# Pacific Gas and Electric Company Monthly Report On Interruptible Load and Demand Response Programs for July 2013

Pacific Gas and Electric Company®

August 21, 2013

Pacific Gas and Electric Company ("PG&E") hereby submits this report on Interruptible Load and Demand Response Programs for July 2013. This report is being served on the Energy Division Director and the service list for A.11-03-001.

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

NOTE: Beginning with the June ILP Report, Table I-4 on page 8, has been updated to identify the local zones dispatched for each event.

**Table I-1**
**Pacific Gas and Electric Company**
**Interruptible and Price Responsive Programs**
**Subscription Statistics - Enrolled MW**
**July 2013**

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

| | January | | | February | | | March | | | April | | | May | | | June | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Programs | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Eligible Accounts as of Jan 1, 2013 |
| **Interruptible/Reliability** | | | | | | | | | | | | | | | | | | | |
| BIP - Day Of | 267 | 198 | 234 | 257 | 195 | 225 | 259 | 194 | 227 | 268 | 231 | 235 | 267 | 225 | 234 | 272 | 244 | 239 | 10.424 |
| OBMC | 25 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | 25 | 0 | 0 | N/A |
| SLRP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A |
| SmartAC - Commercial | 5,855 | 0 | 2 | 5,839 | 0 | 2 | 5,830 | 0 | 2 | 5,815 | 0 | 2 | 5,799 | 2 | 2 | 5,789 | 3 | 2 | N/A |
| SmartAC - Residential | 155,202 | 0 | 88 | 155,140 | 0 | 88 | 154,437 | 0 | 88 | 153,689 | 0 | 88 | 153,500 | 58 | 87 | 153,371 | 69 | 87 | N/A |
| **Sub-Total Interruptible** | 161,349 | 198 | 324 | 161,261 | 195 | 316 | 160,551 | 194 | 317 | 159,797 | 231 | 324 | 159,591 | 285 | 323 | 159,457 | 315 | 328 | |
| **Price Response** | | | | | | | | | | | | | | | | | | | |
| AMP - Day Ahead | 384 | 0 | 82 | 319 | 0 | 68 | 317 | 0 | 68 | 316 | 0 | 68 | 316 | 72 | 68 | 400 | 72 | 86 | 592.761 |
| AMP - Day Of | 1,585 | 0 | 181 | 1,638 | 0 | 187 | 1,616 | 0 | 185 | 1,615 | 0 | 184 | 1,223 | 147 | 140 | 1,328 | 147 | 152 | 592.761 |
| CBP - Day Ahead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 5 | 6 | 24 | 9 | 3 | 592.761 |
| CBP - Day Of | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 349 | 11 | 22 | 464 | 15 | 29 | 592.761 |
| DBP | 994 | 40 | 38 | 995 | 40 | 38 | 995 | 38 | 38 | 992 | 43 | 38 | 995 | 49 | 38 | 975 | 49 | 37 | 10.424 |
| PDP (200 kW or above) | 1,737 | 47 | 32 | 1,720 | 46 | 32 | 1,716 | 46 | 32 | 1,737 | 47 | 32 | 1,721 | 46 | 32 | 1,739 | 44 | 32 | 387,153 |
| PDP (<200 kW) | 4,390 | 20 | 2 | 4,415 | 20 | 2 | 4,438 | 20 | 2 | 4,469 | 20 | 2 | 4,510 | 22 | 2 | 4,578 | 17 | 2 | |
| SmartRate™ - Residential | 79,153 | 0 | 22 | 79,247 | 0 | 22 | 79,501 | 0 | 22 | 80,211 | 0 | 22 | 95,726 | 15 | 27 | 113,503 | 25 | 32 | N/A |
| **Sub-Total Price Response** | 88,243 | 106 | 357 | 88,334 | 107 | 349 | 88,583 | 105 | 346 | 89,340 | 110 | 346 | 104,889 | 368 | 333 | 123,011 | 378 | 372 | |
| **Total All Programs** | 249,592 | 304 | 681 | 249,595 | 302 | 664 | 249,134 | 299 | 663 | 249,137 | 341 | 670 | 264,480 | 653 | 657 | 282,468 | 694 | 700 | |

| | July | | | August | | | September | | | October | | | November | | | December | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Programs | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Service Accounts | Ex Ante Estimated MW [1] | Ex Post Estimated MW [2] | Eligible Accounts as of Jan 1, 2013 |
| **Interruptible/Reliability** | | | | | | | | | | | | | | | | | | | |
| BIP - Day of | 281 | 244 | 246 | | | | | | | | | | | | | | | | 10.424 |
| OBMC | 25 | 0 | 0 | | | | | | | | | | | | | | | | N/A |
| SLRP | 0 | 0 | 0 | | | | | | | | | | | | | | | | N/A |
| SmartAC - Commercial | 5,789 | 4 | 2 | | | | | | | | | | | | | | | | N/A |
| SmartAC - Residential | 151,719 | 101 | 86 | | | | | | | | | | | | | | | | N/A |
| **Sub-Total Interruptible** | 157,814 | 349 | 335 | | | | | | | | | | | | | | | | |
| **Price Response** | | | | | | | | | | | | | | | | | | | |
| AMP - Day Ahead | 443 | 72 | 95 | | | | | | | | | | | | | | | | 592,761 |
| AMP - Day Of | 1,342 | 168 | 153 | | | | | | | | | | | | | | | | 592,761 |
| CBP - Day Ahead | 25 | 9 | 3 | | | | | | | | | | | | | | | | 592,761 |
| CBP - Day Of | 472 | 15 | 30 | | | | | | | | | | | | | | | | 592,761 |
| DBP | 955 | 44 | 36 | | | | | | | | | | | | | | | | 10,424 |
| PDP (200 kW or above) | 1,725 | 41 | 32 | | | | | | | | | | | | | | | | 387,153 |
| PDP (<200 kW) | 4,607 | 22 | 2 | | | | | | | | | | | | | | | | |
| SmartRate™ - Residential | 117,610 | 36 | 33 | | | | | | | | | | | | | | | | N/A |
| **Sub-Total Price Response** | 127,179 | 407 | 384 | | | | | | | | | | | | | | | | |
| **Total All Programs** | 284,993 | 757 | 718 | | | | | | | | | | | | | | | | |

[1] Ex Ante Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 2, 2013 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.

