

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

Exhibit No. REVISED ENERNOC-X-SCE-01

Witness Mark Minick (SCE)

Commissioner Michel P. Florio

ALJ David R. Gamson

**ENERNOC, INC.**

**REVISED 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)

*Revised August 15, 2012*

*R12-03-014 (LTPP Local Reliability Track 1)  
EnerNOC Cross Examination Exhibit (Revised ENERNOC-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.<sup>1</sup> 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](http://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)

<sup>1</sup>

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-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

Programs	January			February			March			April			May			June			Eligible Accounts as of Jan 1, 2011
	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	
<b>Interruptible/Reliability</b>																			
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	53.5	44.7	69	57.1	45.3	68	53.0	44.7	68	59.2	44.7	68	62.5	44.7	68	59.1	44.7	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	0.0	132.1	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	0.0	12.6	2,373	0.0	12.5	2,347	0.0	12.4	465,339
SDP-Enhanced : Residential	260,120	0.0	561.9	259,099	0.0	559.7	257,331	0.0	555.8	256,440	0.0	553.9	255,812	0.0	552.6	255,341	0.0	551.5	2,100,470
SDP-Enhanced : Commercial	5,529	0.0	45.0	8,508	0.0	44.9	8,464	0.0	44.7	8,427	0.0	44.5	8,395	0.0	44.3	8,392	0.0	44.3	465,339
OBMC	12	19.2	18.2	12	19.2	18.2	12	19.2	18.2	12	18.7	18.2	12	19.3	18.2	12	18.3	18.2	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	27.3	7,572
<b>Sub-Total Interruptible</b>	<b>336,007</b>	<b>532.5</b>	<b>1,212.9</b>	<b>334,617</b>	<b>659.2</b>	<b>1,209.8</b>	<b>332,236</b>	<b>534.6</b>	<b>1,205.6</b>	<b>331,028</b>	<b>606.4</b>	<b>1,204.9</b>	<b>329,983</b>	<b>647.7</b>	<b>1,208.0</b>	<b>328,810</b>	<b>1,107.7</b>	<b>1,211.5</b>	
<b>Price Response</b>																			
CPP	4,095	0.0	30.7	3,933	0.0	29.5	3,819	0.0	28.6	3,577	0.0	28.8	3,278	0.0	24.6	2,912	0.0	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	0.8	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	21.8	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	632,432
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	0.0	22,477
<b>Sub-Total Price Response</b>	<b>7,806</b>	<b>106.3</b>	<b>252.3</b>	<b>7,692</b>	<b>109.7</b>	<b>255.8</b>	<b>7,600</b>	<b>112.7</b>	<b>256.3</b>	<b>7,498</b>	<b>183.8</b>	<b>263.6</b>	<b>7,253</b>	<b>205.6</b>	<b>278.3</b>	<b>7,025</b>	<b>239.7</b>	<b>287.8</b>	
<b>Total All Programs</b>	<b>343,813</b>	<b>638.8</b>	<b>1,465.2</b>	<b>342,309</b>	<b>668.9</b>	<b>1,465.6</b>	<b>339,836</b>	<b>647.4</b>	<b>1,461.9</b>	<b>338,526</b>	<b>790.2</b>	<b>1,468.5</b>	<b>337,236</b>	<b>853.3</b>	<b>1,486.3</b>	<b>335,835</b>	<b>1,347.5</b>	<b>1,499.3</b>	

