

# **Appendix A**

## **Budgets**

**Table A-1**  
**SAN DIEGO GAS AND ELECTRIC**  
**SUMMARY OF UTILITY DEMAND RESPONSE PROGRAMS**  
**AND BUDGETS FOR 2012-2014 BY PROPOSED PROGRAM CATEGORY**  
(Thousands of Dollars)

| Line | Programs by Category   | Footnote | Budget Requested for 2012-2014 (Thousands of Dollars) |              |              |              |
|------|--|----------|---|--------------|--------------|--------------|
|      |  |          | 2012  | 2013         | 2014         | Total        |
| 1    | <b>Category 1 - DR Programs</b>  |          |   |              |              |              |
| 2    | Base Interruptible Program (BIP)   |          | 1,113   | 1,283        | 1,783        | 4,179        |
| 3    | Optional Binding Mandatory Curtailment/Scheduled Load Reduction Programs (OBMC/SLRP) | 1        |   |              |              |              |
| 4    | Summer Saver   | 2        |   |              |              |              |
| 5    | Capacity Bidding Program (CBP)   |          | 3,648   | 4,053        | 4,238        | 11,939       |
| 67   | DemandSMART™ Program (DSP)   | 3        | 200   | 220          | 220          | 640          |
| 78   | Peak Time Rebate (PTR)   |          | 2,658   | 8,314,038    | 8,644,076    | 4,3534,772   |
| 89   | <b>Total</b>   |          | 7,619   | 6,3876,594   | 7,1057,317   | 21,11121,530 |
| 940  | <b>Category 2 - Enabling Programs, Pilots, DR Integration Policy &amp; Planning</b>  |          |   |              |              |              |
| 1044 | Permanent Load Shifting (PLS)  |          | 775   | 1,188        | 1,106        | 3,069        |
| 1142 | Emerging Technology DR (ET-DR)   |          | 700   | 704          | 707          | 2,111        |
| 1243 | Locational Demand Response (LDR)   |          | 141   | 144          | 148          | 433          |
| 1345 | New Construction Demand Response (NCDRP)   |          | 554   | 283          | 289          | 1,126        |
| 1446 | Sm Customer Tech Deployment (SCTD)   |          | 5,822   | 4,432        | 2,755        | 13,009       |
| 1547 | Technology Incentives (TI)   |          | 3,014   | 3,023        | 3,031        | 9,068        |
| 1648 | <b>Total</b>   |          | 11,006  | 9,774        | 8,036        | 28,816       |
| 1749 | <b>Category 3 - Evaluation, Measurement, and Verification</b>                        |          |   |              |              |              |
| 1820 | Evaluation, Measurement and Verification   |          | 1,676   | 1,913        | 1,526        | 5,115        |
| 1924 | <b>Total</b>   |          | 1,676   | 1,913        | 1,526        | 5,115        |
| 2022 | <b>Category 4 - System Support Activities</b>  |          |   |              |              |              |
| 2123 | Regulatory Policy & Program Support  |          | 700   | 745          | 786          | 2,231        |
| 2224 | IT Infrastructure & System Support   |          | 2,829   | 1,503        | 1,078        | 5,410        |
| 2325 | <b>Total</b>   |          | 3,529   | 2,248        | 1,864        | 7,641        |
| 2426 | <b>Category 5 - DR Core Marketing and Outreach</b>                                   |          |   |              |              |              |
| 2527 | Customer Education and Outreach (CEAO)   |          | 423   | 378          | 357          | 1,158        |
| 2628 | <b>Total</b>   |          | 423   | 378          | 357          | 1,158        |
| 2729 | <b>Category 6 - Integrated Programs</b>  |          |   |              |              |              |
| 2830 | Technical Assistance (TA)  |          | 3,321   | -            | -            | 3,321        |
| 2934 | Microgrid Program (MICROGRID)  |          | 119   | -            | -            | 119          |
| 3032 | Flex Alert Network (FLEX)  | 4        | 210   | -            | -            | 210          |
| 3133 | Customer Education and Outreach - IDSM   |          | 1,269   | -            | -            | 1,269        |
| 3234 | <b>Total</b>   |          | 4,919   | -            | -            | 4,919        |
| 3335 | <b>GRAND TOTAL</b>   |          | 29,172  | 20,70020,907 | 18,88819,100 | 68,76069,179 |

Footnotes:

- 1 D.08-02-034 2006 GRC filing for OBMC, SLRP, and CPP-D.  
A.10-12-005 2012 GRC filing for OBMC, SLRP and CPP-D.
- 2 D. 04-06-011 Filing for Summer Saver.
- 3 D.09-09-015 Filing for DemandSMART™.
- 4 FLEX is an integrated program, and should be classified in Category 10 per D.09-08-027.

