| Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response                           |
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| Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for October 2016 |
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|   |
| November 21, 2016   |



| Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for October. 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 |
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| http://www.pge.com/mybusiness/energysavingsrebates/demandresponse/cs/   |
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## Table I-1 Pacific Gas and Electric Company Interruptible and Price Responsive Programs Subscription Statistics - Enrolled MW October 2016

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

|                                      |                                  | January                                 |   |                                  | February                                |   |                                  | March                                   |   |                                  | April                                   |   |                     | May                                     |   |                                  | June                                    |   |  |
|--------------------------------------|----------------------------------|---|---|----------------------------------|---|---|----------------------------------|---|---|----------------------------------|---|---|---------------------|---|---|----------------------------------|---|---|--|
| Programs                             | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | <sup>3</sup> Eligible<br>Accounts as of<br>Jan 1, 2016 |
| Interruptible/Reliability            |                                  |   |   |                                  |   |   |                                  |   |   |                                  |   |   |                     |   |   |                                  |   |   |  |
| BIP - Day Of                         | 218                              | 235                                     | 263                                     | 208                              | 233                                     | 251                                     | 210                              | 236                                     | 253                                     | 213                              | 247                                     | 257                                     | 240                 | 276                                     | 290                                     | 242                              | 293                                     | 292                                     | 10,795   |
| OBMC                                 | 22                               | 0                                       | 0                                       | 22                               | 0                                       | 0                                       | 22                               | 0                                       | 0                                       | 20                               | 0                                       | 0                                       | 19                  | 0                                       | 0                                       | 18                               | 0                                       | 0                                       | N/A  |
| SLRP                                 | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                   | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | N/A  |
| SmartAC <sup>TM</sup> - Commercial   | 4,337                            | 0                                       | 1                                       | 4,295                            | 0                                       | 1                                       | 4,265                            | 0                                       | 1                                       | 4,235                            | 0                                       | 1                                       | 4,196               | 2                                       | 1                                       | 4,169                            | 3                                       | 1                                       | N/A  |
| SmartAC <sup>™</sup> - Residential   | 153,363                          | 0                                       | 71                                      | 153,147                          | 0                                       | 70                                      | 152,765                          | 0                                       | 70                                      | 152,568                          |   | 70                                      | 151,835             | 44                                      | 70                                      | 151,567                          | 74                                      | 70                                      | N/A  |
| Sub-Total Interruptible              | 157,940                          | 235                                     | 335                                     | 157,672                          | 233                                     | 323                                     | 157,262                          | 236                                     | 325                                     | 157,036                          | 247                                     | 328                                     | 156,290             | 322                                     | 361                                     | 155,996                          | 370                                     | 363                                     |  |
| Price Response                       |                                  |   |   |                                  |   |   |                                  |   |   |                                  |   |   |                     |   |   |                                  |   |   |  |
| AMP - Day Of                         | 2,661                            | 0                                       | 179                                     | 2,672                            | 0                                       | 180                                     | 2,676                            | 0                                       | 180                                     | 2,533                            | 0                                       | 170                                     | 1,248               | 90                                      | 84                                      | 1,343                            | 79                                      | 90                                      | 599,649  |
| CBP - Day Ahead                      | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 17                  | 6                                       | 1                                       | 46                               | 6                                       | 4                                       | 599,649  |
| CBP - Day Of                         | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 422                 | 15                                      | 15                                      | 450                              | 15                                      | 16                                      | 000,040  |
| DBP                                  | 494                              | 23                                      | 19                                      | 493                              | 23                                      | 19                                      | 485                              | 22                                      | 18                                      | 481                              | 25                                      | 18                                      | 469                 | 23                                      | 18                                      | 457                              | 24                                      | 17                                      | 10,795   |
| PDP (200 kW or above)                | 2,099                            | 12                                      | 30                                      | 2,120                            | 12                                      | 30                                      | 2,111                            | 14                                      | 30                                      | 2,230                            | 29                                      | 32                                      | 2,218               | 30                                      | 31                                      | 2,219                            | 31                                      | 32                                      | 5,890  |
| PDP (above 20 kW & below 200 kW)     | 34,045                           | 2                                       | 8                                       | 33,594                           | 2                                       | 8                                       | 33,266                           | 2                                       | 8                                       | 33,012                           | 5                                       | 8                                       | 32,315              | 5                                       | 7                                       | 31,991                           | 6                                       | 7                                       | 81,268   |
| PDP (20 kW or below)                 | 190,682                          | 0                                       | 2                                       | 189,048                          | 0                                       | 2                                       | 187,469                          | 0                                       | 2                                       | 185,780                          | 2                                       | 2                                       | 182,615             | 2                                       | 2                                       | 180,546                          | 2                                       | 2                                       | 323,351  |
| SmartRate <sup>™</sup> - Residential | 144,524                          | 13                                      |   | 144,729                          | 13                                      | 45                                      | 145,535                          | 13                                      |   | 146,594                          | 13                                      | 45                                      | 146,355             | 19                                      | 45                                      | 146,340                          | 34                                      | 45                                      | Not Available  |
| Sub-Total Price Response             | 374,505                          | 50                                      | 282                                     | 372,656                          | 51                                      | 283                                     | 371,542                          | 51                                      | 283                                     | 370,630                          | 74                                      | 275                                     | 365,659             | 190                                     | 204                                     | 363,392                          | 197                                     | 213                                     |  |
| Total All Programs                   | 532,445                          | 285                                     | 617                                     | 530,328                          | 283                                     | 606                                     | 528,804                          | 287                                     | 608                                     | 527,666                          | 321                                     | 604                                     | 521,949             | 512                                     | 565                                     | 519,388                          | 567                                     | 576                                     |  |

|                                       |                                  | July                                    |   |                                  | August                                  |   |                                  | September                              |   |                                  | October                                 |   |                     | November                                |   |                                  | December                                |   |  |
|---------------------------------------|----------------------------------|---|---|----------------------------------|---|---|----------------------------------|--|---|----------------------------------|---|---|---------------------|---|---|----------------------------------|---|---|--|
| Programs                              | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimate<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | Service<br>Accounts <sup>3</sup> | Ex Ante<br>Estimated<br>MW <sup>1</sup> | Ex Post<br>Estimated<br>MW <sup>2</sup> | <sup>3</sup> Eligible<br>Accounts as of<br>Jan 1, 2016 |
| Interruptible/Reliability             |                                  |   | 9                                       |                                  | 9                                       |   |                                  |  | 9                                       |                                  | •                                       | •                                       |                     |   | •                                       |                                  | •                                       | •                                       |  |
| BIP - Day of                          | 247                              | 298                                     | 298                                     | 251                              | 308                                     | 303                                     | 250                              | 302                                    | 302                                     | 249                              | 305                                     | 301                                     |                     |   |   |                                  |   |   | 10,795   |
| OBMC                                  | 18                               | 0                                       | 0                                       | 18                               | 0                                       | 0                                       | 18                               | 0                                      | 0                                       | 18                               | 0                                       | 0                                       |                     |   |   |                                  |   |   | N/A  |
| SLRP                                  | 0                                | 0                                       | 0                                       | 0                                | 0                                       | 0                                       | 0                                | 0                                      | 0                                       | 0                                | 0                                       | 0                                       |                     |   |   |                                  |   |   | N/A  |
| SmartAC <sup>TM</sup> - Commercial    | 4,135                            | 3                                       | 1                                       | 4,098                            | 2                                       | 1                                       | 4,045                            | 2                                      | 1                                       | 4,027                            | 1                                       | 1                                       |                     |   |   |                                  |   |   | N/A  |
| SmartAC <sup>™</sup> - Residential    | 150,634                          |   |   | 151,253                          | 73                                      | 70                                      | 150,856                          | 68                                     |   | 151,760                          |   |   |                     |   |   |                                  |   |   | N/A  |
| Sub-Total Interruptible               | 155,034                          | 379                                     | 369                                     | 155,620                          | 383                                     | 374                                     | 155,169                          | 372                                    | 372                                     | 156,054                          | 334                                     | 371                                     |                     |   |   |                                  |   |   |  |
| Price Response                        |                                  |   |   |                                  |   |   |                                  |  |   |                                  |   |   |                     |   |   |                                  |   |   |  |
| AMP - Day Of                          | 1,292                            | 80                                      | 87                                      | 1,297                            | 80                                      | 87                                      | 1,302                            | 80                                     | 88                                      | 1,302                            | 80                                      | 88                                      |                     |   |   |                                  |   |   | 599,649  |
| CBP - Day Ahead                       | 41                               | 4                                       | 3                                       | 29                               | 4                                       | 2                                       | 30                               | 3                                      | 2                                       | 30                               | 3                                       | 2                                       |                     |   |   |                                  |   |   | 599,649  |
| CBP - Day Of                          | 427                              | 10                                      | 15                                      | 426                              | 10                                      | 15                                      | 334                              | 9                                      | 12                                      | 334                              | 7                                       | 12                                      | :                   |   |   |                                  |   |   |  |
| DBP                                   | 456                              | 24                                      | 17                                      | 455                              | 25                                      | 17                                      | 453                              | 24                                     |   | 451                              | 23                                      |   |                     |   |   |                                  |   |   | 10,795   |
| PDP (200 kW or above)                 | 2,178                            | 30                                      | 31                                      | 2,145                            | 31                                      | 30                                      | _,                               | 31                                     | 30                                      | 2,014                            | 27                                      | 29                                      |                     |   |   |                                  |   |   | 5,890  |
| PDP (above 20 kW & below 200 kW)      | 31,613                           | 6                                       | 7                                       | 31,178                           |   | 7                                       | 30,606                           | 5                                      | 7                                       | 34,426                           |   | 8                                       |                     |   |   |                                  |   |   | 81,268   |
| PDP (20 kW or below)                  | 178,937                          | 2                                       | 2                                       | 177,373                          |   | 2                                       | 174,365                          | 2                                      | 2                                       | 165,176                          |   | 2                                       |                     |   |   |                                  |   |   | 323,351  |
| SmartRate <sup>TM</sup> - Residential | 146,114                          |   |   | 146,151                          | 35                                      | 45                                      | 146,315                          |  |   | 146,286                          |   |   |                     |   |   |                                  |   |   | Not Available  |
| Sub-Total Price Response              | 361,058                          | 189                                     | 208                                     | ,                                | 192                                     | 206                                     | ,-                               | 183                                    |   | 350,019                          |   |   |                     |   |   | <u> </u>                         |   |   |  |
| Total All Programs                    | 516,092                          | 568                                     | 576                                     | 514,674                          | 575                                     | 580                                     | 510,680                          | 555                                    | 575                                     | 506,073                          | 496                                     | 574                                     |                     |   |   |                                  |   |   |  |

<sup>&</sup>lt;sup>1</sup> Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2015 Load Impact Report for Demand Response. The values reported are calculated by using the monthly ex ante average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the ex ante average load impact is the average hourly load impact for an event that would occur from 1 - 6 pm on the system peak day of the month. The Ex Ante Estimated MW value for the aggregator programs, e.g., AMP and CBP are the monthly nominated MW during the event season May through October.

NOTE: APRIL ILP ExPost data was corrected for the March SmartAC Commercial and SmartAC Residential.

May ILP the PDP data was corrected to reflect the accurate April data.

June ILP the CBP and BIP data for May was corrected to reflect the accurate data.

September ILP updates the Ex Ante and Ex Post MW for July and August; formula error.

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<sup>&</sup>lt;sup>2</sup> Ex Post Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 1, 2015 Load Impact Report for Demand Response. The values reported are calculated by using the annual ex post average load impact per customer multiplied by the number of currently enrolled service accounts for the reporting month, where the ex post load impact per customer is the average load impact per customer for those customers that may have participated in an event(s) during all actual event hours in the preceding year when or if events occurred. New programs report "n/a", as there were no prior events.

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

NOTE: Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the ex post or ex ante columns. Ex post estimates 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 estimates such as normalized weather conditions, expected customer mix during events, expected time of day 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 filed in the PG&E's annual April 1st Compliance Filing pursuant to Decision 08-04-050 and reporting, resource planning, and cost effectiveness analysis or in developing regulatory filings.

<sup>&</sup>lt;sup>4</sup> September data has been corrected to reflect acurate data

