

January 30, 2013

The Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

**Re: California Independent System Operator Corporation  
Docket Nos. ER08-1178-\_\_\_\_, and EL08-88-\_\_\_\_  
October 2012 Exceptional Dispatch Report (Chart 2 data)**

Dear Secretary Bose:

Pursuant to the September 2, 2009 and May 4, 2010 orders in the above referenced docket, the California Independent System Operator Corporation submits the attached report. The attached report provides Exceptional Dispatch information that the Commission directed be included in "Chart 2", which was set forth in Appendix A to the September 2 Order, as modified the Commission's May 4 Order.

The attached report provides Chart 2 data for the month of October 2012. The attached Chart 2 report also includes the price impact analysis for the month of October 2012 required by Paragraph 44 of the September 2 Order as well as the degree of mitigation analysis required by ISO tariff section 34.9.4 for the month of October 2012.

Respectfully submitted,

**By: /s/ Sidney M. Davies**

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# Exceptional Dispatch Report

## Table 2: October 2012

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## Introduction

This report is filed pursuant to FERC's September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15<sup>th</sup> of each month and one issued on the 30<sup>th</sup> of each month. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in October 2012.

In addition, this report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of October is presented in Appendix B. This report also includes the degree of mitigation analysis for October 2012 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation ( i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for October is presented in Appendix C.

## The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post day-ahead unit commitment or a real-time exceptional dispatch. A pre-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its physical minimum (Pmin) operating level in the day-ahead market. A post-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its (Pmin) operating level in the real-time market. A real-time exceptional dispatch instructs a resource to operate at or above its physical minimum operating point. For the purposes of this report, a real-time exceptional dispatch above the resource's day-ahead award is considered an incremental exceptional dispatch instruction and a real-time exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction. The ISO issues exceptional dispatch instructions primarily to manage transmission constraints that are not modeled in the market software. In addition to constraints, the ISO also issues exceptional dispatch instructions relating to reliability requirements and, on occasion, software failures. Reliability requirements are calculated for both local area and the system wide needs, and are classified into various requirements including local generation, transmission management, non-modeled transmission outages, ramping and intertie emergency assistance. Whenever the ISO issues an exceptional dispatch instruction, these instructions are logged by the operators into the scheduling and logging system (SLIC), including an associated reason for each exceptional dispatch instruction.

In October 2012, the ISO issued exceptional dispatches for the following local area generation requirement: (1) 7630, SCE area generation requirements; and (2) 7810, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 6610, Lugo-Victorville 500 kV Line and Sylmar Transformer Banks Operation; (3) 7110, transmission facilities in Humboldt area; (4) 7320, transmission facilities in Bay Area; (5) 7430, transmission facilities in Fresno area; (6) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (7) 7830, Management of outages of both SONGS Units #2 and #3 for Summer operation; (8) 8710, Hoodoo Wash-N.Gila 500 kV line flow mitigation; and (9) other transmission outages in PG&E, SCE and SDG&E area.

Most of the generation procedures are internal to the ISO and not available publicly on the ISO website; however, all of the transmission procedures are available on the ISO website.<sup>1</sup>

The following additional reasons for exceptional dispatch instructions in October 2012 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System (“ADS”) failure, or similar issues; and (2) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures. There were a few other reasons used to explain exceptional dispatch instructions in October, which are self explanatory.

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.<sup>2</sup> This table contains all the information published in Table 1 of the first report for October. In addition, it contains volume (MWh) and cost information. Each entry in Table 1 is a summary of exceptional dispatches classified by (1) the reason for the exceptional dispatch; (2) the

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<sup>1</sup> A list of all of the ISO’s Operating Procedures and all the publicly available Operating Procedures are available at the following link:

<http://www.caiso.com/thegrid/operations/opsdoc/index.html>

<sup>2</sup> The data in Table 1 is principally SLIC information supplemented with data from the Market Quality System (MQS) and Settlements database. The volume and cost information is based on t+51B Recalculation Statements.

location of the resource by Participating Transmission Owner (PTO) service area; (3) the Local Reliability Area (LRA) where applicable; (4) the market in which the exceptional dispatch occurred (day-ahead vs. real-time); and (5) the date of the exceptional dispatch. For each classification the following information is provided: (1) Megawatts (MW); (2) Commitment; (3) Inc or Dec; (4) Hours; (5) Begin Time; (6) End Time; (7) Total Volume (MWh); (8) Min Load Cost; (9) Start Up Cost; (10) CC6470; (11) ED Volume (MWh INC/DEC); (12) CC6470 INC; (13) CC6470 DEC; (14) CC6482; (15) CC6488; and (16) CC6620. Each column is defined as follows:

- The MW column shows the range of exceptional dispatch instruction in MW for the classification.
- The Commitment column specifies if there was a unit commitment for the classification.
- The INC/DEC/NA column specifies if there was an incremental dispatch (INC), a decremental dispatch (DEC), or only a unit commitment (NA). The Begin Time and End Time columns show the start and end time of exceptional dispatch for the classification respectively.
- The Hours column is the time difference between begin time and end time rounded up to the next hour.
- The total volume column shows the total MWh dispatch quantity dispatched for that classification. This quantity includes the minimum load quantity, the imbalance energy quantity, and the exceptional dispatch quantity.
- The Min-Load Cost column shows eligible minimum load cost for the classification.
- The Start-Up Cost column shows the eligible start up cost for the classification. Please note that the ISO does not explicitly pay resources for its start up and minimum load costs; however, it ensures that resources are compensated adequately through its bid cost recovery process.<sup>3</sup>
- The CC6470 column shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.
- The ED Volume MWh (MWh INC/DEC) column shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction which is settled at the resource specific LMP.
- The CC6470-DEC column shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both

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<sup>3</sup> For further details regarding the Bid Cost Recovery process please refer to section 11.8 of the ISO tariff.

these charge codes are portion of the real-time instructed imbalance energy charge code (6470).<sup>4</sup>

- The CC6482 column shows the real-time excess cost for the classification.<sup>5</sup>
- The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.<sup>6</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge codes pertain to real-time exceptional dispatch MWH quantities. The classification of data is further explained by way of example in Attachment A. There is no Capacity Procurement Mechanism (CPM) designation issued on Exceptional Dispatch for October 2012.

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<sup>4</sup> For further details please refer to the BPM configuration Guide: Real-Time Instructed Imbalance Energy Settlement published on the ISO's website.

<sup>5</sup> For further details please refer to the BPM configuration Guide: Real Time Excess Cost for Instructed Energy Settlement published on the ISO's website.

<sup>6</sup> For further details please refer to the BPM configuration Guide: Real Time Exceptional Dispatch Uplift Settlement published on the ISO's website.

**Table 1: Exceptional Dispatches in October 2012**

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
January 30, 2013**

**Chart 2: Table of Exceptional Dispatches for Period 01/October/2012 - 31/October/2012**

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	6510	SCE	Big Creek-Ventura	1-Oct-12	180- 250	Yes	DEC	9	11:30	19:59	68.85	\$0	\$0	(\$37,958)	0	\$0	\$0	\$0	\$0	\$0
2	RT	6510	SCE	Big Creek-Ventura	1-Oct-12	100- 200	Yes	INC	13	11:30	23:59	589.16	\$22,317	\$0	(\$18,579)	157	(\$5,382)	\$0	\$0	\$0	\$0
3	RT	6510	SCE	Big Creek-Ventura	2-Oct-12	80- 461	Yes	DEC	12	10:55	21:59	-28.51	\$0	\$0	\$985	0	\$0	\$0	\$0	\$0	\$0
4	RT	6510	SCE	Big Creek-Ventura	2-Oct-12	25- 100	Yes	INC	22	0:00	21:59	1240.66	\$69,060	\$0	(\$27,627)	33	(\$1,397)	\$0	\$0	\$0	\$0
5	RT	6510	SCE	Big Creek-Ventura	3-Oct-12	100- 400	Yes	INC	18	6:00	23:59	12395.66	\$368,019	\$0	(\$471,999)	8297	(\$328,575)	\$0	\$0	\$0	\$0
6	RT	6510	SCE	Big Creek-Ventura	17-Oct-12	71- 151	Yes	DEC	14	7:00	20:59	-109.22	\$0	\$0	\$344	46	(\$1,498)	\$0	\$0	(\$376)	\$0
7	RT	6510	SCE	Big Creek-Ventura	17-Oct-12	30	Yes	INC	14	7:00	20:59	53.97	\$0	\$0	(\$2,293)	53	(\$2,274)	\$0	\$0	\$0	\$0
8	RT	6510	SCE	Big Creek-Ventura	19-Oct-12	71- 121	Yes	DEC	13	9:35	21:59	-76.72	\$0	\$0	(\$17,152)	0	\$0	\$0	\$0	\$0	\$0
9	RT	6510	SCE	Big Creek-Ventura	19-Oct-12	100	Yes	INC	13	9:35	21:59	625.22	\$0	\$0	(\$23,372)	438	(\$17,885)	\$0	\$0	\$0	\$0
10	RT	6510	SCE	Big Creek-Ventura	20-Oct-12	50	Yes	INC	7	8:10	14:59	357.38	\$0	\$0	(\$10,931)	214	(\$8,812)	\$0	\$0	\$0	\$0
11	RT	6510	SCE	Big Creek-Ventura	26-Oct-12	50	Yes	INC	6	16:10	21:59	287.81	\$0	\$0	(\$11,581)	171	(\$7,270)	\$0	\$0	\$0	\$0
12	RT	6510	SCE	Big Creek-Ventura	31-Oct-12	75	Yes	INC	6	16:00	21:59	447.86	\$0	\$0	(\$21,579)	328	(\$18,157)	\$0	\$0	\$0	\$0
13	RT	6510	SCE	LA Basin	1-Oct-12	159- 258	No	DEC	15	7:00	21:59	-1769.68	\$0	\$0	\$70,525	0	\$0	\$0	\$0	\$0	\$0
14	RT	6510	SCE	LA Basin	1-Oct-12	50- 700	Yes	INC	18	6:00	23:59	20181.68	\$627,747	\$0	(\$3,301,159)	14181	(\$1,430,076)	\$0	(\$10)	\$0	\$0
15	RT	6510	SCE	LA Basin	2-Oct-12	60- 346	No	DEC	14	6:15	19:59	-1099.23	\$0	\$0	\$41,637	0	\$0	\$0	\$0	\$0	\$0
16	RT	6510	SCE	LA Basin	2-Oct-12	200- 920	Yes	INC	24	0:00	23:59	21020.74	\$838,500	\$0	(\$845,705)	12749	(\$553,029)	\$0	\$0	\$0	\$0
17	RT	6510	SCE	LA Basin	3-Oct-12	43-1394	No	DEC	16	6:00	21:59	-1815.93	\$0	\$0	\$71,476	0	\$0	\$0	\$0	\$0	\$0
18	RT	6510	SCE	LA Basin	3-Oct-12	130-1082	Yes	INC	24	0:00	23:59	16255.21	\$613,325	\$0	(\$642,946)	8838	(\$379,232)	\$0	(\$0)	\$0	\$0
19	RT	6510	SCE	LA Basin	4-Oct-12	8- 704	No	DEC	12	9:00	20:59	-5437.27	\$0	\$0	\$144,877	0	\$0	\$0	\$0	\$0	\$0
20	RT	6510	SCE	LA Basin	4-Oct-12	90- 882	Yes	INC	24	0:00	23:59	9961.41	\$412,042	\$0	(\$380,227)	6428	(\$277,945)	\$0	(\$7)	\$0	\$0
21	RT	6510	SCE	LA Basin	5-Oct-12	88- 543	No	DEC	12	9:00	20:59	-3939.00	\$0	\$0	\$107,673	0	\$0	\$0	\$0	\$0	\$0
22	RT	6510	SCE	LA Basin	5-Oct-12	50- 652	Yes	INC	24	0:00	23:59	5060.49	\$228,726	\$0	(\$190,306)	3148	(\$134,992)	\$0	(\$3)	\$0	\$0



