Ex Post Estimated MW N/A N/A N/A N/A 268 0 0 0 31 299	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as or Jan 1, 2019 NV NV NV 10,93 N N N N N N N N N N N N N N N N N N N
Programs Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential SIMERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC SLRP SmartAC TM - Commercial SmartAC TM - Residential Sub-Total Interruptible PRICE-RESPONSIVE PROGRAMS ² CBP - Day Ahead PDP (200 kW or above)	333,692 Service Accounts 39 0 11 0 506 16 0 102,180 102,702 726 1,287	219 July Ex Ante Estimated MW N/A N/A N/A 309 0 0 53 363 29 9	Ex Post Estimated MW N/A N/A N/A 263 0 0 0 32 294	318,803 Service Accounts 39 0 11 0 514 16 0 100,727 101,257	225 August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359	Ex Post Estimated MW N/A N/A N/A 0 0 1 267	316,120 Service Accounts 39 0 111 0 517 16 0 0 99,560 100,093 783 1,280	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 43 340	Ex Post Estimated MW N/A N/A N/A 0 0 0 31 299	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as or Jan 1, 2019 N/ N/ N/ N/ 10,93 N/
Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential INTERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC SLRP SmartAC TM - Commercial SmartAC TM - Residential Sub-Total Interruptible PRICE-RESPONSIVE PROGRAMS ² CBP - Day Ahead PDP (200 kW or above) PIOP (above 20 kW & below 200 kW)	333,692 Service Accounts 39 0 111 0 506 16 0 0 102,180 102,702 726 1,287 25,031	July	Ex Post Estimated MW N/A N/A N/A 0 0 0 0 32 294	318,803 Service Accounts 39 0 111 0 514 16 0 0 100,727 101,257 797 1,285 24,767	225 August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359 32 8 0 0	Ex Post Estimated MW N/A N/A N/A N/A 267 0 0 31 298	316,120 Service Accounts 39 0 111 0 517 16 0 99,560 100,093 783 1,280 24,405 24,405	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 43 340 32 8 0	Ex Post Estimated MW N/A N/A N/A 268 0 0 31 299 35	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as or Jan 1, 2019 N/
Programs Programs PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Res	333,692 Service Accounts 39 0 11 0 506 16 0 102,180 102,180 1,287 25,031 91,889	July Ex Ante Estimated MW N/A N/A N/A 309 0 0 53 363 29 9 0.8 0	Ex Post Estimated MW N/A N/A N/A N/A 263 0 0 22 294 4 4 4 0 0 0	318,803 Service Accounts 39 0 11 0 514 16 0 0 100,727 101,257 1,285 24,767 90,698	225 August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359 32 8	Ex Post Estimated MW N/A N/A N/A N/A 267 0 0 31 298 35 18	316,120 Service Accounts 39 0 11 0 517 16 0 9,560 100,093 1,280 24,405 88,306	September Ex Ante Estimated MW N/A N/A N/A N/A 297 0 0 0 43 340 322 8 0 0	Ex Post MW N/A N/A N/A N/A 1268 0 0 0 31 299 35 18 4 4 0 0 0 0	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/,
Programs Programs PiLOT PROGRAMS ¹ SSP II (Load Decrease) Non-Residential ⁴ Residential XSP (Load Increase) Non-Residential INTERUPTIBLE RELIABILITY PROGRAMS ³ BIP - Day of OBMC SLRP SmartAC TM - Commercial SmartAC TM - Residential Sub-Total Interruptible PRICE-RESPONSIVE PROGRAMS ² CBP - Day Ahead PDP (200 kW or above) PIOP (above 20 kW & below 200 kW)	333,692 Service Accounts 39 0 111 0 506 16 0 0 102,180 102,702 726 1,287 25,031	July	Ex Post Estimated MW N/A N/A N/A 263 0 0 32 294 18 4 4	318,803 Service Accounts 39 0 111 0 514 16 0 0 100,727 101,257 797 1,285 24,767	225 August Ex Ante Estimated MW N/A N/A N/A 310 0 0 49 359 352 8 0 0	Ex Post Estimated MW N/A N/A N/A 267 0 0 0 31 298 355 18 4	316,120 Service Accounts 39 0 111 0 517 16 0 99,580 100,983 783 1,280 24,405 88,306 66,519	September Ex Ante Estimated MW N/A N/A N/A 297 0 0 43 340 32 8 0	Ex Post Estimated MW N/A N/A N/A 268 0 0 31 299 35 18	Service	October Ex Ante Estimated	Ex Post Estimated	Service	November Ex Ante Estimated	308 Ex Post Estimated	Service	377 December Ex Ante Estimated	Ex Post Estimated	Eligible Accounts as of Jan 1, 2019 N/. N/. N/. N/. N/. N/. N/. N/. N/. N/

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 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.

Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 2, 2019 (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 1 - 6 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 2, 2019 (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.

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¹ For Pilot Program SSP II (Load Decrease) and XSP Pilot Program (Load Increase), in the absence of a formal load impact evaluation, PG&E estimates SSP 950 kW and XSP 2860 kW.

² There are some SmartRateTM 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.

 $^{^{\}rm 4}$ Revised February Non-residential SSP II (Load Decrease) Service Account count.

⁵ Data was revised due to true-up for BIP enrollments from January through April.

⁶ Negative number in May for PDP (above 20 kW & below 200 kW) is due to the event window not lining up with the RA measurement window.

Pacific Gas and Electric Company Average Ex Ante Load Impact kW / Customer September 2019

Program Eligibility and Ex Ante Average Load Impacts 1

Program Eligibility and Ex Ante Average					Average	Ex Ante Lo	ad Impact	kW / Custo	mer					
Program	January	February	March	April	May	June	July	August	September	October	November		Eligible Accounts as of Jan 1, 2019	Eligibility Criteria (Refer to tariff for specifics)
BIP - Day Of	496.82	513.23	534.51	570.28	601.49	632.75	611.62	602.71	575.26	576.11	537.31	519.27	10,900	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW.
ОВМС	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 TM - 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 TM - Residential	N/A	N/A	N/A	N/A	0.30	0.50	0.52	0.49	0.43	0.18	N/A	N/A	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
CBP - Day Ahead	N/A	N/A	N/A	N/A	40.29	40.29	40.29	40.29	40.29	40.29	N/A	N/A	5.4 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.
PDP (200 kW or above)	5.49	5.49	5.49	5.80	6.02	5.50	6.99	6.25	6.25	5.92	5.49	5.49	7,000	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW
PDP (above 20 kW & below 200 kW)	0.00	0.00	0.00	0.00	-0.20	0.01	0.03	0.01	0.00	-0.06	0.00	0.00	90,000	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)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	315,000	and 12 consecutive months of interval data.
SmartRate [™] - Residential	0.02	0.02	0.02	0.05	0.09	0.13	0.14	0.13	0.12	0.06	0.02	0.02	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 2, 2019 (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 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 September 2019

