

Rulemaking 12-03-014 (LTPP Local Reliability Track I)

Exhibit No. ENR-X-SCE-01

Witness Mark Minick (SCE)

Commissioner Michel P. Florio

ALJ David R. Gamson

ENERNOC, INC.
CROSS-EXAMINATION EXHIBIT
SOUTHERN CALIFORNIA EDISON COMPANY (SCE)
Exhibit SCE-01; Witness: Mark Minick

**“A.08-06-001: SCE Report on Interruptible Load Programs
And Demand Response Programs (January 20, 2012)”**

Rulemaking 12-03-014
Long Term Procurement Plans (LTPP)
Track 1 (Local Reliability)

August 7, 2012

January 20, 2012

Edward Randolph Director
Energy Division
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: A.08-06-001-Report of Southern California Edison
Company (U 338-E) on Interruptible Load Programs and
Demand Response Programs

Dear Mr. Randolph:

Enclosed is Southern California Edison Company's ("SCE") Report on Interruptible Load Programs and Demand Response Programs pursuant to Ordering Paragraph No. 39 of Decision 09-08-027.¹ SCE's report presented in Appendix A, follows the reporting requirements and uses the approved template from Energy Division. It is posted on a publicly available website:

- Go to www.sce.com;
- Click on the "Regulatory Information" link at the bottom right of the page;
- Select "CPUC Open Proceedings";
- Enter "A.08-06-001" in the search box;
- Locate and select the "SCE December 2011 Report on ILP and DR Programs" links to access associated documents.

Very truly yours,

/s/ R. Olivia Samad

R. Olivia Samad

cc: Jessica Hecht, Administrative Law Judge
Bruce Kaneshiro
All Parties of Record in A.08-06-001 *via email*

RMS: LIMS- 314-73

Enclosure(s)

¹

Ordering Paragraph No. 39 requires PG&E and the other utilities to "...use a consistent monthly report format approved by Energy Division staff, and ...provide these monthly reports to the Director of the Commission's Energy Division, with service on and the most recent service list in this proceeding."

Appendix A

SCE WG2 Monthly Enhanced Report For December 2011

Table I-1A
Average Load Impact kW / Customer
2011

Program Eligibility and Average Load Impacts

Program	Average Ex Post Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2011	Eligibility Criteria	
	January	February	March	April	May	June	July	August	September	October	November	December			
BIP	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	656.9	11,439	All C & I customers > 200kW
SDP - Res.	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2,100,470	All residential customers with air conditioning
SDP - Comm.	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	465,339	All commercial customers with air conditioning
OBMC	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	1,517.0	N/A	All non-res. customers who can reduce circuit load by 15%
AP-I	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	7,572	All customers > 37kW on an Ag & Pumping rate
CPP-Default	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10,955	All non-residential customers > 200kW
DBP - Day Ahead	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	12,667	All non-residential customers > 200kW
CBP - Day Of	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	632,432	All non-residential customers
CBP - Day Ahead	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	632,432	All non-residential customers
DR Contracts - Day Of	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	632,432	All non-residential customers
DR Contracts - Day Ahead	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	632,432	All non-residential customers
RTP	0.0	0.0	0.0	0.0	0.0	0.0	135.7	134.9	196.6	0.0	0.0	0.0	0.0	3,059	All non-res. bundled service customers > 500kW
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	22,477	All non-res. bundled service customers >100kW

Notes:

Estimated Average Ex Post Load Impact kW / Customer = Average kW / Customer service account over actual event hours during the 1 - 6 pm window for the preceeding year if events occurred omitting 0 and negative load values if program was available, but not dispatched. 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 service account remains constant across all months with the exception of RTP. A zero (0) load impact value is reported for RTP for October through July as the load impacts for these months are negative.

*Ex Post OBMC Load Impacts are based on program year 2008. January through December Load Impacts are based on 2010 Load Impact results as reported in April 2011 except as noted.