Department of Market Analysis and Development – California ISO

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
23	RT	6510	SCE	LA Basin	6-Oct-12	146- 543	No	DEC	11	10:00	20:59	-1248.17	\$0	\$0	\$35,037	0	\$0	\$0	\$0	\$0	\$0
24	RT	6510	SCE	LA Basin	6-Oct-12	52- 340	No	INC	11	10:00	20:59	1679.18	\$0	\$0	(\$68,643)	1665	(\$68,336)	\$0	\$0	\$0	\$0
25	RT	6510	SCE	LA Basin	7-Oct-12	348- 543	No	DEC	13	8:15	20:59	-764.14	\$0	\$0	\$25,984	0	\$0	\$0	\$0	\$0	\$0
26	RT	6510	SCE	LA Basin	7-Oct-12	222- 510	No	INC	13	8:15	20:59	3820.54	\$0	\$0	(\$162,683 )	3781	(\$160,542)	\$0	\$0	\$0	\$0
27	RT	6510	SCE	LA Basin	8-Oct-12	224- 234	No	DEC	15	6:00	20:59	-238.67	\$0	\$0	\$11,204	0	\$0	\$0	\$0	\$0	\$0
28	RT	6510	SCE	LA Basin	8-Oct-12	25- 510	No	INC	15	6:00	20:59	5196.58	\$0	\$0	(\$294,601 )	5077	(\$248,757)	\$0	\$0	\$0	\$0
29	RT	6510	SCE	LA Basin	10-Oct-12	38- 383	Yes	DEC	12	8:20	19:59	-2079.99	\$0	\$0	\$67,308	-59	\$0	\$2,210	\$0	\$0	\$0
30	RT	6510	SCE	LA Basin	10-Oct-12	185- 370	No	INC	12	8:20	19:59	3459.90	\$0	\$0	(\$266,667 )	3352	(\$194,063)	\$0	\$0	\$0	\$0
31	RT	6510	SCE	LA Basin	11-Oct-12	12- 182	No	DEC	13	8:30	20:59	-106.77	\$0	\$0	\$8,597	0	\$0	\$0	\$0	\$0	\$0
32	RT	6510	SCE	LA Basin	11-Oct-12	240- 406	No	INC	13	8:30	20:59	3095.70	\$0	\$0	(\$198,675 )	2221	(\$141,690)	\$0	\$0	\$0	\$0
33	RT	6510	SCE	LA Basin	12-Oct-12	20- 360	Yes	INC	22	2:00	23:59	7575.45	\$109,372	\$0	(\$471,488 )	6566	(\$327,816)	\$0	(\$57)	\$0	\$0
34	RT	6510	SCE	LA Basin	17-Oct-12	19- 930	No	DEC	16	6:50	21:59	-2162.43	\$0	\$0	\$66,296	-253	\$0	\$9,980	\$0	\$0	\$0
35	RT	6510	SCE	LA Basin	17-Oct-12	21- 270	No	INC	16	6:50	21:59	1188.31	\$0	\$0	(\$52,995)	1160	(\$51,994)	\$0	\$0	\$0	\$0
36	RT	6510	SCE	LA Basin	18-Oct-12	15- 460	Yes	DEC	14	7:10	20:59	-426.50	\$0	\$0	\$4,067	0	\$0	\$0	\$0	\$0	\$0
37	RT	6510	SCE	LA Basin	18-Oct-12	25- 125	Yes	INC	17	7:00	23:59	1185.97	\$53,112	\$6,811	(\$71,014)	89	(\$3,977)	\$0	\$0	\$0	\$0
38	RT	6510	SCE	LA Basin	19-Oct-12	160- 255	No	DEC	14	8:55	21:59	-461.88	\$0	\$0	\$5,936	0	\$0	\$0	\$0	\$0	\$0
39	RT	6510	SCE	LA Basin	19-Oct-12	260- 472	Yes	INC	14	8:55	21:59	4686.74	\$0	\$0	(\$185,717 )	3613	(\$160,214)	\$0	\$0	\$0	\$0
40	RT	6510	SCE	LA Basin	20-Oct-12	21- 87	No	DEC	11	9:00	19:59	-33.45	\$0	\$0	\$1,158	0	\$0	\$0	\$0	\$0	\$0
41	RT	6510	SCE	LA Basin	20-Oct-12	70- 240	No	INC	12	8:05	19:59	1120.54	\$0	\$0	(\$41,714)	871	(\$37,133)	\$0	\$0	\$0	\$0
42	RT	6510	SCE	LA Basin	21-Oct-12	11- 190	No	DEC	12	8:05	19:59	-190.74	\$0	\$0	\$5,227	0	\$0	\$0	\$0	\$0	\$0
43	RT	6510	SCE	LA Basin	21-Oct-12	66- 215	No	INC	12	8:05	19:59	1110.67	\$0	\$0	(\$46,584)	1091	(\$46,101)	\$0	\$0	\$0	\$0
44	RT	6510	SCE	LA Basin	22-Oct-12	261	Yes	INC	11	10:35	20:59	2553.58	\$0	\$0	(\$115,247 )	2074	(\$100,946)	\$0	\$0	\$0	\$0
45	RT	6510	SCE	LA Basin	23-Oct-12	261	No	INC	12	9:35	20:59	2814.67	\$0	\$0	(\$123,408 )	2291	(\$110,898)	\$0	\$0	\$0	\$0
46	RT	6510	SCE	LA Basin	24-Oct-12	190	No	INC	13	9:20	21:59	2239.40	\$0	\$0	(\$118,746 )	1970	(\$97,888)	\$0	\$0	\$0	\$0
47	RT	6510	SCE	LA Basin	25-Oct-12	71	Yes	INC	5	16:30	20:59	313.44	\$0	\$0	(\$12,399)	201	(\$8,804)	\$0	\$0	\$0	\$0
48	RT	6510	SCE	LA Basin	26-Oct-12	25- 142	Yes	INC	15	7:00	21:59	1998.28	\$124,396	\$9,322	(\$80,509)	1005	(\$43,499)	\$0	\$0	\$0	\$0
49	RT	6510	SCE	LA Basin	29-Oct-12	139- 249	No	DEC	5	16:30	20:59	-494.68	\$0	\$0	\$15,612	0	\$0	\$0	\$0	\$0	\$0
50	RT	6510	SCE	LA Basin	29-Oct-12	0	No	INC	5	16:45	20:59	234.24	\$0	\$0	(\$8,216)	0	\$0	\$0	\$0	\$0	\$0
51	RT	6510	SCE	LA Basin	31-Oct-12	71	No	INC	6	16:00	21:59	425.65	\$0	\$0	(\$19,183)	276	(\$15,383)	\$0	\$0	\$0	\$0
52	RT	6510	SCE	N/A	17-Oct-12	90- 130	Yes	DEC	16	6:45	21:59	-1147.61	\$0	\$0	\$49,273	0	\$0	\$0	\$0	\$0	\$0
53	RT	6510	SCE	N/A	17-Oct-12	100	Yes	INC	16	6:45	21:59	18.75	\$0	\$0	(\$525)	9	(\$276)	\$0	\$0	\$0	\$0
54	RT	6510	SCE	N/A	18-Oct-12	60- 130	Yes	DEC	15	7:10	21:59	105.53	\$0	\$0	(\$8,077)	0	\$0	\$0	\$0	\$0	\$0
55	RT	6510	SCE	N/A	18-Oct-12	100	Yes	INC	15	7:10	21:59	301.63	\$2,820	\$0	(\$16,918)	12	(\$492)	\$0	\$0	\$0	\$0
56	RT	6510	SDG&E	San Diego	2-Oct-12	63- 131	No	INC	16	6:30	21:59	-1771.44	\$0	\$0	\$55,388	-570	\$0	\$9,752	\$0	\$0	\$0
57	RT	6510	SDG&E	San Diego	3-Oct-12	60- 123	Yes	INC	24	0:00	23:59	2232.77	\$153,461	\$0	(\$94,312)	0	\$0	\$0	\$0	\$0	\$0
58	RT	6510	SDG&E	San Diego	4-Oct-12	80- 191	Yes	INC	24	0:00	23:59	3160.59	\$238,840	\$0	(\$70,764)	1	(\$18)	\$0	(\$16)	\$0	\$0