Program Eligibility and Ex Post Average Load Impacts 1

Program Eligibility and Ex Post Ave	rugo Louu	шрасс		Average Ex Post Load Impact kW / Customer										
Program	January	February	March	April	May	June	July	August	September	October	November	December	Eligible Accounts as of Jan 1, 2019	Eligibility Criteria (Refer to tariff for specifics)
BIP - Day Of	519.05	519.05	519.05	519.05	519.05	519.05	519.05	519.05	519.05	519.05	519.05	519.05	10,900	Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW.
ОВМС	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	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 PC&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	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	Not Available	Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.
CBP - Day Ahead	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34	44.34	5.4 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.
PDP (200 kW or above)	13.97	13.97	13.97	13.97	13.97	13.97	13.97	13.97	13.97	13.97	13.97	13.97	7,000	Default beginning on: May 1, 2010 for bundled C&I Customers >200kW Maximum Demand;
PDP (above 20 kW & below 200 kW)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	90,000	February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with <200 kW Maximum Demand and 12 consecutive months of interval data.
PDP (20 kW or below)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	315,000	Customers with \$200 KVV Maximum Demand and 12 consecutive months of interval data.
SmartRateTM - Residential	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	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 2, 2019 (R.13-09-011). Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account from the typical event for the preceding 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.

Table I-2 Pacific Gas and Electric Company Program Subscription Statistics September 2019