Program	Average Ex Ante Load Impact kW / Customer												Eligible Accounts as of Jan 1, 2011	Eligibility Criteria	
	January	February	March	April	May	June	July	August	September	October	November	December			
BIP	786.2	827.0	779.0	870.2	919.1	868.9	852.3	852.0	861.1	910.4	835.6	716.6	716.6	11,439	All C & I customers > 200kW
SDP - Res.	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.5	1.6	0.0	0.0	0.0	0.0	2,100,470	All residential customers with air conditioning
SDP - Comm.	0.0	0.0	0.0	0.0	0.0	3.5	4.8	6.4	5.6	0.0	0.0	0.0	0.0	465,339	All commercial customers with air conditioning
OBMC	1,596.9	1,599.4	1,601.1	1,555.4	1,609.8	1,524.3	1,510.6	1,532.1	1,469.2	1,450.6	1,498.3	1,348.1	1,348.1	N/A	All non-res. customers who can reduce circuit load by 15%
AP-I	22.5	23.6	29.1	43.2	45.5	43.6	41.7	41.5	39.1	40.6	32.6	22.4	22.4	7,572	All customers > 37kW on an Ag & Pumping rate
CPP-Default	0.0	0.0	0.0	0.0	0.0	9.4	7.7	8.6	9.1	0.0	0.0	0.0	0.0	10,955	All non-residential customers > 200kW
DBP - Day Ahead	37.3	38.6	40.3	45.0	46.7	45.0	46.2	46.6	46.5	46.9	40.5	36.3	36.3	12,667	All non-residential customers > 200kW
CBP - Day Of	0.0	0.0	0.0	0.0	35.9	37.1	38.5	39.4	39.1	36.5	0.0	0.0	0.0	632,432	All non-residential customers
CBP - Day Ahead	0.0	0.0	0.0	0.0	10.0	10.4	10.8	11.1	10.7	10.3	0.0	0.0	0.0	632,432	All non-residential customers
DR Contracts - Day Of	33.0	33.0	33.0	65.9	63.3	63.2	65.2	66.8	66.7	64.1	33.0	33.0	33.0	632,432	All non-residential customers
DR Contracts - Day Ahead	35.1	35.1	35.1	64.6	60.8	62.1	64.7	65.5	62.9	62.2	35.1	35.1	35.1	632,432	All non-residential customers
RTP	0.0	0.0	0.0	0.0	0.0	0.0	50.8	134.0	197.1	103.8	46.0	0.0	0.0	3,059	All non-res. bundled service customers > 500kW
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	22,477	All non-res. bundled service customers >100kW

Notes:

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 on the system peak day of the month, as reported in the load impact reports filed in April 2011 for April through September/October. For programs that are not active outside of the summer season a zero load impact value is reported. For programs available outside of the summer season, estimated Average Ex Ante Load Impacts for November through March/April/May are used depending on available data and reflect atypical event that would occur from 4 - 9 pm under the same conditions. Data from Ex Ante load impact reports filed in 2009 is used for OBMC reporting.

The accounts eligible to participate in OBMC is not available because the number of customers who can reduce 15% of their entire circuit load during every rotating outage cannot be reasonably estimated.

Table I-1B
SCE TA/TI and Auto DR Program Subscription Statistics
2011

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

2011	January				February				March				April				May				June			
	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW
Price Responsive																								
Capacity Bidding Program		4.1	3.1	7.2		4.1	3.1	7.2		4.1	3.1	7.2		4.1	3.1	7.2		4.3	3.1	7.3		4.4	3.1	7.5
Critical Peak Pricing		3.6	0.2	3.8		4.0	0.2	4.1		4.0	0.2	4.1		3.9	0.2	4.1		4.3	0.2	4.5		4.8	0.2	4.9
Demand Bidding Program		25.7	0.5	26.2		27.0	0.5	27.4		27.2	0.5	27.7		27.2	0.8	28.1		27.7	0.8	28.6		27.3	0.6	28.0
Demand Response Contracts		3.7	2.1	5.8		2.7	2.1	4.8		5.5	2.0	7.5		5.5	2.0	7.5		5.5	2.1	7.6		6.2	2.1	8.3
Real Time Pricing		0.7	0.0	0.7		0.7	0.0	0.7		0.7	0.0	0.7		1.0	0.0	1.0		1.0	0.0	1.0		1.0	0.0	1.0
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
Total		37.8	5.8	43.6		38.4	5.8	44.2		41.4	5.7	47.1		41.7	6.0	47.7		42.8	6.2	49.0		43.7	5.9	49.6
Interruptible/Reliability																								
Base Interruptible Program		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Summer Discount Program		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Agricultural Pumping Interruptible		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
CBMC		0.0	0.0	0.0		0.0	0.0	0.0		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 MW		37.8	5.8	43.6		38.4	5.8	44.2		41.4	5.7	47.1		41.7	6.0	47.7		42.8	6.2	49.0		43.7	5.9	49.6
General Program																								
TA (may also be enrolled in TI and AutoDR)	60.1		0.3		62.7		1.0		69.8		1.0		70.7		1.0		76.3		0.7		78.5		1.2	
Total	60.1				62.7				69.8				70.7				76.3				78.5			
Total TA MW	60.1	N/A	N/A	N/A	62.7	N/A	N/A	N/A	69.8	N/A	N/A	N/A	70.7	N/A	N/A	N/A	76.3	N/A	N/A	N/A	78.5	N/A	N/A	N/A