Department of Market Analysis and Development – California ISO

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
59	RT	6510	SDG&E	San Diego	5-Oct-12	40- 131	No	INC	24	0:00	23:59	3869.15	\$275,664	\$0	(\$98,055)	0	(\$3)	\$0	(\$4)	\$0	\$0
60	RT	6510	SDG&E	San Diego	6-Oct-12	131	No	INC	14	7:00	20:59	1834.00	\$123,836	\$0	(\$49,066)	0	\$0	\$0	\$0	\$0	\$0
61	RT	6510	SDG&E	San Diego	7-Oct-12	131	No	INC	14	7:00	20:59	2366.05	\$124,655	\$0	(\$93,641)	0	\$0	\$0	\$0	\$0	\$0
62	RT	6510	SDG&E	San Diego	8-Oct-12	131	No	INC	15	6:00	20:59	2581.14	\$132,849	\$0	(\$142,376)	0	\$0	\$0	\$0	\$0	\$0
63	RT	6510	SDG&E	San Diego	10-Oct-12	68	No	INC	8	12:00	19:59	571.00	\$34,323	\$0	(\$57,593)	0	(\$3)	\$0	\$0	\$0	\$0
64	RT	6510	SDG&E	San Diego	11-Oct-12	20- 68	No	INC	24	0:00	23:59	2813.78	\$167,627	\$0	(\$142,952)	8	(\$511)	\$0	(\$1)	\$0	\$0
65	RT	6510	SDG&E	San Diego	12-Oct-12	20- 68	No	INC	24	0:00	23:59	2969.43	\$174,689	\$0	(\$182,473)	0	(\$1)	\$0	(\$0)	\$0	\$0
66	RT	6510	SDG&E	San Diego	13-Oct-12	20- 68	No	INC	24	0:00	23:59	2865.97	\$154,374	\$0	(\$102,763)	0	(\$6)	\$0	\$0	\$0	\$0
67	RT	6510	SDG&E	San Diego	15-Oct-12	63	No	INC	1	10:45	10:55	2.89	\$727	\$0	(\$3,443)	2	(\$126)	\$0	\$0	\$0	\$0
68	RT	6510	SDG&E	San Diego	17-Oct-12	68	No	INC	14	7:00	20:59	-278.73	\$766	\$0	\$7,892	0	\$0	\$0	\$0	\$0	\$0
69	RT	6510	SDG&E	San Diego	18-Oct-12	131	No	INC	14	7:00	20:59	61.34	\$13,323	\$0	(\$39,217)	-41	(\$8)	\$553	\$0	\$0	\$0
70	RT	6510	SDG&E	San Diego	19-Oct-12	68- 131	No	INC	14	8:55	21:59	-792.62	\$5,681	\$0	\$24,620	-57	\$0	\$1,538	\$0	\$0	\$0
71	RT	6510	SDG&E	San Diego	22-Oct-12	63	No	INC	10	11:55	20:59	531.34	\$24,008	\$921	(\$14,875)	0	(\$6)	\$0	\$0	\$0	\$0
72	RT	6510	SDG&E	San Diego	23-Oct-12	131	No	INC	12	9:35	20:59	1415.88	\$96,613	\$8,898	(\$32,002)	0	(\$15)	\$0	\$0	\$0	\$0
73	RT	6510	SDG&E	San Diego	24-Oct-12	68	No	INC	13	9:20	21:59	861.02	\$55,984	\$0	(\$28,702)	0	(\$2)	\$0	\$0	\$0	\$0
74	RT	6510	SDG&E	San Diego	25-Oct-12	68	No	INC	5	16:25	20:59	379.61	\$20,273	\$0	(\$13,856)	0	(\$4)	\$0	\$0	\$0	\$0
75	RT	6510	SDG&E	San Diego	26-Oct-12	20- 131	No	INC	19	5:40	23:59	3443.92	\$139,356	\$10,382	(\$325,670)	-121	(\$15)	\$0	(\$0)	\$0	\$0
76	RT	6510	SDG&E	San Diego	27-Oct-12	131	No	INC	12	9:10	20:59	1899.50	\$102,774	\$0	(\$69,583)	0	(\$0)	\$0	(\$0)	\$0	\$0
77	RT	6510	SDG&E	San Diego	28-Oct-12	20- 286	No	INC	22	2:00	23:59	4840.41	\$155,461	\$7,020	(\$161,161)	0	(\$13)	\$0	(\$1)	\$0	\$0
78	RT	6510	SDG&E	San Diego	29-Oct-12	20- 68	No	INC	18	6:00	23:59	2053.02	\$127,417	\$0	(\$69,325)	0	(\$13)	\$0	(\$0)	\$0	\$0
79	RT	6610	SCE	Big Creek-Ventura	1-Oct-12	290	No	DEC	1	10:01	10:14	-92.28	\$0	\$0	\$1,838	-70	\$0	\$1,526	\$0	(\$648)	\$0
80	RT	6610	SCE	Big Creek-Ventura	14-Oct-12	54	Yes	INC	2	8:45	9:19	35.05	\$1,041	\$0	\$1,073	0	\$0	\$0	\$0	\$0	\$0
81	RT	6610	SCE	LA Basin	14-Oct-12	71	Yes	INC	5	17:05	21:59	880.55	\$0	\$0	(\$419,666)	137	(\$6,752)	\$0	\$0	\$0	\$0
82	RT	6610	SCE	LA Basin	18-Oct-12	450	No	INC	2	13:41	14:17	-165.67	\$4,014	\$0	\$12,834	-4	\$0	\$360	\$0	\$0	\$0
83	RT	6610	SCE	N/A	14-Oct-12	80- 200	Yes	INC	17	7:00	23:59	6910.57	\$105,433	\$0	(\$1,253,079)	511	(\$16,229)	\$0	(\$5,374)	\$0	\$0
84	RT	6610	SDG&E	San Diego	14-Oct-12	29	Yes	INC	2	8:45	9:19	18.53	\$1,135	\$76	(\$125)	0	\$0	\$0	\$0	\$0	\$0
85	RT	7110	PG&E	Humboldt	1-Oct-12	32	No	INC	7	14:26	20:59	-114.45	\$0	\$0	\$9,552	-36	\$0	\$523	\$0	(\$520)	\$0
86	RT	7110	PG&E	Humboldt	2-Oct-12	29- 32	No	INC	8	15:12	22:14	-67.46	\$274	\$0	\$2,086	-45	(\$30)	\$1,504	\$0	(\$744)	\$0
87	RT	7110	PG&E	Humboldt	19-Oct-12	60	No	INC	6	18:41	23:59	320.86	\$11,005	\$0	(\$6,161)	60	(\$1,167)	\$0	\$0	(\$1,243)	\$0
88	RT	7110	PG&E	Humboldt	20-Oct-12	15- 30	No	INC	4	1:40	4:59	48.65	\$1,934	\$0	(\$1,114)	7	(\$161)	\$0	\$0	(\$128)	\$0
89	RT	7110	PG&E	Humboldt	31-Oct-12	30	No	INC	11	11:56	21:59	92.07	\$2,970	\$0	(\$2,760)	34	(\$1,030)	\$0	\$0	(\$553)	\$0
90	RT	7320	PG&E	Bay Area	3-Oct-12	20	Yes	INC	2	8:12	9:59	32.17	\$1,942	\$428	(\$935)	0	(\$0)	\$0	\$0	(\$0)	\$0
91	RT	7320	PG&E	Fresno	17-Oct-12	0	No	INC	6	16:40	21:59	20.33	\$0	\$0	(\$778)	0	\$0	\$0	\$0	\$0	\$0
92	RT	7430	PG&E	Fresno	3-Oct-12	72- 99	No	DEC	2	20:05	21:59	-235.24	\$0	\$0	\$6,905	0	\$0	\$0	\$0	\$0	\$0
93	RT	7430	PG&E	Fresno	3-Oct-12	83- 140	Yes	INC	2	21:20	22:59	194.29	\$8,618	\$0	(\$5,627)	63	(\$1,774)	\$0	\$0	(\$317)	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
94	RT	7430	PG&E	Fresno	11-Oct-12	0	No	INC	4	6:26	9:59	-40.50	\$0	\$0	\$986	0	\$0	\$0	\$0	\$0	\$0
95	RT	7430	PG&E	Fresno	16-Oct-12	10- 70	No	INC	4	2:13	5:59	390.29	\$0	\$0	(\$9,517)	358	(\$8,666)	\$0	\$0	(\$6,154)	\$0
96	RT	7430	PG&E	Fresno	18-Oct-12	10	No	DEC	8	14:41	21:59	-47.21	\$0	\$0	\$1,678	-42	\$0	\$1,497	\$0	(\$1,424)	\$0
97	RT	7430	PG&E	Fresno	18-Oct-12	10	No	INC	8	14:41	21:59	24.77	\$0	\$0	(\$880)	0	\$0	\$0	\$0	\$0	\$0
98	RT	7430	PG&E	Fresno	19-Oct-12	10- 20	No	DEC	13	9:30	21:59	-154.54	\$0	\$0	\$3,746	-116	\$0	\$2,765	\$0	(\$2,707)	\$0
99	RT	7430	PG&E	Fresno	19-Oct-12	10	No	INC	10	8:30	17:59	-19.62	\$0	\$0	\$595	0	\$0	\$0	\$0	\$0	\$0
100	RT	7430	PG&E	Fresno	20-Oct-12	20	Yes	DEC	11	9:30	19:59	-281.50	\$0	\$0	(\$4,956)	-31	\$0	\$667	\$0	(\$666)	\$0
101	RT	7430	PG&E	Fresno	20-Oct-12	0	Yes	INC	11	9:30	19:59	-4.28	\$0	\$0	\$88	0	\$0	\$0	\$0	\$0	\$0
102	RT	7430	PG&E	Fresno	24-Oct-12	10- 30	No	DEC	5	17:55	21:59	-78.24	\$0	\$0	\$2,572	-49	\$0	\$1,646	\$0	(\$1,631)	\$0
103	RT	7430	PG&E	Fresno	24-Oct-12	20	No	INC	14	8:25	21:59	-21.01	\$0	\$0	\$570	0	\$0	\$0	\$0	\$0	\$0
104	RT	7430	PG&E	Fresno	25-Oct-12	20	Yes	DEC	13	7:20	19:59	-42.73	\$0	\$0	\$1,396	-38	\$0	\$1,243	\$0	(\$1,226)	\$0
105	RT	7430	PG&E	Fresno	25-Oct-12	25	Yes	INC	13	7:20	19:59	-24.81	\$0	\$0	\$716	0	\$0	\$0	\$0	\$0	\$0
106	RT	7630	SCE	LA Basin	22-Oct-12	0	Yes	DEC	6	14:10	19:59	1.81	\$0	\$0	(\$47)	0	\$0	\$0	\$0	\$0	\$0
107	RT	7630	SCE	LA Basin	22-Oct-12	47	Yes	INC	6	14:10	19:59	177.86	\$8,385	\$0	(\$4,570)	0	(\$1)	\$0	\$0	(\$0)	\$0
108	RT	7630	SCE	LA Basin	23-Oct-12	0	Yes	DEC	7	14:10	20:59	7.37	\$0	\$0	(\$145)	0	\$0	\$0	\$0	\$0	\$0
109	RT	7630	SCE	LA Basin	23-Oct-12	47	Yes	INC	8	14:10	21:59	142.67	\$4,010	\$0	(\$3,737)	0	(\$1)	\$0	\$0	(\$0)	\$0
110	RT	7720	SCE	LA Basin	14-Oct-12	47	Yes	DEC	2	12:15	13:14	-13.71	\$0	\$0	\$493	-10	\$0	\$348	\$0	\$0	\$0
111	RT	7720	SCE	LA Basin	14-Oct-12	0	Yes	INC	2	12:15	13:14	-1.96	\$0	\$0	\$76	0	\$0	\$0	\$0	\$0	\$0
112	RT	7720	SCE	N/A	1-Oct-12	135- 279	No	DEC	13	11:13	23:09	-2732.55	\$0	\$0	\$260,654	-2323	\$0	\$248,440	\$0	(\$215,088)	\$0
113	RT	7720	SCE	N/A	2-Oct-12	112- 237	No	DEC	17	7:24	23:59	-7149.05	\$0	\$0	\$247,382	-6002	\$0	\$216,725	\$0	(\$64,014)	\$0
114	RT	7720	SCE	N/A	3-Oct-12	10- 171	No	DEC	19	4:10	22:59	-3062.25	\$0	\$0	\$102,610	-2724	\$0	\$94,176	\$0	(\$87,234)	\$0
115	RT	7720	SCE	N/A	3-Oct-12	68	No	INC	6	4:10	9:59	-1.27	\$0	\$0	\$33	0	\$0	\$0	\$0	\$0	\$0
116	RT	7720	SCE	N/A	4-Oct-12	37- 113	No	DEC	9	13:29	21:59	-1115.39	\$0	\$0	\$28,092	-1063	\$0	\$24,658	\$0	(\$25,757)	\$0
117	RT	7720	SCE	N/A	4-Oct-12	1	No	INC	2	12:55	13:59	-31.28	\$0	\$0	\$743	-46	\$0	(\$933)	\$0	(\$657)	\$0
118	RT	7720	SCE	N/A	5-Oct-12	112- 171	Yes	DEC	8	12:16	19:59	-987.34	\$0	\$0	\$23,553	-954	\$0	\$22,635	\$0	(\$23,722)	\$0
119	RT	7720	SCE	N/A	5-Oct-12	1- 23	Yes	INC	5	8:25	12:59	-39.01	\$0	\$0	\$1,164	-70	\$0	\$2,071	\$0	(\$1,752)	\$0
120	RT	7720	SCE	N/A	6-Oct-12	1- 123	Yes	DEC	13	9:20	21:59	-998.54	\$0	\$0	\$24,729	-335	\$0	\$8,615	\$0	(\$6,139)	\$0
121	RT	7720	SCE	N/A	7-Oct-12	58- 213	Yes	DEC	13	9:25	21:59	-2052.32	\$0	\$0	\$72,061	-1940	\$0	\$68,373	\$0	(\$52,481)	\$0
122	RT	7720	SCE	N/A	8-Oct-12	38- 172	No	DEC	17	6:20	22:59	-2360.27	\$0	\$0	\$89,698	-2158	\$0	\$87,290	\$0	(\$77,825)	\$0
123	RT	7720	SCE	N/A	9-Oct-12	16- 178	Yes	DEC	18	5:35	22:59	-2050.17	\$0	\$0	\$53,707	-1815	\$0	\$52,978	\$0	(\$44,297)	\$0
124	RT	7720	SCE	N/A	9-Oct-12	240	Yes	INC	18	5:35	22:59	914.20	\$20,582	\$0	(\$30,628)	0	\$0	\$0	\$0	\$0	\$0
125	RT	7720	SCE	N/A	14-Oct-12	58- 209	No	DEC	14	9:30	22:59	-2223.33	\$0	\$0	\$231,654	-2015	\$0	\$232,053	\$0	(\$217,792)	\$0
126	RT	7720	SCE	N/A	16-Oct-12	170- 176	No	DEC	11	13:14	23:59	-1884.06	\$0	\$0	\$43,213	-1577	\$0	\$38,104	\$0	(\$33,534)	\$0
127	RT	7720	SCE	N/A	17-Oct-12	74- 232	No	DEC	24	0:00	23:59	-6132.85	\$0	\$0	\$117,233	-5663	\$0	\$112,000	\$0	(\$146,673)	\$0
128	RT	7720	SCE	N/A	18-Oct-12	92- 171	No	DEC	18	6:20	23:59	-2025.49	\$0	\$0	\$32,307	-1935	\$0	\$29,396	\$0	(\$54,77)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
																				6)	
129	RT	7720	SCE	N/A	19-Oct-12	59- 236	No	DEC	13	9:55	21:59	-1972.95	\$0	\$0	\$9,011	-1267	\$0	(\$6,298)	\$0	(\$16,859)	\$0
130	RT	7720	SCE	N/A	19-Oct-12	0	No	INC	2	9:55	10:59	-2.42	\$0	\$0	\$59	0	\$0	\$0	\$0	\$0	\$0
131	RT	7720	SCE	N/A	26-Oct-12	1- 28	Yes	DEC	18	6:36	23:24	-717.93	\$0	\$0	\$23,702	-43	\$0	\$1,633	\$0	(\$178)	\$0
132	RT	7720	SCE	N/A	26-Oct-12	68	Yes	INC	18	6:36	23:59	-34.77	\$0	\$0	\$1,299	0	\$0	\$9	\$0	(\$0)	\$0
133	RT	7810	SDG&E	San Diego	23-Oct-12	20	No	INC	22	2:00	23:59	901.62	\$68,186	\$0	(\$20,392)	0	(\$8)	\$0	\$0	\$0	\$0
134	RT	7830	SDG&E	San Diego	1-Oct-12	210	Yes	DEC	4	16:00	19:59	-666.66	\$0	\$0	\$95,689	-656	\$0	\$106,455	\$0	(\$72,591)	\$0
135	RT	7830	SDG&E	San Diego	1-Oct-12	131- 243	No	INC	16	6:00	21:59	-2414.42	\$4,598	\$0	\$91,915	-465	\$0	\$17,106	\$0	(\$1,183)	\$0
136	RT	8710	SDG&E	N/A	15-Oct-12	69- 169	No	DEC	10	14:30	23:59	-1994.85	\$0	\$0	\$88,768	-1922	\$0	\$85,796	\$0	(\$50,885)	\$0
137	RT	8710	SDG&E	N/A	15-Oct-12	310	No	INC	3	10:20	12:59	-816.77	\$0	\$0	\$74,802	-816	\$0	\$74,749	\$0	(\$61,604)	\$0
138	RT	8710	SDG&E	San Diego	26-Oct-12	20	No	INC	10	0:00	9:59	711.33	\$30,001	\$0	(\$28,560)	0	(\$4)	\$0	(\$0)	\$0	\$0
139	RT	Bridging Schedules	PG&E	Bay Area	16-Oct-12	45	Yes	INC	3	21:00	23:59	142.87	\$8,397	\$0	(\$4,138)	0	\$0	\$0	\$0	\$0	\$0
140	RT	Bridging Schedules	PG&E	Bay Area	17-Oct-12	45	Yes	INC	2	22:00	23:59	117.33	\$5,598	\$0	(\$4,507)	0	(\$1)	\$0	\$0	\$0	\$0
141	RT	Bridging Schedules	PG&E	Bay Area	18-Oct-12	45	Yes	INC	3	21:00	23:59	154.84	\$8,397	\$0	(\$5,417)	0	\$0	\$0	\$0	\$0	\$0
142	RT	Bridging Schedules	PG&E	Bay Area	23-Oct-12	45	Yes	INC	2	22:00	23:59	90.00	\$5,598	\$0	(\$2,426)	0	\$0	\$0	\$0	\$0	\$0
143	RT	Bridging Schedules	PG&E	Bay Area	24-Oct-12	45	Yes	INC	9	15:00	23:59	109.84	\$8,866	\$0	(\$3,744)	0	(\$1)	\$0	\$0	\$0	\$0
144	RT	Bridging Schedules	SCE	LA Basin	14-Oct-12	40	Yes	INC	1	23:00	23:59	103.84	\$0	\$0	(\$3,790)	0	\$0	\$0	\$0	\$0	\$0
145	RT	Bridging Schedules	SCE	LA Basin	15-Oct-12	20	No	INC	2	22:00	23:59	177.63	\$0	\$0	(\$29,912)	0	(\$1)	\$0	\$0	\$0	\$0
146	RT	Bridging Schedules	SCE	LA Basin	16-Oct-12	20- 40	Yes	INC	2	22:00	23:59	78.63	\$0	\$0	(\$2,289)	0	\$0	\$0	\$0	\$0	\$0
147	RT	Bridging Schedules	SCE	LA Basin	17-Oct-12	40	No	INC	3	21:00	23:59	186.47	\$0	\$0	(\$6,699)	0	(\$2)	\$0	\$0	\$0	\$0