[2] Ex Post Estimated MW = In compliance with Decision 08-04-050, the values presented herein are based on the April 2, 2013 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.

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

**Program Eligibility and Average Load Impacts**

| Program | Average Ex Ante Load Impact kW / Customer January | February | March | April | May | June | July | August | September | October | November | December | Eligible Accounts as of Jan 1, 2013 | Eligibility Criteria (Refer to tariff for specifics) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BIP - Day Of | 740.42 | 760.09 | 748.56 | 861.83 | 842.17 | 895.97 | 870.06 | 897.95 | 884.24 | 842.82 | 807.72 | 805.61 | 10,424 | Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW. |
| OBMC | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 | N/A | Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum _average monthly demand of 100 kilowatts_ (kW).<br>Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW. |
| SmartAC - Commercial | N/A | N/A | N/A | N/A | 0.37 | 0.47 | 0.69 | 0.55 | 0.51 | 0.32 | N/A | N/A | N/A | Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. |
| SmartAC - Residential | N/A | N/A | N/A | N/A | 0.38 | 0.45 | 0.66 | 0.52 | 0.53 | 0.29 | N/A | N/A | N/A | Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. |
| AMP - Day Ahead | N/A | N/A | N/A | N/A | 157.27 | 157.27 | 157.27 | 157.27 | 157.27 | 157.27 | N/A | N/A | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| AMP - Day Of | N/A | N/A | N/A | N/A | 99.77 | 102.89 | 105.63 | 107.07 | 105.69 | 101.91 | N/A | N/A | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| CBP - Day Ahead | N/A | N/A | N/A | N/A | 109.42 | 131.45 | 140.98 | 116.76 | 95.38 | 107.48 | N/A | N/A | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| CBP - Day Of | N/A | N/A | N/A | N/A | 71.02 | 75.88 | 74.99 | 77.35 | 68.79 | 77.48 | N/A | N/A | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| DBP | 39.79 | 40.50 | 38.51 | 43.39 | 49.30 | 50.24 | 46.19 | 49.18 | 51.60 | 49.16 | 38.78 | 40.48 | 10,424 | 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) | 26.84 | 26.84 | 26.84 | 27.04 | 26.74 | 25.14 | 23.79 | 26.06 | 24.88 | 26.90 | 27.08 | 27.08 | 387,153 | Default beginning on: May 1, 2010 for bundled C&I Customers > 200kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with < 200 kW Maximum Demand and 12 months on Interval Meter. |
| PDP (<200 kW) | 4.57 | 4.57 | 4.57 | 4.50 | 4.88 | 3.81 | 4.74 | 3.95 | 4.33 | 4.07 | 4.57 | 4.57 | | |
| SmartRate[TM] - Residential | N/A | N/A | N/A | N/A | 0.16 | 0.22 | 0.31 | 0.25 | 0.24 | 0.14 | N/A | N/A | N/A | A voluntary rate supplement to residential customers' otherwise applicable schedule. Available to Bundled-Service customers served on a single family residential electric rate schedule. |

**The average ex ante load impacts per customer are based on the load impacts filing on April 2, 2013 (D.08-04-050). 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 (or 2 - 6 pm for PDP) for April through October, and 4 - 9 pm for November through March, on the system peak day of the month.**

**Program Eligibility and Average Load Impacts**

| Program | January | February | March | April | May | June | July | August | September | October | November | December | Eligible Accounts as of | Eligibility Criteria (Refer to tariff for specifics) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Average Ex Post Load Impact kW / Customer | | | | | | | | | | | | | |
| BIP - Day Of | 877.0 | 877.0 | 877.0 | 877.0 | 877.0 | 877.0 | 877.0 | 877.02 | 877.0 | 877.0 | 877.0 | 877.0 | 10,424 | Bundled, DA and CCA non-residential customer service accounts that have at least an average monthly demand of 100 kW. |
| OBMC | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 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 | N/A | Bundled-service customers taking service under Schedules A-10, E-19 or E-20 & minimum _average monthly demand of 100 kilowatts_ (kW).<br>Customers must commit to minimum 15% of baseline usage, with a minimum load reduction of 100 kW. |
| SmartAC - Commercial | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | N/A | Small and medium business customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. |
| SmartAC - Residential | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | 0.57 | N/A | Residential customers taking service under applicable rate schedules equipped with central or packaged DX air conditioning equipment. |
| AMP - Day Ahead | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 214.40 | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| AMP - Day Of | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 114.20 | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| CBP - Day Ahead | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 121.50 | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| CBP - Day Of | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 62.80 | 592,761 | Non-residential customers on commercial, industrial, partial standby, or agricultural rate schedules, except those who receive electric power from third parties (other than DA), billed via net metering or full standby services. |
| DBP | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 37.88 | 10,424 | 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) | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 18.55 | 387,153 | Default beginning on: May 1, 2010 for bundled C&I Customers > 200kW Maximum Demand; February 1st, 2011 for large bundled Ag customers; November 2014 for bundled C&I Customers with < 200 kW Maximum Demand and 12 months on Interval Meter. |
| PDP (<200 kW) | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | | |
| SmartRate™ - Residential | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | N/A | A voluntary rate supplement to residential customers' otherwise applicable schedule. Available to Bundled-Service customers served on a single family residential electric rate schedule. |

**The average ex post load impacts per customer are based on the load impacts filing on April 2, 2013 (D.08-04-050). Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over all actual event hours for the preceeding year when or if events occurred. Some programs may experience no events or few events while other programs may operate regularly depending on event triggers. For existing programs, the average ex post load impact per customer SAID remains constant across all months. The average load impact is "N/A" for programs having no prior events. Commercial SmartAC was not called in 2012; its average-customer impact reported here is from the April 2, 2012 filing.**

