Rulemaking <u>1</u> 2	<u>2-03-014 (LTPP Local Reliability T</u>	<u>rack I</u>
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

R12-03-014 (LTPP Local Reliability Track 1) EnerNOC Cross Examination Exhibit (ENR-X-SCE-01)



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. 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

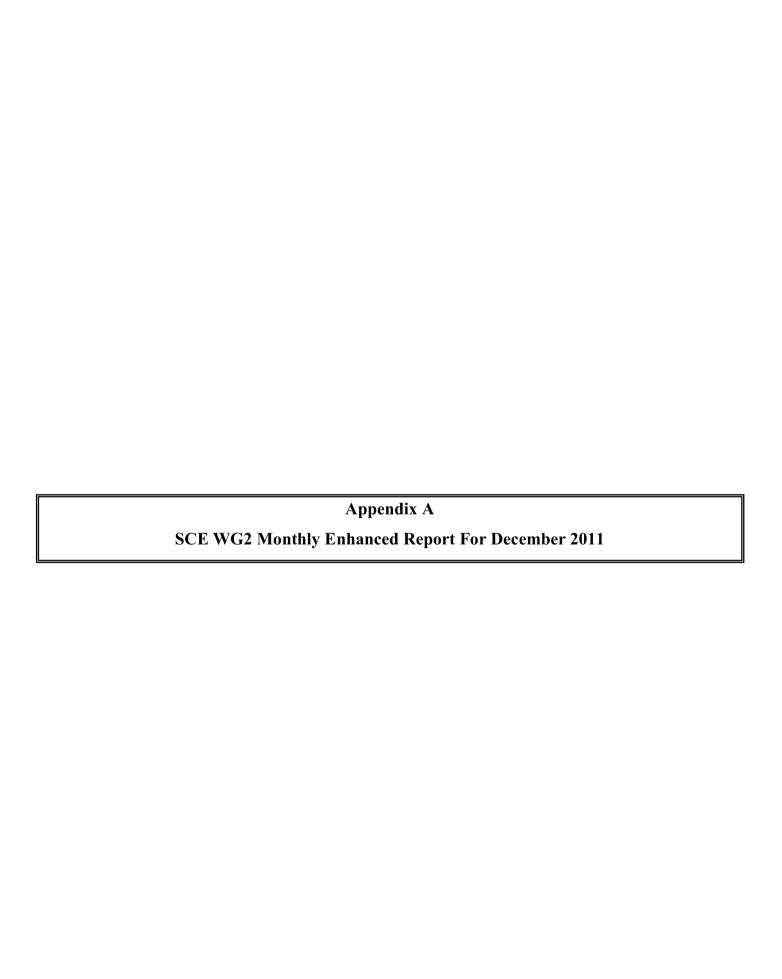
All Parties of Record in A.08-06-001 via email

RMS: LIMS- 314-73 Enclosure(s)

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Fax (626) 302-7740

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."



# Table I-1 SCE Interruptible and Price Responsive Programs Subscription Statistics - Estimated Ex Ante and Ex Post MWs 2011

#### Southern California Edison

Monthly Program Enrollment and Estimated Load Impacts

					F-1			N 9 1-			A21		T			Γ			1
P		January Ex Ante	Ex Post	-	February Ex Ante			March Ex Ante			April Ex Ante	Ex Post		May Ex Ante	Ex Post		June Ex Ante		
	Service	Estimated	Estimated	Service	Estimated	Ex Post	Service	Estimated	Ex Post	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Ex Post	Eligible Accounts as of
Programs	Accounts	MW	NW	Accounts	MW	Estimated MW	Accounts	MW	Estimated MW	Accounts	MW	NW	Accounts	MW	MW	Accounts	MW	Estimated MW	
Interruptible/Reliability	Accounts	1415.0	1714.5	Accounts	IVIES	Latillated May	Accounts	1414.4	Latinated with	Accounts	1414.4	1416 8	Accounts	1414.0	1444	Accounts	17177	Latiliated 1989	Jan 1, 2011
BIP - 30 Minute Option	562	441.8	369.2	561	463.9	368,5	562	437.8	369.2	564	490.8	370.5	572	525.7	375.7	580	504.0	381.0	11.439
BIP - 15 Minute Option	68		44.7	69	57.1	45.3	68		44.7	68	59.2	44.7	68	62.5	44.7	68			11,439
SDP-Base: Residential	63,492	0.0	137.1	63,157	0.0	136.4	62,563	0.0	135.1	62.259	0.0	134.5	61.879	0.0	133.7	61.157	86.8		2,100,470
SDP-Base: Commercial	2.421	0.0	12.8	2.406	0.0	12.7	2,389	0.0	12.6	2,384		12.6	2,373	0.0	12.5		8.2		
SDP-Enhanced : Residential	260,120	0.0	561.9	259,099		559.7	257,331	0.0	555.8	256,440		553.9	255,812	0.0	552.6	255,341			2,100,470
SDP-Enhanced : Commercial	8.529	0.0	45.0	8,508	0.0	44.9	8,464	0.0	44.7	8.427	0.0	44.5	8,385	0.0	44.3	8,392	29.4	44.3	465,339
ОВМС	12	19.2	18.2	12	19.2	18.2	12		18.2	12	18.7	18.2	12	19.3	18.2	12			N/A
AP-I	803	18.1	24.0	805	19.0	24.1	847	24.6	25.3	874	37.8	26.1	882	40.1	26.4	913	39.8		7,572
Sub-Total Interruptible	336,007	532.5	1,212.9	334,617	559.2	1209.8	332,236	534.6	1205.6	331,028	606.4	1,204.9	329,983	647.7	1,208.0	328,810	1,107.7	1,211.5	
Price Response																			
CPP	4,095	0.0	30,7	3,933	0.0	29.5	3,819	0.0	28.6	3,577	0.0	26.8	3,278	0.0	24.6	2.912	27.3	21.8	10,955
DBP (DA)	1,371	51.1	61.4	1,359	52.4	60.9	1,361	54.8	61.0	1,380	62.1	61.8	1,365	63.8	61.2	1,364	61.4	61.1	12,667
CBP - (DA)	106	0.0	0.5	106	0.0	0.5	106	0.0	0.5	106	0.0	0.5	76	8.0	0.4	77	0.8	0.4	632,432
CBP - (DO)	484	0.0	16.9	481	0.0	16.8	484	0.0	16.9	482	0.0	16.8	437	15.7	15.3	437	16.2	15.3	632,432
DR Contracts - (DO)	1,291	42.6	121.2	1,335	44.0	125.3	1,338	44.1	125.6	1,360	89.6	127.6	1,694	107.3	159.0	1,819	115.0	170.7	632,432
DR Contracts - (DA)	358	12.6	21.6	378	13.3	22.8	392	13.8	23.6	496	32.0	29.9	298	18.1	18.0	306	19.0	18.4	
RTP	101	0.0	0.0	100	0.0	0.0	100	0.0	0.0	97	0.0	0.0	105	0.0	0.0	110	0.0	0.0	3,059
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		22,477
Sub-Total Price Response	7,806	106.3	252.3	7,692	109.7	255.8	7,600	112.7	256.3	7,498	183.8	263.6	7,253	205.6	278.3	7,025	239.7	287.8	
Total All Programs	343,813	638.8	1,465.2	342,309	668.9	1465.6	339,836	647.4	1,461.9	338,526	790.2	1,468.5	337,236	853.3	1,486.3	335,835	1,347.5	1,499.3	]