2011	July				August				September				October				November				December			
	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW	TA Identified MW	Auto DR Verified MW	TI Verified MW	Total Technology MW
Price Responsive																								
Capacity Bidding Program		4.4	3.1	7.5		7.1	1.3	8.4		7.25	1.32	8.6		7.7	1.3	9.1		7.7	1.3	9.0		8.3	0.0	8.3
Critical Peak Pricing		4.7	0.2	4.9		5.0	0.2	5.7		7.48	0.16	7.6		7.1	0.2	7.3		7.1	0.2	7.3		7.6	0.2	7.7
Demand Bidding Program		29.4	0.6	30.0		33.1	0.6	33.7		33.12	0.60	33.7		33.5	0.6	34.1		34.6	0.6	35.2		39.3	0.6	39.9
Demand Response Contracts		11.9	2.1	14.0		12.4	2.1	14.4		14.75	3.39	18.1		14.3	3.4	17.8		13.7	3.4	17.2		14.2	3.4	17.7
Real Time Pricing		1.0	0.0	1.0		1.0	0.0	1.0		0.96	0.00	1.0		1.0	0.0	1.0		1.0	0.0	1.0		1.0	0.0	1.0
SLRP		0.0	0.0	0.0		0.0	0.0	0.0		0.00	0.00	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Total		51.5	5.9	57.4		59.0	4.2	63.2		63.6	5.5	69.0		63.6	5.5	69.1		64.1	5.5	69.6		70.3	4.2	74.6
Interruptible/Reliability																								
Base Interruptible Program		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Summer Discount Program		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
Agricultural Pumping Interruptible		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0
CBMC		0.0	0.0	0.0		0.0	0.0	0.0		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 MW		51.5	5.9	57.4		59.0	4.2	63.2		63.6	5.5	69.0		63.6	5.5	69.1		64.1	5.5	69.6		70.3	4.2	74.6
General Program																								
TA (may also be enrolled in TI and AutoDR)	90.0		1.2		91.5		0.8		95.6		0.2		101.5		0.8		125.6		1.3		145.1		2.7	
Total	90.0				91.5				95.6				101.5				125.6				145.1			
Total TA MW	90.0	N/A	N/A	N/A	91.5	N/A	N/A	N/A	95.6	N/A	N/A	N/A	101.5	N/A	N/A	N/A	125.6	N/A	N/A	N/A	145.1	N/A	N/A	N/A

Notes:

2009-2011 Portfolio to date results.

Customer counts reported on this page are not excluded from counts in the Program MW tab. MWs reported on this page are not directly related to MW reported in the Program MW tab.

TA Identified MW
AutoDR Verified MW
TI Verified MW

Represents identified MW for service accounts from completed TA.
Represents verified/tested MW for service accounts that participated in Auto DR.
Represents verified MW for service accounts that participated in TI (i.e. must be enrolled in DR) and not in Auto DR; MW reported here not necessarily amount enrolled in DR.
* A reduction in standard TI MWs can occur when a customer upgrades to Auto-DR (subsequently, the ADR MWs increase).
* Also, if a customer leaves a DR program it will reduce the MW's for that particular DR program.

Total Technology MW
General Program category

Represents the sum of verified MW associated with the service accounts in the TI and Auto DR programs.
Represents MW of participants in the TA stage and may include participants who have completed TI and Auto DR.

Table I-2A
SCE Demand Response Programs and Activities Fund Shifting
2011

FUND SHIFTING DOCUMENTATION PER DECISION 09-08-027 ORDERING PARAGRAPH 35

OP 35: The utilities may shift up to 50% of a program's funds to another program within the same budget category.
The utilities shall document the amount of and reason for each shift in their monthly demand response reports.