**Table I-2**
**Pacific Gas and Electtric Company**
**Program Subscription Statistics**
**July 2013**

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

| 2013 | January | | | | February | | | | March | | | | April | | | | May | | | | June | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Price Responsive** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** |
| AMP - Day Ahead | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| AMP - Day Of | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| CBP - Day Ahead | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| CBP - Day Of | | 0.0 | 0.1 | **0.1** | | 0.0 | 0.1 | **0.1** | | 0.0 | 0.1 | **0.1** | | 0.0 | 0.1 | **0.1** | | 0.0 | 0.1 | **0.1** | | 0.0 | 0.1 | **0.1** |
| 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 | **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** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| SmartRate™ - 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** | | 0.0 | 0.0 | **0.0** |
| 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 | 0.0 | **0.0** |
| **Total** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** |
| **Interruptible/Reliability** | | | | | | | | | | | | | | | | | | | | | | | | |
| BIP - Day of | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| OBMC | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| SLRP | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| 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** | | 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 | **0.0** |
| **Total** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** | | **0.0** | **0.0** | **0.0** | | 0.0 | 0.0 | **0.0** | | 0.0 | 0.0 | **0.0** |
| **Total Technology MWs** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.1** | **0.1** |
| **General Program** | | | | | | | | | | | | | | | | | | | | | | | | |
| TA (may also be enrolled in TI and AutoDR) | 0.6 | | | | 1.1 | | | | 1.1 | | | | 3.1 | | | | 3.3 | | | | 3.3 | | | |
| **Total** | **0.6** | 0.0 | 0.0 | 0.0 | **1.1** | 0.0 | 0.0 | 0.0 | **1.1** | 0.0 | 0.0 | 0.0 | **3.1** | 0.0 | 0.0 | 0.0 | **3.3** | 0.0 | 0.0 | 0.0 | **3.3** | 0.0 | 0.0 | 0.0 |
| **Total TA MWs** | **0.6** | N/A | N/A | N/A | **1.1** | N/A | N/A | N/A | **1.1** | N/A | N/A | N/A | **3.1** | N/A | N/A | N/A | **3.3** | N/A | N/A | N/A | **3.3** | N/A | N/A | N/A |

| 2013 | July | | | | August | | | | September | | | | October | | | | November | | | | December | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Price Responsive** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** | **TA Identified MWs** | **Auto DR Verified MWs** | **TI Verified MWs** | **Total Technology MWs** |
| AMP - Day Ahead | | 0.0 | 0.0 | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| AMP - Day Of | | 0.0 | 0.0 | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| CBP - Day Ahead | | 0.0 | 0.0 | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| CBP - Day Of | | 0.0 | 0.1 | **0.1** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| DBP | | 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** |
| SmartRate™ - Commercial | | 0.0 | 0.0 | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| SmartRate™ - Residential | | 0.0 | 0.0 | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** | | | | **0.0** |
| **Total** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** |
| **Interruptible/Reliability** | | | | | | | | | | | | | | | | | | | | | | | | |
| BIP - Day of | | 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** |
| SLRP | | 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** |
| **Total** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** |
| **Total Technology MWs** | | **0.0** | **0.1** | **0.1** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** | | **0.0** | **0.0** | **0.0** |
| **General Program** | | | | | | | | | | | | | | | | | | | | | | | | |
| TA (may also be enrolled in TI and AutoDR) | 0.0 | | | | | | | | | | | | | | | | | | | | | | | |
| **Total** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** |
| **Total TA MWs** | **0.0** | **N/A** | **N/A** | **N/A** | **0.0** | **N/A** | **N/A** | **N/A** | **0.0** | **N/A** | **N/A** | **N/A** | **0.0** | **N/A** | **N/A** | **N/A** | **0.0** | **N/A** | **N/A** | **N/A** | **0.0** | **N/A** | **N/A** | **N/A** |

**Table I-3**
**Pacific Gas and Electric Company**
**Demand Response Programs and Activities**
**2012-2014 Incremental Cost Funding**
**July 2013**