**Table A-2  
San Diego Gas and Electric Company  
Approved/Pending Amounts for Demand Response-related Activities  
2009-2014**

| Current Proceeding        | Source                                 | Program                                | Authorization              | Cost Description   | Authorized Amount |              |              |               |                                     |                                     | Balancing Accounts  | MW Enrolled          |
|---------------------------|--|--|----------------------------|--|-------------------|--------------|--------------|---------------|-------------------------------------|-------------------------------------|---|----------------------|
|                           |  |  |                            |  | 2009              | 2010         | 2011         | 2012          | 2013                                | 2014                                |   |                      |
| Demand Response 2009-2011 | Demand Response Application            | Other DR Programs                      | D.09-08-027                | DR Activities and Budgets for 2009-2011, IDSM  | \$17,709,134      | \$13,961,208 | \$13,696,293 |               |                                     |                                     | Advanced Metering and Demand Response Memorandum Account (AMDRMA)   | 26.73                |
|                           | Order Adopting Changes to DR Programs  | PLS                                    | D.06-11-049<br>D.09-08-017 | Peak Load Shifting   | \$1,436,333       | \$1,436,333  | \$1,436,333  |               |                                     |                                     | Advanced Metering and Demand Response Memorandum Account (AMDRMA)   | 2.8                  |
| Demand Response 2012-2014 | Demand Response Application            | Other DR Programs                      | A.11-03-XX (Pending)       | DR Activities and Budgets for 2012-2014, IDSM, IT Technology, Costs for Wholesale Market Integration |                   |              |              | \$25,539,000  | \$18,461,000                        | \$16,698,000                        | Advanced Metering and Demand Response Memorandum Account (AMDRMA), Market Redesign Tehcnology Upgrade Memorandum Account (MRTUMA) |                      |
|                           | Order Adopting Changes to DR Programs  | PLS                                    | A.11-03-XX (Pending)       | Peak Load Shifting   |                   |              |              | \$775,000     | \$1,188,000                         | \$1,106,000                         | Advanced Metering and Demand Response Memorandum Account (AMDRMA)   |                      |
|                           | Advanced Metering Infrastructure (AMI) | PTR                                    | A.11-03-XX (Pending)       | Peak Time Rebate (PTR) implementation  |                   |              |              | \$2,658,000   | \$831,000<br><del>\$1,038,000</del> | \$864,000<br><del>\$1,076,000</del> | Advanced Metering and Demand Response Memorandum Account (AMDRMA)   |                      |
|                           | RFO for Supply Resources               | Demand SMART™                          | A.11-03-XX (Pending)       | Aggregator Managed Contract Incentives   |                   |              |              | \$200,000 (2) | \$220,000 (2)                       | \$220,000 (2)                       | Advanced Metering and Demand Response Memorandum Account (AMDRMA), Energy Resource Recovery Act (ERRA)                            |                      |
| Other Proceedings         | RFP for Long Term Resource Planning'   | Summer Saver                           | D.04-06-011<br>R.01-10-024 | Smart AC Program and Budget Update   |                   |              |              |               |                                     |                                     | Advanced Metering and Demand Response Memorandum Account (AMDRMA), Energy Resource Recovery Act (ERRA)                            | 24.98                |
|                           | Advanced Metering Infrastructure (AMI) | Advanced Metering Infrastructure (AMI) | A.05-03-015<br>D.07-04-043 | Incremental cost recovery for AMI Customer Education and Outreach for PTR                            | \$7,141,000       | \$7,141,000  | \$7,141,000  |               |                                     |                                     | Advanced Metering and Demand Response Memorandum Account (AMDRMA)   | Not yet implemented. |
|                           | RFO for Supply Resources               | Demand SMART™                          | A.09-03-012<br>D.09-09-015 | 2009 - 2024 Aggregator Managed Program - Contract Administration and Capacity Incentives             |                   |              |              |               |                                     |                                     | Advanced Metering and Demand Response Memorandum Account (AMDRMA), Energy Resource Recovery Act (ERRA)                            | 7.89                 |
|                           | 2008 GRC                               | CPP-D, OBMC, SLRP                      | A.07-01-047<br>D.08-02-034 | DR Activities for CPP-D, OBMC, SLRP  | \$799,000         | \$799,000    | \$799,000    |               |                                     |                                     | N/A   | 60.53                |
|                           | 2012 GRC                               | CPP-D, OBMC, SLRP                      | A.10-12-005 (Pending)      | Market Analysis, New Construction and DR Activities (CPP-D,  |                   |              |              | \$799,000     | \$799,000                           | \$799,000                           | N/A   |                      |
|                           | Dynamic Pricing Proceeding (DPP)       | PeakShift @Home PeakShift @Work        | A.10-07-009 (Pending)      | Incremental cost recovery for DPP implementation   |                   |              |              | \$29,676,000  | \$24,893,000                        | \$15,717,000                        | 2012 GRC  |                      |