Program Category	Fund Shift	Programs Impacted	Date	Rationale for Fundshift
Category 2	\$ 1,050,000	Energy Options to Capacity Bidding Program (CBP)	4/30/2010	In Decision (D.) 09-08-027, the Commission authorized SCE \$5,703,864 to administer its Energy Options Program. SCE is waiting approval of its Petition for Modification of D.09-08-027 to eliminate the Energy Options Program and to continue the Capacity Bidding Program (CBP) through 2011. Since CBP was expected to be phased out in 2010 with the implementation of Energy Options, SCE was authorized only minimal funding for 2010. This fund shift from Energy Options to CBP will allow SCE to continue CBP operations and the program offering to its customers through 2010.
Category 2	\$ 1,801,932	Energy Options to Demand Bidding Program (DBP)	4/30/2010	In Decision (D.) 09-08-027, the Commission authorized SCE \$5,703,864 to administer its Energy Options Program. SCE is waiting approval of its Petition for Modification of D.09-08-027 to eliminate the Energy Options Program and to continue the Demand Bidding Program (DBP) through 2011. Since DBP was expected to be phased out in 2010 with the implementation of Energy Options, SCE was authorized only minimal funding for 2010. This fund shift from Energy Options to DBP will allow SCE to continue DBP operations and the program offering to its customers through 2010.
Category 2	\$ 360,000	Critical Peak Pricing (CPP) to Real Time Pricing (RTP)	9/30/2010	Decision (D.) 09-08-028, Ordering Paragraph 12, directs SCE to offer optional real time pricing rates for all customer classes, effective on or before January 1, 2012. To comply with this decision, SCE's Real Time Pricing Program has incurred additional marketing and systems costs which were not originally requested in its DR Application (A.08-06-001). This fund shift from CPP to RTP will allow SCE to comply with Ordering Paragraph 12 in D.09-08-028.
Category 2	\$ 976,028	Energy Options to Capacity Bidding Program (CBP)	12/31/2010	In Decision (D.) 10-12-047, the Commission approved SCE's Petition for Modification of D.09-08-027 to eliminate the Energy Options Program and to continue the Capacity Bidding Program (CBP) through 2011. Since CBP was expected to be phased out in 2010 with the implementation of Energy Options, SCE was authorized only minimal funding for 2010. This fund shift from Energy Options to CBP will allow SCE to continue CBP operations and the program offering to its customers through 2011.
Category 2	\$ 1,756,271	Energy Options to Demand Bidding Program (DBP)	12/31/2010	Ordering Paragraph 3 in Decision (D.)10-12-047, approved SCE's Petition for Modification of D.09-08-027 to eliminate the Energy Options Program and to continue the Demand Bidding Program (DBP) through 2011. Since DBP was expected to be phased out in 2010 with the implementation of Energy Options, SCE was authorized only minimal funding for 2010. This fund shift from Energy Options to DBP will allow SCE to continue DBP operations and the program offering to its customers through 2011.
Category 8	\$ 2,525,000	DR Resource Portal to DR System Infrastructure	12/31/2010	Ordering Paragraph 4 in Decision (D.)10-12-047, approved SCE's Petition for Modification of D.09-08-027 to fund shift and allocate funding for system development activities in support of Proxy Demand Resource. OP 4 approved fund shifting of \$2,525,000 from the DR Resource Portal budget and \$1,000,000 of Custom Aggregation Group (CAG) funding to support these activities.
Category 10	\$ 125,000	IDEEA Program to IDSM Statewide Program	2/28/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$88,785 to administer its Statewide IDSM Program. The Statewide IDSM effort has required significant coordination, integration and management of SCE's demand response programs into Statewide IDSM efforts and activities. This fund shift from the IDEEA Program to the Statewide IDSM Program will allow SCE to continue to integrate and coordinate with California's Statewide IDSM activities.
Category 10	\$ 125,000	IDEEA Program to WE&T Smart Students	4/30/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$149,485 to administer its WE&T Smart Students pilot program. This fund shift provides funding to add demand response products to the Living Wise kit.