**2012-2014 Program Expenditures**

| Cost Item | 2012 Expenditures | January | February | March | April | May | June | July | August | September | October | November | December | Year-to Date 2013 Expenditures | Program-to-Date Total Expenditures 2012-2014 | 3-Year Funding | Fundshift Adjustments [4] | Percent Funding |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Category 1: Reliability Programs** | | | | | | | | | | | | | | | | | | |
| Base Interruptible Program (BIP) | $201,272 | $22,842 | $37,077 | $20,387 | $16,361 | $21,979 | $20,227 | $19,590 | | | | | | $158,464 | $359,735 | $666,349 | | 54.0% |
| Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP) | $85,998 | $6,803 | $10,484 | $10,363 | $6,084 | $12,568 | $6,897 | $5,745 | | | | | | $58,944 | $144,941 | $413,532 | | 35.0% |
| **Budget Category 1 Total** | $287,269 | $29,645 | $47,562 | $30,751 | $22,445 | $34,546 | $27,124 | $25,335 | $0 | $0 | $0 | $0 | $0 | $217,408 | $504,677 | $1,079,881 | $0 | 46.7% |
| **Category 2: Price-Responsive Programs** | | | | | | | | | | | | | | | | | | |
| Demand Bidding Program (DBP) | $259,533 | $14,794 | $67,515 | $16,982 | $19,126 | $26,739 | $17,002 | $17,587 | | | | | | $179,745 | $439,278 | $3,216,000 | | 13.7% |
| Capacity Bidding Program (CBP) | $363,759 | $19,033 | $208,734 | ($167,942) | $24,305 | $41,286 | $27,914 | $28,339 | | | | | | $181,668 | $545,428 | $11,563,485 | | 4.7% |
| Peak Choice [1] | $612,656 | $222,376 | $7,820 | ($1,837) | $935 | $20 | $181 | $215 | | | | | | $229,709 | $842,365 | $1,750,000 | | 48.1% |
| Smart AC | $3,141,763 | ($28,082) | $447,683 | $269,003 | $240,126 | $316,698 | $427,922 | $391,199 | | | | | | $2,064,549 | $5,206,312 | $19,353,335 | | 26.9% |
| **Budget Category 2 Total** | $4,377,711 | $228,121 | $731,751 | $116,206 | $284,492 | $384,743 | $473,019 | $437,340 | $0 | $0 | $0 | $0 | $0 | $2,655,672 | $7,033,383 | $35,882,820 | $0 | 19.6% |
| **Category 3: DR Provider/Aggregator Managed Programs** | | | | | | | | | | | | | | | | | | |
| Aggregator Managed Portfolio (AMP) | $315,887 | $22,029 | $209,398 | ($163,795) | $26,026 | $42,433 | $28,840 | $29,116 | | | | | | $194,047 | $509,934 | $1,187,700 | | 42.9% |
| **Budget Category 3 Total** | $315,887 | $22,029 | $209,398 | ($163,795) | $26,026 | $42,433 | $28,840 | $29,116 | $0 | $0 | $0 | $0 | $0 | $194,047 | $509,934 | $1,187,700 | $0 | 42.9% |
| **Category 4: Emerging & Enabling Programs** | | | | | | | | | | | | | | | | | | |
| Auto DR | $1,224,635 | $174,706 | $242,004 | $128,888 | $240,457 | $189,448 | $190,712 | $189,383 | | | | | | $1,355,599 | $2,580,234 | $26,297,459 | | 9.8% |
| DR Emerging Technology | $114,274 | $20,516 | $18,431 | $17,565 | $17,866 | $16,508 | $55,061 | $18,756 | | | | | | $164,702 | $278,976 | $3,749,238 | | 7.4% |
| **Budget Category 4 Total** | $1,338,910 | $195,222 | $260,435 | $146,453 | $258,323 | $205,956 | $245,774 | $208,139 | $0 | $0 | $0 | $0 | $0 | $1,520,301 | $2,859,210 | $30,046,697 | $0 | 9.5% |
| **Category 5: Pilots** | | | | | | | | | | | | | | | | | | |
| IRR Phase 2 | $53,200 | $9,525 | $5,554 | $8,739 | $11,239 | $7,356 | $6,841 | $8,365 | | | | | | $57,619 | $110,819 | $2,458,336 | | 4.5% |
| T&D DR | $48,436 | $348 | $4,848 | $7,731 | $2,664 | $6,515 | $6,404 | $7,607 | | | | | | $36,117 | $84,553 | $2,458,336 | | 3.4% |
| Plug-in Hybrid EV/EV (incl. HAN-EV) | $45,548 | $2,955 | $2,525 | $1,082 | $3,788 | $9,723 | $7,717 | $9,937 | | | | | | $37,727 | $83,275 | $3,000,000 | | 2.8% |
| **Budget Category 5 Total** | $147,184 | $12,827 | $12,927 | $17,552 | $17,690 | $23,594 | $20,963 | $25,909 | $0 | $0 | $0 | $0 | $0 | $131,463 | $278,647 | $7,916,672 | $0 | 3.5% |
| **Category 6: Evaluation, Measurement and Verification** | | | | | | | | | | | | | | | | | | |
| DRMEC | $774,401 | $142,377 | $295,832 | $410,665 | $91,550 | $121,500 | $160,164 | $125,995 | | | | | | $1,348,083 | $2,122,484 | $14,520,981 | | 14.6% |
| DR Research Studies | - | - | - | - | - | - | - | - | | | | | | - | $0 | $1,200,000 | | 0.0% |
| **Budget Category 6 Total** | $774,401 | $142,377 | $295,832 | $410,665 | $91,550 | $121,500 | $160,164 | $125,995 | $0 | $0 | $0 | $0 | $0 | $1,348,083 | $2,122,484 | $15,720,981 | $0 | 13.5% |