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

| Program Eligibility and Ex Ante Average               | ge Load Im | pacts    |        |        | Average | Fx Anto | l oad In | nact kW / | Customer  |         |          |          |                            |   |
|---|------------|----------|--------|--------|---------|---------|----------|-----------|-----------|---------|----------|----------|----------------------------|---|
| Program   |            |          |        |        |         |         |          |           |           |         |          | I        | Eligible<br>Accounts as of |   |
|   | January    | February | March  | April  | May     | June    | July     | August    | September | October | November | December | Jan 1, 2016 <sup>1</sup>   | Eligibility Criteria (Refer to tariff for specifics)  |
| BIP - Day Of  | 1077.6     | 1118.2   | 1124.2 | 1159.9 | 1151.0  | 1211.6  | 1206.9   | 1226.3    | 1207.7    | 1225.4  | 1107.0   | 1081.6   | 10,795                     | This schedule is available to bundled-service, Community Choice Aggregation (CCA) Service, and Direct Access (DA) commercial, industrial, and agricultural customers. Each customer, both directly enrolled and those enrolled in an aggregator's portfolio, must take service under the provisions of a demand time-of-use rate schedule toparticipate in the Program and have at least an average monthly demand of 100 kilowatt (kW). Customers being served under Schedules AG-R or AG-V are not eligible for this program. Customers taking service under DA must meet the metering requirements prescribed in the Metering Equipment section of this rate schedule.   |
| ОВМС  | N/A        | N/A      | N/A    | N/A    | N/A     | N/A     | N/A      | N/A       | N/A       | N/A     | N/A      | N/A      | 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<br>& minimum average monthly demand of 100 kilowatts (kW).Customers must<br>commit to minimum 15% of baseline usage, with a minimum load reduction of<br>100 kW.  |
| SmartAC <sup>™</sup> - Commercial                     | N/A        | N/A      | N/A    | N/A    | 0.39    | 0.62    | 0.62     | 0.61      | 0.53      | 0.30    | N/A      | N/A      | Not Available              | Small and medium business customers taking service under applicable rate<br>schedules equipped with central or packaged DX air conditioning equipment.<br>Closed to new enrollment.   |
| SmartAC <sup>TM</sup> - Residential                   | N/A        | N/A      | N/A    | N/A    | 0.29    | 0.49    | 0.52     | 0.48      | 0.45      | 0.18    | N/A      | N/A      | Not Available              | Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.   |
| AMP - Day Of  | N/A        | N/A      | N/A    | N/A    | 55.1    | 55.1    | 55.1     | 55.1      | 55.1      | 55.1    | N/A      | N/A      | 599,649                    | Non-residential customers on commercial, industrial, partial standby, or  |
| CBP - Day Ahead                                       | N/A        | N/A      | N/A    | N/A    | 120.9   | 120.9   | 120.9    | 120.9     | 120.9     | 120.9   | N/A      | N/A      |                            | A customer may participate in either the Day-Ahead or Day-Of option. A customer with multipleservice agreements (SA) may nominate demand reductions from a single SA to either the Day-ofoption or Day-ahead option. A SA may not be nominated to both the Day-of and Day-aheadoption during a single program month.Customers that receive electric power from third parties (other than through direct access andCommunity Choice Aggregation) and customers billed for standby service are not eligible forSchedule E-CBP. Eligible customers include those receiving partial standby service or servicespursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.   |
| CBP - Day Of  | N/A        | N/A      | N/A    | N/A    | 28.1    | 28.1    | 28.1     | 28.1      | 28.1      | 28.1    | N/A      | N/A      | 599,649                    | A customer may participate in either the Day-Ahead or Day-Of option. A customer with multipleservice agreements (SA) may nominate demand reductions from a single SA to either the Day-ofoption or Day-ahead option. A SA may not be nominated to both the Day-of and Day-aheadoption during a single program month. Customers that receive electric power from third parties (other than through direct access and Community Choice Aggregation) and customers billed for standby service are not eligible for Schedule E-CBP. Eligible customers include those receiving partial standby service or servicespursuant to one or more of the Net Energy Metering Service schedules except NEMCCSF.  |
| DBP   | 47.4       | 47.5     | 46.0   | 53.0   | 49.4    | 51.8    | 52.0     | 54.2      | 52.6      | 50.9    | 43.4     | 51.0     | 10,795                     | This schedule is available to individual PG&E bundled-service customers, Community Choice Aggregation Service (CCA Service) customers, and Direct Access (DA)customers. Each customer must take service under the provisions of their otherwiseapplicable rate schedule. Customers participating in the Program must be on an eligible rate schedule and able to reduce load by at least 10 kW during an E-DBP event. Prior to May 1, 2013, customers with SAs throughout PG&E's electric service territory with individual meters with demands less than 200 kW (as described in the Applicability Section) had the option to participate in this Program under the provisions stated in the Aggregated Group Section of this rate schedule. Those SAs participating as an Aggregated Group as of May 1, 2013, may continue to participate as an Aggregated Group. |
| PDP (200 kW or above)                                 | 5.8        | 5.9      | 6.7    | 13.0   | 13.6    | 14.2    | 13.7     | 14.4      |           | 13.4    | 7.0      | 5.8      |                            | Default beginning on: May 1, 2010 for bundled C&I Customers >200kW  |
| PDP (above 20 kW & below 200 kW) PDP (20 kW or below) | 0.1        | 0.1      | 0.1    | 0.1    | 0.2     | 0.2     | 0.2      | 0.2       | 0.2       | 0.2     | 0.1      | 0.1      | 81,268<br>323,351          | Maximum Demand; February 1st, 2011 for large bundled Ag customers;<br>November 2014 for bundled C&I Customers with <200 kW Maximum Demand   |
| SmartRate <sup>TM</sup> - Residential                 | 0.1        | 0.1      | 0.1    | 0.1    | 0.1     | 0.2     | 0.2      | 0.2       |           | 0.1     | 0.1      | 0.1      |                            | and 12 consecutive months of interval data.  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, 2016 (R.13-09-011). Estimated Average Ex Ante Load Impact kW/Customer = Average kW / Customer, under 1-in-2 weather conditions, of an event that would occur from 1 - 6 pm for April through October, and 4 - 9 pm for November through March, on the PG&E system peak day of the month. The March 2016 ILP provides the available 2015-2016 data for Eligible Accounts and Program Eligibility for Ex Ante and Expost Average Load Impacts PGE OCT ILP 2016 - Public.xlsx

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Ex Ante

#### Pacific Gas and Electric Company Average ExPost Load Impact kW / Customer October 2016

Program Eligibility and Ex Post Average Load Impacts

| Program Eligibility and Ex Post Average Lo | Jua IIIIpuoti |          |         |         | Averag  | e Ex Post L | oad Impact | kW / Custo | omer      |         |          |          | Eligible Accounts |  |
|--|---------------|----------|---------|---------|---------|-------------|------------|------------|-----------|---------|----------|----------|-------------------|--|
| Program                                    | January       | February | March   | April   | May     | June        | July       | August     | September | October | November | December | as of Jan 1, 2016 | Eligibility Criteria (Refer to tariff for specifics)   |
| BIP - Day Of                               | 1206.90       | 1206.90  | 1206.90 | 1206.90 | 1206.90 | 1206.90     | 1206.90    | 1206.90    | 1206.90   | 1206.90 | 1206.90  | 1206.90  | 10,795            | Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW.  |
| ОВМС                                       | N/A           | N/A      | N/A     | N/A     | N/A     | N/A         | N/A        | N/A        | N/A       | N/A     | N/A      | N/A      |                   | Bundled, DA and CCA non-residential customer accounts with interval meters that must be able to reduce electric load such that the entire load on the PG&E circuit or dedicated substation that provides service to that customer is reduced to or below Maximum Load Levels (MLLs) for the entire duration of each and every RO operation.                            |
| SLRP                                       | N/A           | N/A      | N/A     | N/A     | N/A     | N/A         | N/A        | N/A        | N/A       | N/A     | N/A      | N/A      | Not Available     | Bundled-service customers taking service under Schedules A-10, E-19 or E-20<br>& minimum average monthly demand of 100 kilowatts (kW).Customers must<br>commit to minimum 15% of baseline usage, with a minimum load reduction of<br>100 kW.   |
| SmartAC <sup>™</sup> - Commercial          | 0.29          | 0.29     | 0.29    | 0.29    | 0.29    | 0.29        | 0.29       | 0.29       | 0.29      | 0.29    | 0.29     | 0.29     | Not Available     | Small and medium business customers taking service under applicable rate<br>schedules equipped with central or packaged DX air conditioning equipment.<br>Closed to new enrollment.  |
| SmartAC <sup>™</sup> - Residential         | 0.46          | 0.46     | 0.46    | 0.46    | 0.46    | 0.46        | 0.46       | 0.46       | 0.46      | 0.46    | 0.46     | 0.46     | Not Available     | Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment.  |
| AMP - Day Of                               | 67.30         | 67.30    | 67.30   | 67.30   | 67.30   | 67.30       | 67.30      | 67.30      | 67.30     | 67.30   | 67.30    | 67.30    | 599,649           | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services.  |
| CBP - Day Ahead                            | 79.70         | 79.70    | 79.70   | 79.70   | 79.70   | 79.70       | 79.70      | 79.70      | 79.70     | 79.70   | 79.70    | 79.70    | 500 640           | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services.  |
| CBP - Day Of                               | 34.70         | 34.70    | 34.70   | 34.70   | 34.70   | 34.70       | 34.70      | 34.70      | 34.70     | 34.70   | 34.70    | 34.70    | 599,649           | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services.  |
| DBP  | 37.90         | 37.90    | 37.90   | 37.90   | 37.90   | 37.90       | 37.90      | 37.90      | 37.90     | 37.90   | 37.90    | 37.90    |                   | Non-residential Customers 200 kW or above on a demand TOU rate schedule, not on rate schedule AG-R, AG-V or S. Eligible customers include PG&E Bundled, Direct Access (DA; ESP), and Community Choice Aggregation Service. Non-residential Customers' accounts < 200 kW may participate as aggregated group for service accounts with same Federal Taxpayer ID Number. |
| PDP (200 kW or above)                      | 14.20         | 14.20    | 14.20   | 14.20   | 14.20   | 14.20       | 14.20      | 14.20      | 14.20     | 14.20   | 14.20    | 14.20    | 5,890             | Default beginning on: May 1, 2010 for bundled C&I Customers >200kW   |
| PDP (above 20 kW & below 200 kW)           | 0.23          | 0.23     | 0.23    | 0.23    | 0.23    | 0.23        | 0.23       | 0.23       | 0.23      | 0.23    | 0.23     | 0.23     | 81,268            | 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)                       | 0.01          | 0.01     | 0.01    | 0.01    | 0.01    | 0.01        | 0.01       | 0.01       | 0.01      | 0.01    | 0.01     | 0.01     | 323,351           | and 12 consecutive months of interval data.  |
| SmartRate <sup>™</sup> - 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     |                   | 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, 2016 (R.13-09-011). Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over all actual event hours for the preceding year when or if events occurred. Some programs may experience no events or few events while other programs may operate regularly depending on event triggers. For existing programs, the average ex post load impact per customer SA\_ID remains constant across all months. The average load impact is "N/A" for programs having no prior events. Commercial SmartAC was not called in 2015; its average-customer impact reported here is from the April 2, 2012 filing.

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

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

| Detailed Breakdown of MWs To Date in TA/Au | O DR/11 Progr           | ams                        |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                           |
|--|-------------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------|--------------------|----------------------------|-------------------------|----------------------------|--------------------|---------------------------|
| 2016                                       |                         | Ja                         | nuary              |                            |                         | Fe                         | ebruary            |                            |                         | м                          | arch               |                            |                         | ,                          | April              |                            |                         |                            | May                |                            |                         |                            | June               |                           |
| Price Responsive                           | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technology<br>MWs | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technology<br>MWs | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technology<br>MWs | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technology<br>MWs | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technology<br>MWs | TA<br>Identified<br>MWs | Auto DR<br>Verified<br>MWs | TI Verified<br>MWs | Total<br>Technolog<br>MWs |
| MP - Day Of                                | 141443                  | 0.3                        |                    | 0.3                        | 111113                  | 0.4                        |                    | 0.4                        | mivis                   | 0.4                        |                    | 0.4                        |                         | 0.4                        | 0.0                | 0.4                        | mvvs                    | 1.3                        | 0.0                | 1.3                        |                         | 1.3                        |                    |                           |
| BP - Day Ahead                             |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0                         |
| BP - Day Of                                |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.1                        | 0.0                | 0                         |
| DBP  |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | )                         |
| PDP  |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.2                        | 0.0                | 0.2                        |                         | 0.4                        |                    | )                         |
| SmartRate™ - Residential                   |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        |                    | )                         |
| SmartAC™ - Commercial                      |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        |                    | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        |                    |                           |
| SmartAC™ - Residential                     |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | )                         |
| otal                                       |                         | 0.3                        | 0.0                | 0.3                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 1.5                        | 0.0                | 1.5                        |                         | 1.8                        | 0.0                | o l                       |
| Interruptible/Reliability                  |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            | 1                  | 1                         |
| BIP - Day of                               |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | )                         |
| DBMC                                       |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | )                         |
| SLRP                                       |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | )                         |
| Total .                                    |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | 0.0                        |                         | 0.0                        | 0.0                | o                         |
| Total Technology MWs                       |                         | 0.0                        | 0.0                | 0.3                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 0.4                        | 0.0                | 0.4                        |                         | 1.5                        | 0.0                | 1.5                        |                         | 1.8                        | 0.0                | )                         |
| General Program                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    |                            |                         |                            |                    | -                         |
| A (may also be enrolled in TI and AutoDR)  | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                           |
| Total                                      | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                            | 0.0                     |                            |                    |                           |
| otal TA MWs                                | 0.0                     | N/A                        | N/A                | N/A                        | 0.0                     | N/A                        | N/A                | A.                        |

| 2016                                       |            |          | July        |            |            | Δ.       | lugust      |            |            | Sept     | ember       |            |            | Oc       | tober       |            |            | No       | vember        |            |            | No       | /ember      |            |
|--|------------|----------|-------------|------------|------------|----------|-------------|------------|------------|----------|-------------|------------|------------|----------|-------------|------------|------------|----------|---------------|------------|------------|----------|-------------|------------|
| 2010                                       | TA         | Auto DR  | l           | Total      | TA         | Auto DR  | laguot      | Total      | TA         | Auto DR  | onnoc.      | Total      | TA         | Auto DR  | , control   | Total      | TA         | Auto DR  | T. C.III.D.C. | Total      | TA         | Auto DR  | Ciliboi     | Total      |
|  | Identified | Verified | TI Verified | Technology | Identified | Verified | TI Verified | Technology | Identified | Verified | TI Verified | Technology | Identified | Verified | TI Verified | Technology | Identified | Verified | TI Verified   | Technology | Identified | Verified | TI Verified | Technology |
| Price Responsive                           | MWs        | MWs      | MWs         | MWs        | MWs        | MWs      | MWs           | MWs        | MWs        | MWs      | MWs         | MWs        |
| AMP - Day Of                               |            | 1.3      | 0.0         | 1.3        |            | 2.4      | 0.0         | 2.4        |            | 2.6      | 0.0         | 2.6        |            | 2.6      | 0.0         | 2.6        |            |          |               |            |            |          |             |            |
| CBP - Day Ahead                            |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| CBP - Day Of                               |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            |          |               |            |            |          |             |            |
| DBP  |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| PDP  |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            | 0.4      | 0.0         | 0.4        |            |          |               |            |            |          |             |            |
| SmartRate™ - Residential                   |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| SmartAC™ - Commercial                      |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| SmartAC™ - Residential                     |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| Total                                      |            | 2.1      | 0.0         | 2.1        |            | 3.2      | 0.0         | 3.2        |            | 3.5      | 0.0         | 3.5        |            | 3.5      | 0.0         | 3.5        |            |          |               |            |            |          |             |            |
| Interruptible/Reliability                  |            |          |             |            |            |          |             |            |            |          |             |            |            |          |             |            |            |          |               |            |            |          |             |            |
| BIP - Day of                               |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |             | 0.0        |            |          | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| OBMC                                       |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |             | 0.0        |            |          | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| SLRP                                       |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |             | 0.0        |            |          | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| Total                                      |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            | 0.0      | 0.0         | 0.0        |            |          |               |            |            |          |             |            |
| Total Technology MWs                       |            | 2.1      | 0.0         | 2.1        |            | 3.2      | 0.0         | 3.2        |            | 3.5      | 0.0         | 3.5        |            | 3.5      | 0.0         | 3.5        |            |          |               |            |            |          |             |            |
| General Program                            |            |          | •           |            | •          | •        | •           | •          | •          | •        | •           | •          | •          | •        | •           |            | •          | •        | •             | •          | •          |          | •           |            |
| TA (may also be enrolled in TI and AutoDR) | 0.0        |          |             |            | 0.0        |          |             |            | 0.0        |          |             |            | 0.0        |          |             |            |            |          |               |            |            |          |             |            |
| Total                                      | 0.0        |          |             |            | 0.0        |          |             |            | 0.0        |          |             |            | 0.0        |          |             |            |            |          |               |            |            |          |             |            |
| Total TA MWs                               | 0.0        | N/A      | N/A         | N/A        |            |          |               |            |            |          |             |            |

NOTE: Projects for which applications were approved in the previous funding cycle are charged to that funding cycle; however, installed megawaits are at the time of installation regardless of funding cycle. Correction in May 2016 ILP moved March Auto DR under CBP to AMP DO. Removed AMP Day Ahead. Program no longer exists.