148	RT	Bridging Schedules	SCE	LA Basin	18-Oct-12	40	Yes	INC	3	21:00	23:59	177.03	\$7,109	\$0	(\$6,573)	0	\$0	\$0	\$0	\$0	\$0
149	RT	Bridging Schedules	SCE	LA Basin	23-Oct-12	20- 40	Yes	INC	2	22:00	23:59	60.00	\$7,109	\$0	(\$1,640)	0	\$0	\$0	\$0	\$0	\$0
150	RT	Bridging Schedules	SCE	LA Basin	28-Oct-12	20	No	INC	1	23:00	23:59	19.17	\$0	\$0	(\$599)	0	\$0	\$0	\$0	\$0	\$0
151	RT	Bridging Schedules	SDG&E	San Diego	1-Oct-12	60	Yes	INC	3	21:00	23:59	171.37	\$13,431	\$0	(\$5,107)	0	\$0	\$0	\$0	\$0	\$0
152	RT	Bridging Schedules	SDG&E	San Diego	2-Oct-12	60	Yes	INC	4	20:00	23:59	260.12	\$17,909	\$0	(\$8,295)	0	\$0	\$0	\$0	\$0	\$0
153	RT	Bridging Schedules	SDG&E	San Diego	4-Oct-12	20	No	INC	5	19:00	23:59	207.21	\$15,001	\$0	(\$6,222)	0	(\$1)	\$0	\$0	\$0	\$0
154	RT	Bridging Schedules	SDG&E	San Diego	9-Oct-12	20- 40	No	INC	16	0:00	15:59	632.26	\$65,435	\$0	(\$19,187)	0	(\$1)	\$0	\$0	\$0	\$0
155	RT	Bridging Schedules	SDG&E	San Diego	14-Oct-12	20	No	INC	1	17:50	17:59	15.24	\$0	\$0	(\$15,196)	0	\$0	\$0	\$0	\$0	\$0
156	RT	Bridging Schedules	SDG&E	San Diego	15-Oct-12	20- 40	Yes	INC	4	20:00	23:59	126.67	\$5,872	\$0	(\$10,604)	0	(\$2)	\$0	\$0	\$0	\$0
157	RT	Bridging Schedules	SDG&E	San Diego	16-Oct-12	40	Yes	INC	6	18:00	23:59	316.84	\$17,836	\$0	(\$13,411)	0	\$0	\$0	\$0	\$0	\$0
158	RT	Bridging Schedules	SDG&E	San Diego	17-Oct-12	20- 60	Yes	INC	6	18:00	23:59	361.26	\$22,422	\$0	(\$19,893)	0	(\$6)	\$0	\$0	\$0	\$0
159	RT	COI Mitigation	PG&E	N/A	3-Oct-12	52	No	INC	7	17:10	23:59	-276.89	\$3,496	\$0	\$10,564	0	(\$0)	\$0	(\$0)	\$0	\$0
160	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	18-Oct-12	45	Yes	INC	17	7:00	23:59	1327.40	\$75,361	\$15,224	(\$65,581)	0	\$0	\$0	\$0	\$0	\$0
161	RT	Conditions beyond control of the CAISO BA	PG&E	N/A	4-Oct-12	52	No	INC	24	0:00	23:59	172.00	\$6,443	\$0	(\$3,981)	0	\$0	\$0	\$0	\$0	\$0
162	RT	Conditions beyond control of the CAISO BA	PG&E	N/A	5-Oct-12	52	No	INC	24	0:00	23:59	1346.99	\$92,179	\$0	(\$31,681)	0	(\$5)	\$0	(\$2)	\$0	\$0
163	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	6-Oct-12	25	Yes	INC	24	0:00	23:59	35.43	\$4,306	\$0	(\$982)	0	(\$0)	\$0	(\$0)	\$0	\$0
164	RT	Conditions beyond control of the	SCE	LA Basin	18-Oct-12	25	Yes	INC	16	8:00	23:59	587.21	\$51,668	\$6,770	(\$33,986)	0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commi tment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
		CAISO BA																			
165	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	23-Oct-12	49- 51	Yes	DEC	3	13:10	15:59	-170.29	\$0	\$0	\$2,848	-51	\$0	\$912	\$0	\$0	\$0
166	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	23-Oct-12	150	Yes	INC	3	13:01	15:59	-851.53	\$0	\$0	\$13,838	-513	\$0	\$7,744	\$0	\$0	\$0
167	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	26-Oct-12	150	No	INC	10	8:56	17:59	3069.79	\$0	\$0	(\$287,267 )	0	\$0	\$0	\$0	\$0	\$0
168	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	27-Oct-12	117	Yes	INC	17	7:00	23:59	2044.59	\$68,740	\$12,113	(\$33,830)	0	\$0	\$0	\$0	\$0	\$0
169	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	6-Oct-12	40	No	INC	24	0:00	23:59	2257.07	\$165,611	\$0	(\$61,018)	0	(\$5)	\$0	(\$2)	\$0	\$0
170	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	7-Oct-12	40	No	INC	24	0:00	23:59	2865.45	\$169,297	\$0	(\$108,497 )	0	(\$5)	\$0	(\$2)	\$0	\$0
171	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	8-Oct-12	40	No	INC	24	0:00	23:59	3068.20	\$174,120	\$0	(\$156,232 )	0	\$0	\$0	\$0	\$0	\$0
172	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	10-Oct-12	20	No	INC	21	3:00	23:59	890.16	\$64,395	\$0	(\$67,183)	0	(\$7)	\$0	(\$1)	\$0	\$0
173	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	23-Oct-12	525- 600	No	INC	4	12:51	15:59	223.54	\$25,587	\$0	(\$4,136)	143	(\$2,692)	\$0	(\$2,116)	\$0	\$0
174	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	25-Oct-12	20	No	INC	24	0:00	23:59	982.97	\$66,104	\$0	(\$34,310)	0	(\$8)	\$0	(\$2)	\$0	\$0
175	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	27-Oct-12	20- 40	No	INC	23	1:00	23:59	2198.51	\$134,728	\$0	(\$77,533)	0	(\$5)	\$0	(\$2)	\$0	\$0
176	RT	Contingency	Intertie	N/A	19-Oct-12	340	No	INC	1	22:10	22:21	48.67	\$0	\$0	(\$1,370)	0	\$0	\$0	\$0	\$0	\$0
177	RT	Contingency	PG&E	Fresno	11-Oct-12	400	Yes	INC	1	12:13	12:16	28.55	\$1,674	\$91	(\$19,700)	0	\$0	\$0	\$0	\$0	\$0
178	RT	Market Disruption	Intertie	N/A	29-Oct-12	152	No	INC	1	8:00	8:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
179	RT	Market Disruption	Intertie	N/A	30-Oct-12	121	Yes	INC	1	12:00	12:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
180	RT	Path 15	PG&E	Bay Area	25-Oct-12	45	Yes	INC	24	0:00	23:59	1408.36	\$106,392	\$0	(\$69,942)	0	(\$7)	\$0	\$0	(\$2)	\$0
181	RT	Reverse Commitment Instruction	SCE	LA Basin	13-Oct-12	0	Yes	INC	2	11:48	12:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
182	RT	Reverse Commitment Instruction	SCE	LA Basin	14-Oct-12	46	Yes	INC	5	8:45	12:29	48.97	\$733	\$88	(\$6,954)	0	\$0	\$0	\$0	\$0	\$0
183	RT	SCE SOB 204	SCE	Big Creek-Ventura	1-Oct-12	15- 150	No	INC	14	10:12	23:59	2542.06	\$0	\$0	(\$506,332 )	2027	(\$130,312)	\$0	\$0	(\$2,482)	\$0
184	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Oct-12	10	No	DEC	6	0:00	5:29	129.75	\$0	\$0	(\$2,556)	38	(\$1,062)	\$0	\$0	(\$199)	\$0
185	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Oct-12	45	No	INC	24	0:10	23:59	176.68	\$0	\$0	(\$4,821)	118	(\$3,396)	\$0	\$0	(\$513)	\$0
186	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Oct-12	15- 108	No	INC	18	5:55	22:59	1554.75	\$0	\$0	(\$55,941)	1501	(\$53,665)	\$0	\$0	(\$4,093)	\$0
187	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Oct-12	18- 148	No	INC	18	5:20	22:59	2223.10	\$0	\$0	(\$29,915)	2196	(\$28,434)	\$0	\$0	(\$46,055)	\$0
188	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Oct-12	3- 78	No	INC	17	5:15	21:59	332.10	\$0	\$0	(\$9,767)	331	(\$9,781)	\$0	\$0	(\$1,665)	\$0
189	RT	SP26 Capacity	SCE	LA Basin	9-Oct-12	20	Yes	INC	1	23:00	23:59	19.17	\$1,968	\$23,599	(\$493)	0	(\$0)	\$0	\$0	(\$0)	\$0
190	RT	Software Limitation	PG&E	Bay Area	1-Oct-12	45- 250	No	DEC	4	8:00	11:59	-588.12	\$0	\$0	\$9,145	-358	\$0	\$2,472	\$0	\$0	\$0
191	RT	Software Limitation	PG&E	Fresno	4-Oct-12	160	No	INC	2	1:27	2:59	3.12	\$0	\$0	(\$97)	0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commi tment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
192	RT	Software Limitation	PG&E	Fresno	12-Oct-12	0	Yes	INC	1	3:10	3:59	-13.50	\$0	\$0	\$508	0	\$0	\$0	\$0	\$0	\$0
193	RT	Software Limitation	PG&E	Fresno	13-Oct-12	0	Yes	INC	4	11:30	14:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
194	RT	Software Limitation	PG&E	Fresno	14-Oct-12	49	Yes	INC	15	8:45	22:59	31.86	\$389	\$6	(\$1,139)	0	\$0	\$0	\$0	\$0	\$0
195	RT	Software Limitation	PG&E	Fresno	16-Oct-12	20	No	INC	1	14:25	14:59	3.75	\$0	\$0	(\$219)	7	(\$283)	\$0	\$0	\$0	\$0
196	RT	Software Limitation	PG&E	Fresno	18-Oct-12	0	Yes	INC	1	3:11	3:59	0.00	\$0	\$0	\$76	0	\$0	\$0	\$0	\$0	\$0
197	RT	Software Limitation	PG&E	Fresno	19-Oct-12	160	No	DEC	1	13:00	13:29	-71.73	\$0	\$0	\$912	-44	\$0	\$0	\$0	\$0	\$0
198	RT	Software Limitation	PG&E	Fresno	28-Oct-12	0	No	INC	1	8:32	8:39	-27.00	\$0	\$0	\$747	0	\$0	\$0	\$0	\$0	\$0
199	RT	Software Limitation	PG&E	N/A	16-Oct-12	0	No	INC	1	23:13	23:19	15.31	\$408	\$0	(\$411)	0	\$0	\$0	\$0	\$0	\$0
200	RT	Software Limitation	SCE	Big Creek- Ventura	14-Oct-12	10	Yes	INC	10	0:30	9:19	6.63	\$658	\$18	\$204	0	\$0	\$0	\$0	\$0	\$0
201	RT	Software Limitation	SCE	LA Basin	4-Oct-12	0	Yes	INC	5	1:15	5:14	1.67	\$553	\$0	(\$47)	0	\$0	\$0	\$0	\$0	\$0
202	RT	Software Limitation	SCE	LA Basin	13-Oct-12	0	Yes	INC	11	13:45	23:59	3.91	\$0	\$0	(\$204)	0	\$0	\$0	\$0	\$0	\$0
203	RT	Software Limitation	SCE	LA Basin	14-Oct-12	53	Yes	INC	23	0:00	22:44	41.96	\$746	\$83	(\$1,105)	0	\$0	\$0	\$0	\$0	\$0
204	RT	Software Limitation	SCE	LA Basin	15-Oct-12	0	No	INC	15	5:45	19:44	1.67	\$0	\$0	(\$57)	0	\$0	\$0	\$0	\$0	\$0
205	RT	Software Limitation	SCE	LA Basin	17-Oct-12	0	Yes	INC	2	22:35	23:34	3.91	\$0	\$0	(\$173)	0	\$0	\$0	\$0	\$0	\$0
206	RT	Software Limitation	SCE	LA Basin	19-Oct-12	206	No	DEC	1	22:36	22:51	-100.53	\$0	\$0	\$1,742	0	\$0	\$0	\$0	\$0	\$0
207	RT	Software Limitation	SCE	LA Basin	23-Oct-12	0	Yes	INC	2	22:30	23:29	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
208	RT	Software Limitation	SCE	LA Basin	30-Oct-12	0	Yes	INC	2	19:25	20:24	3.91	\$0	\$0	(\$181)	0	\$0	\$0	\$0	\$0	\$0
209	RT	Software Limitation	SCE	LA Basin	31-Oct-12	0	Yes	INC	1	13:25	13:54	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
210	RT	Software Limitation	SCE	N/A	19-Oct-12	59	No	DEC	2	21:38	22:59	-57.58	\$0	\$0	\$628	-34	\$0	\$464	\$0	\$0	\$0
211	RT	Software Limitation	SDG&E	N/A	25-Oct-12	150- 250	No	INC	4	8:00	11:04	-1687.03	\$0	\$0	\$25,788	-990	\$0	\$7,618	\$0	\$0	\$0
212	RT	Software Limitation	SDG&E	N/A	27-Oct-12	373	No	INC	1	10:17	10:59	-113.63	\$0	\$0	\$1,912	-97	\$0	\$1,441	\$0	\$0	\$0
213	RT	Software Limitation	SDG&E	San Diego	14-Oct-12	33	Yes	INC	16	8:45	23:59	27.59	\$1,384	\$34	(\$202)	0	\$0	\$0	\$0	\$0	\$0
214	RT	Software Limitation	SDG&E	San Diego	15-Oct-12	0	Yes	INC	2	22:30	23:29	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
215	RT	Software Limitation	SDG&E	San Diego	18-Oct-12	0	No	INC	2	22:56	23:58	7.75	\$333	\$0	(\$234)	0	\$0	\$0	\$0	\$0	\$0
216	RT	Software Limitation	SDG&E	San Diego	19-Oct-12	20- 420	No	INC	2	21:42	22:59	59.73	\$2,906	\$0	(\$655)	0	\$0	\$0	\$0	\$0	\$0
217	RT	System Energy	Intertie	N/A	11-Oct-12	150- 246	Yes	INC	5	9:00	13:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
218	RT	System Energy	Intertie	N/A	12-Oct-12	275	Yes	INC	1	6:00	6:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
219	RT	System Energy	Intertie	N/A	30-Oct-12	0	Yes	INC	1	18:00	18:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
220	RT	Transmission Mitigation	PG&E	N/A	1-Oct-12	67- 112	No	DEC	2	22:42	23:59	-146.30	\$0	\$0	\$4,125	-125	\$0	\$3,533	\$0	(\$3,409)	\$0
221	RT	Transmission Mitigation	PG&E	N/A	2-Oct-12	62- 110	No	DEC	11	0:00	10:29	-719.60	\$0	\$0	\$17,544	-715	\$0	\$17,384	\$0	(\$17,384)	\$0
222	RT	Transmission Mitigation	SDG&E	San Diego	1-Oct-12	500	No	INC	4	15:35	18:59	-172.01	\$559	\$0	\$53,889	-172	\$0	\$54,064	\$0	(\$51,901)	\$0
223	RT	Transmission Outage Other	PG&E	Sierra	28-Oct-12	10- 30	No	DEC	10	8:00	17:59	-282.38	\$0	\$0	\$8,919	-273	\$0	\$8,574	\$0	(\$8,278)	\$0
224	RT	Transmission Outage PG&E	PG&E	Bay Area	7-Oct-12	139- 234	Yes	INC	6	17:04	22:59	690.51	\$17,684	\$788	(\$23,436)	359	(\$12,119)	\$0	\$0	(\$2,544)	\$0
225	RT	Transmission Outage PG&E	PG&E	Fresno	6-Oct-12	0	No	INC	2	22:00	23:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
226	RT	Transmission Outage PG&E	PG&E	Fresno	7-Oct-12	0	Yes	INC	7	0:00	6:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