																			_
***************************************		July			August			September			October		000000000000000000000000000000000000000	November			December	*	
		Ex Ante	Ex Post		Ex Ante			Ex Ante		1	Ex Ante	Ex Post		Ex Ante	Ex Post		Ex Ante		
	Service	Estimated	Estimated	Service	Estimated	Ex Post	Service	Estimated	Ex Post	Service	Estimated	Estimated	Service	Estimated	Estimated	Service	Estimated	Ex Post	Eligible Accounts as of
Programs	Accounts	NW.	MW	Accounts	WW	Estimated MW	Accounts	MM	Estimated MW	Accounts	IVM	IVM	Accounts	MW	MW	Accounts	MW	Estimated MW	Jan 1, 2011
Interruptible/Reliability																			
BIP - 30 Minute Option	586	499.4	384.9	592	504.4	388.9	595	512.4	390.9	594	540.8	390.2	592		388.9	582	417.1	382.3	11,439
BIP - 15 Minute Option	68	58.0	44.7	68	57.9	44.7	68	58.6	44.7	68	61.9	44.7	68	56.8	44.7	66		43.4	11,439
SDP-Base: Residential	60,811	101.1	131.4	60,509	91.5	130.7	60,251	94.0	130.1	60,045		129.7	THITIM 59,805	0.0	129.2	59,508			2,100,470
SDP-Base: Commercial	2,334	11.3	12.3	2,331	15.0	12.3	2,323	13.0	12.3	2,315		12.2	TITITITITI 2,309	0.0	12.2	2,299			465,339
SDP-Enhanced : Residential	255,261	424.4	551.4	255,911	386.9	552.8	256,684	400.3	554.4	256,593		554.2	TIIII 255,827	0.0	552.6	254,487			2,100,470
SDP-Enhanced : Commercial	8,397	40.6	44.3	8,416	54.2	44.4	8,405	47.1	44.4	8,385		44.3	TITTITITITI 8,361	0.0	44.1	8,337			465,339
ОВМС	12	18.1	18.2	12	18.4	18.2	12		18.2	12	17.4	18.2	12	18.0	18.2	12	16.2	18.2	N/A
AP-I	928	38.7	27.7	938	38.9	28.0	973	38.0	29.1	1,014	41.2	30.3	1,027	33.5	30.7	1,034	23.2	30.9	7,572
Sub-Total Interruptible	328,397	1,191.6	1,214.9	328,777	1,167.2	1,220.0	329,311	1,180.9	1,224.0	329,026	661.3	1,223.8	328,001	603.0	1,220.5	326, 325	503.7	1,209.2	
Price Response																			
CPP	2,826	21.7	21.2	3,017	25.8	22.6	3,043	27.8	22.8	3,049	0.0	22.9	3,148	0.0	23.6	3,255	0.0	24.4	10,955
DBP (DA)	1,332	61.6	59.7	1,368	63.8	61.3	1,360	63.3	60.9	1,348		60.4	1,358	55.1	8.09	1,365			12,667
CBP - (DA)	3	0.0	0.0	111	1.2	0.6	101	1.1	0.5	29		0.1	64	0.0	0.3	50			632,432
CBP - (DO)	435		15.2	400	15.8	14.0	400	15.6	14.0	401	14.6	14.0	408	0.0	14.2	323	0.0	11.3	632,432
DR Contracts - (DO)	1,910		179.3	2,034	135.9	190.9	2,107	140.5	197.8	2,134	136.8	200.3	1,746		163.9	1,959		183.9	632,432
DR Contracts - (DA)	375		22.6	404	26.5	24.4	426	26.8	25.7	434	27.0	26.2	795	27.9	47.9	746		45.0	632,432
RTP	120	6.1	16.3	131	17.6	17.7	131	25.8	25.8	132	13.7	0.0	132	6.1	0.0	131	0.0		3,059
SLRP	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		22,477
Sub-Total Price Response	7,001	255.0	314.2	7,465	286.5	331.4	7,568	300.9	347.4	7,527	255.7	323.9	7,651	146.6	310.8	7,829	140.3	325.9	1
Total All Programs	335,398	1,446.5	1,529.1	336,242	1,453.7	1,551.4	336,879	1,481.8	1,571.4	336,553	916.9	1,547.7	335,652	749.6	1,531.4	334,154	644.0	1,535.1	]