#### 2015-2016 Program Expenditures

| Cost Item   | 2015 Expenditures        | January <sup>6</sup> | February <sup>6</sup> | March       | April       | Mav                      | June        | July                                    | August                                  | September <sup>6</sup>  | October <sup>6</sup> | November   | December | Year-to-Date<br>2016<br>Expenditures | Program-to-Date<br>Expenditures | 2-Year Funding 7 | Fundshift Adjustments 8 | Percent<br>Funding |
|---|--------------------------|----------------------|-----------------------|-------------|-------------|--------------------------|-------------|---|---|-------------------------|----------------------|------------|----------|--------------------------------------|---------------------------------|------------------|-------------------------|--------------------|
| Category 1: Reliability Programs  | 2010 Experiultures       | January              | rebruary              | march       | April       | May                      | oune        | ouly                                    | August                                  | осресные                | October              | HOVEIIIDEI | December | Experialtures                        | Expenditures                    | 2-1car runding   | Aujustilients           | runung             |
| Base Interruptible Program (BIP)  | \$139,467                | \$14,183             | \$13,681              | \$13,592    | \$14,515    | \$13,082                 | \$13,141    | \$13,283                                | \$9,488                                 | \$12,402                | \$14,672             |            |          | \$132,038                            | \$271,505                       | \$537,137        |                         | 50.5%              |
| Optional Bidding Mandatory Curtailment /  |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Scheduled Load Reduction (OBMC / SLRP)  | \$15,522                 | \$1,115              | \$1,263               | \$1,012     | \$861       | \$973                    | \$1,197     | \$884                                   | \$795                                   | \$809                   | \$1,014              |            |          | \$9,925                              | \$25,447                        | \$304,304        |                         | 8.4%               |
| Budget Category 1 Total   | \$154,989                | \$15,298             | \$14,944              | \$14,604    | \$15,376    | \$14,055                 | \$14,339    | \$14,168                                | \$10,283                                | \$13,211                | \$15,686             | \$0        | \$0      | \$141,963                            | \$296,952                       | \$841,441        | \$0                     | 35.3%              |
| Category 2: Price-Responsive Programs   |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Demand Bidding Program (DBP)  | \$206,215                | \$11,330             | \$13,505              | \$10,935    | \$9,707     | \$9,770                  | \$10,942    | \$10,742                                | \$10,089                                | \$13,203                | \$10,057             |            |          | \$110,280                            | \$316,495                       | \$1,161,150      |                         | 27.3%              |
| Capacity Bidding Program (CBP)  | \$249,657                | \$19,349             | \$18,956              | \$19,046    | \$20,074    | \$19,771                 | \$18,596    | \$18,941                                | \$20,750                                | \$17,122                | \$22,281             |            |          | \$194,885                            | \$444,542                       | \$4,887,754      |                         | 9.1%               |
| SmartAC <sup>™ 9</sup>  | \$3,893,694              | \$491,228            | \$462,807             | \$128,704   | \$619,780   | \$375,549                | \$528,578   | \$814,727                               | \$576,439                               | \$534,086               | \$529,595            |            |          | \$5,061,492                          | \$8,955,186                     | \$13,336,338     |                         | 67.1%              |
| Budget Category 2 Total   | \$4,349,566              | \$521,907            | \$495,268             | \$158,685   | \$649,561   | \$405,090                | \$558,116   | \$844,410                               | \$607,278                               | \$564,410               | \$561,932            | \$0        | \$0      | \$5,366,657                          | \$9,716,223                     | \$19,385,242     | \$0                     | 50.1%              |
| Category 3: DR Provider/Aggregator Managed Programs   |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Aggregator Managed Portfolio (AMP)  | \$283,875                | \$21,443             | \$21,281              | \$21,919    | \$24,964    | \$23,589                 | \$22,754    | \$24,273                                | \$24,701                                | \$20,518                | \$27,976             |            |          | \$233,418                            | \$517,293                       | \$944,506        |                         | 54.8%              |
| Budget Category 3 Total   | \$283,875                | \$21,443             | \$21,281              | \$21,919    | \$24,964    | \$23,589                 | \$22,754    | \$24,273                                | \$24,701                                | \$20,518                | \$27,976             | \$0        | \$0      | \$233,418                            | \$517,293                       | \$944,506        | \$0                     | 54.8%              |
| Category 4: Emerging & Enabling Programs  |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Auto DR 10  | \$1,989,906              | \$75,318             | \$410.341             | \$303.022   | \$234,848   | \$240.935                | \$243,184   | \$218,409                               | \$215.802                               | \$295,828               | \$274.965            |            |          | \$2,512,652                          | \$4.502.559                     | \$17.870.739     |                         | 25.2%              |
| DR Emerging Technology  | \$911,820                | \$35,166             | \$95,340              | \$84,687    | \$93,523    | \$57,496                 | \$117,480   | \$126,108                               | \$137,969                               | (\$21)                  | \$90,957             |            |          | \$838,706                            | \$1,750,526                     | \$2,809,056      |                         | 62.3%              |
| Budget Category 4 Total   | \$2,901,727              | \$110,483            | \$505,681             | \$387,709   | \$328,371   | \$298,430                | \$360,664   | \$344,517                               | \$353,772                               | \$295,808               | \$365,923            | \$0        | \$0      | \$3,351,358                          | \$6,253,085                     | \$20,679,795     | \$0                     | 30.2%              |
| Category 5: Pilots  |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Supply Side Pilot   | \$756.309                | (\$473)              | \$35,755              | \$78,515    | \$46,278    | \$46,504                 | \$38.313    | \$35,073                                | \$48.033                                | \$38,889                | \$37,771             |            |          | \$404.658                            | \$1,160,967                     | \$2.511.198      |                         | 46.2%              |
| T&D DR  | \$493,857                | \$64,669             | \$8,108               | \$7,226     | \$49,352    | \$86,001                 | \$112.643   | \$69,412                                | \$100,076                               | \$179,754               | \$28,817             |            |          | \$706,058                            | \$1,199,915                     | \$1,698,036      |                         | 70.7%              |
| Excess Supply   | \$385,279                | \$30,991             | \$26,721              | \$83,941    | \$33,854    | \$35,907                 | \$27,124    | \$22,595                                | \$30,332                                | \$26,623                | \$25,798             |            |          | \$343,886                            | \$729.165                       | \$1,199,842      |                         | 60.8%              |
| Budget Category 5 Total   | \$1,635,446              | \$95,187             | \$70,583              | \$169,682   | \$129,485   | \$168,411                | \$178,080   | \$127,081                               | \$178,440                               | \$245,266               | \$92,386             | \$0        | \$0      | \$1,454,602                          | \$3,090,047                     | \$5,409,076      | \$0                     | 57.1%              |
| Category 6: Evaluation, Measurement and Verification  |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| DRMEC   | \$1,345,427              | \$274,702            | \$396.981             | \$207,875   | \$358,019   | \$144,730                | \$82.076    | \$171,861                               | \$144.086                               | \$139,142               | \$428,834            |            |          | \$2,348,305                          | \$3,693,732                     | \$8.885.397      |                         | 41.6%              |
| Budget Category 6 Total   | \$1,345,427              | \$274,702            | \$396,981             | \$207,875   | \$358,019   | \$144,730                | \$82,076    | \$171,861                               | \$144,086                               | \$139,142               | \$428,834            | \$0        | \$0      | \$2,348,305                          | \$3,693,732                     | \$8,885,397      | \$0                     | 41.6%              |
| Category 7: Marketing, Education and Outreach   |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| DR Core Marketing and Outreach 1  | \$1,057,377              | \$48,974             | \$45,688              | \$48,076    | \$113,229   | \$60,952                 | \$112,904   | \$234,800                               | \$63.882                                | \$74,462                | \$47,093             |            |          | \$850,061                            | \$1,907,438                     | \$9,142,336      |                         | 75.3%              |
| SmartAC <sup>™</sup> ME&O <sup>2</sup>  | \$3,109,604              | \$365,934            | (\$213,291)           | \$353,515   | \$353,135   | \$417,065                | \$105,400   | \$120,634                               | \$208,234                               | \$54,989                | \$99,654             |            |          | \$1,865,269                          | \$4,974,873                     | 40,,,            |                         | 1                  |
| Education and Training  | \$131,663                | \$8,816              | \$6,526               | \$25,781    | \$13,313    | \$8,541                  | \$10,900    | \$6,642                                 | \$10,740                                | \$5.733                 | \$7,146              |            |          | \$104.138                            | \$235.802                       | \$529,889        |                         | 44.5%              |
| Budget Category 7 Total   | \$4,298,644              | \$423,724            | (\$161,076)           | \$427,373   | \$479,677   | \$486,558                | \$229,204   | \$362,076                               | \$282,856                               | \$135,184               | \$153,893            | \$0        | \$0      | \$2,819,468                          | \$7,118,112                     | \$9,672,225      | \$0                     | 73.6%              |
| Category 8: DR System Support Activities  | . , , .                  |                      |                       |             | , ,,,       | ,,                       |             | , ,                                     | , |                         |                      | •          |          |                                      |                                 |                  |                         |                    |
| InterAct / DR Forecasting Tool  | \$2,922,482              | \$142,383            | \$145,603             | \$333,785   | \$197,174   | \$222,540                | \$292,750   | \$205,443                               | \$337.314                               | \$320,555               | \$268,344            |            |          | \$2,465,893                          | \$5,388,375                     | \$6,974,090      | (\$3,000,000)           | 77.3%              |
| DR Enrollment & Support   | \$3,457,527              | \$142,363            | \$413,818             | \$378,489   | \$536,470   | \$971,906                | \$794,039   | \$205, <del>44</del> 5<br>\$918,101     | \$767,918                               | \$934,918               | \$790,781            |            |          | \$6,756,056                          | \$10,213,583                    | \$13,874,287     | \$3,000,000             |                    |
| Notifications   | \$2,491,204              | \$42,107             | \$170,163             | \$70,662    | \$71,614    | \$99,310                 | \$125,035   | \$89,793                                | \$55,166                                | \$66,461                | \$45,416             |            |          | \$835,727                            | \$3,326,931                     | \$5,473,744      | \$3,000,000             | 60.8%              |
| DR Integration Policy & Planning  | \$1,366,095              | \$84,480             | \$125,226             | \$117.049   | \$106.310   | \$111.009                | \$109.871   | \$101.702                               | \$117.924                               | \$115.233               | \$97.068             |            |          | \$1.085.873                          | \$2,451,968                     | \$3,207.039      |                         | 76.5%              |
| Budget Category 8 Total   | \$10,237,307             | \$518,587            | \$854.811             | \$899,984   | \$911,569   | \$1,404,766              | \$1,321,695 | \$1,315,039                             | \$1,278,323                             | \$1,437,167             | \$1,201,608          | \$0        | \$0      | \$11,143,549                         | \$21,380,857                    | \$29,529,161     | \$0                     |                    |
| Category 9: Integrated Programs and Activities<br>(Including Technical Assistance)  | ***                      |                      | *******               | *****       |             | * 1, 12 1,1 22           | **,,==-,    | *************************************** | * 1,= 2,==                              | *-1                     | * 1, 1,              | **         | **       | ¥ ,                                  | <del>+=</del> -,,555,651        | <del></del>      | -                       |                    |
| Technology Incentives - IDSM <sup>3</sup>   | \$521,715                | \$3,359              | \$58,987              | \$56,606    | \$53,512    | \$106,497                | \$73        | \$5,729                                 | \$48,560                                | \$40,570                | (\$19,676)           |            |          | \$354,217                            | \$875,932                       | \$4,051,540      |                         | 21.6%              |
| Integrated Energy Audits <sup>3</sup>   | \$892,506                | (\$1,148)            | \$4,038               | \$2,604     | \$24,423    | \$18,113                 | \$27,897    | \$14,545                                | \$14,827                                | \$20,438                | \$19,078             |            |          | \$144,814                            | \$1,037,320                     | \$2,550,462      |                         | 40.7%              |
| Budget Category 9 Total   | \$1,414,221              | \$2,211              | \$63,026              | \$59,210    | \$77,935    | \$124,610                | \$27,970    | \$20,274                                | \$63,387                                | \$61,008                | (\$598)              | \$0        | \$0      | \$499,031                            | \$1,913,252                     | \$6,602,002      | \$0                     | 29.0%              |
| Category 10: Special Projects   |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |
| Permanent Load Shifting   | \$431,129                | \$38,902             | \$45,620              | \$40,307    | \$46,048    | \$33,963                 | \$50,333    | \$31,417                                | \$28,905                                | \$30,457                | \$27,481             |            |          | \$373,434                            | \$804,563                       | \$8,128,288      | (\$2,000,000)           | 9.9%               |
| Demand Response Auction Mechanism Pilot Phase 1 4   | \$104,556                | \$11,133             | (\$3,819)             | \$0         | \$2,620     | \$6,335                  | \$29,464    | (\$13,936)                              | \$7,164                                 | \$10,276                | \$12,280             |            |          | \$61,516                             | \$166,072                       | \$2,000,000      | \$2,000,000             | 8.3%               |
| Demand Response Auction Mechanism Pilot Phase 2 4   | \$0                      | \$13,383             | \$36,025              | \$26,785    | \$28,841    | \$17,541                 | \$21,789    | \$30,970                                | \$4,646                                 | \$16,673                | \$24,842             |            |          | \$221,494                            | \$221,494                       | \$0              |                         | 1                  |
| Budget Category 10 Total  | \$535,685                | \$63,418             | \$77,826              | \$67,092    | \$77,508    | \$57,839                 | \$101,586   | \$48,451                                | \$40,714                                | \$57,406                | \$64,603             | \$0        | \$0      | \$656,444                            | \$1,192,129                     | \$10,128,288     | \$0                     | 11.8%              |
|   | -                        |                      | •                     | •           | •           | •                        | •           | •                                       | •                                       | •                       | •                    | •          |          |                                      |                                 |                  |                         | +                  |
| Recovery of DR-related capital costs prior to 2009 (for interval metering as authorized in D.06-03-024/D.06-11-049); and, additionally, for the HAN Integration project (as authorized in D.12-04-045). | \$3,272,979              | \$271.946            | \$208.555             | \$140.974   | \$206.116   | \$205.355                | \$204.594   | \$203.430                               | \$201.992                               | \$203,288               | \$200.470            |            |          | \$2.046.719                          | \$5,319,698                     |                  | \$0                     | N/A                |
| Total Incremental Cost 5  | \$30,429,866             | \$2,318,906          | \$2.547.881           | \$2,555,106 | \$3,258,580 | \$3,333,432              | \$3,101,079 | \$3,475,579                             | \$3,185,832                             | \$3,172,408             | \$3,112,712          | \$0        | \$0      | \$30,061,515                         | \$60,491,382                    | \$112.077.133    | \$0                     |                    |
|   | ₩30, <del>1</del> 23,000 | ψ <u>ε,</u> 510,300  | ψ±,047,001            | φ.,000,100  | ψ3,200,000  | \$5,000, <del>1</del> 02 | ψ5,101,075  | 40,410,013                              | QU, 100,032                             | ψ0,112, <del>1</del> 00 | ψυ, 112,112          | ΨU         | ψU       | ψου,υυ1,515                          | ψου, το 1,302                   | \$112,011,133    | φ0                      | 54.078             |
| Technical Assistance & Technology Incentives (TA&TI) Identified as of   |                          |                      |                       |             |             |                          |             |   |   |                         |                      |            |          |                                      |                                 |                  |                         |                    |

<sup>1</sup> The expenditures listed are in support of PG&E's DR programs for large commercial, industrial and agricultural customers, excluding the aggregator-managed programs. Disclosure complies with OP 24 of D.12-04-045. The 2015-16 approved budget for DR Core Marketing and Outreach includes funding for SmartAC marketing, education and outreach activities.