Table I-2A
SCE Demand Response Programs and Activities Fund Shifting
2011

Category 10	\$ 100,000	Residential New Construction to WE&T Smart Students	4/30/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$149,485 to administer its WE&T Smart Students pilot program. This fund shift provides funding to add demand response products to the Living Wise kit.
Category 10	\$ 60,000	IDSM Food Processing Pilot to WE&T Smart Students	4/30/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$149,485 to administer its WE&T Smart Students pilot program. This fund shift provides funding to add demand response products to the Living Wise kit.
Category 10	\$ 100,000	Non-Residential New Construction Pilot Program to IDSM Statewide Program	7/31/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$88,785 to administer its Statewide IDSM Program. SCE's Statewide IDSM Program, under the direction of the Statewide IDSM Task Force, has required additional resources to ensure compliance with the Statewide IDSM Program goals as well as IDSM Task Force deliverables. This fund shift from the Non-Residential New Construction Pilot Program will ensure that IDSM policy objectives will continue to achieve their goals for a successful transition into 2012.
Category 1	\$ 23,017	BIP to AP-I	12/31/2011	In Decision (D.) 09-08-027, the Commission authorized SCE \$1,400,000 to administer its Agricultural & Pumping Interruptible (AP-I) program during 2009 - 2011. During this period, installation and maintenance costs were higher than expected. This fund shift provides the additional funding needed to cover these costs.
Category 10	\$ 23,778	IDSM Food Processing Pilot to WE&T Smart Students	12/31/2011	In Decision (D.) 09-09-047, the Commission authorized SCE \$149,485 to administer its WE&T Smart Students pilot program. During this period, the cost of adding demand response products to the students Living Wise kit were higher than expected. This fund shift provides the additional funding needed to cover these costs.
Total	\$ 9,026,026			
Notes:				

Table I-2B
SCE Demand Response Programs and Activities
Incremental Cost
Carryover Funding (1)
2011

Cost Item	Total Expenditures 2009 & 2010	2011												Total Expenditures 2011	Carryover Expenditures to Date 2009 - 2011	2008 Carryover Committed Funding	
		January	February	March	April	May	June	July	August	September	October	November	December				
Category 1: Specified Programs																	
CPP-VCD & CPP-GCCD	(\$233,964)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$691)	\$0	(\$691)	(\$234,655)	\$0
SLRP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SLRP Incentives	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capacity Bidding Program	(\$116,838)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,616)	\$0	(\$2,616)	(\$119,454)	\$0
DBP	\$109,777	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$362,538)	\$0	(\$362,538)	(\$252,761)	\$54,172
DBP (metering for <200 kW)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SDP - Summer Discount Plan	\$1,263,941	\$2,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,032)	\$0	(\$2,560)	\$1,261,381	\$1,411,821
BIP	\$23,979	\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$1	\$32	(\$813)	(\$22,078)	(\$43)	\$0	(\$22,899)	\$1,080	\$197,500
AP-1	\$10,829	\$6	\$40	\$0	(\$1,342)	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,304)	\$640	(\$10,960)	(\$131)	\$0	\$0
Technical Assistance & Technology Incentives - Admin	\$305,022	\$0	\$211,622	\$746,673	\$264,012	(\$746,648)	(\$475,659)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)	\$305,022	\$555,122
Technical Assistance & Technology Incentives - Incentives	\$5,731,310	\$337,975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,975	\$6,069,285	\$8,487,565	\$0
Integrated EE/DR Marketing	(\$7,196)	\$0	\$0	\$0	\$0	\$11	\$49	\$0	\$0	\$0	(\$1,616)	(\$480)	\$0	(\$2,036)	(\$9,232)	\$0	\$0
Community EE/DR Partnership	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0
Circuit Savers	\$135	\$0	\$0	\$0	\$0	\$0	\$36,347	\$0	\$0	\$0	\$0	(\$135)	\$0	\$36,212	\$36,347	\$20,950	\$0
Ag & Water Outreach	\$13,632	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$9,668)	\$0	(\$9,668)	\$3,964	\$0	\$0
Federal Power Reserves Partnership	\$989	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$14)	\$0	(\$14)	\$975	\$0	\$0
Permanent Load Shifting	\$3,856,351	\$19,644	\$24,468	\$14,223	\$132,010	\$16,358	\$233,993	\$10,463	\$31,634	\$14,745	\$9,938	\$538,983	\$30,461	\$1,076,920	\$4,933,270	\$7,418,266	\$0
DR Contract #1	\$317,602	\$0	(\$12,280)	\$12,280	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$16,665)	(\$987)	(\$212,354)	(\$230,006)	\$87,596	\$67,242
DR Contracts #2 - #6	(\$393,672)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$393,672)	\$0
Auto DR	\$42,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$380)	\$0	(\$380)	\$42,200	\$0	\$0
Small Business Communicating Thermostat Pilot	(\$54,632)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$54,632)	\$0	\$0
Participating Load Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,590
Accounting Correction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$10,485)	\$686	(\$9,799)	(\$9,799)	\$0	\$0
Budget Category 1 Total	\$10,869,980	\$360,097	\$223,850	\$773,176	\$394,680	(\$730,279)	(\$205,271)	\$10,465	\$31,635	\$14,777	(\$9,156)	\$113,575	(\$180,610)	\$796,939	\$11,666,919	\$18,215,228	\$0
Category 2: Statewide Informational, Educational and Development Programs																	
Flex Alert	\$601,616	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$57)	\$0	(\$57)	\$601,559	\$75,198	\$0
PEAK	\$172,995	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$480)	\$0	(\$480)	\$172,515	\$160,904	\$0
Emerging Markets & Technologies	\$28,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,930	\$0	\$0
Budget Category 2 Total	\$803,541	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$537)	\$0	(\$537)	\$803,004	\$226,102	\$0
Other Activities and Programs																	
Specific Program M&E	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$432,350)	\$0
M&E Supporting Activities	(\$13,044)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$13,044)	\$0	\$0
Demand Response Systems Integration	\$4,810	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,810	\$4,799	\$0
DR Forecasting Tool	\$8,330	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,330	\$9,550	\$0
Budget Category 3 Total	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	(\$418,001)	\$0
Category 4: Programs Previously Funded in GRC																	
BIP	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$664	\$0
Budget Category 4 Total	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$664	\$0
Total Incremental Cost	\$11,673,619	\$360,097	\$223,850	\$773,176	\$394,680	(\$730,279)	(\$205,271)	\$10,465	\$31,635	\$14,777	(\$9,156)	\$113,038	(\$180,610)	\$796,402	\$12,470,021	\$18,023,993	\$0