#### Notes

1. Ex Ante Estimated MW = The monthly ex ante average load impact per customer reported in the annual April 1st 2011 D. 08-0060 Compliance Filing 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 16 pm on the system peak day of the month with the exception of CPP where the average hourly load impacts from 2 - 6 pm are used. Monthly ex ante estimates are indicated only for programs which can be called for events thateporting month. For programs that are not available that month or do not have a positive load impact, a value of zero is reported.

- 2. Ex Post Estimated MW = The annual ex post average load impact per customer reported in the annual April 1st 2011 D.08-04-86Compliance Filing 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 nighave participated in an event(s) between 1 5pm on event days in the preceeding year when or if events occurred. New programs report "ina", as there were no prior events. Ex Post OBMC Load parts are based on program yea@08.
- 3. Load impacts are not available for the SLRP, therefore MW are estimated based on the hour of peak scheduled load reduction.
- 4. Readers should exercise caution in interpreting or using the estimated MW values found in this report in either the ex poster ex ante columns. Ex post estimates reflects 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 accountor variables not included in the ex-post estimate such as normalized weather conditions, expected customer mix during events, expected time of day which events occur, expected days of the week days of the week passer effects stee. An ex-ante forecast reflects forecast impact estimates that would occur between 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions. The ex ante and ex pxt load impacts presented in this report are based on the IOUs' annual April 1st Compliance Filling. The differences are attributed to the use of average values over specific load impact hours and other factors.
- 5. For May through October the CBP service accounts reported reflect only those nominated to participate in Day-Of and Day-Ahad events.

SCE WG2 Monthly Enhanced Report December 2011.xlsx

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

#### Program Eligibility and Average Load Impacts

pemerkationnonaationnonantiin alianiin oli a					Average	Ex Post	Load Imp	oact kW /	Customer					
													Eligible	
													Accounts as	
Program	January	February	March	April	May	June	July	August	September	October	November	December	of Jan 1, 2011	Eligibility Criteria
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	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	2,100,470	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	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	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	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	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	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	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	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	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	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	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	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 the1 - 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 Impactresults as reported in April 2011 except as noted.

					Average	Ex Ante	Load Im	pact kW /	Customer					
													Eligible Accounts as	
Program	January	February	March	April	May	June	July	August	September	October	November	December	of Jan 1, 2011	Eligibility Criteria
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	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	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	465,339	All commercial customers with air conditioning
DBMC	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	N/A	All non-res. customers who can reduce circuit load by 15%
\P-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	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	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	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	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	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	632,432	All non-residential customers
R 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	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	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	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 azero 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.

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

	r																,				1			
2011		Jan	uary			Feb	ruary			M:	arch				\pril				May	<del></del>			lune	
Price Responsive	TA Identified	Auto DR Verified MW	Ti Verified	Total Technology MW	TA Identified MW	Auto DR Verified MW	Ti Verified	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	Total Technology MW	TA Identified MW	Auto DR Verified MW	Ti Verified	Total Technology MW	TA Identified MW	Auto DR Verified MW	Ti Verified	Total I Technology MW
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.
Critical Peak Pricing		3.6	0.2			4.0	0.2	4.1		4.0	0.2	4.1		3.9	0.2	4.1		4.3	0.2	4.5	İ	4.8	0.2	2 4.
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.
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	
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.
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.
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.
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.
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.
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.
ОВМС		0.0	0.0	0.0		0.0	0.0	0.0		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	
Total Technology MW		37.8	5.8			38.4	5.8	<u> </u>		41.4	5.7	47.1		41.7		47.7		42.8	<del></del>			43.7	5.9	49.
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	62.7		N/A	N/A	69.8		N/A	N/A	70.7	<del>,</del>	N/A	N/A		N/A	N/A	N/A		N/A	N/A	N/