2019 Detailed Breakdown of MWs To Date in TA/	Auto DR/TI Pr	ograms																						
		JAN	IUARY		L	FEB	RUARY			MAR	СН			A	PRIL		L	N	MAY			JI	UNE	
PROGRAM	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	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs
PILOT PROGRAMS																								
SSP II (Load Decrease)	21/4																							
Non-Residential Residential	N/A N/A	0.0	0.0	0.0	N/A N/A	0.0	0.0	0.0	N/A N/A	0.0	0.0	0.0	N/A N/A	0.00	0.00	0.00	N/A N/A	0.00	0.00	0.00	N/A N/A	0.00	0.00	0.00
XSP (Load Increase)	IN/A	0.01	0.01	0.0	IV/A	0.01	0.01	0.0	IN/A	0.01	0.01	0.0	IVA	0.001	0.001	0.00	INA	0.001	0.00	0.00	N/A	0.00	0.001	0.00
Non-Residential	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00
Residential	N/A	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	N/A	0.00	0.00	0.00		0.00	0.00	0.00	N/A			0.00
PRICE-RESPONSIVE PROGRAMS																								
CBP	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00
PDP SmartRate™ - Residential	N/A N/A	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	N/A N/A	0.01	0.00	0.01	N/A N/A	0.00	0.00	0.00	N/A N/A		0.00	0.00
SmartAC™ - Residential	N/A N/A	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0		0.00	0.00	0.00		0.00	0.00	0.00	N/A N/A		0.00	0.00
SmartAC™ - Residential	N/A	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	N/A	0.00	0.00	0.00		0.00	0.00	0.00	N/A	0.00	0.00	0.00
DRAM ²	N/A	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	N/A	0.00	0.00	0.00		0.00	0.00	0.00	N/A		0.00	0.00
Total	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.01	0.00	0.01	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00
INTERUPTIBLE RELIABILITY PROGRAMS																								,,,,,
BIP - Day of	N/A	0.0	0.0	0.0			0.0	0.0		0.0	0.0	0.0	N/A	0.00		0.00	N/A	0.00	0.00	0.00	N/A		0.00	0.00
OBMC	N/A	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	N/A	0.00	0.00	0.00		0.00	0.00	0.00	N/A		0.00	0.00
SLRP	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0		0.0	0.0	0.0	N/A	0.00	0.00	0.00	_	0.00	0.00	0.00	N/A	0.00	0.00	0.00
Total	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00
TOTAL TECHNOLOGY MWs	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.0	0.0	0.0	N/A	0.01	0.00	0.01	N/A	0.00	0.00	0.00	N/A	0.00	0.00	0.00
GENERAL PROGRAM			I							1					1									
TA (may also be enrolled in TI and AutoDR)	0.0	N/A	N/A	N/A	0.0		N/A	N/A	0.0	N/A	N/A	N/A	0.00	N/A	N/A	N/A	0.00	N/A	N/A	N/A	0.00	N/A	N/A	N/A
Total	0.0	N/A	N/A	N/A	0.0		N/A	N/A	_	N/A	N/A	N/A	0.0	N/A		N/A		N/A	N/A	N/A	0.0		N/A	N/A
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	0.00	N/A	N/A	N/A	0.00	N/A	N/A	N/A	0.00	N/A	N/A	N/A
TOTAL TA MWS	0.0		N/A ULY	N/A	0.0		N/A GUST	N/A	0.0	N/A SEPTE		N/A	0.00		N/A TOBER	N/A	0.00		N/A EMBER	N/A	0.00		N/A EMBER	N/A
PROGRAM	TA Identified MWs			Total Technology MWs	TA Identified MWs			Total Technology MWs	TA Identified MWs			Total Technology MWs	TA Identified MWs			Total Technology MWs	TA Identified MWs			Total Technology MWs	TA Identified MWs		,	Total Technology MWs
PROGRAM PILOT PROGRAMS	TA Identified	Auto DR Verified	ULY TI Verified	Total Technology	TA Identified	Auto DR Verified	GUST TI Verified	Total Technology	TA Identified	SEPTE Auto DR Verified	MBER TI Verified	Total Technology	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease)	TA Identified MWs	Auto DR Verified MWs ¹	ULY TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	GUST TI Verified MWs	Total Technology MWs	TA Identified MWs	SEPTE Auto DR Verified MWs ¹	MBER TI Verified MWs	Total Technology	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs 1	GUST TI Verified MWs	Total Technology MWs	TA Identified MWs	SEPTE Auto DR Verified MWs 1	MBER TI Verified MWs	Total Technology MWs	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease)	TA Identified MWs	Auto DR Verified MWs ¹	ULY TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs 1	GUST TI Verified MWs	Total Technology MWs	TA Identified MWs	SEPTE Auto DR Verified MWs ¹	MBER TI Verified MWs	Total Technology	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential	TA Identified MWs	Auto DR Verified MWs ¹	ULY TI Verified MWs 0.00 0.00 0.00	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	GUST TI Verified MWs 0.0 0.0 0.0	Total Technology MWs	TA Identified MWs	SEPTE Auto DR Verified MWs ¹ 0.0 0.0 0.0	MBER TI Verified MWs	Total Technology MWS	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential	TA Identified MWs	Auto DR Verified MWs ¹	TI Verified MWs	Total Technology MWs	TA Identified MWs	Auto DR Verified MWs ¹	GUST TI Verified MWs	Total Technology MWs	TA Identified MWs	SEPTE Auto DR Verified MWs 1	MBER TI Verified MWs	Total Technology MWs	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAMS SSP II (Load Docrease) Non-Residential Residential XSP (Load Increase) Non-Residential	TA Identified MWs	Auto DR Verified MWs ¹	ULY TI Verified MWs 0.00 0.00 0.00 0.00	Total Technology MWs 0.000 0.000 0.51	TA Identified MWs	Auto DR Verified MWs ¹	0.0 0.0 0.0 0.0 0.0	Total Technology MWs	TA Identified MWs N/A N/A N/A N/A	SEPTE Auto DR Verified MWs 0.0 0.0 0.0 0.0	MBER TI Verified MWs 0.0 0.0 0.0 0.0	Total Technology MWs	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential	TA Identified MWs N/A N/A N/A N/A N/A	J Auto DR Verified MWs ¹ 0.00 0.00 0.51 0.00	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00	Total Technology MWs 0.00 0.00 0.01 0.51 0.00	TA Identified MWs N/A N/A N/A N/A	Auto DR Verified MWs ¹ 0.0 0.0 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	TA Identified MWs	SEPTE Auto DR Verifled MWs 1 0.0 0.0 0.0 0.0	MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential Residential PRICE-RESPONSIVE PROGRAMS CBP	TA Identified MWs	Auto DR Verified MWs ¹	ULY TI Verified MWs 0.00 0.00 0.00 0.00	Total Technology MWs 0.000 0.000 0.51	TA Identified MWs	Auto DR Verified MWs ¹	0.0 0.0 0.0 0.0 0.0	Total Technology MWs	TA Identified MWs N/A N/A N/A N/A N/A 0.73 1.36	SEPTE Auto DR Verified MWs 0.0 0.0 0.0 0.0	MBER TI Verified MWs 0.0 0.0 0.0 0.0	Total Technology MWs	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	July Auto DR Verified MWs 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00	Total Technology MWs 0.00 0.000 0.000 0.000 0.000 0.000	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	AU Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs N/A N/A N/A N/A N/A 1.36 N/A N/A	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential SmartAC ··· Commercial SmartAC ··· Cessidential	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	June 20 June 2	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.000 0.51 0.000 0.000 0.000 0.000	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 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	TA Identified MWs N/A N/A N/A N/A N/A 1.36 N/A N/A N/A N/A	SEPTE Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	### MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	July Auto DR Verified MWs 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	ULY TI Verified MW's 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.000 0.51 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	TA Identified M/Ws N/A N/A N/A N/A N/A N/A N/A N/	AUto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential DRAM ² Total	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	June 20 June 2	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.000 0.51 0.000 0.000 0.000 0.000	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	AUto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 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	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A	SEPTE Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	### MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWS 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential Res	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	Jule 2 Ju	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Technology MWs 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	TA Identified MWs NIA NIA NIA NIA NIA NIA NIA NIA	AUto DR Verified MWs ¹ 0.0 0.0	GUST TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential Residential Residential Residential Residential Residential PRICE-RESPONSIVE PROGRAMS CBP PDP SmarfActa-N-Residential SmartAC N-Residential DRAM2 Total INTERUPTIBLE RELIABILITY PROGRAMS BIP- Day of	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	January Januar	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Technology MWs 0.00 0.00 0.51 0.00 0.00 0.00 0.00 0.0	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	AU Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 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	TA Identified MWs N/A N/A N/A N/A 0.73 1.36 N/A	SEPTE Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential Res	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	JI Auto DR Verified MWs 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	TA Identified MWs NIA	AUto DR Verified MWs ¹ 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	SEPTE Auto DR Verified MWs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Docrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential Residential Residential Residential Residential Residential Residential PRICE-RESPONSIVE PROGRAMS CBP PDP SmartRato ** - Residential SmartAC ** - Residential DRAM** Total INTERUPTIBLE RELIABILITY PROGRAMS BIP - Day of OBMC SLRP	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	January Auto DR Verified MWs 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Technology MWs 0.000 0.000 0.51 0.000	TA Identified M/Ws N/A N/A N/A N/A N/A N/A N/A N/	Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs N/A N/A N/A N/A 1.36 N/A N/A 1.36 N/A N/A N/A N/A N/A N/A N/A N/	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential PRICE-RESPONSIVE PROGRAMS CBP PRICE-RESPONSIVE PROGRAMS CBP ROMATICATE No Residential SmartAC No Commercial SmartAC No Commercial SmartAC No Commercial DRAM2 Total INTERUPTIBLE RELIABILITY PROGRAMS BIP - Day of OBMC S.RP Total	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	JI Auto DR Verified MWs 1	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.000 0.551 0.000	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs NIAI NIAI NIAI NIAI NIAI NIAI NIAI NI	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential PROGRAMS CBP POIP Roll - Residential SmartAC W - Residential DRAM ² Total INTERUPTIBLE RELIABILITY PROGRAMS BIP - Day of OBMC SLRP TOtal TOTAL TECHNOLOGY MWS	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	January Auto DR Verified MWs 1	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	Total Technology MWs 0.000 0.000 0.51 0.000	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/	Auto DR Verified MWs ¹ 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs NIAI NIAI NIAI NIAI NIAI NIAI NIAI NI	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential Residential Residential Residential Residential Residential Residential PRICE-RESPONSIVE PROGRAMS CBP PDP SmartRate** - Residential SmartAC** - Residential SmartAC** - Residential DRAM** Total INTERUPTIBLE RELIABILITY PROGRAMS BIP - Day of OBMC SLRP Total Total TOTAL TECHNOLOGY MWS GENERAL PROGRAM	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	JI Auto DR Verified MWs 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.	TA Identified MWs	Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs N/A N/A	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential Res	TA Identified MV/s N/A	June 1 Auto DR Verified MWs 1	ULY Ti Verified MW's 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	Total Technology MWs 0.00 0.00 0.51 0.00 0.00 0.00 0.00 0.0	TA Identified MWs	AUto DR Verified MWVs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	GUST Ti Verified MWVs 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified N/A N/A N/A N/A N/A N/A N/A N/	SEPTE Auto DR Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology
PROGRAM PILOT PROGRAMS SSP II (Load Decrease) Non-Residential Residential XSP (Load Increase) Non-Residential Residential Residential Residential Residential Residential PRICE-RESPONSIVE PROGRAMS CBP PDP SmarfActon-Residential SmarAC Normercial SmarAC Normercial SmarAC Normercial INTERUPTIBLE RELIABILITY PROGRAMS Bill- Day of OBMC OBMC SILPP Total TOTAL TECHNOLOGY MWS GENERAL PROGRAM	TA Identified MWs N/A N/A N/A N/A N/A N/A N/A N/A N/A N/	JI Auto DR Verified MWs 1 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	ULY TI Verified MWs 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	Total Technology MWs 0.000 0.	TA Identified MWs	AUto DR Verified MW/s 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	TA Identified MWs N/A	SEPTE Auto DR Verified MWs 1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	MBER TI Verified MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Total Technology MWs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	TA Identified MWs	OC1 Auto DR Verified	TI Verified	Total Technology	TA Identified	NOV Auto DR Verified	EMBER TI Verified	Total Technology	TA Identified	DECI Auto DR Verified	EMBER TI Verified	Total Technology