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<sup>&</sup>lt;sup>2</sup> The budget for SmartAC marketing, education, and outreach costs are included in the 2015-16 approved budget for DR Core Marketing and Outreach; however, the expenses are separated to differentiate the ME&O efforts targeting residential and small commercial customers. SmartAC is now closed to non-residential customers. The "percent funding" calculation shown on the DR Core Marketing and Outreach line includes SmartAC marketing expenditures. February credit is attributable to adjustment of prior month's financials.

<sup>3</sup> Additional funding for Technology Incentives and Integrated Energy Audits was approved in Energy Efficiency Decision 14-10-046. October Technology Incentives – IDSM expense is negative due to over-accrual in September.

<sup>4 \$</sup> Million DRAM pilot funding for 2016 was approved in Resolution E-4728 and an additional \$6 Million was approved to expend in 2017 in Resolution E-4754. IOUs are directed to reserve these funds within the existing authorized 2015-2016 program year budgets and fund shift from existing DR programs. \$10M authorized budget for DRAM is not reflected in the 2-Year Funding field due to no change in overall DREBA funding. July credit is attributable to adjustment of prior month's financials.

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

<sup>6</sup> Credits are attributable to prior months' adjustments; adjustments are normal course of business and may result in a positive or negative number.

<sup>&</sup>lt;sup>7</sup> 2-Year Funding includes employee benefits costs approved in the GRC (D.14-08-032), Decision Authorizing PG&E's General Rate Case Revenue Requirement for 2014-2016 (issued on August 20, 2014), and fundshift adjustments.

<sup>&</sup>lt;sup>8</sup> Fundshift Adjustments reflect funds shifted between programs since start of the funding cycle.

<sup>&</sup>lt;sup>9</sup> June SmartAC expense is adjusted due to over-accrual. July and August expenses are adjusted due to timing of accrual.

<sup>&</sup>lt;sup>10</sup> July, August and October expenses are adjusted due to timing of accrual.

# Table I-3b Pacific Gas and Electric Company Demand Response Programs and Activities Carry-Over Expenditures and Funding 2015-2016