		Jı	uly			Αι	igust			Sept	ember			Oc	tober			Nov	ember			Dec	ember	
		Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total	TA	Auto DR		Total
	TA Identified		TI Verified		Identified	Verified	TI Verified	Technology	Identified	Verified	Ti Verified	Technology	ldentified	Verified		Technology	Identified		TI Verified	Technology	ldentified		TI Verified	Technology
Price Responsive	MW	MW	MW	MW	MW	MW	MW	MW	MW	MVV	MW	MW	MVV	MVV	MW	MW	MW	MW	MW	MW	MW	MW	MW	MW
Capacity Bidding Program		4.4	3.1			7.1	1.3	8.4		7.25	1.32	8.6		7.7		9.1		7.7		9.0		8.3	0.0	8.3
Critical Peak Pricing		4.7	0.2			5.6	0.2	5.7		7.48	0.16	7.6		7.1		7.3		7.1		7.3		7.6	0.2	7.7
Demand Bidding Program		29.4	0.6			33.1	0.6	33.7		33.12	0.60	33.7		33.5		34.1		34.6		35.2		39.3	0.6	39.9 17.7
Demand Response Contracts		11.9	2.1			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	
Real Time Pricing		1.0	0.0			1.0	0.0	1.0		0.96	0.00	1.0		1.0	0.0	1.0		1.0		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									1									20210000000000						
Base Interruptible Program		0.0	0.0	0.0		0.0	0.0	0.0	ļ	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
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
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	L	95.6		0.2		101.5		0.8		125.6		1.3		145.1		2.7	
						l																		
Total	90.0				91.5	il			95.6				101.5		<u> </u>		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 di rectly 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/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.

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 Au toDr.