227	RT	Transmission Outage PG&E	PG&E	Fresno	9-Oct-12	34- 194	Yes	DEC	12	7:37	18:44	-78.16	\$0	\$0	\$1,809	-2	\$0	\$65	\$0	(\$2)	\$0
228	RT	Transmission Outage PG&E	PG&E	Fresno	9-Oct-12	83- 166	Yes	INC	8	11:55	18:44	1151.72	\$34,565	\$1,381	(\$46,095)	0	(\$0)	\$0	\$0	(\$0)	\$0
229	RT	Transmission Outage PG&E	PG&E	Fresno	18-Oct-12	9	No	INC	1	23:39	23:59	6.12	\$0	\$0	(\$176)	5	(\$151)	\$0	\$0	(\$66)	\$0
230	RT	Transmission Outage PG&E	PG&E	Fresno	19-Oct-12	10- 88	No	INC	22	0:00	21:59	1241.26	\$21,795	\$245	(\$38,713)	237	(\$7,021)	\$0	\$0	(\$3,775)	\$0
231	RT	Transmission Outage PG&E	PG&E	Fresno	20-Oct-12	145	Yes	INC	16	1:25	16:59	465.68	\$0	\$0	(\$8,566)	441	(\$7,992)	\$0	\$0	(\$12,067)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commi tment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
232	RT	Transmission Outage PG&E	PG&E	Fresno	21-Oct-12	50	Yes	INC	5	7:10	11:59	200.32	\$0	\$0	(\$9,715)	200	(\$9,713)	\$0	\$0	\$0	\$0
233	RT	Transmission Outage PG&E	PG&E	Fresno	22-Oct-12	19	No	INC	10	5:05	14:59	117.21	\$0	\$0	(\$5,219)	118	(\$5,229)	\$0	\$0	(\$382)	\$0
234	RT	Transmission Outage PG&E	PG&E	Fresno	23-Oct-12	34	No	INC	11	0:07	10:59	65.17	\$0	\$0	(\$2,591)	109	(\$3,467)	\$0	\$0	(\$1,751)	\$0
235	RT	Transmission Outage PG&E	PG&E	Fresno	24-Oct-12	0	No	INC	5	3:20	7:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
236	RT	Transmission Outage PG&E	PG&E	Fresno	25-Oct-12	20	Yes	DEC	2	20:36	21:59	-10.40	\$0	\$0	\$387	-9	\$0	\$324	\$0	(\$269)	\$0
237	RT	Transmission Outage PG&E	PG&E	Fresno	25-Oct-12	50	Yes	INC	3	20:45	22:59	32.70	\$0	\$0	(\$1,317)	0	\$0	\$0	\$0	\$0	\$0
238	RT	Transmission Outage PG&E	PG&E	Fresno	31-Oct-12	25	No	INC	6	8:00	13:49	43.17	\$0	\$0	(\$1,280)	37	(\$1,100)	\$0	\$0	(\$2,164)	\$0
239	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Oct-12	30- 62	No	INC	10	14:28	23:59	-362.36	\$3,996	\$74	\$101,531	-413	(\$211)	\$92,611	\$0	(\$79,444)	\$0
240	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Oct-12	15- 73	No	INC	21	0:00	20:59	264.36	\$9,572	\$0	(\$10,351)	46	(\$1,725)	\$0	\$0	(\$205)	\$0
241	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Oct-12	16- 45	No	INC	3	6:00	8:29	5.85	\$945	\$0	(\$500)	-13	(\$376)	\$851	\$0	(\$686)	\$0
242	RT	Transmission Outage PG&E	PG&E	Humboldt	30-Oct-12	15- 45	No	INC	10	7:30	16:59	-289.90	\$0	\$0	\$10,158	-277	\$0	\$9,706	\$0	(\$382)	\$0
243	RT	Transmission Outage PG&E	PG&E	N/A	30-Oct-12	400- 550	No	INC	3	20:45	22:59	-194.64	\$0	\$0	\$4,926	-220	\$0	\$5,587	\$0	\$0	\$0
244	RT	Transmission Outage PG&E	PG&E	Sierra	2-Oct-12	21	No	DEC	10	12:12	21:59	-176.69	\$0	\$0	\$6,585	-174	\$0	\$6,488	\$0	(\$2,938)	\$0
245	RT	Transmission Outage PG&E	PG&E	Sierra	2-Oct-12	77	No	INC	10	12:50	21:59	-3.26	\$0	\$0	\$127	0	\$0	\$0	\$0	\$0	\$0
246	RT	Transmission Outage PG&E	PG&E	Sierra	3-Oct-12	20	No	DEC	8	13:35	20:59	-140.35	\$0	\$0	\$5,006	-140	\$0	\$4,994	\$0	(\$1,977)	\$0
247	RT	Transmission Outage PG&E	PG&E	Sierra	3-Oct-12	86	No	INC	3	21:10	23:59	0.79	\$0	\$0	(\$21)	0	\$0	\$0	\$0	\$0	\$0
248	RT	Transmission Outage PG&E	PG&E	Sierra	4-Oct-12	18	No	DEC	22	2:55	23:59	-98.54	\$0	\$0	\$2,480	-100	\$0	\$2,525	\$0	(\$487)	\$0
249	RT	Transmission Outage PG&E	PG&E	Sierra	4-Oct-12	51- 80	No	INC	22	2:55	23:59	-6.43	\$0	\$0	\$194	0	\$0	\$0	\$0	\$0	\$0
250	RT	Transmission Outage PG&E	PG&E	Sierra	5-Oct-12	20	Yes	DEC	6	15:20	20:59	-93.93	\$0	\$0	\$2,306	-92	\$0	\$2,249	\$0	(\$345)	\$0
251	RT	Transmission Outage PG&E	PG&E	Sierra	5-Oct-12	86	Yes	INC	5	16:15	20:59	1.54	\$0	\$0	(\$41)	0	\$0	\$0	\$0	\$0	\$0
252	RT	Transmission Outage PG&E	PG&E	Sierra	16-Oct-12	5- 34	No	DEC	6	16:23	21:59	-181.51	\$0	\$0	\$5,182	-133	\$0	\$4,101	\$0	(\$888)	\$0
253	RT	Transmission Outage PG&E	PG&E	Sierra	16-Oct-12	0- 18	No	INC	6	16:23	21:59	44.46	\$0	\$0	(\$1,351)	0	\$0	\$0	\$0	\$0	\$0
254	RT	Transmission Outage PG&E	PG&E	Sierra	18-Oct-12	16- 50	No	DEC	3	18:25	20:59	-48.28	\$0	\$0	\$1,709	-42	\$0	\$1,461	\$0	(\$561)	\$0
255	RT	Transmission Outage PG&E	PG&E	Sierra	18-Oct-12	0	No	INC	4	19:53	22:29	-1.38	\$0	\$0	\$47	0	\$0	\$0	\$0	\$0	\$0
256	RT	Transmission Outage PG&E	PG&E	Sierra	22-Oct-12	25	No	DEC	7	17:05	23:59	-174.54	\$0	\$0	\$5,206	-173	\$0	\$5,167	\$0	(\$2,817)	\$0
257	RT	Transmission Outage PG&E	PG&E	Sierra	24-Oct-12	10- 30	No	DEC	15	7:37	21:59	-447.44	\$0	\$0	\$13,357	-425	\$0	\$12,649	\$0	(\$6,740)	\$0
258	RT	Transmission Outage PG&E	PG&E	Sierra	25-Oct-12	15- 30	No	DEC	15	8:30	22:59	-483.70	\$0	\$0	\$15,552	-466	\$0	\$14,911	\$0	(\$8,595)	\$0
259	RT	Transmission Outage PG&E	PG&E	Sierra	26-Oct-12	5- 27	No	DEC	16	7:45	22:59	-422.43	\$0	\$0	\$16,669	-406	\$0	\$16,082	\$0	(\$10,458)	\$0
260	RT	Transmission Outage PG&E	PG&E	Sierra	27-Oct-12	10- 30	No	DEC	13	9:55	21:59	-344.72	\$0	\$0	\$12,578	-335	\$0	\$12,249	\$0	(\$7,672)	\$0
261	RT	Transmission Outage PG&E	PG&E	Sierra	27-Oct-12	30	No	INC	1	21:20	21:59	-0.72	\$0	\$0	\$25	0	\$0	\$4	\$0	(\$3)	\$0
262	RT	Transmission Outage PG&E	PG&E	Sierra	28-Oct-12	10- 20	No	DEC	1	7:25	7:59	-17.68	\$0	\$0	\$518	-16	\$0	\$464	\$0	(\$425)	\$0
263	RT	Transmission Outage PG&E	PG&E	Sierra	28-Oct-12	26	No	INC	2	14:26	15:59	14.36	\$0	\$0	(\$453)	22	(\$740)	\$0	\$0	(\$80)	\$0
264	RT	Transmission Outage PG&E	PG&E	Sierra	29-Oct-12	20- 154	Yes	DEC	16	6:48	21:59	-756.40	\$0	\$0	\$23,578	-614	\$0	\$19,556	\$0	(\$18,639)	\$0
265	RT	Transmission Outage PG&E	PG&E	Sierra	29-Oct-12	15- 60	Yes	INC	9	9:07	17:59	165.93	\$3,491	\$0	(\$4,224)	104	(\$2,683)	\$0	\$0	(\$1,154)	\$0
266	RT	Transmission Outage PG&E	PG&E	Sierra	30-Oct-12	10- 142	No	DEC	16	7:35	22:59	-1124.50	\$0	\$0	\$45,358	-1085	\$0	\$43,890	\$0	(\$34,932)	\$0
267	RT	Transmission Outage PG&E	PG&E	Sierra	30-Oct-12	174	Yes	INC	17	6:15	22:59	1263.91	\$35,293	\$860	(\$49,324)	410	(\$14,731)	\$1,461	\$0	(\$4,005)	\$0
268	RT	Transmission Outage PG&E	PG&E	Sierra	31-Oct-12	0- 112	Yes	DEC	16	7:40	22:59	-834.01	\$0	\$0	\$24,021	-772	\$0	\$22,320	\$0	(\$16,896)	\$0
269	RT	Transmission Outage PG&E	PG&E	Sierra	31-Oct-12	20- 81	Yes	INC	17	7:15	23:59	1237.20	\$31,957	\$357	(\$34,877)	559	(\$15,499)	\$0	\$0	(\$7,379)	\$0
270	RT	Transmission Outage SCE	PG&E	Bay Area	15-Oct-12	45- 90	Yes	INC	20	4:00	23:59	2738.75	\$91,247	\$0	(\$146,993)	0	(\$10)	\$0	(\$1)	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commi tment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
															)						
271	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Oct-12	52- 145	No	DEC	3	18:55	20:59	-333.00	\$0	\$0	\$10,373	0	\$0	\$0	\$0	\$0	\$0
272	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Oct-12	77- 150	Yes	INC	2	13:40	14:59	-14.17	\$0	\$0	(\$1,017)	63	(\$2,060)	\$0	\$0	(\$419)	\$0
273	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Oct-12	12- 19	No	DEC	3	19:50	21:29	-18.15	\$0	\$0	\$716	0	\$0	\$0	\$0	\$0	\$0
274	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Oct-12	3- 31	No	INC	4	18:20	21:29	42.09	\$0	\$0	(\$1,704)	29	(\$1,181)	\$0	\$0	(\$0)	\$0
275	RT	Transmission Outage SCE	SCE	N/A	15-Oct-12	2- 152	No	DEC	9	9:15	17:59	-209.23	\$0	\$0	(\$38,942)	-142	\$0	(\$33,766)	\$0	(\$1,694)	\$0
276	RT	Transmission Outage SCE	SCE	N/A	15-Oct-12	40- 300	Yes	INC	22	0:00	21:59	4406.06	\$94,414	\$0	(\$172,666)	124	(\$5,904)	\$0	\$0	(\$589)	\$0
277	RT	Transmission Outage SCE	SDG&E	N/A	18-Oct-12	150- 190	No	INC	6	8:15	13:59	98.94	\$0	\$0	\$2,114	0	\$0	\$0	\$0	\$0	\$0
278	RT	Transmission Outage SCE	SDG&E	San Diego	15-Oct-12	13- 320	Yes	INC	14	10:58	23:59	1967.36	\$105,213	\$48	(\$124,579)	165	(\$4,880)	\$0	\$0	(\$2,764)	\$0
279	RT	Transmission Outage SDG&E	SCE	N/A	15-Oct-12	171	No	DEC	1	21:20	21:59	-124.70	\$0	\$0	\$4,470	-99	\$0	\$3,469	\$0	(\$2,615)	\$0
280	RT	Transmission Outage SDG&E	SDG&E	N/A	12-Oct-12	21- 22	No	DEC	2	10:51	11:46	-19.17	\$0	\$0	\$604	-18	\$0	\$558	\$0	(\$226)	\$0
281	RT	Transmission Outage SDG&E	SDG&E	N/A	12-Oct-12	500	No	INC	2	10:51	11:46	267.36	\$0	\$0	(\$8,540)	0	\$0	\$0	\$0	\$0	\$0
282	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Oct-12	119- 173	No	DEC	5	10:00	14:59	-794.92	\$0	\$0	\$71,265	-765	\$0	\$60,125	\$0	(\$45,871)	\$0
283	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Oct-12	260- 310	No	INC	5	9:58	13:59	-1100.86	\$0	\$0	\$94,316	-707	\$0	\$78,362	\$0	(\$66,334)	\$0
284	RT	Transmission Outage SDG&E	SDG&E	N/A	16-Oct-12	7- 135	No	DEC	17	0:00	16:59	-819.82	\$0	\$0	(\$4,315)	-738	\$0	\$13,548	\$0	(\$10,945)	\$0
285	RT	Transmission Outage SDG&E	SDG&E	N/A	16-Oct-12	0- 200	No	INC	10	7:30	16:59	-2276.75	\$0	\$0	(\$17,112)	-464	\$0	(\$60)	\$0	(\$9,433)	\$0
286	RT	Transmission Outage SDG&E	SDG&E	N/A	23-Oct-12	10- 38	Yes	DEC	19	5:00	23:59	-623.93	\$0	\$0	\$12,454	-328	\$0	\$8,213	\$0	(\$2,326)	\$0
287	RT	Transmission Outage SDG&E	SDG&E	N/A	23-Oct-12	270- 465	Yes	INC	19	5:00	23:59	-2820.17	\$0	\$0	\$57,736	-711	\$0	\$13,423	\$0	(\$3,036)	\$0
288	RT	Transmission Outage SDG&E	SDG&E	N/A	24-Oct-12	21- 32	No	DEC	16	4:30	19:59	-198.18	\$0	\$0	\$5,350	-193	\$0	\$5,284	\$0	(\$1,856)	\$0
289	RT	Transmission Outage SDG&E	SDG&E	N/A	24-Oct-12	505- 525	No	INC	20	0:00	19:59	-172.52	\$714	\$0	\$3,372	-32	\$0	\$835	\$0	(\$187)	\$0
290	RT	Transmission Outage SDG&E	SDG&E	N/A	31-Oct-12	60	Yes	DEC	1	19:21	19:33	-16.29	\$0	\$0	(\$10,100)	-1	\$0	\$35	\$0	\$0	\$0
291	RT	Transmission Outage SDG&E	SDG&E	San Diego	3-Oct-12	21	No	INC	3	13:00	15:24	-2.96	\$2,766	\$1,040	(\$726)	-11	(\$0)	\$420	\$0	(\$420)	\$0
292	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Oct-12	1537	Yes	INC	24	0:00	23:59	3185.98	\$138,355	\$1,210	(\$1,033,141)	1093	(\$61,939)	\$0	\$0	(\$13,546)	\$0
293	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Oct-12	20- 385	Yes	INC	24	0:00	23:59	3959.89	\$109,852	\$0	(\$138,697)	2566	(\$89,491)	\$0	(\$1,494)	(\$31,647)	\$0
294	RT	Transmission Outage SDG&E	SDG&E	San Diego	18-Oct-12	20	Yes	INC	24	0:00	23:59	548.47	\$35,234	\$0	(\$32,310)	0	\$0	\$0	\$0	\$0	\$0
295	RT	Transmission Outage SDG&E	SDG&E	San Diego	23-Oct-12	20- 563	Yes	INC	15	9:00	23:59	1133.18	\$62,094	\$13,347	(\$27,535)	188	(\$5,370)	\$0	(\$10,518)	(\$2,771)	\$0
296	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Oct-12	20	No	INC	23	1:00	23:59	1115.55	\$79,120	\$0	(\$36,597)	0	(\$5)	\$0	\$0	(\$1)	\$0
297	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Oct-12	20	Yes	INC	1	23:00	23:58	49.49	\$0	\$0	(\$1,789)	0	\$0	\$0	\$0	\$0	\$0
298	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Oct-12	20	Yes	INC	24	0:00	23:59	523.83	\$36,109	\$0	(\$14,512)	0	\$0	\$0	\$0	\$0	\$0
299	RT	Unit Testing	PG&E	N/A	2-Oct-12	150- 230	No	INC	13	11:00	23:59	2694.04	\$0	\$0	(\$102,207)	129	(\$5,158)	\$0	\$0	\$0	\$0
300	RT	Unit Testing	PG&E	N/A	3-Oct-12	275	No	INC	2	0:00	1:59	17.83	\$0	\$0	(\$480)	2	(\$45)	\$0	\$0	\$0	\$0
301	RT	Unit Testing	PG&E	N/A	24-Oct-12	155- 564	No	INC	5	9:13	13:06	-220.35	\$0	\$0	\$5,559	-41	(\$44)	\$984	\$0	\$0	\$0