| Category 1: Reliability Programs   Base Interruptible Program (BIP)   S297   Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP)   \$294   | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$129<br>\$0<br><b>(\$129)</b><br>\$0<br><b>\$0</b><br>\$22,887<br>\$0<br>\$22,887 | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$  | \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$  | \$0<br>\$0<br>\$0 | \$0<br>\$0 | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$129<br>\$0<br>\$129<br>\$0 | \$272<br>\$431<br>\$0<br>\$392,457<br>\$0<br><b>\$393,160</b>            |
|--|---|---|--|---|---|---|---|---|---|---|-------------------|------------|--|--|
| Optional Bidding Mandatory Curtailment /<br>Scheduled Load Reduction (OBMC / SLRP)         \$294           Budget Category 1 Total         \$590           Category 2: Price-Responsive Programs<br>Demand Bidding Program (DBP)         \$272           Capacity Bidding Program (CBP)         \$431           Peak Choice         \$0           SmartAC™         \$392,585           Critical Peak Pricing (CPP)         \$393,289           Budget Category 2 Total         \$393,289           Category 3: DR Provider/Aggregator Managed Programs<br>Aggregator Managed Portfolio (AMP)         \$303           Budget Category 3 Total         \$303           Category 4: Emerging & Enabling Programs<br>Auto DR         \$769,269           DR Emerging Technology         \$68,122           Budget Category 4 Total         \$837,391           Category 5: Pilots<br>IRR Phase 2         \$17,619           T8D DR         \$64,769           Plug-in Hybrid EV/EV (incl. HAN-EV)         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification<br>DRMEC         \$2,309,747           Category 7: Marketing, Education and Outreach<br>DR Core Marketing and Outreach         \$0           Budget Category 6 Total         \$32,309,747           Category 8: DR System Support Activities<br>InterAct / DR Forecasting Tool< | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$     | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$129)<br>\$0<br><b>(\$129)</b><br>\$0<br><b>\$22,887</b><br>\$0<br>\$22,887                     | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0               | \$0        | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>(\$129)<br>\$0                             | \$294<br>\$590<br>\$272<br>\$431<br>\$0<br>\$392,457<br>\$0<br>\$393,160 |
| Scheduled Load Reduction (OBMC / SLRP)   \$294   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$     | \$0<br>\$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br>(\$129)<br>\$0<br>\$22,887<br>\$0<br>\$22,887   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0               | \$0        | \$0<br>\$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b>                         | \$590<br>\$272<br>\$431<br>\$0<br>\$392,457<br>\$0<br>\$393,160          |
| Budget Category 1 Total   \$590  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$     | \$0<br>\$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br>(\$129)<br>\$0<br>\$22,887<br>\$0<br>\$22,887   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0               | \$0        | \$0<br>\$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b>                         | \$590<br>\$272<br>\$431<br>\$0<br>\$392,457<br>\$0<br>\$393,160          |
| Category 2: Price-Responsive Programs         S272           Demand Bidding Program (DBP)         \$272           Capacity Bidding Program (CBP)         \$431           Peak Choice         \$0           SmartAC™         \$392,585           Critical Peak Pricing (CPP)         \$393,289           Budget Category 2 Total         \$393,289           Category 3: DR Provider/Aggregator Managed Programs  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189 | \$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b><br>\$0<br><b>\$0</b><br>\$22,887<br>\$0<br>\$22,887                           | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$                      | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br><b>\$0</b>                                   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                                   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                            | \$0               | \$0        | \$0<br>\$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b>                                | \$272<br>\$431<br>\$0<br>\$392,457<br>\$0<br><b>\$393,160</b>            |
| Demand Bidding Program (DBP)   \$272   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$14,292   | \$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b><br>\$0<br><b>\$0</b><br>\$22,887<br>\$0<br><b>\$22,887</b><br>\$0<br>\$27,400        | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$34,076)<br>(\$6,124)<br>(\$40,200)                | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | •                 | •          | \$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b>                                       | \$431<br>\$0<br>\$392,457<br>\$0<br><b>\$393,160</b>                     |
| Demand Bidding Program (DBP)   \$272   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$14,292   | \$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b><br>\$0<br><b>\$0</b><br>\$22,887<br>\$0<br><b>\$22,887</b><br>\$0<br>\$27,400        | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$34,076)<br>(\$6,124)<br>(\$40,200)                | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | •                 | •          | \$0<br>\$0<br>(\$129)<br>\$0<br><b>(\$129)</b>                                       | \$431<br>\$0<br>\$392,457<br>\$0<br><b>\$393,160</b>                     |
| Peak Choice<br>SmartAC™         \$0           SmartAC™         \$392,585           Critical Peak Pricing (CPP)         \$0           Budget Category 2 Total         \$393,289           Category 3: DR Provider/Aggregator Managed Programs   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$14,292                 | \$0<br>(\$129)<br>\$0<br>(\$129)<br>\$0<br>\$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$70,408                             | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$1<br>\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>(\$14,323)  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                     | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                            | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                            | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | •                 | •          | \$0<br>(\$129)<br>\$0<br><b>(\$129)</b>  | \$0<br>\$392,457<br>\$0<br><b>\$393,160</b><br>\$303                     |
| Peak Choice<br>SmartAC™         \$0           SmartAC™         \$392,585           Critical Peak Pricing (CPP)         \$0           Budget Category 2 Total         \$393,289           Category 3: DR Provider/Aggregator Managed Programs   | \$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$4,292                         | \$0<br>(\$129)<br>\$0<br>(\$129)<br>\$0<br>\$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$70,408                             | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323) | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                                   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                            | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                                   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | •                 | •          | (\$129)<br>\$0<br><b>(\$129)</b>   | \$392,457<br>\$0<br><b>\$393,160</b><br>\$303                            |
| Critical Peak Pricing (CPP)         \$0           Budget Category 2 Total         \$393,289           Category 3: DR Provider/Aggregator Managed Programs  | \$0<br>\$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$0<br>\$4,292                  | \$0<br>(\$129)<br>\$0<br>\$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$70,408   | \$0<br>\$0<br>\$0<br>\$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>(\$14,323)                             | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$ | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0                                   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0   | •                 | •          | \$0<br>(\$129)<br>\$0  | \$0<br><b>\$393,160</b><br>\$303   |
| Budget Category 2 Total   \$393,289  | \$0<br>\$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189  | \$0<br>\$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$20,887  | \$0<br>\$0<br>\$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)                             | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0              | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0   | •                 | •          | <b>(\$129)</b><br>\$0  | <b>\$393,160</b><br>\$303  |
| Category 3: DR Provider/Aggregator Managed Programs  | \$0<br>\$0<br>\$11,189<br>\$0<br>\$11,189<br>\$0<br>\$0<br>\$0<br>\$4,292                         | \$0<br>\$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$2,887   | \$0<br>\$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)                                    | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0              | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br><b>\$0</b><br>\$0<br>\$0   | \$0<br><b>\$0</b><br>\$0<br>\$0   | \$0<br><b>\$0</b>   | •                 | •          | \$0  | \$303  |
| Aggregator Managed Portfolio (AMP)         \$303           Budget Category 3 Total         \$303           Category 4: Emerging & Enabling Programs         \$769,269           Auto DR         \$769,269           DR Emerging Technology         \$88,122           Budget Category 4 Total         \$837,391           Category 5: Pilots         IRR Phase 2         \$17,619           IRR Phase 2         \$1,033,567         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification         DRMEC         \$2,309,747           DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           SmartAC™ ME&A         \$65,632           Education and Training         \$0           Budget Category 7 Total         \$83,753           Category 8: DR System Support Activities         \$23,805           InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,995           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integr   | \$11,189<br>\$0<br>\$11,189<br>\$0<br>\$11,189  | \$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$0<br>\$70,408   | \$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$8,305                               | \$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0  | <b>\$0</b><br>\$0<br>\$0  | <b>\$0</b><br>\$0<br>\$0  | <b>\$0</b>  | \$0               | \$0        |  | 7000   |
| Budget Category 3 Total   \$303  | \$11,189<br>\$0<br>\$11,189<br>\$0<br>\$11,189  | \$0<br>\$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$0<br>\$70,408   | \$0<br>(\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$8,305                               | \$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$0  | <b>\$0</b><br>\$0<br>\$0  | <b>\$0</b><br>\$0<br>\$0  | <b>\$0</b>  | \$0               | \$0        |  | 7000   |
| Category 4: Emerging & Enabling Programs         \$769,269           Auto DR         \$769,269           DR Emerging Technology         \$68,122           Budget Category 4 Total         \$837,391           Category 5: Pilots         \$17,619           IRR Phase 2         \$17,619           T&D DR         \$64,769           Plug-in Hybrid EV/EV (incl. HAN-EV)         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification DRMEC DR Research Studies         \$0           Budget Category 5 Total         \$2,309,747           Category 7: Marketing, Education and Outreach DR Core Marketing and Outreach         \$1,879           DR Core Marketing and Outreach SmartAC™ ME&O         \$0           Budget Category 7 Total         \$65,6329           Education and Training         \$0           Budget Category 7 Total         \$63,753           Category 8: DR System Support Activities         \$32,805           InterAct / DR Forecasting Tool         \$32,805           Nolifications         \$353,822           DR Integrated Programs and Activities         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         \$0           I   | \$11,189<br>\$0<br>\$11,189<br>\$0<br>\$0<br>\$0<br>\$4,292                                       | \$22,887<br>\$0<br>\$22,887<br>\$0<br>\$0<br>\$0<br>\$70,408  | (\$34,076)<br>(\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)  | \$0<br>\$0<br><b>\$0</b><br>\$0<br>\$0<br>\$0<br>\$0<br>\$8,305                               | \$0<br>\$0<br><b>\$0</b>  | \$0<br>\$0<br><b>\$0</b>  | \$0<br>\$0<br><b>\$0</b>  | \$0<br>\$0  | \$0<br>\$0  | \$0   | ΨU                | φυ         | \$0  | <b>\$303</b>   |
| Auto DR  | \$0<br>\$11,189<br>\$0<br>\$0<br>\$4,292  | \$0<br>\$22,887<br>\$0<br>\$0<br>\$0<br>\$70,408  | (\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$8,305   | \$0<br><b>\$0</b><br>\$0  | \$0<br><b>\$0</b><br>\$0  | \$0<br><b>\$0</b>   | \$0   | \$0   |   |                   |            |  |  |
| DR Emerging Technology   \$68,122  | \$0<br>\$11,189<br>\$0<br>\$0<br>\$4,292  | \$0<br>\$22,887<br>\$0<br>\$0<br>\$0<br>\$70,408  | (\$6,124)<br>(\$40,200)<br>\$0<br>\$0<br>(\$14,323)  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$8,305   | \$0<br><b>\$0</b><br>\$0  | \$0<br><b>\$0</b><br>\$0  | \$0<br><b>\$0</b>   | \$0   | \$0   |   |                   |            | (00)   | \$769,269  |
| Budget Category 4 Total   \$837,391     Category 5: Pilots   IRR Phase 2   \$17,619     T&D DR   \$64,769     Plug-in Hybrid EV/EV (incl. HAN-EV)   \$1,033,567     Budget Category 5 Total   \$1,115,955     Category 6: Evaluation, Measurement and Verification     DRMEC   DR Research Studies   \$2,309,747     DR Research Studies   \$2,309,747     DR Core Marketing and Outreach   \$1,879     SmartAC™ ME&O   \$1,879     SmartAC™ ME&O   \$65,632     Education and Training   \$0     Budget Category 7 Total   \$32,805     Education and Training   \$30     Budget Category 7 Total   \$32,805     DR Enrollment & Support Activities     InterAct / DR Forecasting Tool   \$32,805     DR Enrollment & Support   \$523,395     Notifications   \$35,642     DR Integration Policy & Planning   \$35,642     Category 8: Integrated Programs and Activities     Integration Policy & Total   \$945,664     Category 9: Integrated Programs and Activities     Integrated Marketing & Outreach   \$0     Integrated Marketing & Outreach   \$0     Integrated Marketing & Outreach   \$0     So     Integrated Marketing & Outreach   \$0     So     Integrated Marketing & Outreach   \$0     So     Integrated Marketing & Outreach   \$0  | \$11,189<br>\$0<br>\$0<br>\$4,292   | \$22,887<br>\$0<br>\$0<br>\$70,408  | \$0<br>\$0<br>\$0<br>(\$14,323)  | \$0<br>\$0<br>\$0<br>\$8,305  | <b>\$0</b>  | <b>\$0</b><br>\$0   | \$0   |   |   | 20  |                   |            | (\$0)  |  |
| Category 5: Pilots         \$17,619           IRR Phase 2         \$64,769           T&D DR         \$64,769           Plug-in Hybrid EV/EV (incl. HAN-EV)         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification         DRMEC           DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAC™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0  | \$0<br>\$0<br>\$4,292   | \$0<br>\$0<br>\$70,408  | \$0<br>\$0<br>(\$14,323)   | \$0<br>\$0<br>\$8,305   | \$0   | \$0   |   | ψU  |   | \$0   | \$0               | \$0        | (\$6,124)<br>(\$6,124)   | \$61,998<br><b>\$831,267</b>   |
| IRR Phase 2 T&D DR S\$4,769 S\$4,769 Plug-in Hybrid EV/EV (incl. HAN-EV) S\$1,033,567 Budget Category 5 Total S\$1,115,955 Category 6: Evaluation, Measurement and Verification DRMEC DR Research Studies S\$2,309,747 DR Research Studies S\$0 Budget Category 6 Total S\$2,309,747 Category 7: Marketing, Education and Outreach DR Core Marketing, and Outreach DR Core Marketing and Outreach SmartAC™ ME&O Education and Training S\$0 Budget Category 7 Total S\$2,309,747 Category 8: DR System Support Activities InterAct / DR Forecasting Tool DR Enrollment & Support S\$2,305 DR Integration Policy & Planning S\$3,395 Notifications DR Integration Policy & Planning S\$3,642 Budget Category 8: Total Category 9: Integrated Programs and Activities (Including Technical Assistance) Technology Incentives - IDSM (\$10,921) PEAK S\$0 Integrated Marketing & Outreach S\$0  | \$0<br>\$4,292  | \$0<br>\$70,408   | \$0<br>(\$14,323)  | \$0<br>\$8,305  |   |   |   |   |   | \$0   | ΨU                | φ0         | (\$6,124)  | \$031,207  |
| T&D DR         \$64,769           Plug-in Hybrid EV/EV (Incl. HAN-EV)         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification         EVA.09,747           DRMEC         \$2,309,747           DR Research Studies         \$2,309,747           Category 7: Marketing, Education and Outreach         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAC™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$663,753)           Category 8: DR System Support Activities         \$32,805           InterAct / DR Forceasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0  | \$0<br>\$4,292  | \$0<br>\$70,408   | \$0<br>(\$14,323)  | \$0<br>\$8,305  |   |   |   | •   |   |   |                   |            |  | 21-212   |
| Plug-in Hybrid EV/EV (incl. HAN-EV)         \$1,033,567           Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification DRMEC         \$2,309,747           DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach DR Core Marketing and Outreach SmartAC™ ME&O         \$1,879           SmartAC™ ME&O         \$65,632)           Education and Training         \$0           Budget Category 7 Total         \$63,753)           Category 8: DR System Support Activities         InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities (Including Technical Assistance)         (\$10,921)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0  | \$4,292   | \$70,408  | (\$14,323)   | \$8,305   | \$0   |   | \$0<br>\$0  | \$0<br>\$0  | \$0<br>\$0  | \$0<br>\$0  |                   |            | \$0<br>\$0   | \$17,619   |
| Budget Category 5 Total         \$1,115,955           Category 6: Evaluation, Measurement and Verification         \$2,309,747           DRMEC         \$2,309,747           DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAC™ ME&O         \$65,632           Education and Training         \$0           Budget Category 7 Total         \$63,753           Category 8: DR System Support Activities         InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         ((ncluding Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   |   |   |  |   | 044 440   | \$0   |   |   |   |   |                   |            | * -  | \$64,769   |
| Category 6: Evaluation, Measurement and Verification         \$2,309,747           DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAC™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         \$32,805           InterAct / DR Forecasting Tool         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   | \$4,292   | \$70,408  | (\$14,323)   | \$8,305   | \$41,116<br><b>\$41,116</b>   | \$34,034<br><b>\$34,034</b>   | \$7,385<br><b>\$7,385</b>   | \$35,972<br>\$35,972  | \$0<br><b>\$0</b>   | \$35,868<br><b>\$35,868</b>   | \$0               | \$0        | \$223,056<br><b>\$223,056</b>  | \$1,256,623<br><b>\$1,339,011</b>  |
| DRMEC DR Research Studies         \$2,309,747 S0           DR Research Studies         \$2,309,747           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach DR Core Marketing and Outreach S1,879 SmartAC™ ME&O (\$65,632)         \$65,632)           Education and Training S0         \$0           Budget Category 7 Total (\$63,753)         \$32,805           Category 8: DR System Support Activities InterAct / DR Forecasting Tool S23,395         \$32,805           DR Enrollment & Support S523,395         \$353,822           DR Integration Policy & Planning S35,642         \$35,642           Budget Category 8 Total S945,664         \$945,664           Category 9: Integrated Programs and Activities (Including Technical Assistance)         (\$10,921)           Technology Incentives - IDSM (\$10,921)         \$9           PEAK S0         \$0           Integrated Marketing & Outreach         \$0  |   |   |  | \$6,303   | \$41,116  | \$34,034  | \$7,385   | \$35,972  | \$0   | \$35,000  | ąυ                | \$0        | \$223,036  | \$1,339,011  |
| DR Research Studies         \$0           Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach DR Core Marketing and Outreach SmartAC™ ME&O         \$1,879           SmartAC™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$335,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities (Including Technical Assistance)         (\$10,921)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   |   |   |  |   |   |   |   |   |   |   |                   |            |  |  |
| Budget Category 6 Total         \$2,309,747           Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAc™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         \$32,805           InterAct / DR Forecasting Tool         \$523,395           NOR Enrollment & Support         \$523,395           Notifications         \$335,822           Budget Category 8 Total         \$345,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   | \$87,978  |   | \$51,860   | (\$56,098)  | \$50,650  | \$29,724  | (\$99,056)  | \$95,782  | \$6,439   | (\$5,537)   |                   |            | (\$21,247)   | \$2,288,500  |
| Category 7: Marketing, Education and Outreach         \$1,879           DR Core Marketing and Outreach         \$1,879           SmartAC <sup>TM</sup> ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         \$32,805           InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0  | \$0   |   | \$184,000  | \$184,879   | \$7,710<br>\$58.360   | \$190,852   | \$97,321  | \$67,452  | \$90,409  | \$20,000  |                   |            | \$934,624  | \$934,624  |
| DR Core Marketing and Outreach<br>SmartAC™ ME&O<br>Education and Training         \$1,879<br>(\$65,632)           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities<br>InterAct / DR Forecasting Tool         \$32,805<br>DR Enrollment & Support           DR Enrollment & Support         \$523,395<br>Notifications         \$35,842<br>Budget Category 8 Total           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities<br>(Including Technical Assistance)         (\$10,921)<br>Technology Incentives - IDSM           Technology Incentives - IDSM         (\$10,921)<br>PEAK           Integrated Marketing & Outreach         \$0   | \$87,978  | (\$90,989)  | \$235,860  | \$128,781   | \$58,360  | \$220,575   | (\$1,735)   | \$163,235   | \$96,847  | \$14,463  | \$0               | \$0        | \$913,376  | \$3,223,123  |
| SmartAC™ ME&O         (\$65,632)           Education and Training         \$0           Budget Category 7 Total         (\$63,753)           Category 8: DR System Support Activities         InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   |   |   |  |   |   |   |   |   |   |   |                   |            | i '  |  |
| Education and Training   | \$1,441   | (\$343)   | (\$1,713)  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | (\$616)  | \$1,263  |
| Budget Category 7 Total (\$63,753)   | \$41,381  | (\$1,281)   | (\$160)  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$39,940   | (\$25,692)   |
| Category 8: DR System Support Activities         \$32,805           InterAct / DR Forecasting Tool         \$32,805           DR Enrollment & Support         \$523,395           Notifications         \$353,822           DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   | \$0   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$0  |
| InterAct / DR Forecasting Tool \$32,805     DR Enrollment & Support \$523,395     Notifications \$353,822     DR Integration Policy & Planning \$35,642     Budget Category & Total \$945,664     Category 9: Integrated Programs and Activities (Including Technical Assistance)     Technology Incentives - IDSM (\$10,921)     PEAK \$90     Integrated Marketing & Outreach \$90     South Peach \$90     PEAK \$90     Integrated Marketing & Outreach \$90   | \$42,822  | (\$1,624)   | (\$1,874)  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0               | \$0        | \$39,325   | (\$24,428)   |
| DR Enrollment & Support   \$523,395  |   |   |  |   |   |   |   |   |   |   |                   |            | 1  |  |
| Notifications  | \$0   | \$0   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$32,805   |
| DR Integration Policy & Planning         \$35,642           Budget Category 8 Total         \$945,664           Category 9: Integrated Programs and Activities<br>(Including Technical Assistance)         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   | \$0   | \$0   | (\$9,938)  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | (\$9,938)  | \$513,457  |
| Budget Category 8 Total  | \$0   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$353,822  |
| Category 9: Integrated Programs and Activities         (Including Technical Assistance)           Technology Incentives - IDSM         (\$10,921)           PEAK         \$0           Integrated Marketing & Outreach         \$0   | \$0   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$35,642   |
| (Including Technical Assistance)         (\$10,921)           Technology Incentives - IDSM         \$0           PEAK         \$0           Integrated Marketing & Outreach         \$0  | \$0   | \$0   | (\$9,938)  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0               | \$0        | (\$9,938)  | \$935,726  |
| Technology Incentives - IDSM   |   |   |  |   |   |   |   |   |   |   |                   |            |  |  |
| PEAK \$0 Integrated Marketing & Outreach \$0   | \$0   | \$0   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | (\$10,921)   |
| Integrated Marketing & Outreach \$0  | \$0   |   | \$0<br>\$0   | \$0   | \$0   | \$0   | \$0   | \$0<br>\$0  | \$0   | \$0   |                   |            | \$0  | \$0  |
|  |   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$0  |
|  |   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$0  |
| Integrated Sales Training \$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  |
| Integrated Emerging Technology \$0   | \$0<br>\$0  |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   |                   |            | \$0  | \$0  |
| Budget Category 9 Total (\$10,921)   | \$0<br>\$0<br>\$0   |   | \$0  | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0   | \$0               | \$0        | \$0  | (\$10,921)   |
| Category 10: Special Projects  | \$0<br>\$0<br>\$0<br>\$0  | \$0   | <b>\$</b> 0  | Ψυ  |   |   |   |   |   |   |                   |            | 1  |  |
| DR-HAN Integration (excl. HAN-EV) (\$70,326)   | \$0<br>\$0<br>\$0<br>\$0<br>\$0   | \$0   | ψU   | Ψ   |   |   | \$0   |   | \$0   | \$0   |                   |            | \$0  | (\$70,326)   |
| Permanent Load Shifting \$33,827   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br><b>\$0</b><br>\$0  | \$0  | \$0   | \$0   | \$0   |   | \$0   |   |   |                   |            |  | \$37,857   |
| Budget Category 10 Total (\$36,499)  | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$     | \$0<br>\$0<br>\$0<br>\$140  | \$0<br>\$490   | \$0<br>\$884  | \$263   | (\$251)   | \$490   | \$882   | \$127   | \$1,680   |                   |            | \$4,031  |  |
| Total Incremental Cost \$5,491,766   | \$0<br>\$0<br>\$0<br>\$0<br>\$0<br>\$0  | \$0<br>\$0<br>\$0<br>\$140  | \$0  | \$0   |   |   |   |   |   | \$1,680<br><b>\$1,680</b>   | \$0               | \$0        | \$4,031<br><b>\$4,031</b>  | \$37,857<br>(\$32,468)   |

Notes

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<sup>&</sup>lt;sup>1</sup> Expenditures on this page reflect expenses incurred in 2016 from all prior funding cycles