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 Research to the equipment and customers 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 Research to the equipment and customers 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 Research to the equipment and customers 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 Research to the equipment and customers 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 Research to the equipment and customers 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 Research to the equipment and the remaining 40% incentive is paid based on performance values. Office and Retail <499 kW excepted and paid at 100%. Unable to verify Research to the equipment and the remaining 40% incentive is paid based on performance values. Office and Retail <499 kW excepted and paid at 100%. Unable to verify Research to the equipment and the remaining 40% incentive is paid based on performance values. Office and the equipment and the remaining 40% incentive is paid based on performance values. Office and the equipment and the remaining 40% incentive is paid based on performance values. Office and the equipment and the remaining 40% incentive is paid to the equipment and the remaining 40

Table I-3a Pacific Gas and Electric Company Demand Response Programs and Activities 2018-22 Incremental Cost Funding September 2019

2018 Program Expenditures

Cost Item	2017 Expenditures	2018 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2019 Expenditures	Program-to-Date 2019 Admin Expenditures	2018-22 Funding 3	Fund shift Adjustments	Percent Funding ³
Category 1: Supply-Side DR Programs																			1
AC Cycling: Smart AC	\$0	\$4,906,619	\$243,948	\$183,028	\$293,765	\$435,861	\$223,581	\$199,565	\$434,734	\$91,447	\$202,937				\$2,308,866	\$7,215,485	\$31,978,000	ı	23.69
Base Interruptible Program (BIP)	\$0	\$353,891	\$23,166	\$29,856	\$29,288	\$28,870	\$25,892	\$27,015	\$24,223	\$26,222	\$37,747				\$252,277	\$606,168	\$161,770,000	ı	28.29
Capacity Bidding Program (CBP)	\$0	\$411,485	\$26,308	\$32,621	\$31,902	\$30,313	\$28,745	\$33,020	\$26,796	\$27,129	\$35,572				\$272,407	\$683,892	\$20,518,000	-	18.69
Budget Category 1 Total	\$0	\$5,671,995	\$293,422	\$245,505	\$354,956	\$495,044	\$278,218	\$259,600	\$485,752	\$144,798	\$276,256				\$2,833,550	\$8,505,545	\$214,266,000	\$0	4.0%
Category 2: Load Modifying DR Programs																		ı	
OMBC/SLRP	\$0	\$6,618	\$677	\$312	\$701	\$88	\$414	\$395	\$227	\$706	\$478				\$3,998	\$10,615	\$63,000	ı	16.89
Permanent Load Shifting (PLS)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$0	\$0		0.09
Budget Category 2 Total	\$0	\$6,618	\$677	\$312	\$701	\$88	\$414	\$395	\$227	\$706	\$478				\$3,998	\$10,615	\$63,000	\$0	16.89
Category 3: DRAM and Rule 24/32																		ı	
DRAM Phase 4	\$6,548	\$117,661	\$5,485	\$19,067	\$17,268	\$7,718	\$16,051	\$18,280	\$9,575	\$14,828	\$4,219				\$112,492	\$236,700	\$6,000,000	1	3.99
Rule 24 O&M	\$0	\$978,544	\$85.898	\$84.096	\$216.073	\$118,213	\$124,669	\$106,283	\$113,059	\$120,980	\$94,228				\$1.063.499	\$2.042.043	\$12,931,000	1	15.89
Budget Category 3 Total	\$6,548	\$1.096.205	\$91,383	\$103.163	\$233,341	\$125,931	\$140,719	\$124,563	\$122,634	\$135,808	\$98,448				\$1,175,990	\$2,278,743	\$18,931,000	\$0	
Category 4: Emerging & Enabling Programs	11,040	Ţ.,,,,,,,,,,,	\$2.,500	Ţ,		Ţ. <u></u> ,	¥ , . 10	Ţ. <u>Ţ.</u> Ţ.	Ţ.ZZ,204	Ţ,	122,.40				\$1,112,000	4=,=,7-40	Ţ,UU		1
Auto DR ⁴	so	\$2.289.176	\$160.229	\$152.867	\$138.107	\$169.590	\$37.010	\$295.576	\$122.077	\$129.024	\$107.344				\$1.311.825	\$3.601.001	\$20.446.000	1	19.49
DR Emerging Technology	\$0	\$612.928	\$71.805	\$46.599	\$39,294	\$36,473	\$33,486	\$23,206	\$23,326	\$39.514	\$107,344				\$332.189	\$945.117	\$7,230,000	ı	13.19
Budget Category 4 Total	\$0	\$2,902,104	\$232,034	\$199,466	\$177,402	\$206,063	\$70,496	\$318,782	\$145,404	\$168,538	\$125,829				\$1,644,013	\$4.546.117	\$27,676,000	\$0	
	90	\$2,302,104	9232,034	\$100,400	\$177,402	Ψ200,000	\$10,400	\$310,70Z	\$143,404	\$100,000	\$125,025				\$1,044,013	\$4,540,117	\$21,010,000	1	10.47
Category 5: Pilots																		1	
Supply Side Pilot	\$0	\$531,947	\$33,774	\$65,589	\$149,473	\$87,891	\$83,686	\$145,352	\$86,331	\$54,588	\$35,663				\$742,348	\$1,274,295	\$6,337,000	1	22.69
Excess Supply	\$0	\$402,119	\$23,102	\$29,516	\$32,193	\$24,451	\$21,366	\$35,814	\$25,134	\$33,026	\$24,939				\$249,539	\$651,658	\$1,813,000	ı	55.49
Local Capacity Planning Areas and Disadvantaged Communities Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$0	\$1,000,000		0.09
Budget Category 5 Total	\$0	\$934,066	\$56,876	\$95,105	\$181,666	\$112,342	\$105,052	\$181,166	\$111,465	\$87,613	\$60,602				\$991,887	\$1,925,954	\$9,150,000	\$0	21.09
Category 6: Marketing, Education, and Outreach (ME&O)																		1	
DR Core Marketing & Outreach	\$0	\$2,117,477	\$22,924	\$25,283	\$43,391	\$28,179	\$117,649	\$102,056	\$113,864	\$85,891	\$73,042				\$612,278	\$2,729,755	\$12,221,000	1	22.39
Education and Training	\$0	\$59,672	\$4,871	\$2,304	\$7,495	\$7,494	\$746	\$9,199	\$1,823	\$4,483	\$18,419				\$56,835	\$116,506	\$1,350,000		8.69
Budget Category 6 Total	\$0	\$2,177,149	\$27,794	\$27,586	\$50,887	\$35,674	\$118,395	\$111,255	\$115,687	\$90,373	\$91,461				\$669,113	\$2,846,262	\$13,571,000	\$0	21.09
Category 7: Portfolio Support (includes EM&V, Systems Support, and Notifications)																		I	
DR Measurement and Evaluation (DRMEC)	\$0	\$828,689	\$198,258	\$233,062	\$141,913	\$145,780	\$83,597	\$67,901	\$68,477	\$20,017	\$77,720				\$1,036,726	\$1,865,415	\$11,777,000	ı	15.89
DR Integration Policy & Planning	\$0	\$1,659,483	\$106,175	\$126,824	\$173,797	\$107,568	\$145,037	\$131,756	\$84,225	\$130,098	\$73,057				\$1,078,535	\$2,738,018	\$8,386,000	ı	32.69
Support for Market Activities	\$0	\$2,574,481	\$366,080	\$514,739	\$311,098	\$449,908	\$375,136	\$379,176	\$419,514	\$404,556	\$370,080				\$3,590,288	\$6,164,769	\$13,524,000	1	45.69
Support for Retail & Customer Facing Activities	\$0	\$5,005,602	\$306,198	\$95,130	\$351,166	\$376,581	\$320,832	\$494,751	\$407,309	\$389,604	\$366,989				\$3,108,559	\$8,114,161	\$19,928,000	ı	40.79
DR Potential Study	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$0	\$2,000,000		0.09
Budget Category 7 Total	\$0	\$10,068,255	\$976,711	\$969,755	\$977,974	\$1,079,838	\$924,602	\$1,073,583	\$979,525	\$944,274	\$887,846				\$8,814,108	\$18,882,363	\$55,615,000	\$0	34.09
Category 8: Integrated Programs and Activities (Including Technical Assistance) ²																		I	
Technology Incentives - IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$0	\$0	1	0.09
Integrated Energy Audits	\$0	\$30,321	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$30,321	\$30,321	i	100.09
Residential IDSM	\$0	\$0	\$0	so so	\$0	\$0	\$0	\$0	\$0	\$0	so l				\$0	\$0	\$5,000,000	i	0.09
Non Residential IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$0	\$39,969,679	1	0.09
Budget Category 8 Total	\$0	\$30,321	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0	\$30,321	\$45,000,000	\$0	
Recovery of DR-related capital costs prior to 2009 (for interval metering as authorized in D.06-03-024/D.06-11-049); and, additionally, for the HAN Integration project (as authorized in D.12-04-045).	\$0	\$1,992,495	\$162.424	\$162,281	\$161.109	\$160.898	\$160.314	\$158,701	\$158,839	\$158.607	\$157,108				\$1.440.281	\$3.432.776	\$0	\$0	0.09
Total Incremental Cost 3	**					,													
rotal incremental Cost -	\$6,548	\$24,879,208	\$1,841,322	\$1,803,173	\$2,138,035	\$2,215,878	\$1,798,209	\$2,228,045	\$2,119,533	\$1,730,718	\$1,698,027		1		\$17,572,940	\$42,458,695	\$384,272,000	\$0	11.09
Technical Assistance & Technology Incentives (TA&TI) Identified as of September 2019	\$0]																	