(1) Costs reported here are recorded in SCE's Demand Response Program Balancing Account (DRPBA)
(2) 2009 - 2011 Funding authorized in D09-08-027.

**Table I-3
SCE Interruptible and Price Responsive Programs
2011 Event Summary**

Year-to-Date Event Summary

Program Category	Event No.	Date	Event Trigger(1)	Load Reduction kW (2) (3)	Event Beginning:End	Program Tolerated Hours (Annual) (4)
Category 1: Emergency Programs						
API	1	09/21/11	Test Event	35,479	13:48 : 15:01	
BIP	2	09/21/11	Test Event	581,589	14:00 : 16:00	
Category 2: Price Responsive Programs						
Critical Peak Pricing	1	06/21/11	Peak Load Forecast	32,500	14:00 : 18:00	4
Capacity Bidding Program - Day Ahead	2	06/22/11	Heat Rate	620	16:00 : 17:00	1
Capacity Bidding Program - Day Ahead	3	07/05/11	Heat Rate	0	14:00 : 18:00	5
Critical Peak Pricing	4	07/05/11	Peak Load Forecast	49,310	14:00 : 18:00	8
Demand Bidding Program	5	07/05/11	Heat Rate	116,264	12:00 : 20:00	8
Capacity Bidding Program - Day Ahead	6	07/06/11	Heat Rate	0	14:00 : 18:00	9
Capacity Bidding Program - Day Ahead	7	07/07/11	Heat Rate	0	15:00 : 16:00	10
Critical Peak Pricing	8	07/19/11	Peak Load Forecast	40,240	14:00 : 18:00	12
Capacity Bidding Program - Day Of	9	07/28/11	Heat Rate	9,690	13:00 : 16:00	3
Capacity Bidding Program - Day Ahead	10	08/01/11	Heat Rate	2,110	14:00 : 17:00	13
Critical Peak Pricing	11	08/01/11	Peak Load Forecast	33,700	14:00 : 18:00	16
Capacity Bidding Program - Day Ahead	12	08/02/11	Heat Rate	1,670	14:00 : 17:00	16
Capacity Bidding Program - Day Ahead	13	08/03/11	Heat Rate	1,200	15:00 : 17:00	18
Critical Peak Pricing	14	08/03/11	Peak Load Forecast	42,030	14:00 : 18:00	20
Capacity Bidding Program - Day Ahead	15	08/04/11	Heat Rate	460	15:00 : 16:00	19
Critical Peak Pricing	16	08/12/11	Peak Load Forecast	41,560	14:00 : 18:00	24
Capacity Bidding Program - Day Ahead	17	08/16/11	Heat Rate	2,500	15:00 : 17:00	21
Critical Peak Pricing	18	08/16/11	Peak Load Forecast	45,170	14:00 : 18:00	28
Capacity Bidding Program - Day Ahead	19	08/17/11	Heat Rate	2,510	15:00 : 17:00	23
Capacity Bidding Program - Day Ahead	20	08/18/11	Heat Rate	2,240	14:00 : 17:00	26
Critical Peak Pricing	21	08/18/11	Peak Load Forecast	46,530	14:00 : 18:00	32
Capacity Bidding Program - Day Ahead	22	08/19/11	Heat Rate	740	15:00 : 17:00	28
Capacity Bidding Program - Day Ahead	23	08/22/11	Heat Rate	2,850	15:00 : 17:00	30
Capacity Bidding Program - Day Ahead	24	08/23/11	Heat Rate	2,530	15:00 : 17:00	32
Critical Peak Pricing	25	08/23/11	Peak Load Forecast	52,350	14:00 : 18:00	36
Capacity Bidding Program - Day Ahead	26	08/24/11	Heat Rate	2,600	15:00 : 17:00	34
Capacity Bidding Program - Day Of	27	08/25/11	Heat Rate	15,530	14:00 : 16:00	5
Critical Peak Pricing	28	08/26/11	Peak Load Forecast	63,730	14:00 : 18:00	40
Demand Bidding Program	29	08/26/11	Heat Rate	61,135	12:00 : 20:00	16
Critical Peak Pricing	30	09/06/11	Peak Load Forecast	43,400	14:00 : 18:00	44
Demand Bidding Program	31	09/07/11	Heat Rate	78,787	12:00 : 20:00	24
Capacity Bidding Program - Day Ahead	32	09/07/11	Heat Rate	18,609	13:00 : 17:00	38
Capacity Bidding Program - Day Of	33	09/07/11	Heat Rate	89,251	14:00 : 18:00	9
Capacity Bidding Program - Day Ahead	34	09/08/11	Heat Rate	19,233	14:00 : 18:00	42
Demand Bidding Program	35	09/08/11	Heat Rate	97,862	12:00 : 20:00	32
Critical Peak Pricing	36	09/23/11	Peak Load Forecast	43,180	14:00 : 18:00	48
Demand Bidding Program	37	10/13/11	Heat Rate	74,074	12:00 : 20:00	40
Capacity Bidding Program - Day Ahead	38	10/13/11	Heat Rate	35,621	14:00 : 17:00	45
Capacity Bidding Program - Day Ahead	39	10/14/11	Heat Rate	37,123	14:00 : 17:00	48