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

| Program<br>Category | Program Name   | Month     | Zones <sup>1</sup>  | Event No.<br>(by Program<br>Type) | Event<br>Date | Program<br>Type | Trigger                       | # of<br>Accounts | Event<br>Start Time<br>(PDT) |         | Program<br>Tolled<br>Hours | Load Reduction<br>MW (Max<br>Hourly) <sup>2,3</sup> |
|---------------------|--|-----------|---|-----------------------------------|---------------|-----------------|-------------------------------|------------------|------------------------------|---------|----------------------------|---|
| Page 1 of 3         |  |           |   |                                   |               |                 |                               |                  |                              |         |                            |   |
| Category 1: Re      | eliability Programs  | ı         | ı   |                                   | ı             | ı               | la                            | ı                |                              | 1       | ı                          |   |
|                     | Base Interruptible Program   | JUNE      | System  | 1                                 | 7/26/16       | Day Of          | Annual<br>Curtailment<br>Test | 248              | 3:00 PM                      | 7:00 PM | 4                          | 257.8   |
|                     | Optional Bidding Mandatory<br>Curtailment/<br>Scheduled Load Reduction | N/A       | N/A   | N/A                               | N/A           | N/A             | N/A                           | N/A              | N/A                          | N/A     | N/A                        | N/A   |
| Category 2: Pr      | rice-Responsive Programs   | l         |   |                                   | L             | l               | l                             | l                | <u> </u>                     |         | <u>l</u>                   |   |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 1                                 | 6/2/16        | Day Of          | Heat rate                     | 351              | 6:00 PM                      | 7:00 PM | 1                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 2                                 | 6/3/16        | Day Of          | Heat rate                     | 449              | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program   | JUNE      | System  | 3                                 | 6/20/16       | Day Of          | Heat rate                     | 445              | 3:00 PM                      | 7:00 PM | 4                          | 10.0  |
|                     | Capacity Bidding Program   | JUNE      | System  | 4                                 | 6/21/16       | Day Of          | Heat rate                     | 445              | 5:00 PM                      | 7:00 PM | 2                          | 9.0   |
|                     | Capacity Bidding Program   | JUNE      | System  | 5                                 | 6/22/16       | Day Of          | Heat rate                     | 445              | 5:00 PM                      | 7:00 PM | 2                          | 9.3   |
|                     | Capacity Bidding Program   | JUNE      | System  | 6                                 | 6/27/16       | Day Of          | Heat rate                     | 444              | 2:00 PM                      | 7:00 PM | 5                          | 9.4   |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 7                                 | 6/28/16       | Day Of          | Heat rate                     | 444              | 1:00 PM                      | 7:00 PM | 6                          | Redacted  |
|                     | Capacity Bidding Program   | JUNE      | North Valley, Sierra, Sacramento Valley,<br>Stockton, San Joaquin, Fresno, Los Padres,<br>Humboldt, North Coast | 8                                 | 6/30/16       | Day Of          | Heat rate                     | 185              | 4:00 PM                      | 7:00 PM | 3                          | 5.5   |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 1                                 | 6/20/16       | Day Ahead       | Heat rate                     | 40               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 2                                 | 6/21/16       | Day Ahead       | Heat rate                     | 40               | 5:00 PM                      | 7:00 PM | 2                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 3                                 | 6/22/16       | Day Ahead       | Heat rate                     | 40               | 5:00 PM                      | 7:00 PM | 2                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 4                                 | 6/27/16       | Day Ahead       | Heat rate                     | 39               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 5                                 | 6/28/16       | Day Ahead       | Heat rate                     | 39               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JUNE      | System  | 6                                 | 6/30/16       | Day Ahead       | Heat rate                     | 38               | 4:00 PM                      | 7:00 PM | 3                          | Redacted  |
|                     | Capacity Bidding Program   | JULY      | System  | 9                                 | 7/13/16       | Day Of          | Heat Rate                     | 455              | 4:00 PM                      | 7:00 PM | 3                          | 11.0  |
|                     | Capacity Bidding Program  Capacity Bidding Program                     | JULY      | System  | 10                                | 7/13/16       | Day Of          | Heat rate                     | 455              | 4:00 PM                      | 7:00 PM | 3                          | 12.3  |
|                     | Capacity Bidding Program   | JULY      | System  | 11                                | 7/26/16       | Day Of          | Heat rate                     | 450              | 3:00 PM                      | 7:00 PM | 4                          | 11.5  |
|                     | Capacity Bidding Program   | JULY      | System  | 12                                | 7/27/16       | Day Of          | Heat rate                     | 447              | 3:00 PM                      | 7:00 PM | 4                          | 13.0  |
|                     | Capacity Bidding Program   | JULY      | System  | 13                                | 7/28/16       | Day Of          | Heat rate                     | 446              | 1:00 PM                      | 7:00 PM | 6                          | 10.7  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JULY      | System  | 7                                 | 7/14/16       | Day Ahead       | Heat rate                     | 45               | 5:00 PM                      | 7:00 PM | 2                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JULY      | System  | 8                                 | 7/25/16       | Day Ahead       | Heat rate                     | 44               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program   | JULY      | System  | 9                                 | 7/27/16       | Day Ahead       | Heat Rate                     | 44               | 3:00 PM                      | 7:00 PM | 4                          | 3.0   |
|                     | Capacity Bidding Program   | JULY      | System  | 10                                | 7/28/16       | Day Ahead       | Heat Rate                     | 44               | 3:00 PM                      | 7:00 PM | 4                          | 2.8   |
|                     | Capacity Bidding Program <sup>3</sup>                                  | JULY      | System  | 11                                | 7/29/16       | Day Ahead       | Heat Rate                     | 44               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program   | AUGUST    | System  | 14                                | 8/15/16       | Day Of          | Heat rate                     | 416              | 2:00 PM                      | 7:00 PM | 5                          | 11.4  |
|                     | Capacity Bidding Program   | AUGUST    | System  | 15                                | 8/16/16       | Day Of          | Heat rate                     | 414              | 3:00 PM                      | 7:00 PM | 4                          | 11.5  |
|                     | Capacity Bidding Program   | AUGUST    | System  | 16                                | 8/17/16       | Day Of          | Heat rate                     | 414              | 3:00 PM                      | 7:00 PM | 4                          | 12.4  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | AUGUST    | System  | 12                                | 8/15/16       | Day Ahead       | Heat rate                     | 38               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | AUGUST    | System  | 13                                | 8/16/16       | Day Ahead       | Heat rate                     | 38               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program <sup>3</sup>                                  | AUGUST    | System  | 14                                | 8/17/16       | Day Ahead       | Heat rate                     | 38               | 3:00 PM                      | 7:00 PM | 4                          | Redacted  |
|                     | Capacity Bidding Program   | SEPTEMBER | System  | 17                                | 9/19/16       | Day Of          | Heat rate                     | 420              | 4:00 PM                      | 7:00 PM | 3                          | 11.5  |
|                     | Capacity Bidding Program   | SEPTEMBER | System  | 18                                | 9/26/16       | Day Of          | Heat rate                     | 418              | 4:00 PM                      | 7:00 PM | 3                          | 10.2  |
|                     | Capacity Bidding Program   | SEPTEMBER | System  | 19                                | 9/27/16       | Day Of          | Heat rate                     | 418              | 4:00 PM                      | 7:00 PM | 3                          | 11.7  |
|                     | Capacity Bidding Program   | SEPTEMBER | System  | 15                                | 9/26/16       | Day Ahead       | Heat rate                     | 27               | 4:00 PM                      | 7:00 PM | 3                          | 3.7   |
|                     | Capacity Bidding Program   |           | System  dispatchable programs are listed as System. Serials liste   | 16                                |               | Day Ahead       |                               | 27               | 4:00 PM                      | 7:00 PM | 3                          | 3.4   |

<sup>1</sup> Identifies location of event (SubLAP) for locally-dispatchable programs. Non-locally-dispatchable programs are listed as System. Serials listed can be throughout the territory, not a specific sublap (device serial last digits have a number from 0 to 9). For example, SmartAC 6/27 event Zone lists Serials 0,1,2,3,4,9; 6/10 of the entire device population installed got dispatched.

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

<sup>&</sup>lt;sup>3</sup> Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact-the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs and the Results for AMP, CBP, DBP and BIP include load reduction from participants that are enrolled in multiple programs and the Results for PDP exclude load reduction from participants that are enrolled in multiple programs.

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

| Program<br>Category | Program Name                        | Month     | Zones¹  | Event No.<br>(by Program<br>Type) | Event<br>Date | Program<br>Type | Trigger     | I# of   | Event<br>Start Time<br>(PDT) |          | Program<br>Tolled<br>Hours | Load Reduction<br>MW (Max<br>Hourly) <sup>2,3</sup> |
|---------------------|-------------------------------------|-----------|---|-----------------------------------|---------------|-----------------|-------------|---------|------------------------------|----------|----------------------------|---|
| Page 2 of 3         | •                                   |           |   |                                   |               | •               |             |         |                              |          | 8                          | •   |
| Category 2:         | Price-Responsive Programs           |           |   |                                   | ı             | 1               | 1           | ı       | ı                            |          | ı                          |   |
|                     | Demand Bidding Program <sup>3</sup> | JUNE      | All except San Francisco Bay Area   | 1                                 | 6/3/16        | Day Ahead       | CAISO load  | 41      | 6:00 PM                      | 10:00 PM | 4                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JUNE      | System  | 2                                 | 6/20/16       | Day Ahead       | CAISO load  | 53      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JUNE      | System  | 3                                 | 6/21/16       | Day Ahead       | CAISO load  | 37      | 5:00 PM                      | 9:00 PM  | 4                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JUNE      | System  | 4                                 | 6/27/16       | Day Ahead       | CAISO load  | 49      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JUNE      | System  | 5                                 | 6/28/16       | Day Ahead       | CAISO load  | 49      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JULY      | Sierra, Sacramento Valley, Stockton, San<br>Joaquin, Fresno, Los Padres, Humboldt,<br>North Coast | 6                                 | 7/14/16       | Day Ahead       | Temperature | 10      | 5:00 PM                      | 9:00 PM  | 4                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JULY      | System  | 7                                 | 7/15/16       | Day Ahead       | Temperature | 52      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program 3,4          | JULY      | System  | 9                                 | 7/26/16       | Day Ahead       | CAISO Load  | 54      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JULY      | System  | 8                                 | 7/27/16       | Day Ahead       | CAISO Load  | 51      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JULY      | System  | 10                                | 7/28/16       | Day Ahead       | CAISO Load  | 53      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | JULY      | System  | 11                                | 7/29/16       | Day Ahead       | CAISO Load  | 52      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | AUGUST    | System  | 12                                | 8/15/16       | Day Ahead       | CAISO load  | 55      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | AUGUST    | System  | 13                                | 8/16/16       | Day Ahead       | CAISO load  | 51      | 2:00 PM                      | 10:00 PM | 8                          | Redacted  |
|                     | Demand Bidding Program <sup>3</sup> | SEPTEMBER | System  | 14                                | 9/27/16       | Day Ahead       | CAISO load  | 50      | 2:00 PM                      | 10:00 AM | 8                          | Redacted  |
|                     | Peak Day Pricing                    | JUNE      | System  | 1                                 | 6/1/16        |                 | Temperature | 214,540 | 2:00 PM                      | 6:00 PM  | 4                          | 40.8  |
|                     | Peak Day Pricing <sup>3</sup>       | JUNE      | System  | 2                                 | 6/3/16        | Day Ahead       | Temperature | 214,540 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing 3,5                | JUNE      | System  | 3                                 | 6/27/16       | Day Ahead       | Temperature | 212,761 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing <sup>5</sup>       | JUNE      | System  | 4                                 | 6/28/16       | Day Ahead       | Temperature | 212,761 | 2:00 PM                      | 6:00 PM  | 4                          | 30.3  |
|                     | Peak Day Pricing 3, 5               | JUNE      | System  | 5                                 | 6/30/16       | Day Ahead       | Temperature | 212,761 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing                    | JULY      | System  | 6                                 | 7/14/16       | Day Ahead       | Temperature | 211,702 | 2:00 PM                      | 6:00 PM  | 4                          | 40.2  |
|                     | Peak Day Pricing <sup>3</sup>       | JULY      | System  | 7                                 | 7/15/16       | Day Ahead       | Temperature | 211,702 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing 3,5                | JULY      | System  | 8                                 | 7/26/16       | Day Ahead       | Temperature | 210,859 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing                    | JULY      | System  | 9                                 | 7/27/16       | Day Ahead       | Temperature | 210,859 |                              | 6:00 PM  | 4                          | 37.3  |
|                     | Peak Day Pricing <sup>3</sup>       | JULY      | System  | 10                                | 7/28/16       | Day Ahead       | Temperature | 210,859 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |
|                     | Peak Day Pricing                    | AUGUST    | System  | 11                                | 8/17/16       | Day Ahead       | Temperature | 209,510 | 2:00 PM                      | 6:00 PM  | 4                          | 35.8  |
|                     | Peak Day Pricing <sup>3</sup>       | SEPTEMBER | System  | 12                                | 9/26/16       | Day Ahead       | Temperature | 203,689 | 2:00 PM                      | 6:00 PM  | 4                          | Redacted  |

<sup>1</sup> Identifies location of event (SubLAP) for locally-dispatchable programs. Non-locally-dispatchable programs are listed as System. Serials listed can be throughout the territory, not a specific sublap (device serial last digits have a number from 0 to 9). For example, SmartAC 6/27 event Zone lists Serials 0,1,2,3,4,9; 6/10 of the entire device population installed got dispatched.

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs and the Results for PDP exclude load reduction from participants that are enrolled in multiple programs.

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

<sup>&</sup>lt;sup>3</sup> Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact-the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

<sup>&</sup>lt;sup>4</sup> Load reduction from Demand Bidding event on 7/26/16 HE 16 - HE 19 accounted for under Base Interruptible Program event on the same day.

<sup>&</sup>lt;sup>5</sup> Values have been revised due to updates in interval data