¹ The expenditures listed are in support of PG&E's DR programs for large commercial, industrial and agricultural customers.

Additional funding for Technology Incentives and Integrated Energy Audits was approved in Energy Hudits was approved in Energy Eliciency Decision 14-10-046. This funding was to continue through 2025 unless the Commission issues a superseding funding decision. On May 31 2018, the Commission issued a superseding decision via the EE Business Plan which allocated \$9m to PG&E for IDSM projects (\$1m to Residential and \$m to non-Residential). Since the funding was approved after the cycle had started, PG&E incurred some costs for integrated Energy Audits prior to the decision being issued - those funds have now been redirected as per the EE Business Plan decision.

³ Total Incremental Cost excludes incentives (only Admin costs are reported here). Incentives are reported on Table I-5. 2018-22 Funding and Percent Funding includes incentives (reported on Table I-5) to accurately show budget used.

Table I-3b Pacific Gas and Electric Company Demand Response Programs and Activities Carry-Over Expenditures and Funding September 2019

Cost Item ¹	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Expenditures incurred in 2019
Category 1: Reliability Programs													
Base Interruptible Program (BIP)	\$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
Budget Category 1 Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Category 2: Price-Responsive Programs	1	**	**	- 40	**		- 40		1				,
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
SmartAC TM	\$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
	+	**	**	- 40	**		- 40		**				70
Category 3: DR Provider/Aggregator Managed Programs Aggregator Managed Portfolio (AMP)	\$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 \$0	\$0 \$0				\$0
	90	40	90	40	\$0	40	φυ	40	90				φ0
Category 4: Emerging & Enabling Programs Auto DR	\$19,920	\$39.540	\$51,500	\$14,350	\$5,400	\$6,100	\$0	(\$50,990)	\$8,900				\$94,720
DR Emerging Technology	\$19,920	\$39,540 \$0	\$51,500	\$14,350 \$0	\$5,400 \$0	\$6,100	\$0 \$0	(\$50,990) \$0	\$8,900				\$94,720
Budget Category 4 Total	\$19,920	\$39,540	\$51,500	\$14,350	\$5,400	\$6,100	\$0 \$0	(\$50,990)	\$8,900				\$94,720
	\$13,320	\$33,340	ψ31,300	ψ14,550	\$3,400	\$0,100	40	(\$30,330)	ψ0,300				\$34,720
Category 5: Pilots Supply Side Pilot	\$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	\$0 \$0	\$0 \$0				\$0
Budget Category 5 Total	\$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
DR Research Studies	\$20,000	\$10,000	\$57,387	\$14,763	\$14,763	\$14,763	(\$18,579)	\$10,000	\$0				\$123,097
Budget Category 6 Total	\$20,000	\$10,000	\$57,387	\$14,763	\$14,763	\$14,763	(\$18,579)	\$10,000	\$0				\$123,097
Category 7: Marketing, Education and Outreach	V20,000	\$10,000	\$0.,00.	VIII,100	\$1.1,1.00	\$1.1,1.00	(4.0,0.0)	4.0,000	**				V.20,00
DR Core Marketing and Outreach	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
SmartAC™ ME&O	(\$384)	\$5,817	(\$5,817)	\$0	\$0	\$0	\$0	\$0	\$0				(\$384)
Education and Training	\$0	\$0	\$255	\$0	\$0	\$62	\$0	\$0	\$0				\$317
Budget Category 7 Total	(\$384)	\$5,817	(\$5,562)	\$0	\$0	\$62	\$0	\$0	\$0				(\$66)
Category 8: DR System Support Activities	(, ,	, .	(, , , , ,	• • • • • • • • • • • • • • • • • • • •				• • • • • • • • • • • • • • • • • • • •	, ,				(,)
InterAct / DR Forecasting Tool	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
DR Enrollment & Support ²	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Notifications	\$65	\$0 \$0	\$0 \$0	(\$67,940)	\$827	\$0	\$0	\$0	\$0				(\$67,048)
DR Integration Policy & Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Budget Category 8 Total	\$65	\$0	\$0	(\$67,940)	\$827	\$0	\$0	\$0	\$0				(\$67,048)
Category 9: Integrated Programs and Activities (Including Technical Assistance)		-		. , ,		·							,
Technology Incentives - IDSM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Integrated Energy Audits	(\$1,527)	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$221				(\$1,306)
Budget Category 9 Total	(\$1,527)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$221				(\$1,306)
Category 10: Special Projects	(\$1,021)	**		- 40	**		- 40		¥==:				(\$1,000)
Demand Response Auction Mechanism Pilot Phase 1	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0				\$0
Demand Response Auction Mechanism Pilot Phase 2	\$627	(\$470)	\$434	\$1,134	(\$753)	\$756	(\$169)	(\$131)	\$3,368				\$4,797
Demand Response Auction Mechanism Pilot Phase 3	\$7,897	\$24,060	\$22,067	\$7,401	\$18,875	\$19,750	\$9,333	\$17,785	\$4,725				\$131,895
Rule 24 O&M	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0				\$0
Permanent Load Shifting	\$3,461	\$5,672	\$700	\$1,134	\$4,044	\$9,782	\$4,093	\$6,830	\$0				\$35,716
Budget Category 10 Total	\$11,985	\$29,263	\$23,201	\$9,669	\$22,166	\$30,288	\$13,257	\$24,484	\$3,671				\$172,408
Total Incremental Cost	\$50.060	\$84,619	\$126,526	(\$29,158)	\$43,157	\$51,214	(\$5,322)	(\$16,506)	\$12,792		İ	İ	\$321,806