Total Technology MW General Program category

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

#### Year-to-Date Program Expenditures

	I																	
							2011 Expendite	ures						Year-to Date	Program-to- Date Total			
Cost item	2009 & 2010 Expenditures	January	February	March	April	May	June	July	August	September	October	November	December	2011 Expenditures	Expenditures 2009-2011	3-Year Funding	Fundshift Adjustments (5)	Percent Funding
Category 1: Emergency Programs																	I	Ĭ
AP-I	\$820,660	\$39,718	\$33,521	\$52,220	\$66,222	\$68,727	\$41,610	\$32,194	\$79,317	\$31,309	\$83,133	\$35,179	\$39,205	\$602,355	\$1,423,015	\$1,423,017	\$23,017	100.09
BIP SDP - Summer Discount Plan (6)	\$2,250,464 \$23,284,140	\$54,425 \$351,199	\$63,704 \$264.194	\$69,577 \$248,331	\$59,222 \$253.525	\$59,741	\$92,612 \$1,424,996	\$61,867 \$307,415	\$78,291 \$698,855	\$64,457 \$606.508	\$69,238 \$346,894	\$76,569 \$281.062	\$152,204 \$804.150	\$901,907	\$3,152,371 \$30.067.247	\$4,679,357 \$38.632.160	(\$23,017)	67.49
SDP - Summer Discount Plan (6) Rotaling Outages Management	\$23,284,140 \$79,852	\$351,199 \$2,084	\$264,194	\$248,331 \$2,545	\$253,525 \$2,140	\$1,195,978 \$2,330	\$1,424,996	\$307,415 \$6,396	\$27,383	\$2,774	\$346,894	\$281,062	\$804,150	\$6,783,107 \$59,208	\$30,067,247	\$38,632,160 \$408,738		77.89 34.09
SLRP	\$10,763	32,004 \$0	Φ1,927 SΩ	\$675	\$352	92,000 90	52,554 SΩ	30,380 30	\$27,363 \$B	\$433	\$2,103 \$0	\$0,000	\$5,762	\$1,460	\$12,223	\$52,995		23.19
Optional Binding Mandatory Curtailment	\$54,390	\$478	\$405	\$1,013	\$770	\$535	\$445	\$352	\$384	\$923	\$456	\$399	\$291	\$6,451	\$60,841	\$197,994		30.79
Budget Category 1 Total	\$26,500,269	\$447,904	\$363,751	\$374,361	\$382,231	\$1,327,311	\$1,562,259	\$408,224	\$884,230	\$706,404	\$501,884	\$396,299	\$999,632	\$8,354,490	\$34,854,759	\$45,394,261		76.8%
																		1
Category 2: Price Responsive Programs																		
Capacity Bidding Program	\$1,488,946	\$16,248	\$48,302	\$60,120	\$21,880	(\$32,827)	\$13,129	\$26,691	\$33,489	\$18,177	\$22,260	\$26,313	\$35,710	\$289,492	\$1,778,438	\$2,838,327	\$2,026,028	62.79
Critical Peak Pricing	\$1,236,333 \$1,212,367	\$64,400	\$62,873	\$90,126	\$65,257	\$64,159	\$51,442	\$38,218	\$38,008	\$33,546	\$34,090	\$34,348	\$43,804	\$620,271	\$1,856,604	\$2,281,459	(\$360,000)	81.49
DBP (NDB)	\$1,212,367 \$121,162	\$31,019 \$0	\$30,884 \$0	\$28,271 \$0	\$35,634 (\$1,530)	\$38,627 \$0	\$36,976 \$0	\$36,350 \$0	\$44,449 \$0	\$38,219 \$0	\$34,692 \$0	\$403,927 \$0	\$37,905 \$0	\$796,953 (\$1,530)	\$2,009,320 \$119,632	\$3,818,142 \$119,633	\$3,558,203 (\$5,584,231)	52.69 100.09
Energy Options Program Real Time Pricing	\$121,162 \$96,438	\$0 96.858	\$5.346	\$0 \$6.847	(\$1,530) \$6,092	\$7.265	\$10.061	\$0 \$5,970	\$6.741	\$7.855	\$6.413	\$U \$4.181	\$52,107	\$1,530) \$125,736	\$222,174	\$119,633 \$430,409	(35,584,231) \$360,000	51.69
Budget Category 2 Total	\$4,155,246	\$118,525	\$147,405	\$185,364	\$127,333	\$77,224	\$111,608	\$107,229	\$122,687	\$97,797	\$97,455	\$468,769	\$169,526	\$1,830,922	\$5,986,168	\$9,487,970	\$500,000	63.19
Drauger Ontegory 2 Total	\$4,100,240	Ψ110,020	<b>\$147,400</b>	9100,004	Ψ127,000	Ψ11,224	ψ111,000	9107,223	Ψ122,007	401,101	407,400	\$400,700	\$100,020	Ψ1,030,322	40,300,100	40,407,570		- 00.17
Category 3: DR Aggregator Managed Programs																		
DR Contracts (2)	\$1,359,318	\$2,145,686	(\$510,364)	(\$1,514,136)	\$162,166	(\$108,831)	\$816,634	(\$632,917)	\$40,634	\$62,222	\$37,006	\$52,357	\$113,424	\$663,881	\$2,023,199	\$2,916,500		69,49
Budget Category 3 Total	\$1,359,318	\$2,145,686	(\$510,364)	(\$1,514,136)	\$162,166	(\$108,831)	\$816,634	(\$632,917)	\$40,634	\$62,222	\$37,006	\$52,357	\$113,424	\$663,881	\$2,023,199	\$2,916,500		69.49
								-		-		-						
Category 4: DR Enabled Programs	#0.070.07	A	mo=	0400 000	mn = ===	#00 · ***	000.750	0400 005	#40** ***	0404 - 22	007 107	enc	6401.005	#0 C - C - C -		A		