Programs	July			August			September			October			November			December			Eligible Accounts as of Jan 1, 2011
	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	Service Accounts	Ex Ante Estimated MW	Ex Post Estimated MW	
<b>Interruptible/Reliability</b>																			
BIP - 30 Minute Option	566	499.4	384.9	592	504.4	388.9	595	512.4	390.9	594	540.8	390.2	592	494.7	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	56.6	44.7	66	47.3	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	0.0	129.7	59,805	0.0	129.2	59,508	0.0	128.5	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	0.0	12.2	2,309	0.0	12.2	2,289	0.0	12.1	465,339
SDP-Enhanced : Residential	255,261	424.4	551.4	255,911	386.9	552.8	256,894	400.3	554.4	258,593	0.0	554.2	255,827	0.0	552.8	254,487	0.0	549.7	2,100,470
SDP-Enhanced : Commercial	8,397	46.6	44.3	8,416	54.2	44.4	8,405	47.1	44.4	8,385	0.0	44.3	8,361	0.0	44.1	8,337	0.0	44.0	465,339
OBMC	12	18.1	18.2	12	18.4	18.2	12	17.8	18.2	12	17.4	18.2	12	18.0	18.2	12	16.2	18.2	N/A
AP-I	828	36.7	27.7	938	38.9	28.0	973	36.0	29.1	1,014	41.2	30.3	1,027	35.5	30.7	1,034	23.2	30.9	7,572
<b>Sub-Total Interruptible</b>	<b>328,397</b>	<b>1,191.6</b>	<b>1,214.9</b>	<b>328,777</b>	<b>1,167.2</b>	<b>1,220.0</b>	<b>329,311</b>	<b>1,180.9</b>	<b>1,224.0</b>	<b>329,026</b>	<b>681.3</b>	<b>1,223.8</b>	<b>326,001</b>	<b>603.0</b>	<b>1,220.5</b>	<b>326,325</b>	<b>503.7</b>	<b>1,209.2</b>	
<b>Price Response</b>																			
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	63.2	60.4	1,358	55.1	60.8	1,365	49.5	61.2	12,667
CBP - (DA)	3	0.0	0.0	111	1.2	0.6	101	1.1	0.5	28	0.3	0.1	84	0.0	0.3	50	0.0	0.3	632,432
CBP - (DO)	435	16.8	15.2	400	15.9	14.0	409	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	124.6	179.3	2,034	135.9	190.9	2,107	140.5	197.5	2,134	136.8	200.3	1,746	57.6	163.9	1,959	64.8	183.9	632,432
DR Contracts - (DA)	375	24.3	22.6	404	26.5	24.4	426	28.8	25.7	434	27.0	26.2	795	27.9	47.9	746	26.2	45.0	632,432
RTP	120	6.1	18.3	131	17.6	17.7	131	25.8	25.8	132	13.7	0.0	132	6.1	0.0	131	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	0.0	22,477
<b>Sub-Total Price Response</b>	<b>7,001</b>	<b>255.0</b>	<b>314.2</b>	<b>7,465</b>	<b>286.5</b>	<b>331.4</b>	<b>7,568</b>	<b>300.9</b>	<b>347.4</b>	<b>7,527</b>	<b>255.7</b>	<b>323.9</b>	<b>7,651</b>	<b>148.6</b>	<b>310.8</b>	<b>7,829</b>	<b>140.3</b>	<b>325.9</b>	
<b>Total All Programs</b>	<b>335,398</b>	<b>1,446.6</b>	<b>1,529.1</b>	<b>336,242</b>	<b>1,453.7</b>	<b>1,551.4</b>	<b>336,879</b>	<b>1,481.8</b>	<b>1,571.4</b>	<b>336,553</b>	<b>937.0</b>	<b>1,547.7</b>	<b>333,652</b>	<b>751.6</b>	<b>1,531.3</b>	<b>334,154</b>	<b>644.0</b>	<b>1,535.1</b>	

- Notes:**
1. Ex Ante Estimated MW = The monthly ex ante average load impact per customer reported in the annual April 1st 2011 D.08-04-050 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 1 - 6 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 that reporting 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.08-04-050 Compliance 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 may have participated in an event(s) between 1 - 6pm on event days in the preceding year when or if events occurred. New programs report "n/a", as there were no prior events. Ex Post OBMC Load Impacts are based on program year 2008.
  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 post or 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 account for 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 which events occur, and other lesser effects etc. An ex-ante forecast reflects forecast impact estimates that would occur between 1 pm and 6pm during a specific DR program's operating season, based on 1-in-2 (normal) weather conditions. The ex ante and ex post load impacts presented in this report are based on the IOUs' annual April 1st Compliance Filings pursuant to Decision D.08-04-050. SCE provides reports to various other agencies (CAISO, FERC, NERC, etc.) which may differ from the load impact estimates in this report but are still based on the April 1st Compliance Filings. 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-Ahead events.