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

| Program<br>Category | Program Name                              | Month     | Zones <sup>1</sup>   | Event No.<br>(by Program<br>Type) | Event<br>Date | Program<br>Type | Trigger     | # of<br>Accounts | Event<br>Start Time<br>(PDT) | Event End<br>Time<br>(PDT) | Program<br>Tolled<br>Hours | Load Reduction<br>MW (Max<br>Hourly) <sup>2,3</sup> |
|---------------------|---|-----------|--|-----------------------------------|---------------|-----------------|-------------|------------------|------------------------------|----------------------------|----------------------------|---|
| Page 3 of 3         |   | L         |  |                                   |               |                 |             |                  | ·                            |                            |                            |   |
| Category 2:         | Price-Responsive Programs (Cont'd)        |           |  |                                   |               |                 |             |                  |                              |                            |                            |   |
|                     | SmartAC                                   | JUNE      | Fresno, Los Padres   | 1                                 | 6/20/16       | Day Of          | Temperature | 37,410           | 5:00 PM                      | 7:00 PM                    | 2                          | 11.4  |
|                     | SmartAC                                   | JUNE      | 6 Serials: 0, 1, 2, 3, 4, 9  | 2                                 | 6/27/16       | Day Of          | Temperature | 79,930           | 1:00 PM                      | 7:00 PM                    | 6                          | 25.4  |
|                     |   |           | Fresno, Los Padres, North Valley,  |                                   |               |                 |             |                  |                              |                            |                            |   |
|                     | SmartAC                                   | JUNE      | Sacramento Valley, Sierra, Stockton  | 3                                 | 6/28/16       | Day Of          | Temperature | 73,940           | 5:00 PM                      | 7:00 PM                    | 2                          | 45.9  |
|                     | SmartAC                                   | JULY      | 5 Serials: 1, 2, 3, 6, 9   | 4                                 | 7/14/16       | Day Of          | Temperature | 75,317           | 2:00 PM                      | 9:00 PM                    | 7                          | 16.8  |
|                     | SmartAC                                   | JULY      | 2 Serials: 2, 3  | 5                                 | 7/25/16       | Day Of          | Temperature | 45,799           | 3:00 PM                      | 6:00 PM                    | 3                          | 12.3  |
|                     | SmartAC                                   | JULY      | 3 Serial: 1, 2, 3  | 6                                 | 7/27/16       | Day Of          | Temperature | 59,070           | 3:00 PM                      | 6:00 PM                    | 3                          | 23.1  |
|                     | SmartAC                                   | JULY      | 3 Serials: 4, 5, 7   | 7                                 | 7/28/16       | Day Of          | Temperature | 39,185           | 11:00 AM                     | 7:00 PM                    | 8                          | 6.4   |
|                     | SmartAC                                   | JULY      | 3 Serials: 6, 7, 8   | 8                                 | 7/29/16       | Day Of          | Temperature | 46,224           | 12:00 PM                     | 6:00 PM                    | 6                          | 8.0   |
|                     | SmartAC                                   | AUGUST    | North Valley   | 9                                 | 8/15/16       | Day Of          | Temperature | 5,810            | 5:00 PM                      | 7:00 PM                    | 2                          | 1.5   |
|                     | SmartAC                                   | AUGUST    | North Coast, Sacramento  | 10                                | 8/16/16       | Day Of          | Temperature | 21,255           | 5:00 PM                      | 7:00 PM                    | 2                          | 4.5   |
|                     | SmartAC                                   | AUGUST    | East Bay, Sierra   | 11                                | 8/17/16       | Day Of          | Temperature | 33,492           | 5:00 PM                      | 7:00 PM                    | 2                          | 5.5   |
|                     | SmartAC                                   | SEPTEMBER | 2 Serials: 2, 3  | 12                                | 9/7/16        | Day Of          | Temperature | 31,114           | 5:00 PM                      | 8:00 PM                    | 2                          | 6.9   |
|                     | SmartAC                                   | SEPTEMBER | 6 Serials: 0, 1, 2, 3, 5, 6  | 13                                | 9/19/16       | Day Of          | Temperature | 94,706           | 1:00 PM                      | 8:00 PM                    | 2                          | 25.6  |
|                     | SmartAC                                   | SEPTEMBER | All sublaps except: Central Coast,<br>Humboldt, San Francisco (Bay Area), San<br>Joaquin | 14                                | 9/26/16       | Day Of          | Temperature | 114,713          | 5:00 PM                      | 7:00 PM                    | 2                          | 33.3  |
|                     | SmartRate                                 | JUNE      | System   | 1                                 | 6/1/16        | Day Ahead       | Temperature | 146,340          | 2:00 PM                      | 7:00 PM                    | 5                          | 33.7  |
|                     | SmartRate                                 | JUNE      | System   | 2                                 | 6/3/16        | Day Ahead       | Temperature | 146,340          | 2:00 PM                      | 7:00 PM                    | 5                          | 42.0  |
|                     | SmartRate                                 | JUNE      | System   | 3                                 | 6/27/16       | Day Ahead       | Temperature | 146,242          | 2:00 PM                      | 7:00 PM                    | 5                          | 45.5  |
|                     | SmartRate                                 | JUNE      | System   | 4                                 | 6/28/16       | Day Ahead       | Temperature | 146,242          | 2:00 PM                      | 7:00 PM                    | 5                          | 43.1  |
|                     | SmartRate                                 | JUNE      | System   | 5                                 | 6/30/16       | Day Ahead       | Temperature | 146,242          | 2:00 PM                      | 7:00 PM                    | 5                          | 33.2  |
|                     | SmartRate                                 | JULY      | System   | 6                                 | 7/14/16       | Day Ahead       | Temperature | 146,270          | 2:00 PM                      | 7:00 PM                    | 5                          | 36.9  |
|                     | SmartRate                                 | JULY      | System   | 7                                 | 7/15/16       | Day Ahead       | Temperature | 146,270          | 2:00 PM                      | 7:00 PM                    | 5                          | 31.8  |
|                     | SmartRate                                 | JULY      | System   | 8                                 | 7/26/16       | Day Ahead       | Temperature | 146,287          | 2:00 PM                      | 7:00 PM                    | 5                          | 46.3  |
|                     | SmartRate                                 | JULY      | System   | 9                                 | 7/27/16       | Day Ahead       | Temperature | 146,287          | 2:00 PM                      | 7:00 PM                    | 5                          | 44.9  |
|                     | SmartRate                                 | JULY      | System   | 10                                | 7/28/16       | Day Ahead       | Temperature | 146,287          | 2:00 PM                      | 7:00 PM                    | 5                          | 43.0  |
|                     | SmartRate                                 | AUGUST    | System   | 11                                | 8/17/16       | Day Ahead       | Temperature | 146,310          | 2:00 PM                      | 7:00 PM                    | 5                          | 31.4  |
|                     | SmartRate                                 | SEPTEMBER | System   | 12                                | 9/26/16       | Day Ahead       | Temperature | 146,167          | 2:00 PM                      | 7:00 PM                    | 5                          | 31.0  |
| ategory 3:          | DR Provider/Aggregator Managed Progra     | ams       |  |                                   |               |                 |             |                  |                              |                            |                            |   |
|                     | Aggregator Managed Portfolio              | JUNE      | System   | 1                                 | 6/3/16        | Day Of          | Heat rate   | 1,337            | 3:00 PM                      | 7:00 PM                    | 4                          | 65.0  |
|                     | Aggregator Managed Portfolio              | JUNE      | System   | 2                                 | 6/20/16       | Day Of          | Heat rate   | 1,326            | 3:00 PM                      | 7:00 PM                    | 4                          | 63.7  |
|                     | Aggregator Managed Portfolio              | JUNE      | System   | 3                                 | 6/27/16       | Day Of          | Heat rate   | 1,323            | 3:00 PM                      | 7:00 PM                    | 4                          | 64.5  |
|                     | Aggregator Managed Portfolio              | JUNE      | System   | 4                                 | 6/28/16       | Day Of          | Heat rate   | 1,321            | 1:00 PM                      | 7:00 PM                    | 6                          | 66.0  |
|                     | Aggregator Managed Portfolio              | JULY      | System   | 5                                 | 7/25/16       | Day Of          | Heat Rate   | 1,346            | 3:00 PM                      | 7:00 PM                    | 4                          | 70.0  |
|                     | Aggregator Managed Portfolio              | JULY      | System   | 6                                 | 7/27/16       | Day Of          | Heat rate   | 1,338            | 3:00 PM                      | 7:00 PM                    | 4                          | 85.1  |
|                     | Aggregator Managed Portfolio              | JULY      | System   | 7                                 | 7/28/16       | Day Of          | Heat rate   | 1,334            | 3:00 PM                      | 7:00 PM                    | 4                          | 79.2  |
|                     | Aggregator Managed Portfolio              | JULY      | System   | 8                                 | 7/29/16       | Day Of          | Heat rate   | 1,332            | 3:00 PM                      | 7:00 PM                    | 4                          | 77.2  |
|                     | Aggregator Managed Portfolio              | AUGUST    | System   | 9                                 | 8/15/16       | Day Of          | Heat rate   | 1,251            | 3:00 PM                      | 7:00 PM                    | 4                          | 58.7  |
|                     | Aggregator Managed Portfolio              | AUGUST    | System   | 10                                | 8/16/16       | Day Of          | Heat rate   | 1,250            | 2:00 PM                      | 7:00 PM                    | 5                          | 62.1  |
|                     | Aggregator Managed Portfolio              | AUGUST    | System   | 11                                | 8/17/16       | Day Of          | Heat rate   | 1,250            | 2:00 PM                      | 7:00 PM                    | 5                          | 67.7  |
|                     | Aggregator Managed Portfolio              | SEPTEMBER | Humboldt, Los Padres   | 12                                | 9/19/16       | Day Of          | Heat rate   | 306              | 3:00 PM                      | 7:00 PM                    | 4                          | 20.7  |
|                     | Aggregator Managed Portfolio <sup>3</sup> | SEPTEMBER | System   | 13                                | 9/26/16       | Day Of          | Heat rate   | 1,262            | 3:00 PM                      | 7:00 PM                    | 4                          | Redacted  |
|                     | Aggregator Managed Portfolio <sup>3</sup> | SEPTEMBER | System   | 14                                | 9/27/16       | Day Of          | Heat rate   | 1,257            | 3:00 PM                      | 7:00 PM                    | 4                          | Redacted  |

<sup>1</sup> Identifies location of event (SubLAP) for locally-dispatchable programs. Non-locally-dispatchable programs are listed as System. Serials listed can be throughout the territory, not a specific sublap (device serial last digits have a number from 0 to 9). For example, SmartAC 6/27 event Zone lists Serials 0,1,2,3,4,9; 6/10 of the entire device population installed got dispatched.

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

<sup>&</sup>lt;sup>3</sup> Pursuant to Commission guidance in D.14-05-016, p.118 and Finding of Fact 17, PG&E will redact-the load reduction MW (Max Hourly) in the Public Version due to having less than 15 customers involved or a single customer in the group account for more than 15 percent of the aggregated total.

NOTE: For 2015 Results for AMP, CBP, DBP, BIP, and PDP include load reduction from participants that are enrolled in multiple programs and the Results for PDP exclude load reduction from participants that are enrolled in multiple programs.

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

| Cost Item   | Year-to-Date<br>2015 Total Cost | January     | February    | March       | April       | May         | June        | July        | August      | September   | October     | November | December | Year-to-Date<br>2016 Total<br>Cost | Program-to-<br>Date |
|---|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|----------|------------------------------------|---------------------|
| Program Incentives  |                                 |             |             |             |             |             |             |             |             |             |             |          |          |                                    |                     |
| Aggregator Managed Portfolio (AMP) <sup>1</sup>   | \$7,785,291                     | \$0         | \$0         | \$0         | \$0         | \$360,041   | \$292,445   | \$1,231,479 | \$1,909,766 | \$1,303,086 | (\$413,072) |          |          | \$4,683,745                        | \$12,469,036        |
| Automatic Demand Response (AutoDR)  | \$46,470                        | \$48,891    | \$77,490    | \$0         | \$0         | \$182,100   | \$42,210    | \$18,996    | \$109,250   | \$33,000    | \$0         |          |          | \$511,938                          | \$558,408           |
| Base Interruptible Program (BIP) 2, 8, 9  | \$26,084,254                    | \$2,076,251 | \$2,095,754 | \$2,097,493 | \$2,453,957 | \$2,378,237 | \$2,480,443 | \$2,131,146 | \$2,588,012 | \$2,024,213 | \$2,199,125 |          |          | \$22,524,632                       | \$48,608,886        |
| Capacity Bidding Program (CBP) 3  | \$1,742,221                     | \$0         | \$0         | \$0         | \$0         | \$70,592    | \$12,487    | \$184,782   | \$316,297   | \$202,159   | \$1,952     |          |          | \$788,269                          | \$2,530,490         |
| Demand Bidding Program (DBP) 4  | \$1,022,581                     | \$0         | \$0         | \$0         | \$0         | \$0         | \$225,511   | \$243,775   | \$44,524    | \$66,151    | \$0         |          |          | \$579,961                          | \$1,602,542         |
| DRAM Phase 1 5  | \$0                             | \$0         | \$0         | \$0         | \$0         | \$0         | \$60,062    | \$230,982   | \$234,077   | (2,278)     | \$237,404   |          |          | \$760,246                          | \$760,246           |
| Excess Supply Pilot<br>Optional Binding Mandatory Curtailment /<br>Scheduled Load Reduction Program | \$0                             | \$0         | \$0         | \$500       | \$500       | \$500       | \$1,100     | \$700       | \$700       | \$700       | \$700       |          |          | \$5,400                            | \$5,400             |
| (OBMC / SLRP) <sup>1</sup>  | \$0                             | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         |          |          | \$0                                | \$0                 |
| Permanent Load Shift  | \$0                             | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$752,150   | \$0         | \$0         | \$0         |          |          | \$752,150                          | \$752,150           |
| SmartAC <sup>TM 6</sup>   | \$700,649                       | \$22,781    | \$67,648    | \$41,823    | \$15,308    | \$34,184    | \$75,429    | \$88,649    | \$166,657   | \$123,173   | \$43,083    |          |          | \$678,737                          | \$1,379,385         |
| Supply Side Pilot   | \$45,687                        | \$11,000    | \$14,312    | \$11,000    | \$4,000     | \$11,000    | \$11,000    | \$11,000    | \$11,000    | \$11,000    | \$11,000    |          |          | \$106,312                          | \$151,999           |
| Technology Incentive (TI)   | \$88,020                        | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         |          |          | \$0                                | \$88,020            |
| Transmission and Distribution Pilot (T&D DR   | \$5,150                         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         |          |          | \$0                                | \$5,150             |
| Total Cost of Incentives  | \$37,520,323                    | \$2,158,924 | \$2,255,203 | \$2,150,816 | \$2,473,766 | \$3,036,654 | \$3,200,686 | \$4,893,660 | \$5,380,285 | \$3,761,204 | \$2,080,192 | \$0      | \$0      | \$31,391,389                       | \$68,911,713        |
| Revenues from Penalties 7,8,9   | (\$1,653,915)                   | \$0         | \$0         | \$0         | (\$382.016) | \$0         | \$0         | (\$327,987) | \$0         | \$0         | (\$6,371)   | \$0      | \$0      | (\$716,374)                        | (\$2,370,289        |

<sup>&</sup>lt;sup>1</sup> Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account. Starting in 2016, incentives are reported on an accrual basis. Year-to-Date 2015 Total Cost has been adjusted to reflect accrual accounting. AMP incentives accrual was overestimated in September thereby resulting in a negative amount in October due to reversal.

<sup>&</sup>lt;sup>2</sup> Amounts reported are for incentive costs that are not recorded in the Demand Response Expenditures Balancing Account. Starting in 2016, incentives are reported on an accrual basis. Year-to-Date 2015 Total Cost has been adjusted to reflect accrual accounting.

<sup>&</sup>lt;sup>3</sup> Incentives reported are net of penalties paid by the aggregators. YTD 2015 Total Cost includes correction made in April 2016.

DBP incentives are processed as bill credits to the Distribution Revenue Adjustment Mechanism Balancing Account Asset. Incentive costs will be reclassed to Demand Response Expenditures Balancing Account in November. July amount was updated to reflect missing data.

<sup>&</sup>lt;sup>5</sup> DRAM Phase 1 September Incentives are negative due to an over-accrual in August that is reversed in September.

<sup>&</sup>lt;sup>6</sup> September SmartAC amount was adjusted to report incentive costs incurred.

Revenues from Penalties denote penalty/default payments made by aggregators and charges to direct enrolled customers enrolled in AMP and BIP programs. Year-to-Date 2015 Total Cost has been adjusted to reflect penalties on an accrual basis

<sup>8</sup> Year-to-Date 2015 BIP Incentives/Penalties were adjusted in September 2016 to report aggregator incentives/penalties at the aggregator level.

<sup>&</sup>lt;sup>9</sup> July incentives and penalties were adjusted in September ILP to report aggregator incentives/penalties at the aggregator level. October penalties include true-up of July penalties.