Auto DR	\$2,079,279 \$0	\$115,892 \$0	\$87,448 \$0	\$408,957 \$0	\$26,559 \$0	\$291,665 \$0	\$304,758 \$0	\$182,095 \$0	\$107,813 \$0	\$181,177 \$0	\$97,407 \$0	\$90,101 \$0	\$124,390 \$0	\$2,018,262 \$0	\$4,097,541	\$4,302,881 \$126,019		95.29
Agriculture Pump Timer Program Emerging Markets & Technologies	\$0 \$2,184,983	\$0 \$133.602	\$0 \$64.731	\$0 \$90.583	\$133.517	\$0 \$194.928	\$0 \$293,297	\$0 \$116.036	\$0 \$233,368	\$0 \$103.740	\$0 \$112.632	\$0 \$248.245	\$0 \$1,119,865	\$2.844.544	\$6.029.527	\$126,019 \$9,244,405		0.09 54.4%
Technical Assistance & Technology Incentives - Admin (4)	\$3,778,524	(\$1,122)	\$269,088	\$148,983	\$112,224	\$189,551	\$78,196	\$247,325	\$141,999	\$103,740	\$151,575	\$02,646	\$1,450,758	\$3,009,271	\$6,787,795	\$7,262,525		93.5%
Technical Assistance & Technology Incentives - Admir (4) Technical Assistance & Technology Incentives - Incentives (4)	\$10.014.448	\$499,490	\$626,757	\$118.528	\$37.512	\$272,550	\$357.300	\$1,187,308	\$1,296,710	\$743.502	\$308.092	\$1,321,228	\$701,220	\$7,470,197	\$17.484.645	\$43,000,000		40.7%
Budget Category 4 Total	\$18,057,234	\$747,862	\$1,048,024	\$767,051	\$309,812	\$948,694	\$1,033,551	\$1,732,764	\$1,779,890	\$1,156,467	\$669,706	\$1,752,220	\$3,396,233	\$15,34 2,274	\$33,399,508	\$63,935,830		52.2%
and the state of t									anakakhinininkinhiinaan	and delation in the later and				ennandraidenheidiisem.		***************************************		
Category 5: Pilots & SmartConnect Enabled Programs																		
Participating Load / Proxy Demand Resource Pilot	\$1,808,671	\$22,275	\$20,454	\$94,523	\$44,990	\$54,496	\$36,836	\$58,087	\$206,441	\$65,496	\$78,491	\$76,078	\$152,505	\$910,672	\$2,719,343	\$3,600,000		75.5%
SmartConnect Thermostats for CPP	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$0	\$0	\$6	\$0	\$0	\$0	\$0	\$0	\$780,674		0.0%
SmartConnect Customer Experience Pilot	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$6	\$0	\$0	\$0	\$569,750		0.0%
Budget Category 5 Total	\$1,808,671	\$22,275	\$20,454	\$94,523	\$44,990	\$54,496	\$36,836	\$58,087	\$206,441	\$65,496	\$78,491	\$76,078	\$152,505	\$910,672	\$2,719,343	\$4,950,424		54.99
Category 6: Statewide Marketing Program Flex Alert	\$376,081	\$5,896	\$1,699	\$2,905	\$171,906	\$1,996	\$66,636	\$17,130	\$40,127	\$423,914	\$555,041	\$50,195	\$88,057	\$1,425,502	\$1,801,583	\$4,947,991		36.4%
Budget Category 6 Total	\$376,081	\$5,896	\$1,699	\$2,905	\$171,906	\$1,996	\$66,636	\$17,130	\$40,127	\$423,914	\$555.041	\$50,195	\$88,057	\$1,425,502	\$1,801,583	\$4,947,991		36.4%
Design of the state of the stat	\$010,001		41,505									900,100	400,001		<b>V1,001,000</b>	91,011,001		1
Category 7: Measurement & Evaluation																		
Measurement & Evaluation	\$2,378,014	\$187,707	\$117,979	\$321,757	\$91,876	\$44,450	\$113,602	\$26,618	\$52,576	\$52,395	\$43,231	\$65,693	\$120,824	\$1,238,708	\$3,616,722	\$7,074,990		51.1%
Budget Category 7 Total	\$2,378,014	\$187,707	\$117,979	\$321,757	\$91,876	\$44,450	\$113,602	\$26,618	\$52,576	\$52,395	\$43,231	\$65,693	\$120,824	\$1,238,708	\$3,616,722	\$7,074,990		51.1%
																	İ	
Category 8: System Support Activities	6440.405	\$14,773	645.000	\$37,430	CC4 704	\$116,638	655 400	642.004	\$190,817	\$17,107	\$9,490	\$17,148	\$20,046	\$569,788	econ on n	\$1,102,453		62.0%
DR Forecasting Tool DR Resource Portal	\$113,435 \$0	\$14,773 \$0	\$15,628 \$0	\$37,430 \$0	\$61,721 \$0	\$110,036	\$55,126 \$0	\$13,864 \$0	\$190,817	\$17,107	\$9,490 \$0	\$17,148 \$0	\$20,046 \$0	\$209,766 \$0	\$683,223 \$6	\$1,102,453	(\$2,525,000)	0.09
DR System Infrastructure	\$3,527,019	\$93,442	\$175,820	\$368,457	\$268,213	\$409,352	\$415,070	\$324,262	\$905,513	\$345,371	\$396,117	\$514,650	\$489,975	\$4,706,242	\$8,233,261	\$12,045,967	\$2,525,000	68.3%
Budget Category 8 Total	\$3,640,454	\$108.215	\$173,020	\$405,887	\$329,934	\$525,990	\$470,195	\$338,126	\$1.096.330	\$362,478	\$405,607	\$531,798	\$510.021	\$5,276,029	\$8,916,483	\$13,158,420	92,020,000	67.8%
	12.2.2.2.2	¥100,£10	**********	F122/221		***************************************		***********						75,215,525	1	W10,100,420		1 57.07
Category 9: Marketing Education & Outreach																		