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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commi tment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Startup Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
302	RT	Unit Testing	SCE	Big Creek- Ventura	17-Oct-12	47	No	INC	1	9:13	9:53	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
303	RT	Voltage Support	PG&E	Fresno	3-Oct-12	32	No	INC	5	15:20	19:59	149.33	\$7,046	\$268	(\$5,498)	0	\$0	\$0	\$0	\$0	\$0
304	RT	Voltage Support	PG&E	Fresno	9-Oct-12	0	Yes	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
305	RT	Voltage Support	PG&E	Fresno	10-Oct-12	0	Yes	INC	6	0:00	5:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0

## Appendix A: Explanation by Example

All examples listed below are based on fictitious data. Many simplified assumptions are made to explain settlement charge codes, and not all assumptions are explicitly stated in these examples.

For instance settlement charge codes are calculated based on metered quantities, whereas, in these examples the dispatch quantities are assumed to be equal to metered quantities. These assumptions have been made to simplify the understanding of settlements calculations.

### Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure 7630. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs, shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs<sup>7</sup>. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

**Table 2: Instructions Prior to Day-Ahead Market**

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Reason	Total Volume (MWh)	Min-Load Cost	Start- Up Cost	CC6620 (BCR)
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	7630	300	\$5000	\$0	0
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	7630	390	\$6000	\$500	\$4000
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	7630	300	\$400	\$1000	\$1000

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead, however the exceptional dispatches are nearly always just commitments, as in this example. The Begin Time column shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time column shows hour ending 23, as this was the hour with last dispatch. It is also possible that there might be some hours between the begin time and the end time where there might not be exceptional dispatch instructions for the given reason, meaning that the range between the begin time and end time can include null hours with no dispatch. The total volume (MWh) is the sum of MWh quantity for each resource, which adds up to 990 MWh. Similarly, all cost information is sum of individual resource costs. It is possible that some resources bid-in zero start-up cost; as seen in this example, resource A bid in zero for its start up cost. Since the ISO does not explicitly pay a resource for bid-in minimum load costs and start-up costs; these costs are recovered through the charge code CC6620 (Bid Cost Recovery), this table shows the summary of CC6620 for the classification. In this case, it is the sum of CC6620 for all three resources which adds up to \$5000. This column shows the impact of exceptional dispatch on bid cost recovery for all pre-day-ahead exceptional dispatch commitments.

**Table 3: FERC Summary of Instructions Prior to DAM**

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total Volume (MWh)	Min-Load Cost	Start-Up Cost	CC6620
1	DA	7630	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00	990	\$11,400	\$1,500	\$5000

<sup>7</sup> Please refer to the BPM configuration Guide: Bid Cost Recovery Settlements published on the ISO's website for details about eligible minimum load and start up costs.

**Example 2: Incremental Exceptional Dispatch Instructions in RTM**

In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 30 MW from hours ending 7 through 11 after completion of the day-ahead market for the transmission procedure 7110. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure 7110. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C is shown in Table 4. This table also shows volume (MWh) and various real-time charge codes associated with the exceptional dispatch instructions. The total MWh column for each resource shows the sum of all types of imbalance energy quantities for this resource between the begin time and end time which includes both the exceptional dispatch energy quantities and optimal energy quantities.

Resource A was committed at its Pmin so its total volume (MWh) is equal to its Pmin times the number of hours, which is calculated as 30 MW times 6 hours and is equal to 180 MWh. The resource Minimum load costs and the start up costs are its eligible commitment costs for that period. LMP at this resource is \$10/MWh for hours, so the charge code CC6470 is calculated at (180 MWh \* \$10/MWh) and is equal to 1800. Since this resource is not dispatched above its Pmin, it has a zero volume (MWh) of exceptional dispatch. As a result, all charge codes associated with the exceptional dispatch increment or decrement quantities are zero.

Resource B is dispatched 20 MW above its day-ahead schedule, so its total volume (MWh) is calculated as 20 MW times 3 hours which is equal to 60 MWh. Since the resource was committed in the Day-Ahead Market there are no minimum load quantity and start up costs associated with this resource. The resource had a bid price of \$100/MWh and the LMP at that resource was \$10/MWh. All of 60 MWh is considered as exceptional dispatch incremental quantity which is shown in ED Volume (MWH INC/DEC) column. The charge code CC6470 INC is calculated as 60 MWh \* resource LMP (\$10/MWh) which is equal to \$600. Since the only imbalance energy in this timeframe was the exceptional dispatch volume, the charge code CC6470 is equal to CC6470 INC. The charge code CC6488 is calculated as MWh quantity \*(bid price – LMP), which is equal to \$5400 (60 MWh \* (\$10/MWh-\$100/MWh)). Similarly, volumes and real-time charge codes are calculated for resource C.

**Table 4: Incremental Exceptional Dispatch Instructions in RTM**

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1-Jul-09	RT	A	PG&E	Humboldt	6:00	11:00	30	0	Yes	INC	30	7110	180	1000	50	800	60	600	0	0	5400
1-Jul-09	RT	B	PG&E	Humboldt	7:00	9:00	40	20	No	INC	20	7110	60	0	0	600	60	600	0	0	5400
1-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	7110	0	0	0	0	0	0	0	0	0
1-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	7110	50	0	0	300	20	300	0	0	200

This data is summarized as shown in Table 5 and is classified by reason, resource location, local reliability area, and trade date. The MW column in Table 5 is the range of MW; in this case the minimum instruction MW is 0 MW for resource C which occurs from hours ending 13 through 15. The maximum instruction occurs in hours ending 8 & 9, as during these two hours both resources A and B have an ED MW of 30MW and 20MW, respectively. This adds up to 50 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. This column shows a commitment if there was a single commitment in the entire interval of exceptional dispatch. The Begin Time column shows the time of the first dispatch of the day. This is a time not a range. Similarly, the End Time column shows a time and not a range. Exceptional dispatches occurred between these two times. Since there was a commitment between the begin time and end time then the Commitment column displays yes for the summary. Similarly, the INC/DEC column shows an INC as there was an incremental dispatch between the begin time and end time. As mentioned in the previous example it is possible that there might be some hours between the begin time and end time where there were no exceptional dispatch instructions for the given reason. Both volume and cost information columns are simply the summation for all the respective columns for resource A, B and C. For instance the Total volume (MWh) column is calculated as summation of 180,60,0 and 50 which are the individual volumes (MWh) for resources A, B and C for time periods shown in Table 4 on the previous page.

**Table 5: FERC Summary of ED Instructions in RTM**

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	7110	PG&E	Humboldt	1-Jul-09	0-50	Yes	INC	15	6:00	20:00	290	1000	50	1700	140	1500	0	0	11000

Please note that it is possible that the ISO would dispatch a particular resource for instance at 10 MW from hours ending 1 through 4, and all or part of its energy might settle as optimal energy. This situation occurs when the LMP at the resource pricing node is above the resource bid price. This cost will only be captured in charge code 6470. It is also possible that ISO issues an exceptional dispatch for the resource to operate at a minimum of 10 MW which is its Pmin; however the market application might dispatch this resource above Pmin because the resource is economical. When this occurs, the charge code CC6470 and the total MWh quantity might overstate the actual exceptional dispatch MWh quantities. So, to best estimate the cost and volume (MWh) of exceptional dispatch it is appropriate to consider only the following columns: ED MWh (INC/DEC), CC6470 INC, CC6470 DEC, CC6482, CC6488.

**Example 3: Decremental Exceptional Dispatch Instructions in RTM**

This example highlights decremental exceptional dispatch instructions in the real-time market. In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 20 MW from hours ending 15 through 20 after completion of the day-ahead market for the transmission procedure 7430. The ISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6. This table also includes volume (MWh) and cost information.

Resource A is committed in real-time at its Pmin, its total volume (MWh) is 20MW \*6 hours which is equal to 120 MWh. This resource has a zero MW of incremental dispatch in all hours, so all other relevant cost and volume columns result in zeros. Resource B has a decremental MW of 20 MW in 3 hours, which results in 60 MWh of decremental volume. Since this resource is not committed in real-time, both the minimum load cost and start up costs are zero. This resource had a bid price of \$50/MWh and LMP at the resource pricing node is \$10/ MWh. Based on this information CC6470-Dec is calculated as 60 MWh \*\$10/MWh which is equal to \$600. Since this resource has its ED volume (MWh) equal to its Total volume, CC6470 is equal to CC6470- DEC. The CC6488 is calculated as (60 MWh \* (\$50/MWh - \$10/MWh)) which is equal to \$2400. Resource C had a bid price of \$10/MWh and the LMP at its pricing node is \$50/MWh. Based on this information, volume and cost information is calculated for resource C.

**Table 6: Decremental Exceptional Dispatch Instructions in RTM**

Date	Market Type	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1-Jul-09	RT	A	PG&E	Fresno	15:00	20:00	20	0	Yes	INC	20	7430	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
1-Jul-09	RT	B	PG&E	Fresno	7:00	9:00	40	60	No	DEC	20	7430	(60)	\$ -	\$ -	\$ 600	-60	\$ -	\$ 600	\$ -	\$2,400
1-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	7430	(50)	\$ -	\$ -	\$ 500	-50	\$ -	\$ 500	\$ -	\$2,000

This data is summarized according to FERC convention as shown in Table 7. This summary classifies the data by reason, resource location, local reliability area, and trade date. Please note that incs and decs are broken out separately. The inc entry is self-explanatory and similar to the previous example. Regarding the dec entry the MW column is the range of MW; in this case the minimum dec instruction is 10 MW (actually -10MW as it is a dec) for resource C which occurs from hours ending 10 through 14. The maximum instruction occurs from hours ending 7 through 9, when resource B was issued a dec instruction of 20 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. The volume and cost information are summarized by INC and DEC classification.

**Table 7: FERC Summary of Decremental ED Instructions in RTM**

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	7430	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
2	RT	7430	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	7:00	14:00	(110)	\$ -	\$ -	\$ (1,100)	\$ (110)	\$ -	\$ (1,100)	\$ -	\$ (4,400)

## Appendix B: Price Impact Analysis

In the September 2 FERC order, FERC requested the ISO to perform price impact analysis on two distinct pricing nodes for the entire reporting period. The order also mentioned that the ISO must pick two pricing nodes for the entire reporting period that are most impacted by the exceptional dispatch instructions, and the two pricing nodes must belong to two different load aggregation points (LAPs).

Based on this requirement the ISO implemented a methodology to perform price impact analysis. First, the ISO identified a heavily impacted pricing node from each of the Pacific Gas & Electric (PG&E) LAP and Southern California Edison (SCE) LAP. These two pricing nodes had the maximum amount of exceptional dispatch volume (MWh) in their respective LAP. Point A is in PG&E LAP and point B is in SCE LAP. Please note these two points correspond to an actual pricing node in the ISO system. Only one resource was connected to each of these pricing nodes. For each resource the following input parameters were obtained to perform the analysis:

- Exceptional dispatch information: constrained level, constraint type, start of exceptional dispatch instruction and end of exceptional dispatch instruction.
- Real-Time LMPs for each of the five minute intervals for the month.
- Real-Time hourly bid set for each trade hour.
- Day-Ahead award for the resources.

The exceptional dispatch intervals have a begin time and an end time which can span as small as one minute to as large as 24 hours. Since the market application dispatches resources on five-minute basis, the exceptional dispatch instructions for each of these resources were broken down into five-minute intervals. If the begin time or end time for an instruction was in the middle of the five-minute interval, that instruction was rounded up to the next five-minute interval. These five-minute intervals were then coupled with resource five-minute LMPs calculated by the real-time market application. Also, the hourly bid information and the hourly day-ahead schedule were put together to create a dataset that had all the necessary information to perform price impact analysis.

An exceptional dispatch instruction can be generally classified as a start up instruction, an instruction to be dispatched at or above the constrained level, an instruction to be dispatched at or below a constrained level, an instruction to be dispatched at a fixed constrained level, or a shut down instruction. In general, the Locational Marginal Price (LMP) is set by a resource which can provide the next incremental MW of energy. Based on this definition of LMP and the classification of exceptional dispatches based on constraint type, a resource is allowed to set the LMP in only those intervals in which the resource is eligible to move either up or down from its constrained level. Hence, in those intervals in which the resource was constrained up at its Pmax or, in other words, the resource was exceptionally dispatched to its Pmax and forced to generate at that level, the resource was considered ineligible to set the price as it had no room to move up. Similarly, if the resource was constrained down at its Pmin, then the resource was not eligible to set the price. All those intervals in which the resource was ineligible to set the price were dropped from the dataset under consideration. From this dataset of only eligible intervals, for both pricing nodes A and B, LMPs were calculated for all intervals based on the resource dispatch level and the its bid set. The calculated LMP is equal to that bid price corresponding to the constrained MW segment.

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,928 five-minute intervals in October, this resource was issued exceptional dispatch instructions in 297 five-minute intervals. This resource was eligible to set the LMP in all 297 intervals. Resource calculated LMP was larger than the market LMP in 267 of the 297 intervals. In the 267 intervals, the average increase in five minute LMP was \$18.90/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$18.90/MWh. Note that 267 five minute intervals are approximately 2.99 percent of the total 8,928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8928 five minute intervals, this resource was issued an exceptional dispatch instruction in 2,919 five minute intervals. This resource was eligible to set the LMP in 2,775 intervals. Out of the 2,775 intervals, resource calculated LMP was larger than the market LMP in 2,561 intervals. In the 2,561 intervals, the average increase in five minute LMP was \$890.20/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$890.20/MWh. The 2,561 five minute intervals account for approximately 28.69 percent of the total 8,928 five minute intervals.