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 September 2019

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	FEB	SubLap/Zone (1): ZP26 PGZP	1	2/23/2019	Day Of	Transmission Emergency	119	7:00 PM	10:00 PM	3	REDACTED
Base Interruptible Program	MAR	SubLap/Zones (14): Central Coast PGCC, East Bay PGEB, Fresno PGF1, Geysers PGFG, Humbolt PGHB, Kern PGKN, North Bay PGNB, North Coast PGNC, North of Path 15 PGNP, Peninsula PGP2, San Francisco PGSF, Sierra PGS1, South Bay PGSB, Stockton PGST	2	3/12/2019	Day Of	PG&E Test	303	6:30 AM	9:30 AM	3	170.5
Optional Bidding Mandatory Curtailment (OBMC) / Scheduled Load Reduction (SLRP)											
Category 2: Price-Responsive Progr	rams										
Capacity Bidding Program	JUL	Sublap/Zones (12): Central Coast PGCC, East Bay PGEB, Geysers PGFG, Kern PGKN, North Bay PGNB, North of Path 15 PGNP, Peninsula PGP2, South Bay PGSB, San Francisco PGSF, Sierra PGSI, Stockton PGST, ZP26 PGZP	1	7/24/19	Day Ahead	PG&E Test	531	6:00 PM	8:00 PM	2	13.1
Capacity Bidding Program	JUL	SubLap/Zones (2): South Bay PGSB, Peninsula PGP2	1	7/24/19	Day Ahead	CAISO Market Award	60	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	JUL	SubLap/Zones (1): Fresno PGF1	2	7/25/19	Day Ahead	PG&E Test	3	7:00 PM	8:00 PM	1	REDACTED
Capacity Bidding Program	AUG	SubLap/Zones (1): South Bay PGSB	3	8/14/19	Day Ahead	CAISO Market Award	60	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	AUG	SubLap/Zones (1): South Bay PGSB	3	8/14/19	Day Ahead	CAISO Market Award	1	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	AUG	SubLap/Zones (2): San Francisco PGSF, South Bay PGSB	4	8/15/19	Day Ahead	CAISO Market Award	82	5:00 PM	7:00 PM	2	REDACTED
Capacity Bidding Program	AUG	SubLap/Zones (2): San Francisco PGSF, South Bay PGSB	4	8/15/19	Day Ahead	CAISO Market Award	2	4:00 PM	7:00 PM	3	REDACTED
Capacity Bidding Program	AUG	SubLap/Zones (5): Geysers PGFG, North Bay PGNB, Peninsula PGP2, South Bay PGSB, San Francisco PGSF	5	8/27/19	Day Ahead	CAISO Market Award	194	6:00 PM	7:00 PM	1	6.9
Capacity Bidding Program	AUG	SubLap/Zones (2): Peninsula PGP2, South Bay PGSB	5	8/27/19	Day Ahead	CAISO Market Award	2	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	SEPT	SubLap/Zones (1): South Bay PGSB	6	9/5/19	Day Ahead	CAISO Market Award	60	6:00 PM	7:00 PM	1	1.7
Capacity Bidding Program	SEPT	SubLap/Zones (2): Peninsula PGP2, South Bay PGSB	6	9/5/19	Day Ahead	CAISO Market Award	2	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	SEPT	SubLap/Zones (1): South Bay PGSB	7	9/13/19	Day Ahead	CAISO Market Award	60	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	SEPT	SubLap/Zones (2): Peninsula PGP2, South Bay PGSB	7	9/13/19	Day Ahead	CAISO Market Award	2	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	SEPT	SubLap/Zones (11): South Bay PGSB, Central Coast PGCC, East Bay PGEB, Fresno PGF1, Kern PGKN, North Bay PGNB, Peninsula PGP2, South Bay PGSB, San Francisco PGSF, Stockton PGST, ZP26 PGZP	8	9/24/19	Day Ahead	CAISO Market Award	619	6:00 PM	7:00 PM	1	17.0
Capacity Bidding Program	SEPT	SubLap/Zones (2): Peninsula PGP2, South Bay PGSB	8	9/24/19	Day Ahead	CAISO Market Award	2	6:00 PM	7:00 PM	1	REDACTED
Capacity Bidding Program	SEPT	SubLap/Zones (2): South Bay PGSB, San Francisco PGSF	9	9/25/19	Day Ahead	CAISO Market Award	61	5:00 PM	7:00 PM	2	REDACTED
Capacity Bidding Program	SEPT	bLap/Zones (2): Peninsula PGP2, South Bay PG	9	9/25/19	Day Ahead	CAISO Market Award	2	5:00 PM	7:00 PM	2	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 days of the venets occur, and other lesser effects etc. An Ex Ante forecasts 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 sannual 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-4 Pacific Gas and Electric Company Interruptible and Price Responsive Programs Year-to-Date Event Summary Soptember 2019