(1) \$4 M of approved 2006-2008 budget allocated to contracts resulting from RFP in D.06-11-009. D.09-08-027 authorized an additional \$309K for contract administration for 2009-2011.

(2) Incentive payments for energy only

(3) Originally approved by AMI proceeding

**Legend:**

|                    |
|--------------------|
| Green - Authorized |
| Yellow - Pending   |

Table A-3  
SAN DIEGO GAS AND ELECTRIC  
BREAKDOWN OF UTILITY DEMAND RESPONSE PROGRAM BUDGETS  
2012-2014 BY PROPOSED PROGRAM CATEGORY  
(Thousands of Dollars)

| SDG&E Demand Response Program        | Budget Requested for 2012-2014 (Thousands of Dollars) |                              |                        |                      |                              |                             |
|--------------------------------------|---|------------------------------|------------------------|----------------------|------------------------------|-----------------------------|
|                                      | Administration  | Administration Subcontractor | Marketing and Outreach | Incentives           | Total                        | Cost Effectiveness          |
| Base Interruptible Program           | 360   | 300                          | 165                    | 3,354                | 4,179                        | 1.15                        |
| Capacity Bidding Program             | 1,466   | 2,100                        | 150                    | 8,223                | 11,939                       | Day-Ahead .90<br>Day-Of .96 |
| DemandSMART™ Program                 |   |                              |                        | 640                  | 640                          | 0.84                        |
| Peak Time Rebate                     | <u>485,903</u>  |                              | 3,868                  |                      | <u>4,353,772</u>             | <u>3.93</u>                 |
| Technical Assistance                 | 422   | 650                          | 32                     | 2,217                | 3,321                        |                             |
| Technology Incentives                | 1,293   | 1,650                        | 95                     | 6,030                | 9,068                        |                             |
| Emerging Technology DR               | 536   | 1,575                        |                        |                      | 2,111                        |                             |
| Small Customer Technology Deployment | 397   |                              | 1,639                  | 11,093               | 13,128                       | 0.82                        |
| Locational Demand Response           | 373   |                              |                        | 60                   | 433                          |                             |
| New Construction DR Pilot            | 608   | 45                           | 48                     | 425                  | 1,126                        |                             |
| Customer Educational and Outreach    | 645   |                              | 1,782                  |                      | 2,427                        |                             |
| Flex Alert Network (FLEX)            |   |                              | 210                    |                      | 210                          |                             |
| Permanent Load Shifting              | 450   | 300                          | 84                     | 2,235                | 3,069                        |                             |
| <b>Total</b>                         | <b><u>7,035,453</u></b>                               | <b><u>6,620</u></b>          | <b><u>8,072</u></b>    | <b><u>34,277</u></b> | <b><u>56,004,564,423</u></b> |                             |