Agriculture & Water Outreach	\$124,978	\$12,329	\$3,384	\$14,577	\$66,411	\$4,070	\$36,926	\$2,551	\$8,359	\$10,507	\$22,747	\$20,825	\$41,943	\$244,629	\$369,607	\$489,068		75.6%
Circuit Savers	\$333,786	(\$9,826)	\$16,829	(\$21,746)	(\$2,795)	(\$12,159)	\$52,744	\$25,961	\$14,887	\$2,922	\$6,604	\$3,312	\$0,020	\$85,753	\$419,539	\$1,529,188		27.4%
Federal Power Reserves Partnership	\$325,430	\$23,151	\$27,701	\$18,827	\$34,819	\$41,907	\$48,420	\$55,821	\$35,577	\$35,106	\$46,601	\$25,921	\$82,671	\$476,522	\$801,952	\$1,685,269		47.6%
Income Qualified Customer Outreach	\$7,620	\$882	\$779	\$21,457	\$13,563	\$15,329	\$851	\$707	\$1,228	\$1,135	(\$1,260)	\$1,039	\$4,158	\$59,868	\$67,488	\$120,768		55.9%
DR Energy Leadership Partnership (Community EE/DR Partnership)	\$413,872 \$527,532	\$38,234	\$26,582	\$69,448	\$17,643	\$14,924	\$25,530	\$20,831	\$62,221	\$50,341	\$24,252	\$96,019	\$160,357	\$606,382	\$1,020,254	\$2,604,093		39.2%
Integrated DSM Marketing PEAK	\$527,532 (\$37)	\$25,278 \$52	\$18,335 \$0	\$33,574 \$0	\$29,620 (\$52)	\$27,239 \$0	\$64,606 \$0	\$46,073 \$0	\$36,139 \$0	\$22,178 \$0	\$27,473 \$0	\$31,630 \$6	\$86,964 \$314	\$449,109 \$314	\$976,641 \$277	\$2,953,078 \$0		33.1% N/A
Budget Category 9 Total	\$1,733,181	\$90,100	\$93,610	\$136,137	\$159,209	\$91,310	\$229,077	\$151,944	\$158,411	\$122,189	\$126,417	\$178,746	\$385,427	\$1,922,577	\$3,655,758	\$9,381,464		39.0%
Duage Category 5 (Otti	\$1,755,101	950,100	400,010	\$100,10 <i>1</i>	\$100,600	901,010	φεεσ.011	9101,044	\$100,411	Ø122, 100	₩140, <del>4</del> 17	\$170,740	4000,421	91,022,011	φυ,υυυ,τυο	φ2,001,404	<del> </del>	39,07
Category 10: Integrated Programs																	1	
Non-residential New Construction	\$5,342	\$1,646	\$326	\$8,913	\$8,435	\$12,461	\$10,670	\$8,206	\$10,501	\$0,931	\$4,769	\$9,614	\$42,642	\$128,114	\$133,456	\$731,674	(\$100,000)	18.2%
Residential New Construction	\$11,733	\$1,606	\$3,997	\$5,859	\$1,539	\$909	\$7,658	\$11,773	\$0,642	\$5,989	\$18,577	\$2,962	\$20,611	\$91,122	\$102,855	\$317,066	(\$100,000)	32.4%
Institutional & Govt Partnership Program	\$63,867	\$8,954	\$3,473	\$22,885	\$10,722	\$7,076	\$11,250	\$3,574	\$11,559	\$3,054	\$3,136	\$2,132	\$31,109	\$118,924	\$182,791	\$327,003	1	55.9%
IDSM food Processing Pilot	\$14,047	\$2,178	\$4,994	\$6,119	(\$937)	\$427	\$0,119	\$1,811	(\$4,445)	\$3,399	\$1,416	\$441	\$2,530	\$27,052	\$41,099	\$207,850	(\$83,778)	19.8%
WE&T Smart Students	\$13,865	\$1,253	\$1,475	\$2,797	\$399,638	(\$19,603)	\$3,057	\$1,058	\$1,982	\$18,479	\$1,799	\$4,404	\$28,060	\$444,399	\$458,264	\$458,263	\$308,778	100.0%
IDEAA Program	\$1 614.070	\$15	\$0	(\$5)	(\$15) ee 020	\$0	\$0	\$0	\$0 64.194	\$0	\$0	\$0 cases	\$0	(\$5)	(\$4)	\$293,492	(\$250,000)	0.0%
TRIO Program Statewide IDSM Program	\$14,070 \$57,289	\$1,314 \$29,110	\$1,218 \$23,584	\$3,600 \$17.766	\$5,038	\$415 \$17,176	\$8,377 \$13,455	\$1,414 \$45,377	\$4,184 \$11,865	(\$1,132) \$8,160	\$1,611	\$3,850 \$25,780	\$1,865 \$26,645	\$31,754 \$253,804	\$45,824 \$311,093	\$310,401 \$313,785	\$225,000	14.8% 99.1%
Sidlewine Inchi Lindigiii	\$57,289 \$180,214	\$29,110 \$46,076	\$23,584	\$67,934	\$25,695 \$450,115	\$17,176	\$13,455 \$63,585	\$45,377 \$73,213	\$11,865	\$47,880	\$9,191 \$40,499	\$49,183	\$153,462	\$1,095,163	\$1,275,377	\$313,785	\$225,000	43,19
Budget Category 10 Total		340,070	φυσ,007	407,354	φ+σ0,110	\$10,001	900,000	φι 3, <u>2</u> 13	Ø+J,200	Ø97,000	ψ4U,433	ψ+∂, 10∂	9100,402	@1,050,103	Ψ1,210,011	øz,505,034	<del></del>	+ 40.17
Budget Category 10 Total	¥100011																	
	\$4,995	\$347	\$352	\$245	(\$6,240)	(\$45,838)	\$46,073	\$4,473	(\$4,058)	\$715	\$1,386	\$273	(\$3.023)	(\$5,295)	(\$300)	\$0		N/A
Budget Category 10 Total  Programs Support costs	\$4,995													(\$5,295)				
		\$347 \$3,920,593	\$352 \$1,513,425	\$245 \$842,028	(\$6,240) \$2,223,332	(\$45,838) \$2,935,663	\$46,073 \$4,550,056	\$4,473 \$2,284,891	(\$4,058) \$4,422,556		\$1,386 \$2,556,723	\$273 \$3,621,611	(\$3,023) \$6,086,088	(\$5,295) \$38,054,923	(\$300) \$98,248,600	\$0 \$164,207,384		N/A 59.8%