**Table 8: Price Impact Analysis Information for Pricing Node A in PG&E LAP**

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	3-Oct-12	21	2	\$32.42	Yes	\$28.00	(\$4.42)
2	3-Oct-12	21	3	\$39.80	Yes	\$28.00	(\$11.80)
3	3-Oct-12	21	4	\$39.48	Yes	\$28.00	(\$11.48)
4	3-Oct-12	21	5	\$37.20	Yes	\$28.00	(\$9.20)
5	3-Oct-12	21	6	\$36.00	Yes	\$28.00	(\$8.00)
6	3-Oct-12	21	7	\$31.61	Yes	\$28.00	(\$3.61)
7	3-Oct-12	21	8	\$28.13	Yes	\$28.00	(\$0.13)
8	3-Oct-12	21	9	\$28.20	Yes	\$28.00	(\$0.20)
9	3-Oct-12	21	10	\$28.02	Yes	\$28.00	(\$0.02)
10	3-Oct-12	21	11	\$27.83	Yes	\$28.00	\$0.17
11	3-Oct-12	21	12	\$27.83	Yes	\$28.00	\$0.17
12	3-Oct-12	22	1	\$27.14	Yes	\$28.00	\$0.86
13	3-Oct-12	22	2	\$27.29	Yes	\$28.00	\$0.71
14	3-Oct-12	22	3	\$27.29	Yes	\$28.00	\$0.71
15	3-Oct-12	22	4	\$27.59	Yes	\$28.00	\$0.41
16	3-Oct-12	22	5	\$27.30	Yes	\$28.00	\$0.70
17	3-Oct-12	22	6	\$27.32	Yes	\$28.00	\$0.68
18	3-Oct-12	22	7	\$27.94	Yes	\$28.00	\$0.06
19	3-Oct-12	22	8	\$27.81	Yes	\$28.00	\$0.19
20	3-Oct-12	22	9	\$27.64	Yes	\$28.00	\$0.36
21	3-Oct-12	22	10	\$27.03	Yes	\$28.00	\$0.97
22	3-Oct-12	22	11	\$25.87	Yes	\$28.00	\$2.13
23	3-Oct-12	22	12	\$20.43	Yes	\$28.00	\$7.57
24	3-Oct-12	23	4	\$32.78	Yes	\$32.00	(\$0.78)
25	3-Oct-12	23	5	\$31.10	Yes	\$32.00	\$0.90
26	3-Oct-12	23	6	\$28.45	Yes	\$32.00	\$3.55
27	3-Oct-12	23	7	\$27.53	Yes	\$32.00	\$4.47
28	3-Oct-12	23	8	\$27.00	Yes	\$32.00	\$5.00
29	3-Oct-12	23	9	\$27.04	Yes	\$32.00	\$4.96
30	3-Oct-12	23	10	\$25.97	Yes	\$32.00	\$6.03
31	3-Oct-12	23	11	\$24.48	Yes	\$32.00	\$7.52
32	3-Oct-12	23	12	\$22.28	Yes	\$32.00	\$9.72
33	9-Oct-12	8	8	\$32.16	Yes	\$32.00	(\$0.16)
34	9-Oct-12	8	9	\$32.16	Yes	\$32.00	(\$0.16)
35	9-Oct-12	8	10	\$32.17	Yes	\$32.00	(\$0.17)
36	9-Oct-12	8	11	\$32.17	Yes	\$32.00	(\$0.17)
37	9-Oct-12	8	12	\$33.90	Yes	\$32.00	(\$1.90)
38	9-Oct-12	9	1	\$31.98	Yes	\$32.00	\$0.02
39	9-Oct-12	9	2	\$31.98	Yes	\$32.00	\$0.02
40	9-Oct-12	9	3	\$31.98	Yes	\$32.00	\$0.02
41	9-Oct-12	9	4	\$31.98	Yes	\$32.00	\$0.02
42	16-Oct-12	3	4	\$27.36	Yes	\$42.00	\$14.64

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	16-Oct-12	3	5	\$27.36	Yes	\$42.00	\$14.64
44	16-Oct-12	3	6	\$27.36	Yes	\$42.00	\$14.64
45	16-Oct-12	3	7	\$26.71	Yes	\$42.00	\$15.29
46	16-Oct-12	3	8	\$25.60	Yes	\$42.00	\$16.40
47	16-Oct-12	3	9	\$22.87	Yes	\$42.00	\$19.13
48	16-Oct-12	3	10	\$19.44	Yes	\$42.00	\$22.56
49	16-Oct-12	3	11	\$17.43	Yes	\$42.00	\$24.57
50	16-Oct-12	3	12	\$13.88	Yes	\$42.00	\$28.12
51	16-Oct-12	4	1	\$13.77	Yes	\$42.00	\$28.23
52	16-Oct-12	4	2	\$13.77	Yes	\$42.00	\$28.23
53	16-Oct-12	4	3	\$13.31	Yes	\$42.00	\$28.69
54	16-Oct-12	4	4	\$8.25	Yes	\$42.00	\$33.75
55	16-Oct-12	4	5	\$13.29	Yes	\$42.00	\$28.71
56	16-Oct-12	4	6	\$13.29	Yes	\$42.00	\$28.71
57	16-Oct-12	4	7	\$8.27	Yes	\$42.00	\$33.73
58	16-Oct-12	4	8	\$7.93	Yes	\$42.00	\$34.07
59	16-Oct-12	4	9	\$7.93	Yes	\$42.00	\$34.07
60	16-Oct-12	4	10	\$7.91	Yes	\$42.00	\$34.09
61	16-Oct-12	4	11	\$7.91	Yes	\$42.00	\$34.09
62	16-Oct-12	4	12	\$7.91	Yes	\$42.00	\$34.09
63	16-Oct-12	5	1	(\$11.01)	Yes	\$42.00	\$53.01
64	16-Oct-12	5	2	\$17.69	Yes	\$42.00	\$24.31
65	16-Oct-12	5	3	\$8.17	Yes	\$42.00	\$33.83
66	16-Oct-12	5	4	\$8.20	Yes	\$42.00	\$33.80
67	16-Oct-12	5	5	\$2.71	Yes	\$42.00	\$39.29
68	16-Oct-12	5	6	\$7.91	Yes	\$42.00	\$34.09
69	16-Oct-12	5	7	\$15.01	Yes	\$42.00	\$26.99
70	16-Oct-12	5	8	\$15.01	Yes	\$42.00	\$26.99
71	16-Oct-12	5	9	\$17.76	Yes	\$42.00	\$24.24
72	16-Oct-12	5	10	\$18.11	Yes	\$42.00	\$23.89
73	16-Oct-12	5	11	\$19.36	Yes	\$42.00	\$22.64
74	16-Oct-12	5	12	\$24.12	Yes	\$42.00	\$17.88
75	16-Oct-12	6	1	\$25.53	Yes	\$42.00	\$16.47
76	16-Oct-12	6	2	\$27.10	Yes	\$42.00	\$14.90
77	16-Oct-12	6	3	\$27.10	Yes	\$42.00	\$14.90
78	16-Oct-12	6	4	\$27.66	Yes	\$42.00	\$14.34
79	16-Oct-12	6	5	\$28.50	Yes	\$42.00	\$13.50
80	16-Oct-12	6	6	\$28.78	Yes	\$42.00	\$13.22
81	16-Oct-12	6	7	\$29.56	Yes	\$42.00	\$12.44
82	16-Oct-12	6	8	\$32.17	Yes	\$42.00	\$9.83
83	16-Oct-12	6	9	\$32.70	Yes	\$42.00	\$9.30
84	16-Oct-12	6	10	\$29.58	Yes	\$42.00	\$12.42
85	16-Oct-12	6	11	\$30.73	Yes	\$42.00	\$11.27
86	16-Oct-12	6	12	\$31.54	Yes	\$42.00	\$10.46
87	18-Oct-12	24	9	\$29.49	Yes	\$42.00	\$12.51



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	18-Oct-12	24	10	\$29.16	Yes	\$42.00	\$12.84
89	18-Oct-12	24	11	\$28.58	Yes	\$42.00	\$13.42
90	18-Oct-12	24	12	\$28.58	Yes	\$42.00	\$13.42
91	19-Oct-12	1	1	\$29.63	Yes	\$42.00	\$12.37
92	19-Oct-12	1	2	\$30.72	Yes	\$42.00	\$11.28
93	19-Oct-12	1	3	\$30.72	Yes	\$42.00	\$11.28
94	19-Oct-12	1	4	\$27.37	Yes	\$42.00	\$14.63
95	19-Oct-12	1	5	\$27.37	Yes	\$42.00	\$14.63
96	19-Oct-12	1	6	\$28.36	Yes	\$42.00	\$13.64
97	19-Oct-12	1	7	\$28.26	Yes	\$42.00	\$13.74
98	19-Oct-12	1	8	\$28.15	Yes	\$42.00	\$13.85
99	19-Oct-12	1	9	\$28.02	Yes	\$42.00	\$13.98
100	19-Oct-12	1	10	\$27.78	Yes	\$42.00	\$14.22
101	19-Oct-12	1	11	\$27.81	Yes	\$42.00	\$14.19
102	19-Oct-12	1	12	\$28.84	Yes	\$42.00	\$13.16
103	19-Oct-12	2	1	\$28.05	Yes	\$42.00	\$13.95
104	19-Oct-12	2	2	\$27.99	Yes	\$42.00	\$14.01
105	19-Oct-12	2	3	\$27.99	Yes	\$42.00	\$14.01
106	19-Oct-12	2	4	\$28.13	Yes	\$42.00	\$13.87
107	19-Oct-12	2	5	\$27.91	Yes	\$42.00	\$14.09
108	19-Oct-12	2	6	\$27.91	Yes	\$42.00	\$14.09
109	19-Oct-12	2	7	\$27.79	Yes	\$42.00	\$14.21
110	19-Oct-12	2	8	\$27.78	Yes	\$42.00	\$14.22
111	19-Oct-12	2	9	\$27.31	Yes	\$42.00	\$14.69
112	19-Oct-12	2	10	\$26.83	Yes	\$42.00	\$15.17
113	19-Oct-12	2	11	\$27.05	Yes	\$42.00	\$14.95
114	19-Oct-12	2	12	\$26.83	Yes	\$42.00	\$15.17
115	19-Oct-12	7	8	\$43.18	Yes	\$42.00	(\$1.18)
116	19-Oct-12	7	9	\$43.18	Yes	\$42.00	(\$1.18)
117	19-Oct-12	7	10	\$44.81	Yes	\$42.00	(\$2.81)
118	19-Oct-12	7	11	\$46.21	Yes	\$42.00	(\$4.21)
119	19-Oct-12	7	12	\$49.50	Yes	\$42.00	(\$7.50)
120	19-Oct-12	8	1	\$42.81	Yes	\$42.00	(\$0.81)
121	19-Oct-12	8	2	\$46.11	Yes	\$42.00	(\$4.11)
122	19-Oct-12	8	3	\$46.22	Yes	\$42.00	(\$4.22)
123	19-Oct-12	8	4	\$45.41	Yes	\$42.00	(\$3.41)
124	19-Oct-12	8	5	\$45.69	Yes	\$42.00	(\$3.69)
125	19-Oct-12	8	6	\$46.16	Yes	\$42.00	(\$4.16)
126	19-Oct-12	8	7	\$46.07	Yes	\$42.00	(\$4.07)
127	19-Oct-12	8	8	\$209.76	Yes	\$42.00	(\$167.76)
128	19-Oct-12	8	9	\$40.67	Yes	\$42.00	\$1.33
129	19-Oct-12	8	10	\$40.67	Yes	\$42.00	\$1.33
130	19-Oct-12	8	11	\$42.54	Yes	\$42.00	(\$0.54)
131	19-Oct-12	8	12	\$48.90	Yes	\$42.00	(\$6.90)
132	19-Oct-12	9	1	\$40.05	Yes	\$42.00	\$1.95

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	19-Oct-12	9	2	\$28.46	Yes	\$42.00	\$13.54
134	19-Oct-12	9	3	\$23.05	Yes	\$42.00	\$18.95
135	19-Oct-12	9	4	\$27.43	Yes	\$42.00	\$14.57
136	19-Oct-12	9	5	\$28.26	Yes	\$42.00	\$13.74
137	19-Oct-12	9	6	\$28.66	Yes	\$42.00	\$13.34
138	19-Oct-12	9	7	\$29.36	Yes	\$42.00	\$12.64
139	19-Oct-12	9	8	\$29.38	Yes	\$42.00	\$12.62
140	19-Oct-12	9	9	\$29.49	Yes	\$42.00	\$12.51
141	19-Oct-12	9	10	\$30.51	Yes	\$42.00	\$11.49
142	19-Oct-12	9	11	\$29.09	Yes	\$42.00	\$12.91
143	19-Oct-12	9	12	\$28.57	Yes	\$42.00	\$13.43
144	20-Oct-12	8	9	\$27.72	Yes	\$48.50	\$20.78
145	20-Oct-12	8	10	\$28.27	Yes	\$48.50	\$20.23
146	20-Oct-12	8	11	\$28.55	Yes	\$48.50	\$19.95
147	20-Oct-12	8	12	\$30.04	Yes	\$48.50	\$18.46
148	20-Oct-12	9	1	\$27.95	Yes	\$48.50	\$20.55
149	20-Oct-12	9	2	\$7.92	Yes	\$48.50	\$40.58
150	20-Oct-12	9	3	\$1.28	Yes	\$48.50	\$47.22
151	20-Oct-12	9	4	\$6.65	Yes	\$48.50	\$41.85
152	20-Oct-12	9	5	\$11.98	Yes	\$48.50	\$36.52
153	20-Oct-12	9	6	\$12.63	Yes	\$48.50	\$35.87
154	20-Oct-12	9	7	\$13.28	Yes	\$48.50	\$35.22
155	20-Oct-12	9	8	\$12.62	Yes	\$48.50	\$35.88
156	20-Oct-12	9	9	\$15.02	Yes	\$48.50	\$33.48
157	20-Oct-12	9	10	\$14.35	Yes	\$48.50	\$34.15
158	20-Oct-12	9	11	\$17.36	Yes	\$48.50	\$31.14
159	20-Oct-12	9	12	\$12.62	Yes	\$48.50	\$35.88
160	20-Oct-12	10	1	\$1.30	Yes	\$48.50	\$47.20
161	20-Oct-12	10	2	\$6.85	Yes	\$48.50	\$41.65
162	20-Oct-12	10	3	\$8.07	Yes	\$48.50	\$40.43
163	20-Oct-12	10	4	\$26.91	Yes	\$48.50	\$21.59
164	20-Oct-12	10	5	\$26.70	Yes	\$48.50	\$21.80
165	20-Oct-12	10	6	\$26.08	Yes	\$48.50	\$22.42
166	20-Oct-12	10	7	\$21.67	Yes	\$48.50	\$26.83
167	20-Oct-12	10	8	\$27.92	Yes	\$48.50	\$20.58
168	20-Oct-12	10	9	\$19.46	Yes	\$48.50	\$29.04
169	20-Oct-12	10	10	\$28.08	Yes	\$48.50	\$20.42
170	20-Oct-12	10	11	\$28.36	Yes	\$48.50	\$20.14
171	20-Oct-12	10	12	\$28.23	Yes	\$48.50	\$20.27
172	22-Oct-12	6	2	\$30.72	Yes	\$48.50	\$17.78
173	22-Oct-12	6	3	\$31.15	Yes	\$48.50	\$17.35
174	22-Oct-12	6	4	\$29.21	Yes	\$48.50	\$19.29
175	22-Oct-12	6	5	\$29.21	Yes	\$48.50	\$19.29
176	22-Oct-12	6	6	\$30.80	Yes	\$48.50	\$17.70
177	22-Oct-12	6	7	\$31.49	Yes	\$48.50	\$17.01