**Table I-3
SCE Interruptible and Price Responsive Programs
2011 Event Summary**

Program Category	Event No.	Date	Event Trigger(1)	Load Reduction kW (2) (3)	Event Beginning:End	Program Tolled Hours (Annual) (4)
Category 3: DR Aggregator Managed Programs						
DR Contracts - Day-Of	1	04/21/11	Measurement and Evaluation	34,830	14:00 : 16:00	2
DR Contracts - Day-Of	2	06/23/11	Measurement and Evaluation	88,731	14:00 : 16:00	4
DR Contracts - Day-Of	3	07/28/11	Test Event and Measurement and Evaluation	98,841	14:00 : 16:00	6
DR Contracts - Day-Ahead	4	07/28/11	Test Event and Measurement and Evaluation	17,568	14:00 : 16:00	8
DR Contracts - Day-Of	5	08/25/11	Measurement and Evaluation	118,760	14:00 : 16:00	10
DR Contracts - Day-Ahead	6	08/25/11	Measurement and Evaluation	19,085	14:00 : 16:00	12
DR Contracts - Day-Of	7	10/12/11	Measurement and Evaluation	Results are pending	15:00 : 17:00	14
Category 5: Pilots & SmartConnect Enabled Programs						
Summer Discount Plan - Base and Enhanced	1	07/26/11	SDP PDR Test Event	57,520	14:00 : 14:30	
Summer Discount Plan - Base and Enhanced	2	08/03/11	SDP PDR Test Event	32,920	14:00 : 14:30	
Summer Discount Plan - Base and Enhanced	3	08/08/11	SDP PDR Test Event	33,050	13:00 : 13:30	
Summer Discount Plan - Base and Enhanced	4	08/18/11	SDP PDR Test Event	35,240	14:00 : 14:30	
Summer Discount Plan - Base and Enhanced	5	08/26/11	SDP PDR Test Event	35,900	15:00 : 15:30	
Summer Discount Plan - Base and Enhanced	6	08/30/11	SDP PDR Test Event	29,850	15:00 : 15:30	
Summer Discount Plan - Base and Enhanced	7	09/06/11	SDP PDR Test Event	33,820	15:30 : 16:00	
Summer Discount Plan - Base and Enhanced	8	09/08/11	SDP PDR Test Event	59,440	15:00 : 15:53	
Summer Discount Plan - Base and Enhanced	9	09/20/11	SDP PDR Test Event	30,710	15:00 : 15:30	
Summer Discount Plan - Base and Enhanced	10	09/29/11	SDP PDR Test Event	34,820	15:00 : 16:00	