# Table I-5b Pacific Gas and Electric Company Demand Response Programs and Activities Carry-Over Incentives and Funding 2015-2016

| Annual Total Cost                            |   |         |          |         |       |      |      |      |        |           |         |          |          |   |   |
|--|---|---------|----------|---------|-------|------|------|------|--------|-----------|---------|----------|----------|---|---|
|  | Carry-Over<br>Incentives<br>incurred in |         |          |         |       |      |      |      |        |           |         |          |          | Carry-Over<br>Incentives<br>incurred in | Carry-Over<br>Incentives<br>incurred in |
| Cost Item 1                                  | 2015                                    | January | February | March   | April | May  | June | July | August | September | October | November | December | 2016                                    | 2015-2016                               |
| Program Incentives                           |   |         |          |         |       |      |      |      |        |           |         |          |          |   |   |
| Aggregator Managed Portfolio (AMP)           | \$0                                     | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | \$0                                     |
| Automatic Demand Response (AutoDR)           | \$674,260                               | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | \$674,260                               |
| 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                                     |
| Demand Bidding Program (DBP)                 | \$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                                     |
| PHEV/EV Pilots                               | \$13,800                                | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | \$13,800                                |
| SmartAC <sup>TM</sup>                        | \$159,753                               | \$0     | \$0      | (\$250) | \$200 | \$50 | \$0  | \$50 | \$0    | \$0       | \$0     |          |          | \$50                                    | \$159,803                               |
| Technology Incentive (TI)                    | \$967                                   | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | \$967                                   |
| Transmission and Distribution Pilot (T&D DR) | (\$11,600)                              | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | (\$11,600)                              |
| Total Cost of Incentives                     | \$837,180                               | \$0     | \$0      | (\$250) | \$200 | \$50 | \$0  | \$50 | \$0    | \$0       | \$0     | \$0      | \$0      | \$50                                    | \$837,230                               |
|  |   |         |          |         |       |      |      |      |        |           |         |          |          |   |   |
| Revenues from Penalties                      | \$0                                     | \$0     | \$0      | \$0     | \$0   | \$0  | \$0  | \$0  | \$0    | \$0       | \$0     |          |          | \$0                                     | \$0                                     |

<sup>&</sup>lt;sup>1</sup> Incentives on this page reflect expenses incurred in 2016 from all prior funding cycles

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

| PG&E's ME&O Actual Expenditures   | 2015-2016 Funding Cycle Customer Communication, Marketing, and Outreach |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        | Year-to-Date                     | 2015-2016                  | 2015-2016   |
|---|---|---|---|--|---------------------------------------|--------------------------------|---------------------------------|-------------------------|------------------------|------------------------------|-----------------|---------------|----------------|--------|----------------------------------|----------------------------|-------------|
|   |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        | 2016                             | Inception-to-              | Authorized  |
|   | 2015 Total  |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        | Expenditures                     | Date                       | Budget (if  |
|   | Costs   | January                                     | February                                      | March  | April                                 | May                            | June                            | July                    | August                 | September                    | October         | Novemb        | oer Dec        | cember | •                                | Expenditures               | Applicable) |
| I. STATEWIDE MARKETING  |   |   |   |  |                                       |                                |                                 |                         | - <b>W</b>             |                              |                 |               |                |        |                                  |                            |             |
| IOU Administrative Costs  | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| Statewide ME&O contract   | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | <del>-</del>    | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| I. TOTAL STATEWIDE MARKETING  | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| II. UTILITY MARKETING BY ACTIVITY <sup>1</sup>  |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2015-2016   |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| TOTAL ACTIONIZED CITETY WANKETING BODGETTON 2013 2010   |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| PROGRAMS. RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING <sup>2</sup>   |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| Integrated Demand Side Marketing  | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Marketing My Account/Energy and Integrated Online Audit Tools   | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| Critical Peak Pricing > 200 kW  | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Demand Bidding Program  | \$ 594,520  | \$ 32,159                                   | \$ 25,532                                     | \$ 36,929                                    | \$ 63,271                             | \$ 34,746                      | \$ 61,848                       | \$ 119,685              | \$ 36,603              | \$ 42,955 \$                 | 28,643          | \$ -          | \$             | -      | \$ 482,371                       | \$ 1,076,892               |             |
| Real Time Pricing   | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Permanent Load Shifting   | \$ 237,808  | \$ 10,253                                   | \$ 10,213                                     | \$ 14,771                                    | \$ 25,308                             | \$ 13,899                      | \$ 21,949                       | \$ 48,703               | \$ 15,208              | \$ 14,896 \$                 | 10,238          | \$ -          | \$             | -      | \$ 185,438                       | \$ 423,246                 |             |
| Circuit Savers  | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Small Commercial Technology Deployment  | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Enabling Technologies (e.g., AutoDR, TI)  | \$ 356,712  | \$ 15,379                                   | \$ 16,469                                     | \$ 22,157                                    | \$ 37,963                             | \$ 20,848                      | \$ 40,007                       | \$ 73,054               | \$ 22,811              | \$ 22,344 \$                 | 15,358          |               |                | -      | \$ 286,390                       | \$ 643,103                 |             |
| PeakChoice  | N/A   | N/A   | N/A   | N/A  | N/A                                   | N/A                            | N/A                             | N/A                     | N/A                    | N/A                          | N/A             | N/A           |                | N/A    | N/A                              | N/A                        |             |
| Customer Awareness, Education and Outreach  | \$ -  |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        | \$ -                             | \$ -                       |             |
| PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING  |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| SmartAC   | \$ 3,109,604  | \$ 365,934                                  | (\$213,291)                                   | \$ 353,515                                   | \$ 353,135                            | \$ 417,065                     | \$ 105,400                      | \$ 120,634              | \$ 208,234             | \$ 54,989 \$                 | 99,654          | \$ -          | \$             | -      | \$ 1,865,269                     | \$ 4,974,873               |             |
| Customer Research   | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  |                                | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| Collateral- Development, Printing, Distribution etc. (all non-labor costs)  | \$ 2,492,934  | \$ 48,555                                   | \$ 66,722                                     | \$ 334,914                                   | \$ 328,562                            | \$ 394,687                     | \$ 82,881                       | \$ 100,329              | \$ 190,368             | \$ 41,595 \$                 | 85,640          | \$ -          | \$             | -      | \$ 1,674,252                     | \$ 4,167,186               |             |
| Labor   | \$ 445,276  | \$ 317,379                                  | \$ (280,013)                                  | \$ 18,457                                    | \$ 24,573                             | \$ 22,378                      | \$ 22,519                       | \$ 20,305               | \$ 17,865              | \$ 13,395 \$                 | 14,014          | \$ -          | \$             | -      | \$ 190,872                       | \$ 636,148                 |             |
| Paid Media  | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  |                                | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| Other Costs   | \$ 171,393  | \$ -  | \$ -  | \$ 144                                       | \$ -                                  |                                | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ 144                           | \$ 171,538                 |             |
| II. TOTAL UTILITY MARKETING BY ACTIVITY   | \$ 4,298,644  | \$ 423,724                                  | \$ (161,076)                                  | \$ 427,373                                   | \$ 479,677                            | \$ 486,558                     | \$ 229,204                      | \$ 362,076              | \$ 282,856             | \$ 135,184 \$                | 153,893         | \$ -          | \$             | -      | \$ 2,819,468                     | \$ 7,118,112               |             |
| III. UTILITY MARKETING BY ITEMIZED COST   |   |   |   |  |                                       |                                |                                 |                         |                        |                              |                 |               |                |        |                                  |                            |             |
| Customer Research   | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
| Collateral- Development, Printing, Distribution etc. (all non-labor costs)  | \$ 2,942,619  | \$ 62,143                                   | \$ 67,762                                     | \$ 336,119                                   | \$ 385,319                            | \$ 398,590                     | \$ 149,300                      | \$ 263,549              | \$ 197,599             | \$ 64,497 \$                 | 97,298          | \$ -          | \$             | -      | \$ 2,022,176                     | \$ 4,964,795               |             |
| Labor   | \$ 1,184,486  | \$ 361,581                                  | \$ (228,838)                                  | \$ 90,118                                    | \$ 94,314                             | \$ 86,739                      | \$ 78,741                       | \$ 98,502               | \$ 85,257              | \$ 70,687 \$                 | 51,035          | \$ -          | \$             | -      | \$ 788,136                       | \$ 1,972,622               |             |
| Paid Media  | \$ -  | \$ -  | \$ -  | \$ -   | \$ -                                  | \$ -                           | \$ -                            | \$ -                    | \$ -                   | \$ - \$                      | -               | \$ -          | \$             | -      | \$ -                             | \$ -                       |             |
|   |   |   | \$ -  | \$ 1.136                                     | \$ 44                                 | \$ 1,229                       | \$ 1,163                        | \$ 25                   | \$ -                   | \$ - \$                      | 5,560           | \$ -          | \$             | -      | \$ 9,156                         | \$ 180,695                 |             |
| Other Costs   | \$ 171,539  | \$ -  | <b>&gt;</b> -                                 | ÿ 1,150                                      | 7                                     |                                |                                 |                         |                        | £ 435 404 £                  | 452.002         | ć             | ć              |        | \$ 2.819.468                     | \$ 7,118,112               |             |
| Other Costs III. TOTAL UTILITY MARKETING BY ITEMIZED COST   | ,                                 | \$ -  | Υ   | \$ 427,373                                   |                                       | \$ 486,558                     | \$ 229,204                      | \$ 362,076              | \$ 282,856             | \$ 135,184 \$                | 153,893         | <b>&gt;</b> - | ٧              | -      | ÿ 2,013,400                      | φ /,110,11L                |             |
| III. TOTAL UTILITY MARKETING BY ITEMIZED COST   | ,                                 |   | Υ   | , , , , ,                                    |                                       | \$ 486,558                     | \$ 229,204                      | \$ 362,076              | \$ 282,856             | \$ 135,184 \$                | 153,893         | \$ -          | Ą              |        | ŷ 2,013,400                      | ψ 7,110,11L                |             |
| III. TOTAL UTILITY MARKETING BY ITEMIZED COST  IV. UTILITY MARKETING BY CUSTOMER SEGMENT  | \$ 4,298,644  | \$ 423,724                                  | \$ (161,076)                                  | \$ 427,373                                   | \$ 479,677                            |                                |                                 |                         | ,                      |                              |                 | \$ -          | ς .            |        |                                  |                            |             |
| III. TOTAL UTILITY MARKETING BY ITEMIZED COST  IV. UTILITY MARKETING BY CUSTOMER SEGMENT  Agricultural                                  | \$ 4,298,644  | \$ 423,724                                  | \$ (161,076)                                  | \$ 427,373<br>\$ 11,079                      | \$ 479,677                            | \$ 10,424                      | \$ 18,571                       | \$ 36,216               | \$ 11,193              | \$ 12,029 \$                 | 8,136           |               | \$             | -      | \$ 143,130                       | \$ 321,486                 |             |
| III. TOTAL UTILITY MARKETING BY ITEMIZED COST  IV. UTILITY MARKETING BY CUSTOMER SEGMENT  Agricultural  Large Commercial and Industrial | \$ 4,298,644<br>\$ 178,356<br>\$ 1,010,684                              | \$ 423,724<br>\$ 8,669<br>\$ 49,122         | \$ (161,076)<br>\$ 7,832<br>\$ 44,382         | \$ 427,373<br>\$ 11,079<br>\$ 62,779         | \$ 479,677<br>\$ 18,981<br>\$ 107,561 | \$ 10,424<br>\$ 59,069         | \$ 18,571<br>\$ 105,234         | \$ 36,216<br>\$ 205,225 | \$ 11,193<br>\$ 63,429 | \$ 12,029 \$<br>\$ 68,166 \$ | 8,136<br>46,103 | \$ -          | \$ \$          |        | \$ 143,130<br>\$ 811,070         | \$ 321,486<br>\$ 1,821,754 |             |
| III. TOTAL UTILITY MARKETING BY ITEMIZED COST  IV. UTILITY MARKETING BY CUSTOMER SEGMENT  Agricultural                                  | \$ 4,298,644  | \$ 423,724<br>\$ 8,669<br>\$ 49,122<br>\$ - | \$ (161,076)<br>\$ 7,832<br>\$ 44,382<br>\$ - | \$ 427,373<br>\$ 11,079<br>\$ 62,779<br>\$ - | \$ 479,677<br>\$ 18,981<br>\$ 107,561 | \$ 10,424<br>\$ 59,069<br>\$ - | \$ 18,571<br>\$ 105,234<br>\$ - | \$ 36,216<br>\$ 205,225 | \$ 11,193<br>\$ 63,429 | \$ 12,029 \$                 | 8,136<br>46,103 | \$ -<br>\$ -  | \$<br>\$<br>\$ |        | \$ 143,130<br>\$ 811,070<br>\$ - | \$ 321,486                 |             |

Notes:

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

<sup>2</sup>Jan, Feb, and Jun Demand Bidding Program, Permanent Load Shifting, and Enabling Technologies costs are updated to reflect direct costs attributable to these programs.

### Pacific Gas and Electric Company 2015-2016 Fund Shifting Documentation October 2016

### FUND SHIFTING DOCUMENTATION PER DECISION 12-04-045 ORDERING PARAGRAPH 4

OP 4: Pacific Gas and Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company:

May not shift funds between categories with two exceptions as stated in Ordering Paragraphs 4 and 5;

May continue to shift up to 50 percent of a Demand Response program's funds to another program within the same budget category, with proper monthly reporting;

Shall not shift funds within the "Pilots" or "Special Projects" categories without submitting a Tier 2 Advice Letter filing;

May shift funds for pilots in the Enabling or Emerging Technologies category;

Shall continue to submit a Tier 2 Advice Letter to eliminate a Demand Response program;

Shall not eliminate a program through multiple fund shifting events or for any other reason without prior authorization from the Commission; and

Shall submit a Tier 2 Advice Letter before shifting more than 50 percent of a program's funds to a different program within the same budget category.

| Program Category   | Fund Shift Amount | Programs Impacted  | Date       | Rationale for Fundshift   |
|--|-------------------|--|------------|---|
| Category 1: Reliability<br>Programs                        | \$0.00            |  |            |   |
| Category 2: Price-<br>Responsive Programs                  | \$0.00            |  |            |   |
| Category 3: DR<br>Provider/Aggregator<br>Managed Programs  | \$0.00            |  |            |   |
| Category 4: Emerging &<br>Enabling Programs                | \$0.00            |  |            |   |
| Category 5: Pilots   | \$0.00            |  |            |   |
| Category 6: Evaluation,<br>Measurement and<br>Verification | \$0.00            |  |            |   |
| Category 7: Marketing, Education and Outreach              | \$0.00            |  |            |   |
| Category 8: DR System<br>Support Activities                | \$3,000,000       | InterAct / DR Forecasting Tool to DR Enrollment & Support          |            | The transferred funds support CAISO integration work pursuant to Ordering Paragraph 1 of D.15-11-042                          |
| Category 9: Integrated<br>Programs and Activities          | \$0.00            |  |            |   |
|  | \$100,000         | Permanent Load Shifting to Demand Response Auction Mechanism Pilot | 8/14/2015  | The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014. |
| Category 10: Special<br>Projects                           | \$200,000         | Permanent Load Shifting to Demand Response Auction Mechanism Pilot | 12/16/2015 | The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014. |
|  |                   | Permanent Load Shifting to Demand Response Auction Mechanism Pilot | 1/31/2016  | The transferred funds support Demand Response Auction Mechanism pilot pursuant to Ordering Paragraph 5 of Decision 14-12-014. |
| Total  | \$5,000,000       |  |            |   |