| **Category 7: Marketing, Education and Outreach** | | | | | | | | | | | | | | | | | | |
| Statewide Marketing [1] | $3,360,000 | - | - | $140,000 | - | - | ($140,000) | - | | | | | | - | $3,360,000 | $3,500,000 | | 96.0% |
| DR Core Marketing and Outreach [2] | $1,085,822 | 100,962.85 | $59,996 | $45,450 | $54,021 | $54,492 | $53,164 | $83,230 | | | | | | $451,315 | $1,537,137 | $13,000,000 | | 37.1% |
| SmartAC ME&O [3] | $2,073,420 | (288.05) | $28,291 | $64,204 | $202,136 | $540,836 | $298,400 | $77,744 | | | | | | $1,211,324 | $3,284,744 | $0 | | |
| Education and Training | $78,720 | 5,667.41 | $2,731 | $17,841 | $6,345 | $3,117 | $4,366 | $4,658 | | | | | | $44,726 | $123,447 | $771,993 | | 16.0% |
| **Budget Category 7 Total** | $6,597,962 | $106,342 | $91,017 | $267,496 | $262,502 | $598,445 | $215,931 | $165,632 | $0 | $0 | $0 | $0 | $0 | $1,707,366 | $8,305,328 | $17,271,993 | $0 | 48.1% |
| **Category 8: DR System Support Activities** | | | | | | | | | | | | | | | | | | |
| InterAct / DR Forecasting Tool | $3,474,597 | $956,854 | ($35,069) | $249,682 | $234,325 | $235,145 | $246,169 | $251,939 | | | | | | $2,139,045 | $5,613,642 | $14,407,887 | | 39.0% |
| DR Enrollment & Support | $1,400,624 | $129,923 | $212,355 | $681,498 | $202,802 | $23,740 | $194,214 | $228,730 | | | | | | $1,673,263 | $3,073,886 | $15,787,400 | | 19.5% |
| Notifications | $248,316 | $2,038 | $2,867 | $3,522 | $9,206 | $5,618 | $7,272 | $152,030 | | | | | | $182,554 | $430,870 | $7,427,715 | | 5.8% |
| DR Integration Policy & Planning | $262,745 | $42,124 | $44,379 | $56,115 | $57,927 | $58,878 | $95,572 | $99,492 | | | | | | $454,488 | $717,233 | $3,893,342 | | 18.4% |
| **Budget Category 8 Total** | $5,386,281 | $1,130,939 | $224,532 | $990,817 | $504,260 | $323,381 | $543,228 | $732,192 | $0 | $0 | $0 | $0 | $0 | $4,449,349 | $9,835,631 | $41,516,344 | $0 | 23.7% |
| **Category 9: Integrated Programs and Activities (Including Technical Assistance)** | | | | | | | | | | | | | | | | | | |
| Technology Incentives - IDSM [5] | $326,769 | $25,594 | $76,437 | $6,707 | $29,706 | $41,424 | $40,237 | $41,601 | | | | | | $261,707 | $588,477 | $7,538,000 | | 7.8% |
| PEAK [1] | $542,611 | - | ($918) | ($45) | - | - | - | - | | | | | | ($962) | $541,648 | $560,000 | | 96.7% |
| Integrated Marketing & Outreach [1] | $377,386 | $7,412 | ($40,928) | ($504) | $3,123 | $7,246 | ($1,721) | $1,632 | | | | | | ($23,740) | $353,646 | $377,500 | $73,000 | 93.7% |
| Integrated Education & Training [1] | $14,895 | $1,223 | $46 | ($1,366) | $50 | $51 | $36 | $41 | | | | | | $81 | $14,976 | $61,000 | | 24.6% |
| Integrated Sales Training [1] | $14,744 | $1,177 | - | ($1,415) | - | - | - | - | | | | | | ($237) | $14,507 | $76,000 | | 19.1% |
| Integrated Energy Audits [5] | $496,187 | $19,221 | $8,407 | $13,181 | $3,333 | $9,774 | $14,870 | $36,428 | | | | | | $105,215 | $601,401 | $3,719,000 | ($73,000) | 16.2% |
| Integrated Emerging Technology [1] | $115,976 | $3,166 | $13,065 | $28,955 | ($20,361) | $85,629 | $48,960 | $31,413 | | | | | | $190,826 | $306,802 | $440,000 | | 69.7% |
| **Budget Category 9 Total** | $1,888,568 | $57,794 | $56,109 | $45,513 | $15,852 | $144,124 | $102,382 | $111,115 | $0 | $0 | $0 | $0 | $0 | $532,889 | $2,421,457 | $12,771,500 | $0 | 19.0% |
| **Category 10: Special Projects** | | | | | | | | | | | | | | | | | | |
| DR-HAN Integration (excl. HAN-EV) [6] | - | - | - | - | - | - | - | | | | | | | - | - | $11,941,000 | | 0.0% |
| Permanent Load Shifting | $211,929 | $17,018 | $18,378 | $16,876 | $15,950 | $21,065 | $19,966 | $24,008 | | | | | | $133,261 | $345,190 | $15,000,000 | | 2.3% |
| **Budget Category 10 Total** | $211,929 | $17,018 | $18,378 | $16,876 | $15,950 | $21,065 | $19,966 | $24,008 | $0 | $0 | $0 | $0 | $0 | $133,261 | $345,190 | $26,941,000 | $0 | 1.3% |
| Recovery of Capital Costs Authorized Prior to 2009 | $882,402 | $67,711 | $67,490 | $67,269 | $67,048 | $66,827 | $66,606 | $65,553 | | | | | | $468,504 | $1,350,906 | $0 | $0 | N/A |
| **Total Incremental Cost [7]** | $22,208,505 | $2,010,025 | $2,015,430 | $1,945,802 | $1,566,139 | $1,966,613 | $1,903,997 | $1,950,336 | $0 | $0 | $0 | $0 | $0 | $13,358,342 | $35,566,847 | $190,335,588 | $0 | 18.7% |