	1	I	ı		1		I			ı	
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) ^{2,3}
Category 2: Price-Responsive Programs (co	ontinued)				1						
Peak Day Pricing	JUN	System	1	6/11/19	Day Ahead	Temperature	1,373	2:00 PM	6:00 PM	4	17.9
Peak Day Pricing	JUL	System	2	7/24/19	Day Ahead	Temperature	1,361	2:00 PM	6:00 PM	4	12.6
Peak Day Pricing	JUL	System	3	7/26/19	Day Ahead	Temperature	1,361	2:00 PM	6:00 PM	4	12.1
Peak Day Pricing	AUG	System	4	8/13/19	Day Ahead	Temperature	1,287	2:00 PM	6:00 PM	4	12.9
Peak Day Pricing	AUG	System	5	8/14/19	Day Ahead	Temperature	1,287	2:00 PM	6:00 PM	4	15.7
Peak Day Pricing	AUG	System	6	8/16/19	Day Ahead	Temperature	1,287	2:00 PM	6:00 PM	4	18.1
Peak Day Pricing	AUG	System	7	8/26/19	Day Ahead	Temperature	1,287	2:00 PM	6:00 PM	4	14.3
Peak Day Pricing	AUG	System	8	8/27/19	Day Ahead	Temperature	1,287	2:00 PM	6:00 PM	4	7.8
Peak Day Pricing	SEP	System	9	9/13/19	Day Ahead	Temperature	1,285	2:00 PM	6:00 PM	4	6.1
SmartAC	JUL	SubLap/Zones (3): Fresno PGF1, Kern PGKN, ZP26 PGZP	1	7/24/19	Day Ahead	CAISO Market Award	25,407	4:00 PM	7:00 PM	3	3.7
SmartAC	JUL	SubLap/Zones (3): Fresno PGF1, Kern PGKN,	2	7/25/19	Day Ahead	CAISO Market Award	25,407	3:00 PM	6:00 PM	3	6.2
		ZP26 PGZP					· ·				
SmartAC	JUL	System SubLap/Zones (5): East Bay PGEB, North Bay	3	7/27/19	Day Ahead	PG&E Test	103,390	4:00 PM	7:00 PM	3	38.5
SmartAC	AUG	PGNB, Peninsula PGP2, South Bay PGSB, Sierra PGSI	4	8/14/19	Day Ahead	CAISO Market Award	40,323	4:00 PM	7:00 PM	3	19.0
SmartAC	AUG	System	5	8/15/19	Day Ahead	PG&E Test	93,774	4:00 PM	6:30 PM	2.5	42.1
SmartAC	AUG	SubLap/Zones (3): Fresno PGF1, Kern PGKN, ZP26 PGZP	6	8/16/19	Day Ahead	CAISO Market Award	25,407	5:00 PM	8:00 AM	3	9.6
SmartAC	AUG	SubLap/Zones (7): Fresno PGF1, Kern PGKN, North Coast PGNC, North of Path 15 PGNP, Sierra PGSI, Stockton PGST, ZP26 PGZP	7	8/26/19	Day Ahead	CAISO Market Award	63,306	3:00 PM	6:00 PM	3	21.3
SmartAC	AUG	SubLap/Zones (6): Fresno PGF1, Kern PGKN, North of Path 15 PGNP, Sierra PGSI, Stockton PGST, ZP26 PGZP	8	8/27/19	Day Ahead	CAISO Market Award	62,733	2:00 PM	5:00 PM	3	19.5
SmartAC	AUG	SubLap/Zones (1): North Coast PGNC	8	8/27/19	Day Ahead	CAISO Market Award	573	3:00 PM	5:00 PM	2	0.0
SmartAC	SEP	SubLap/Zones (2): Peninsula PGP2, South Bay PGSB	9	9/13/19	Day Ahead	CAISO Market Award	10,688	5:00 PM	8:00 PM	3	3.9
SmartAC	SEP	SubLap/Zones (1): North Bay PGNB	9	9/19/19	Day Ahead	CAISO Market Award	2,787	3:00 PM	5:00 PM	2	0.4
SmartAC	SEP	SubLap/Zones (3): East Bay PGEB, Peninsula PGP2, South Bay PGSB	10	9/25/19	Day Ahead	CAISO Market Award	32,762	3:00 PM	6:00 PM	3	10.7
SmartRate	JUN	System	1	6/11/19	Day Ahead	Temperature	66,552	2:00 PM	7:00 PM	5	15.8
SmartRate	JUL	System	2	7/24/19	Day Ahead	Temperature	66,531	2:00 PM	7:00 PM	5	17.3
SmartRate	JUL	System	3	7/26/19	Day Ahead	Temperature	66,531	2:00 PM	7:00 PM	5	7.4
SmartRate	AUG	System	4	8/14/19	Day Ahead	Temperature	66,501	2:00 PM	7:00 PM	5	15.2
SmartRate	AUG	System	5	8/15/19	Day Ahead	Temperature	66,501	2:00 PM	7:00 PM	5	17.8
SmartRate	AUG	System	6	8/16/19	Day Ahead	Temperature	66,501	2:00 PM	7:00 PM	5	14.2
SmartRate	AUG	System	7	8/26/19	Day Ahead	Temperature	66,501	2:00 PM	7:00 PM	5	16.4
SmartRate	AUG	System	8	8/27/19	Day Ahead	Temperature	66,501	2:00 PM	7:00 PM	5	13.4
SmartRate	SEP	System	9	9/13/19	Day Ahead	Temperature	66,427	2:00 PM	7:00 PM	5	26.2
			l		1		L	1	1	L	

Table I-5a Pacific Gas and Electric Company 2018-22 Demand Response Programs Incentives September 2019

Cost Item	2018 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost	Program-t Date Tota
	Experientares													Total Gost	Cost
Program Incentives														'	
Automatic Demand Response (AutoDR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51,852	\$60,740	\$246,960				\$359,552	\$359,55
Base Interruptible Program (BIP)	\$26,647,119	\$1,773,680	\$ 1,375,018	\$ 1,718,461	\$2,116,530	2,222,488	\$2,253,182	1,068,766	\$2,830,343	\$2,951,915				\$18,310,383	\$44,957,50
Capacity Bidding Program (CBP) 1	\$1,612,847	\$4,361	\$0	(\$884)	\$0	\$59,237	\$16,140	423,552	\$315,585	\$703,967				\$1,521,957	\$3,134,80
DRAM Phase 4 ²	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED				REDACTED	REDACTE
Excess Supply Pilot	\$213,683	\$12,168	\$22,650	(\$2,019)	\$18,560	\$27,850	\$27,850	\$8,278	(\$8,764)	\$31,934				\$138,507	\$352,19
SmartAC [™]	\$265,350	\$1,100	\$750	\$23,500	\$2,550	\$2,550	\$150	\$0	\$12,750	\$9,600				\$52,950	\$318,30
Supply Side Pilot	\$91,720	\$15,465	\$9,600	\$3,136	\$5,079	\$9,600	\$9,600	\$8,347	\$5,817	\$350				\$66,994	\$158,71
Total Cost of Incentives	\$28,830,720	\$1,806,774	\$1,408,018	\$1,742,195	\$2,142,719	\$2,321,725	\$2,306,921	\$1,560,795	\$3,216,470	\$3,944,725				\$20,450,344	\$49,281,06
Revenues from Penalties ³	\$ 646,138	\$185,994	\$0	\$0	\$888	\$136,494	\$123.090	\$0	\$45,680	\$58,439				\$550,585	\$1,196,72

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

Table I-5b Pacific Gas and Electric Company Demand Response Programs and Activities Carryover and Incentive Funding September 2019

Annual Total Cost													
Cost Item ¹	January	February	March	April	May	June	July	August	September	October	November	December	Carry-Over Incentives incurred in 2019
Program Incentives													
Automatic Demand Response (AutoDR)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Base Interruptible Program (BIP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Capacity Bidding Program (CBP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
DRAM Phase 1 ²	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED				REDACTED
DRAM Phase 2 ²	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED				REDACTED
DRAM Phase 3 ²	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED	REDACTED				REDACTED
Excess Supply Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Permanent Load Shift	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
Supply Side Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				\$0
SmartAC TM	\$1,550	\$20	\$0	\$1,600	(\$49)	\$55	\$0	\$1	\$0				\$3,177
Total Cost of Incentives	\$1,550	\$20	\$0	\$1,600	(\$49)	\$55	\$0	\$1	\$0				\$3,177
Revenues from Penalties	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				

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

² DRAM incentives are confidential and redacted for the public version. The MWs under contract are known, and the costs are being paid under the contracts that won in the RFO.