Notes:

(1) Emergency programs' load reductions are normally requested by the ISO. The ISO does not call for load reductions by program . OBMC is activated by SCE concurrent with the ISO's request for firm load curtailment (rotating outages) to the minimum % level required to meet the ISO's firm load curtailment request. Other programs are triggered according to the terms of the tariff associated with the program.

(2) Initial event data subject to change based on billing records and verification.

(3) Customer's load reduction is measured as follows:

BIP: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

DBP: The maximum hourly load reduction measured over the duration of the DBP event is compared to a 10 in 10 day baseline with optional day-of adjustment.

SDP: Estimated based on ac tonnage, cycling strategy and load diversity at time of event.

OBMC: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

AP-I: The maximum hourly load reduction compared to 10 day rolling average, measured over the duration of the entire event day. 10 in 10 baseline is used and calculated for each 15 minute interval.

CPP: The maximum hourly load reduction measured over the duration of the CPP event is compared to 10 in 10 Adjusted baseline.

CBP: Reported to SCE in aggregate by portfolio and by product by APX. These load reductions reflect the highest hourly reduction per event. 10 in 10 baseline and 10 in 10 with adjustment is used to determine event load reduction.

DR Contracts: Based on event reduction results using baseline established for each contract.

(4) Individual customer tolled hours or event limits may vary due to different customer contact times and/or load blocking.

(5) Event times are based on GCC start and end times or SCE determined start and end times.

Table I-4
SCE Demand Response Programs
Total Embedded Cost and Revenues ⁽¹⁾
2011

Annual Total Cost													
Cost Item	January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date Total Cost
Program Incentives ⁽²⁾													
BIP	\$613,053	\$923,240	\$759,444	\$1,456,053	\$746,840	\$4,803,113	\$15,089,189	\$18,267,853	\$16,442,489	\$9,745,443	\$1,026,445	\$1,217,549	\$71,090,711
SDP-Base	\$2,768	\$5,587	\$7,412	\$4,487	\$3,400	\$850,745	\$1,581,927	\$1,744,417	\$1,638,554	\$751,936	\$11,870	\$4,117	\$6,607,220
SDP-Enhanced	\$38,773	\$40,208	\$46,145	\$34,371	\$60,309	\$6,287,577	\$12,707,674	\$14,175,580	\$13,764,342	\$6,234,386	\$144,698	\$32,034	\$53,566,097
AP-I	\$28,513	\$26,914	\$39,522	\$42,851	\$51,521	\$427,699	\$902,401	\$1,085,147	\$947,547	\$435,844	\$55,325	\$41,002	\$4,084,286
DBP	\$1,628	\$0	\$57	\$1,058	\$57	\$0	\$76,781	\$409,933	\$395,888	\$550,374	\$331,998	\$34,521	\$1,802,295
Capacity Bidding Program	\$0	\$0	\$0	\$0	\$0	\$86,576	\$123,715	\$249,865	\$245,710	\$130,889	\$40,012	\$0	\$876,767
DR Contracts	(\$2,721,793)	\$691,906	\$2,199,701	(\$21,679)	\$739,290	\$1,414,802	\$1,737,691	\$1,243,882	\$2,063,707	\$967,130	\$6,905,206	\$788,930	\$16,008,773
Total Cost of Incentives	(\$2,037,056)	\$1,687,855	\$3,052,281	\$1,517,141	\$1,601,417	\$13,870,512	\$32,219,378	\$37,176,677	\$35,498,237	\$18,816,002	\$8,515,554	\$2,118,153	\$154,036,149
Revenues from Penalties ⁽³⁾	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(1) Amounts reported are for incentives costs that are not recovered in the Demand Response Program Balancing Account.
(2) Incentive data is preliminary and subject to change based on billing records.
(3) Penalties assessed BIP participants for failure to reduce load when requested during curtailment events.
(4) Includes Capacity Payments for CBP and DR Contracts as reported in the BRRBA.