| | |
|---|---|
| Technical Assistance & Technology Incentives (TA&TI) Identified as of JULY 2013. | $0 |

[1] Authorized funding for 2012 only.
[2] 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 2012-14 approved budget for DR Core Marketing and Outreach
[3] The budget for SmartAC marketing, education, and outreach costs are included in the 2012-14 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.
[4] See the Fund Shift Log 2012-14 for explanations.
[5] Additional funding for Technology Incentives and Integrated Energy Audits was approved in Energy Efficiency Decision 12-11-015 for 2013 and 2014.
[6] The CPUC authorized the HAN Integration Project in the amount of $11,941,000 ($3,846,000 expense and $8,095,000 capital) on April 8, 2013 per Advice Letter 4119-E/E-A.
[7] Total Incremental Cost excludes incentives. Incentives are reported on Table I-5.

**Table I-4**
**Pacific Gas and Electric Company**
**Interruptible and Price Responsive Programs**
**Year-to-Date Event Summary**
**July 2013**

| Program Type | Month | Program Name | Zones [1] | Event Date | Event No. (by Program Type) | Program Type | Trigger | # of Accounts | Event Start Time (PDT) | Event End Time (PDT) | Program Tolled Hours | Load Reduction MW (Max Hourly) [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Interruptible/Reliability Programs | | | | | | | | | | | | |
| Interruptible/Reliability Programs | JULY | Base Interruptible Program (BIP) | All SubLAPs | 2-Jul | 1 | Day Of | Test | 281 | 3:00 PM | 7:00 PM | 4 | 235.6 |
| Interruptible/Reliability Programs | | Optional Bidding Mandatory Curtailment / Scheduled Load Reduction (OBMC / SLRP) | | | | | | | | | | |
| Price-Responsive Programs | | | | | | | | | | | | |
| Price-Responsive Programs | MAY | Aggregator Managed Portfolio (AMP) | System and All LCAs | 30-May | 1 | Day Ahead | Test | 315 | 3:00 PM | 5:00 PM | 2 | 34.7 |
| Price-Responsive Programs | MAY | Aggregator Managed Portfolio (AMP) | System and All LCAs | 30-May | 1 | Day Of | Test | 1,283 | 3:00 PM | 5:00 PM | 2 | 152.6 |
| Price-Responsive Programs | JULY | Aggregator Managed Portfolio (AMP) | All LCAs | 1-Jul | 2 | Day Ahead | Heat Rate | 442 | 3:00 PM | 7:00 PM | 4 | 40.4 |
| Price-Responsive Programs | JULY | Aggregator Managed Portfolio (AMP) | System and All LCAs | 1-Jul | 2 | Day Of | Heat Rate | 1,331 | 3:00 PM | 7:00 PM | 4 | 169.2 |
| Price-Responsive Programs | JULY | Aggregator Managed Portfolio (AMP) | All LCAs | 2-Jul | 3 | Day Ahead | Heat Rate | 442 | 2:00 PM | 6:00 PM | 4 | 38.5 |
| Price-Responsive Programs | JULY | Aggregator Managed Portfolio (AMP) | System and All LCAs | 2-Jul | 3 | Day Of | Heat Rate | 1,331 | 3:00 PM | 7:00 PM | 4 | 167.9 |
| Price-Responsive Programs | JULY | Aggregator Managed Portfolio (AMP) | All LCAs | 3-Jul | 4 | Day Ahead | Heat Rate | 442 | 3:00 PM | 7:00 PM | 4 | 31.4 |
| Price-Responsive Programs | JUNE | Capacity Bidding Program (CBP) | Humboldt, North Coast, Sierra, and Sacramento SubLAPs | 7-Jun | 1 | Day Of | Temperature | 37 | 3:00 PM | 6:00 PM | 3 | 1.0 |
| Price-Responsive Programs | JULY | Capacity Bidding Program (CBP) | 7 SubLAPs: Central Coast, East Bay (Bay Area), Fresno, Los Padres, South Bay (Bay Area), San Francisco (Bay Area), and Stockton | 1-Jul | 2 | Day Ahead | Heat Rate | 25 | 3:00 PM | 7:00 PM | 4 | 12.2 |
| Price-Responsive Programs | JULY | Capacity Bidding Program (CBP) | System and 15 SubLAPs: (excludes San Joaquin) | 1-Jul | 2 | Day Of | Heat Rate | 470 | 3:00 PM | 7:00 PM | 4 | 18.5 |
| Price-Responsive Programs | JULY | Capacity Bidding Program (CBP) | 7 SubLAPs: Central Coast, East Bay (Bay Area), Fresno, Los Padres, South Bay (Bay Area), San Francisco (Bay Area), and Stockton | 2-Jul | 3 | Day Ahead | Heat Rate | 25 | 2:00 PM | 6:00 PM | 4 | 6.6 |
| Price-Responsive Programs | JULY | Capacity Bidding Program (CBP) | System and 15 SubLAPs: (excludes San Joaquin) | 2-Jul | 3 | Day Of | Heat Rate | 470 | 4:00 PM | 7:00 PM | 3 | 18.0 |
| Price-Responsive Programs | JULY | Capacity Bidding Program (CBP) | 7 SubLAPs: Central Coast, East Bay (Bay Area), Fresno, Los Padres, South Bay (Bay Area), San Francisco (Bay Area), and Stockton | 3-Jul | 4 | Day Ahead | Heat Rate | 25 | 3:00 PM | 7:00 PM | 4 | 3.3 |
| Price-Responsive Programs | JUNE | Demand Bidding Program (DBP) | Humboldt, and North Coast SubLAPs | 7-Jun | 1 | Day Ahead | Temperature | 2 | 12:00 PM | 8:00 PM | 8 | 0.7 |
| Price-Responsive Programs | JULY | Demand Bidding Program (DBP) | System and All SubLAPs | 1-Jul | 2 | Day Ahead | Temperature | 72 | 12:00 PM | 6:00 PM | 6 | 40.9 |
| Price-Responsive Programs | JULY | Demand Bidding Program (DBP) | System and All SubLAPs | 3-Jul | 3 | Day Ahead | Temperature | 79 | 12:00 PM | 8:00 PM | 8 | 44.0 |
| Price-Responsive Programs | JUNE | Peak Day Pricing (PDP) | System | 7-Jun | 1 | Day Ahead | Temperature | 6,031 | 12:00 PM | 6:00 PM | 6 | 44.7 |
| Price-Responsive Programs | JUNE | Peak Day Pricing (PDP) | System | 28-Jun | 2 | Day Ahead | Temperature | 6,047 | 12:00 PM | 6:00 PM | 6 | 49.7 |
| Price-Responsive Programs | JULY | Peak Day Pricing (PDP) | System | 1-Jul | 3 | Day Ahead | Temperature | 6,047 | 12:00 PM | 6:00 PM | 6 | 41.2 |
| Price-Responsive Programs | JULY | Peak Day Pricing (PDP) | System | 2-Jul | 4 | Day Ahead | Temperature | 6,047 | 12:00 PM | 6:00 PM | 6 | 44.5 |
| Price-Responsive Programs | JULY | Peak Day Pricing (PDP) | System | 9-Jul | 5 | Day Ahead | Temperature | 6,040 | 12:00 PM | 6:00 PM | 6 | 32.5 |
| Price-Responsive Programs | JULY | Peak Day Pricing (PDP) | System | 19-Jul | 6 | Day Ahead | Temperature | 6,037 | 12:00 PM | 6:00 PM | 6 | 46.8 |
| Price-Responsive Programs | JUNE | SmartRate | System | 7-Jun | 1 | Day Ahead | Temperature | 114,438 | 2:00 PM | 7:00 PM | 5 | 41.7 |
| Price-Responsive Programs | JUNE | SmartRate | System | 28-Jun | 2 | Day Ahead | Temperature | 117,469 | 2:00 PM | 7:00 PM | 5 | 51.4 |
| Price-Responsive Programs | JULY | SmartRate | System | 1-Jul | 3 | Day Ahead | Temperature | 117,831 | 2:00 PM | 7:00 PM | 5 | 44.1 |
| Price-Responsive Programs | JULY | SmartRate | System | 2-Jul | 4 | Day Ahead | Temperature | 117,831 | 2:00 PM | 7:00 PM | 5 | 47.2 |
| Price-Responsive Programs | JULY | SmartRate | System | 19-Jul | 5 | Day Ahead | Temperature | 0 | 2:00 PM | 7:00 PM | 5 | 32.6 |
| Price-Responsive Programs | JUNE | SmartAC | East Bay SubLAP | 7-Jun | 1 | Day Of | Emergency | 35,011 | 7:00 PM | 10:00 PM | 3 | |
| Price-Responsive Programs | JULY | SmartAC | System[3] | 1-Jul | 2 | Day Of | Test | 112,282 | 9:30 AM | 8:00 PM | 10.5 | |
| Price-Responsive Programs | JULY | SmartAC | Los Padres SubLAP | 2-Jul | 3 | Day Of | Emergency | 6,919 | 6:50 PM | 10:50 PM | 4 | |
| Price-Responsive Programs | JULY | SmartAC | North Coast SubLAP | 3-Jul | 4 | Day Of | Emergency | 1,182 | 5:45 PM | 9:45 PM | 4 | |
| Price-Responsive Programs | JULY | SmartAC | Geysers SubLAP | 3-Jul | 4 | Day Of | Emergency | 4,534 | 5:50 PM | 9:50 PM | 4 | |

(1) Identifies location of event (e.g., LCA or SubLAP) for locally-dispatchable programs. Non-locally dispatchable programs are listed as System.
(2) Load reduction amount is based on available meter data and may vary by month pending the collection of all data.
(3) The system was divided into ten groups of residential customers; each group was dispatched for a maximum of two hours. PG&E identified ~3,000 participants who may have been impacted by a programming error in their devices which, in combination with the head-end system, caused extended control of air conditioning units. Details of this incident will be reported in a response to a data request: DRA-10 DRA-DR_PG&E007 (2013).