Table I-7 Pacific Gas and Electric Company 2018-22 Marketing, Education and Outreach Actual Expenditures September 2019

PG&E's ME&O Actual Expenditures					2018-	22 Funding Cyc	le Customer Co	ommunication,	Marketing, and	Outreach							2018-22
	2018 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date 2019 Expenditures	Total Funding Cycle expenditures to date	2019 Authorized Budget (if Applicable)	Authorized Budget (if Applicable)
I. STATEWIDE MARKETING																	
IOU Administrative Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Statewide ME&O contract	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
I. TOTAL STATEWIDE MARKETING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
II. UTILITY MARKETING BY ACTIVITY ¹ TOTAL AUTHORIZED UTILITY MARKETING BUDGET																\$2,650,000	\$13,570,00
PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING																	
Integrated Demand Side Marketing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Marketing My Account/Energy and Integrated Online Audit Tools	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				\$ -	\$ -		
Critical Peak Pricing > 200 kW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Demand Bidding Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				\$ -	\$ -		
Real Time Pricing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Permanent Load Shifting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				\$ -	\$ -		
Circuit Savers	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Small Commercial Technology Deployment	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Enabling Technologies (e.g., AutoDR, TI) ²	\$ 132,685	\$ 6,816	\$ 6,512	\$ 9,412	\$ 7,614	\$ 11,240	\$ 5,169	\$ 5,101	\$ 7,892	\$ 16,021				\$ 75,777	\$ 208,462.14		
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 ²	\$ 199,027	\$ 10,225	\$ 9,769	\$ 14,118	\$ 11,420	\$ 16,861	\$ 7,753	\$ 7,652	\$ 11,838	\$ 24,032				\$ 113,667	\$ 312,693.91		
PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING																	
SmartAC	\$ 1,752,947	\$ 10,753	\$ 11,306	\$ 27,357	\$ 16,640	\$ 90,294	\$ 98,333	\$ 102,928	\$ 70,643	\$ 51,408				\$ 479,661	\$ 2,232,608.59		
Customer Research	ş -	ş -	ş -	ş -	ş -	ş -	\$ -	ş -	ş -	ş -				ş -	ş -		
Collateral- Development, Printing, Distribution etc. (all non-labor costs) ³	\$ 1,598,611	\$ 787	\$ 3,599	\$ 14,402		\$ 63,442	\$ 92,699	\$ 88,573	\$ 36,924					\$ 333,368			
Labor	\$ 137,890	\$ 9,966	\$ 7,706	\$ 12,955		\$ 26,852	\$ 5,634	\$ 14,354	\$ 33,719	\$ 22,201				\$ 146,293	\$ 284,183		
Paid Media	ļ\$ -	\$ -	ş -	s -	ş -	\$ -	S -	ş -	ş -	, -				Ş -	\$ -		
Other Costs II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 16,446 \$ 2,084,659	\$ 27,794	\$ 27,586	\$ 50.887	\$ 35.674	\$ 118,395	\$ 111,255	\$ 115,681	\$ 90,373	\$ 91.461		s -		\$ 669.106	\$ 16,446		
II. TOTAL UTILITY MARKETING BY ACTIVITY	\$ 2,084,659	\$ 27,794	\$ 27,586	\$ 50,887	\$ 35,674	\$ 118,395	\$ 111,255	\$ 115,681	\$ 90,373	\$ 91,461	5 -	\$ -	5 -	\$ 669,106	\$ 2,753,764.64	\$ 2,650,000	\$ 13,570,00
III. UTILITY MARKETING BY ITEMIZED COST																	
Customer Research	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				\$ -	\$ -		
Collateral- Development, Printing, Distribution etc. (all non-labor costs)	\$ 1,716,183	\$ 839	\$ 3,599	\$ 14,402	\$ 4,626	\$ 63,525	\$ 92,672	\$ 88,573	\$ 36,924	\$ 29,207				\$ 334,368	\$ 2,050,551		
Labor ⁴	\$ 339,335	\$ 25,601	\$ 22,633	\$ 36,485	\$ 29,693	\$ 54,870	\$ 18,583	\$ 25,752	\$ 53,449	\$ 62,254				\$ 329,319	\$ 668,654		
Paid Media	\$ -	\$ -	\$ -	ş -	\$ -	\$ -	\$ -	\$ -	ş -	\$ -				\$ -	\$ -		
Other Costs	\$ 29,141	\$ 1,355	\$ 1,355	\$ -	\$ 1,355	\$ -	\$ -	\$ 1,355	\$ -	\$ -				\$ 5,419	\$ 34,560		
III. TOTAL UTILITY MARKETING BY ITEMIZED COST	\$ 2,084,659	\$ 27,794	\$ 27,586	\$ 50,887	\$ 35,674	\$ 118,395	\$ 111,255	\$ 115,681	\$ 90,373	\$ 91,461	\$ -	\$ -	\$ -	\$ 669,106	\$ 2,753,764.74	\$ 2,650,000	\$ 13,570,00
IV. UTILITY MARKETING BY CUSTOMER SEGMENT																	
Agricultural ⁴	\$ 49,757	\$ 2,556	\$ 2,442	\$ 3,529	\$ 2,855	\$ 4,215	\$ 1,938	\$ 1,913	\$ 2,960	\$ 6,008				\$ 28,416	\$ 78,173		1
Large Commercial and Industrial ⁴	\$ 281,955	1		\$ 20,000		\$ 23,886		1		l				\$ 161,028			1
Small and Medium Commercial	5 201,555	5 -	\$ 13,033	s -	\$ -	\$ -	5 -	5 -	\$ 10,771	34,045				\$ 101,020			1
Residential	\$ 1.752.947	\$ 10.753	\$ 11.306	\$ 27.357	\$ 16.640	\$ 90.294	\$ 98,333	\$ 102.928	\$ 70.643	\$ 51.408				\$ 479.661	\$ 2.232.608		1
IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT	\$ 2.084,659	1 1/ 1/	, ,,,,,	\$ 50.887	\$ 35,674				\$ 90,373					\$ 669,106	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$ 2,650,000	\$ 13,570,00

*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 examples applies to all of the utilities. The programs and activities listed in Item II of the template are ment as examples, and may not be exhaustive. However, the utilities must include all programs or rates that meter does for Item II, III and IV should be equal of the utilities.

Pacific Gas and Electric Company 2019 Fund Shifting Documentation September 2019

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				
Category 2: Load Modifying DR Programs				
Category 3: DRAM and Rule 24/32				
Category 4: Emerging and Enabling Technology				
Category 5: Pilots				
Category 6: Marketing, Education, and Outreach (ME&O)				
Category 7: Portfolio Support (includes EM&V, Systems Support, and Notifications)				
Category 8: Integrated Programs and Activities				
Total	\$0		•	<u> </u>

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