\$23,690,762

Technical Assistance & Technology Incentives (TA&TI) commitments as of 12/31/2011

1/20/2012 SCE WG2 Monthly Enhanced Report December 2011.xlsx

<sup>(1)</sup> Costs reported here are recorded in SCE's Demand Response Program Balancing Account (DRPBA), unless otherwise noted.
(2) Funding and expenses for DR Contracts reflect the administrative portion of costs tracked in the Purchase Agreement Administrative Costs Balancing Account (PAACBA). Incentive payments are recorded separately in Table I-4.
(3) 2009 Funding authorized in 100-08-027 and 100-08-02-07 in 100-08-027 and 100-08-027 and 100-08-02-07 in 100-08-027 and 1

#### 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		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 CFP 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.

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#### 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	\$	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

		***************************************														
							201	1								
ı															Carryover	
	Total													Total	Expenditures	2008 Carryover
	Expenditures													Expenditures	to Date 2009 -	Committed
Cost Item	2009 & 2010	January	February	March	April	May	June	July	August	September	October	November	December	2011	2011	Funding
Category 1: Specified Programs	(0000 00 1)		0.0	an a	0.0	an a		00	40			(Anna)		(2004)	10001000	
CPP-VCD & CPP-GCCD	(\$233,964)	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	(\$691)	\$0		(\$234,655)	\$0
SLRP	\$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
Capacity Bidding Program DBP	(\$116,838) \$109,777	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	(\$2,616)	\$0 \$0		(\$119,454)	\$0 \$54,172
	\$109,777	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$362,538) \$0	\$0 \$0		(\$252,761)	\$54,172
DBP (metering for <200 kW)				\$0 \$0											\$0	
SDP - Summer Discount Plan BIP	\$1,263,941	\$2,472	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	(\$5,032)	\$0		\$1,261,381	\$1,411,821
	\$23,979	\$0 \$6		\$0 \$0				\$2	\$1	\$32	(\$813)	(\$22,078)	(\$43) \$640		\$1,080	\$197,500
AP-I	\$10,829	\$6 \$0	\$40 \$211,622	\$0 \$746,673	(\$1,342)	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	(\$10,304)			(\$131)	\$0 \$555,122
Technical Assistance & Technology Incentives - Admin	\$305,022				\$264,012	(\$746,648)	(\$475,659)	\$0	\$0		\$U \$0	\$0	\$0		\$305,022	
Technical Assistance & Technology Incentives - Incentives	\$5,731,310	\$337,975 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$11	\$0 \$49	\$0 \$0	\$0 \$0	\$0 \$0		\$0	\$0 \$0		\$6,069,285	\$8,487,565 \$0
Integrated EE/DR Marketing	(\$7,196)										(\$1,616)	(\$480)			(\$9,232)	
Community EE/DR Partnership	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0		\$135	\$0
Circuit Savers	\$135	\$0	\$0	\$0 \$0	\$0 \$0	\$0	\$36,347	\$0	\$0	\$0	\$0	(\$135)			\$36,347	\$20,950
Ag & Water Outreach	\$13,632	\$0	\$0			\$0	\$0	\$0	\$0	\$0	\$0	(\$9,668)	\$0		\$3,964	\$0
Federal Power Reserves Partnership	\$989	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$14)	\$0		\$975	\$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
DR Contract #1	\$317,602	\$0	(\$12,280)	\$12,280	\$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		(\$393,672)	\$0
Auto DR	\$42,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$380)	\$0		\$42,200	\$0
Small Business Communicating Thermostat Pilot	(\$54,632)	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0		(\$54,632)	\$0
Participating Load Pilot	\$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)	040.045.000
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
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
PEAK	\$172,995	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$480)	\$0	(\$480)	\$172,515	\$150,904
Emerging Markets & Technologies	\$28,930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,930	\$0
Budget Category 2 Total	\$803,541	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$537)	\$0	(\$537)	\$803,004	\$226,102
Office As the War and Business																
Other Activities and Programs			6.0	60	6.0	0.0					6.0					(0.400.050)
Specific Program M&E	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$432,350)
M&E Supporting Activities	(\$13,044)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(\$13,044)	\$0
Demand Response Systems Integration DR Forecasting Tool	\$4,810 \$8,330	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$4,810 \$8.330	\$4,799 \$9,550
	\$0,330	\$0 \$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0		\$96,330	
Budget Category 3 Total	296	30	<b>⊅</b> U	ΦU	ΦU	ąυ	ąU	ΨU	ΦU	\$0	<b>⊅</b> U	\$U	\$U	1	\$96	(\$418,001)
Category 4: Programs Previously Funded in GRC																
BIP	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2	\$664
Budget Category 4 Total	\$2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$2	
Total Incremental Cost	644,672,640	6260.007	eana 050	6770 470	6204 600	/e220 020)	(800E 074)	£40.40E	#24 e2E	¢44.777	(00.450)	£442.020	(04.00,040)	\$796,402	642 470 024	640,000,000
rotal incremental Cost	\$11,673,619	\$360,097	\$223,850	\$773,176	<b></b> \$394,680	(\$730,279)	(\$ZU5,Z/1)	\$10,465	\$31,635	\$14,777	(\$9,156)	\$113,038	(\$180,610)	\$796,402	\$12,470,021	\$18,023,993

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

SCE WG2 Monthly Enhanced Report December 2011.xlsx 1/20/2012

#### 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 Tolled Hours (Annual) (4)
ategory 1: Emergency Programs				oomman kanaan kanaan ka ka ka ka ka ka ka ka ka ka ka ka ka		manaaaaaa loobaaaaaaaa
<u> </u>						
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	
ategory 2: Price Responsive Programs				***************************************		
Critical Peak Pricing	1 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  Capacity Bidding Program - Day Ahead	3	07/05/11	Heat Rate	020	14:00 : 18:00	5
Capacity Bidding Program - Day Ariead  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	07/05/11	Heat Rate	0	14:00 : 18:00	9
Capacity Bidding Program - Day Ahead  Capacity Bidding Program - Day Ahead	7	07/06/11	Heat Rate	0	15:00 : 16:00	10
Capacity Bidding Program - Day Anead  Critical Peak Pricing	8	07/07/11	Peak Load Forecast	40.240	14:00 : 18:00	12
Capacity Bidding Program - Day Of	9	07/19/11	Heat Rate	9,690	13:00 : 16:00	3
	10	08/01/11	Heat Rate	2.110	14:00 : 17:00	13
Capacity Bidding Program - Day Ahead Critical Peak Pricing	11	08/01/11	Peak Load Forecast	33,700	14:00 : 17:00	16
		08/02/11		1,670		16
Capacity Bidding Program - Day Ahead	12		Heat Rate		14:00 : 17:00	
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)
			and the second s			İ
ategory 3: DR Aggregator Managed Programs						***************************************
DR Contracts - Day-Of	1 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
ategory 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	000000000000000000000000000000000000000
					***************************************	

#### 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 triggere d 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 base line 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 b aseline.
- CBP: Reported to SCE in aggregate by portfolio and by product by APX. These load reductions reflect the highest hour ly 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

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	\$71,090,71
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	\$53,566,09
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
)BP	\$1,628	\$0	\$57	\$1,058	\$57	\$0	\$76,781	\$409,933	\$395,888	\$550,374	\$331,998	\$34,521	\$1,802,29
Capacity Bidding Program	\$0	\$0	\$0	\$0	\$0	\$86,576	\$123,715	\$249,865	\$245,710	\$130,889	\$40,012	\$0	\$876,76
OR 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	\$16,008,77
Total Cost of Incentives	(\$2,037,058)	\$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	\$154,036,14

<sup>(1)</sup> 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.

<sup>(3)</sup> Penalties assessed BIP participants for failure to reduce load when requested during curtailment events.

<sup>(4)</sup> Includes Capacity Payments for CBP and DR Contracts as reported in the BRRBA.