**Table I-5**
**Pacific Gas and Electric Company**
**2012-2014 Demand Response Programs**
**Total Embedded Cost and Revenues**
**July 2013**

| Annual Total Cost | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | |
| **Cost Item** | **2012 Cost of Incentives** | **January** | **February** | **March** | **April** | **May** | **June** | **July** | **August** | **September** | **October** | **November** | **December** | **Year-to-Date Total Cost** | **Program-to-Date Total Cost** |
| **Program Incentives** | | | | | | | | | | | | | | | |
| Automatic Demand Response (AutoDR) | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | | | | | | $0 | $0 |
| Aggregator Managed Portfolio (AMP)[1] | $13,510,978 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | | | | | | $0 | $13,510,978 |
| Base Interruptible Program (BIP)[1] | $23,249,247 | $1,740,082 | 1,919,797 | 1,969,335 | $2,156,413 | $2,082,785 | $2,140,797 | $1,934,984 | | | | | | $13,944,192 | $37,193,439 |
| Capacity Bidding Program (CBP) | $2,101,912 | $0 | $0 | $0 | $0 | $49,558 | $37,437 | $221,201 | | | | | | $308,196 | $2,410,108 |
| Demand Bidding Program (DBP) | $487,017 | $0 | $0 | $0 | $0 | $0 | $1,754 | $295,070 | | | | | | $296,824 | $783,841 |
| Optional Binding Mandatory Curtailment / Scheduled Load Reduction Program (OBMC / SLRP)[1] | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | | | | | | $0 | $0 |
| Technology Incentive (TI) | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | | | | | | $0 | $0 |
| PeakChoice | $135,969 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | | | | | | $0 | $135,969 |
| SmartAC | $435,493 | $69,397 | $24,147 | $16,252 | $29,721 | $54,548 | $77,674 | $21,047 | | | | | | $292,785 | $728,278 |
| **Total Cost of Incentives** | $39,920,615 | $1,809,479 | $1,943,943 | $1,985,587 | $2,186,134 | $2,186,891 | $2,257,662 | $2,472,302 | $0 | $0 | $0 | $0 | $0 | $14,841,998 | $54,762,612 |
| | | | | | | | | | | | | | | | |
| **Revenues from Penalties** | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 | $0 |

[1]Amounts reported are for incentives costs that are not recorded in the Demand Response Expenditures Balancing Account. Incentives are recorded at the time of payment.

**Table I-7**
**Pacific Gas and Electric Company**
**2012-2014 Marketing, Education and Outreach**
**Actual Expenditures**
**July 2013**

| PG&E's ME&O Actual Expenditures | 2012- 2014 Funding Cycle Customer Communication, Marketing, and Outreach | | | | | | | | | | | | | Year-to Date 2013 Expenditures | 2012-2014 Total Expenditures | Authorized Budget (if Applicable) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Year-to-Date 2012 Expenditures | January | February | March | April | May | June | July | August | September | October | November | December | | | |
| **I. STATEWIDE MARKETING** | | | | | | | | | | | | | | | | |
| IOU Administrative Costs | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ - | |
| Statewide ME&O contract | $ 3,360,000 | $ - | $ - | $ 140,000 | $ - | $ - | $ (140,000) | $ - | | | | | | $ - | $ 3,360,000 | |
| **I. TOTAL STATEWIDE MARKETING** | | **$ -** | **$ -** | **$ 140,000** | **$ -** | **$ -** | **$ (140,000)** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **0** | **$ 3,360,000** | **$ 3,500,000** |
| **II. UTILITY MARKETING BY ACTIVITY * (1)** | | | | | | | | | | | | | | | | |
| TOTAL AUTHORIZED UTILITY MARKETING BUDGET FOR 2012-2014 | [redacted] | | | | | | | | | | | | | | | |
| **PROGRAMS, RATES & ACTIVITES WHICH DO NOT REQUIRE ITEMIZED ACCOUNTING** | | | | | | | | | | | | | | | | |
| Integrated Demand Side Marketing [(4)] | $ 392,281 | $ 8,635 | $ (40,882) | $ (1,871) | $ 3,173 | $ 7,297 | $ (1,685) | $ 1,673 | | | | | | $ (23,659) | $ 368,622 | $ 438,500 |
| 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 | $ 232,908 | $ 53,315 | $ 31,363 | $ 31,646 | $ 30,183 | $ 28,804 | $ 28,765 | $ 43,944 | | | | | | $ 248,021 | $ 480,929 | |
| 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 | $ 116,454 | $ 21,326 | $ 12,545 | $ 12,658 | $ 12,073 | $ 11,522 | $ 11,506 | $ 17,578 | | | | | | $ 99,208 | $ 215,663 | |
| 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) | $ 349,363 | $ 31,989 | $ 18,818 | $ 18,987 | $ 18,110 | $ 17,283 | $ 17,259 | $ 26,366 | | | | | | $ 148,813 | $ 498,175 | |
| PeakChoice | $ 465,817 | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ 465,817 | |
| Customer Awareness, Education and Outreach | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ - | |
| **PROGRAMS & RATES WHICH REQUIRE ITEMIZED ACCOUNTING** | | | | | | | | | | | | | | | | |
| **SmartAC** | $ 2,073,420 | $ (288) | $ 28,291 | $ 64,204 | $ 202,136 | $ 540,836 | $ 298,400 | $ 77,744 | $ - | $ - | $ - | $ - | $ - | $ 1,211,324 | $ 3,284,744 | |
| Customer Research | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ - | |
| Collateral- Development, Printing, Distribution etc. (all non-labor costs) | $ 1,792,729 | $ (13,525) | $ 13,830 | $ 46,226 | $ 176,969 | $ 513,789 | $ 279,010 | $ 49,797 | | | | | | $ 1,066,097 | $ 2,858,826 | |
| Labor | $ 243,217 | $ 12,836 | $ 12,611 | $ 16,928 | $ 15,367 | $ 20,298 | $ 14,490 | $ 26,197 | | | | | | $ 118,727 | $ 361,944 | |
| Paid Media | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ - | |
| Other Costs | $ 37,474 | $ 400 | $ 1,850 | $ 1,050 | $ 9,800 | $ 6,750 | $ 4,900 | $ 1,750 | | | | | | $ 26,500 | $ 63,974 | |
| **II. TOTAL UTILITY MARKETING BY ACTIVITY** | $ 3,630,243 | $ 114,978 | $ 50,135 | $ 125,625 | $ 265,675 | $ 605,742 | $ 354,246 | $ 167,305 | $ - | $ - | $ - | $ - | $ - | $ 1,683,706 | $ 5,313,950 | **$ 14,210,493** |
| **III. UTILITY MARKETING BY ITEMIZED COST** | | | | | | | | | | | | | | | | |
| Customer Research | $ 37,290 | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ 37,290 | |
| Collateral- Development, Printing, Distribution etc. (all non-labor costs) | $ 2,284,479 | $ (11,894) | $ 15,857 | $ 65,197 | $ 178,025 | $ 514,773 | $ 282,505 | $ 50,612 | | | | | | $ 1,095,076 | $ 3,379,555 | |
| Labor | $ 1,234,882 | $ 126,471 | $ 32,428 | $ 59,378 | $ 77,850 | $ 83,771 | $ 66,841 | $ 114,944 | | | | | | $ 561,682 | $ 1,796,565 | |
| Paid Media | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | | | | | | $ - | $ - | |
| Other Costs | $ 73,592 | $ 400 | $ 1,850 | $ 1,050 | $ 9,800 | $ 7,198 | $ 4,900 | $ 1,750 | | | | | | $ 26,948 | $ 100,540 | |
| **III. TOTAL UTILITY MARKETING BY ITEMIZED COST** | $ 3,630,243 | $ 114,978 | $ 50,135 | $ 125,625 | $ 265,675 | $ 605,742 | $ 354,246 | $ 167,305 | $ - | $ - | $ - | $ - | $ - | $ 1,683,706 | $ 5,313,950 | |
| **IV. UTILITY MARKETING BY CUSTOMER SEGMENT** | | | | | | | | | | | | | | | | |
| Agricultural | $ 233,523 | $ 17,290 | $ 3,277 | $ 9,213 | $ 9,531 | $ 9,736 | $ 8,377 | $ 13,434 | | | | | | $ 70,857 | $ 304,381 | |
| Large Commercial and Industrial | $ 1,323,300 | $ 97,976 | $ 18,568 | $ 52,208 | $ 54,008 | $ 55,170 | $ 47,469 | $ 76,127 | | | | | | $ 401,525 | $ 1,724,825 | |
| Small and Medium Commercial | $ 103,671 | $ (14) | $ 1,415 | $ 3,210 | $ 10,107 | $ 27,042 | $ 14,920 | $ 3,887 | | | | | | $ 60,566 | $ 164,237 | |
| Residential | $ 1,969,749 | $ (274) | $ 26,876 | $ 60,994 | $ 192,029 | $ 513,795 | $ 283,480 | $ 73,857 | | | | | | $ 1,150,758 | $ 3,120,507 | |
| **IV. TOTAL UTILITY MARKETING BY CUSTOMER SEGMENT** | $ 3,630,243 | $ 114,978 | $ 50,135 | $ 125,625 | $ 265,675 | $ 605,742 | $ 354,246 | $ 167,305 | $ - | $ - | $ - | $ - | $ - | $ 1,683,706 | $ 5,313,950 | |

**Notes:**

* (1) 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 12-04-045, 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 such as Peak Choice 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.

* (2) The 2012 Authorized Budget for Integrated Demand Side Marketing includes the budget for Integrated Marketing & Outreach ($304,500) and Integrated Education & Training ($61,000).

* (3) The Total Authorized Budget for Utility Marketing includes the Integrated Demand Side Marketing budget for 2012 and the local ME&O (DR Core Marketing & Outreach and Education &Training) budget for 2012-14.

* (4) See the Fund Shift Log 2012-14 for explanations.

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

**OP 4:** **Pacific Gas and Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company:**
**May not shift funds between categories with two exceptions as stated in Ordering Paragraphs 4 and 5;**
**May continue to shift up to 50 percent of a Demand Response program's funds to another program within the same budget category, with proper monthly reporting;**
**Shall not shift funds within the "Pilots" or "Special Projects" categories without submitting a Tier 2 Advice Letter filing;**
**May shift funds for pilots in the Enabling or Emerging Technologies category;**
**Shall continue to submit a Tier 2 Advice Letter to eliminate a Demand Response program;**
**Shall not eliminate a program through multiple fund shifting events or for any other reason without prior authorization from the Commission; and**
**Shall submit a Tier 2 Advice Letter before shifting more than 50 percent of a program's funds to a different program within the same budget category.**

| Program Category | Fund Shift Amount | Programs Impacted | Date | Rationale for Fundshift |
|---|---|---|---|---|
| Category 1: Reliability Programs | $0.00 | | | |
| Category 2: Price-Responsive Programs | $0.00 | | | |
| Category 3: DR Provider/Aggregator Managed Programs | $0.00 | | | |
| Category 4: Emerging & Enabling Programs | $0.00 | | | |
| Category 5: Pilots | $0.00 | | | |
| Category 6: Evaluation, Measurement and Verification | $0.00 | | | |
| Category 7: Marketing, Education and Outreach | $0.00 | | | |
| Category 8: DR System Support Activities | $0.00 | | | |
| Category 9: Integrated Programs and Activities | $73,000 | Integrated Energy Audits to Integrated Marketing & Outreach | 12/1/2012 | The transferred funds support the expanded effort to increase adoption of energy management solutions, which integrate DR with other PG&E programs. |
| Category 10: Special Projects | $0.00 | | | |
| **Total** | **$73,000** | | | |