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	22-Oct-12	6	8	\$34.51	Yes	\$48.50	\$13.99
179	22-Oct-12	6	9	\$34.71	Yes	\$48.50	\$13.79
180	22-Oct-12	6	10	\$29.77	Yes	\$48.50	\$18.73
181	22-Oct-12	6	11	\$28.52	Yes	\$48.50	\$19.98
182	22-Oct-12	6	12	\$29.77	Yes	\$48.50	\$18.73
183	22-Oct-12	10	7	\$30.97	Yes	\$48.50	\$17.53
184	22-Oct-12	10	8	\$29.22	Yes	\$48.50	\$19.28
185	22-Oct-12	10	9	\$29.64	Yes	\$48.50	\$18.86
186	22-Oct-12	10	10	\$28.65	Yes	\$48.50	\$19.85
187	22-Oct-12	10	11	\$28.65	Yes	\$48.50	\$19.85
188	22-Oct-12	10	12	\$28.65	Yes	\$48.50	\$19.85
189	22-Oct-12	11	1	\$27.42	Yes	\$48.50	\$21.08
190	22-Oct-12	11	2	\$27.42	Yes	\$48.50	\$21.08
191	22-Oct-12	11	3	\$27.19	Yes	\$48.50	\$21.31
192	22-Oct-12	11	4	\$27.94	Yes	\$48.50	\$20.56
193	22-Oct-12	11	5	\$27.72	Yes	\$48.50	\$20.78
194	22-Oct-12	11	6	\$28.16	Yes	\$48.50	\$20.34
195	22-Oct-12	11	7	\$25.96	Yes	\$48.50	\$22.54
196	22-Oct-12	11	8	\$27.78	Yes	\$48.50	\$20.72
197	22-Oct-12	11	9	\$27.75	Yes	\$48.50	\$20.75
198	22-Oct-12	11	10	\$27.75	Yes	\$48.50	\$20.75
199	22-Oct-12	11	11	\$28.06	Yes	\$48.50	\$20.44
200	22-Oct-12	11	12	\$29.56	Yes	\$48.50	\$18.94
201	22-Oct-12	12	1	\$28.38	Yes	\$48.50	\$20.12
202	22-Oct-12	12	2	\$29.76	Yes	\$48.50	\$18.74
203	22-Oct-12	12	3	\$29.06	Yes	\$48.50	\$19.44
204	22-Oct-12	12	4	\$29.02	Yes	\$48.50	\$19.48
205	22-Oct-12	12	5	\$28.22	Yes	\$48.50	\$20.28
206	22-Oct-12	12	6	\$26.01	Yes	\$48.50	\$22.49
207	22-Oct-12	12	7	\$27.96	Yes	\$48.50	\$20.54
208	22-Oct-12	12	8	\$27.97	Yes	\$48.50	\$20.53
209	22-Oct-12	12	9	\$27.43	Yes	\$48.50	\$21.07
210	22-Oct-12	12	10	\$27.15	Yes	\$48.50	\$21.35
211	22-Oct-12	12	11	\$27.32	Yes	\$48.50	\$21.18
212	22-Oct-12	12	12	\$27.65	Yes	\$48.50	\$20.85
213	22-Oct-12	13	1	\$27.59	Yes	\$48.50	\$20.91
214	22-Oct-12	13	2	\$27.63	Yes	\$48.50	\$20.87
215	22-Oct-12	13	3	\$27.53	Yes	\$48.50	\$20.97
216	22-Oct-12	13	4	\$27.40	Yes	\$48.50	\$21.10
217	22-Oct-12	13	5	\$25.28	Yes	\$48.50	\$23.22
218	22-Oct-12	13	6	\$27.39	Yes	\$48.50	\$21.11
219	22-Oct-12	13	7	\$27.36	Yes	\$48.50	\$21.14
220	22-Oct-12	13	8	\$27.33	Yes	\$48.50	\$21.17
221	22-Oct-12	13	9	\$27.64	Yes	\$48.50	\$20.86
222	22-Oct-12	13	10	\$27.30	Yes	\$48.50	\$21.20

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	22-Oct-12	13	11	\$28.02	Yes	\$48.50	\$20.48
224	22-Oct-12	13	12	\$27.65	Yes	\$48.50	\$20.85
225	22-Oct-12	14	1	\$27.66	Yes	\$48.50	\$20.84
226	22-Oct-12	14	2	\$28.71	Yes	\$48.50	\$19.79
227	22-Oct-12	14	3	\$28.69	Yes	\$48.50	\$19.81
228	22-Oct-12	14	4	\$28.86	Yes	\$48.50	\$19.64
229	22-Oct-12	14	5	\$28.98	Yes	\$48.50	\$19.52
230	22-Oct-12	14	6	\$28.98	Yes	\$48.50	\$19.52
231	22-Oct-12	14	7	\$28.98	Yes	\$48.50	\$19.52
232	22-Oct-12	14	8	\$29.81	Yes	\$48.50	\$18.69
233	22-Oct-12	14	9	\$29.84	Yes	\$48.50	\$18.66
234	22-Oct-12	14	10	\$29.99	Yes	\$48.50	\$18.51
235	22-Oct-12	14	11	\$28.99	Yes	\$48.50	\$19.51
236	22-Oct-12	14	12	\$28.99	Yes	\$48.50	\$19.51
237	22-Oct-12	15	1	\$28.80	Yes	\$48.50	\$19.70
238	22-Oct-12	15	2	\$28.29	Yes	\$48.50	\$20.21
239	22-Oct-12	15	3	\$28.66	Yes	\$48.50	\$19.84
240	22-Oct-12	15	4	\$28.91	Yes	\$48.50	\$19.59
241	22-Oct-12	15	5	\$28.89	Yes	\$48.50	\$19.61
242	22-Oct-12	15	6	\$28.57	Yes	\$48.50	\$19.93
243	22-Oct-12	15	7	\$28.07	Yes	\$48.50	\$20.43
244	22-Oct-12	15	8	\$28.03	Yes	\$48.50	\$20.47
245	22-Oct-12	15	9	\$28.23	Yes	\$48.50	\$20.27
246	22-Oct-12	15	10	\$28.90	Yes	\$48.50	\$19.60
247	22-Oct-12	15	11	\$28.73	Yes	\$48.50	\$19.77
248	22-Oct-12	15	12	\$29.15	Yes	\$48.50	\$19.35
249	23-Oct-12	7	12	\$46.92	Yes	\$48.50	\$1.58
250	23-Oct-12	8	1	\$45.03	Yes	\$48.50	\$3.47
251	23-Oct-12	8	2	\$45.94	Yes	\$48.50	\$2.56
252	23-Oct-12	8	3	\$32.96	Yes	\$48.50	\$15.54
253	23-Oct-12	8	4	\$32.40	Yes	\$48.50	\$16.10
254	23-Oct-12	8	5	\$33.15	Yes	\$48.50	\$15.35
255	23-Oct-12	8	6	\$30.94	Yes	\$48.50	\$17.56
256	23-Oct-12	8	7	\$36.35	Yes	\$48.50	\$12.15
257	23-Oct-12	8	8	\$36.35	Yes	\$48.50	\$12.15
258	23-Oct-12	8	9	\$33.41	Yes	\$48.50	\$15.09
259	23-Oct-12	8	10	\$32.62	Yes	\$48.50	\$15.88
260	23-Oct-12	8	11	\$32.62	Yes	\$48.50	\$15.88
261	23-Oct-12	8	12	\$31.44	Yes	\$48.50	\$17.06
262	23-Oct-12	9	1	\$28.38	Yes	\$48.50	\$20.12
263	23-Oct-12	9	2	\$28.64	Yes	\$48.50	\$19.86
264	23-Oct-12	9	3	\$28.75	Yes	\$48.50	\$19.75
265	23-Oct-12	9	4	\$28.69	Yes	\$48.50	\$19.81
266	23-Oct-12	9	5	\$29.03	Yes	\$48.50	\$19.47
267	23-Oct-12	9	6	\$28.93	Yes	\$48.50	\$19.57

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	23-Oct-12	9	7	\$29.21	Yes	\$48.50	\$19.29
269	23-Oct-12	9	8	\$29.12	Yes	\$48.50	\$19.38
270	23-Oct-12	9	9	\$29.73	Yes	\$48.50	\$18.77
271	23-Oct-12	9	10	\$30.37	Yes	\$48.50	\$18.13
272	23-Oct-12	9	11	\$29.68	Yes	\$48.50	\$18.82
273	23-Oct-12	9	12	\$28.36	Yes	\$48.50	\$20.14
274	23-Oct-12	10	1	\$27.67	Yes	\$48.50	\$20.83
275	23-Oct-12	10	2	\$27.97	Yes	\$48.50	\$20.53
276	23-Oct-12	10	3	\$25.54	Yes	\$48.50	\$22.96
277	23-Oct-12	10	4	\$27.93	Yes	\$48.50	\$20.57
278	23-Oct-12	10	5	\$28.23	Yes	\$48.50	\$20.27
279	23-Oct-12	10	6	\$28.23	Yes	\$48.50	\$20.27
280	23-Oct-12	10	7	\$28.30	Yes	\$48.50	\$20.20
281	23-Oct-12	10	8	\$28.34	Yes	\$48.50	\$20.16
282	23-Oct-12	10	9	\$28.34	Yes	\$48.50	\$20.16
283	23-Oct-12	10	10	\$28.55	Yes	\$48.50	\$19.95
284	23-Oct-12	10	11	\$28.69	Yes	\$48.50	\$19.81
285	23-Oct-12	10	12	\$28.35	Yes	\$48.50	\$20.15
286	23-Oct-12	11	1	\$16.42	Yes	\$48.50	\$32.08
287	23-Oct-12	11	2	\$18.21	Yes	\$48.50	\$30.29
288	23-Oct-12	11	3	\$17.40	Yes	\$48.50	\$31.10
289	23-Oct-12	11	4	\$18.18	Yes	\$48.50	\$30.32
290	23-Oct-12	11	5	\$18.18	Yes	\$48.50	\$30.32
291	23-Oct-12	11	6	\$18.32	Yes	\$48.50	\$30.18
292	23-Oct-12	11	7	\$17.75	Yes	\$48.50	\$30.75
293	23-Oct-12	11	8	\$17.53	Yes	\$48.50	\$30.97
294	23-Oct-12	11	9	\$17.53	Yes	\$48.50	\$30.97
295	23-Oct-12	11	10	\$13.12	Yes	\$48.50	\$35.38
296	23-Oct-12	11	11	\$17.57	Yes	\$48.50	\$30.93
297	23-Oct-12	11	12	\$18.19	Yes	\$48.50	\$30.31

**Table 9: Price Impact Analysis Information for Pricing Node B in SCE LAP**

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	1-Oct-12	7	1	\$22.02	Yes	\$1,000.00	\$977.98
2	1-Oct-12	7	2	\$18.00	Yes	\$1,000.00	\$982.00
3	1-Oct-12	7	3	\$23.35	Yes	\$1,000.00	\$976.65
4	1-Oct-12	7	4	\$25.15	Yes	\$1,000.00	\$974.85
5	1-Oct-12	7	5	\$25.51	Yes	\$1,000.00	\$974.49
6	1-Oct-12	7	6	\$25.89	Yes	\$1,000.00	\$974.11
7	1-Oct-12	7	7	\$25.50	Yes	\$1,000.00	\$974.50
8	1-Oct-12	7	8	\$26.24	Yes	\$1,000.00	\$973.76
9	1-Oct-12	7	9	\$26.37	Yes	\$1,000.00	\$973.63
10	1-Oct-12	7	10	\$25.68	Yes	\$1,000.00	\$974.32
11	1-Oct-12	7	11	\$25.92	Yes	\$1,000.00	\$974.08
12	1-Oct-12	7	12	\$26.13	Yes	\$1,000.00	\$973.87
13	1-Oct-12	8	1	\$25.18	Yes	\$1,000.00	\$974.82
14	1-Oct-12	8	2	\$25.44	Yes	\$1,000.00	\$974.56
15	1-Oct-12	8	3	\$24.85	Yes	\$1,000.00	\$975.15
16	1-Oct-12	8	4	\$25.76	Yes	\$1,000.00	\$974.24
17	1-Oct-12	8	5	\$25.76	Yes	\$1,000.00	\$974.24
18	1-Oct-12	8	6	\$25.76	Yes	\$1,000.00	\$974.24
19	1-Oct-12	8	7	\$25.18	Yes	\$1,000.00	\$974.82
20	1-Oct-12	8	8	\$25.75	Yes	\$1,000.00	\$974.25
21	1-Oct-12	8	9	\$25.83	Yes	\$1,000.00	\$974.17
22	1-Oct-12	8	10	\$26.58	Yes	\$1,000.00	\$973.42
23	1-Oct-12	8	11	\$26.49	Yes	\$1,000.00	\$973.51
24	1-Oct-12	8	12	\$25.78	Yes	\$1,000.00	\$974.22
25	1-Oct-12	9	1	\$25.01	Yes	\$1,000.00	\$974.99
26	1-Oct-12	9	2	\$24.96	Yes	\$1,000.00	\$975.04
27	1-Oct-12	9	3	(\$64.63)	Yes	\$1,000.00	\$1,064.63
28	1-Oct-12	9	4	\$23.30	Yes	\$1,000.00	\$976.70
29	1-Oct-12	9	5	\$25.77	Yes	\$1,000.00	\$974.23
30	1-Oct-12	9	6	\$26.08	Yes	\$1,000.00	\$973.92
31	1-Oct-12	9	7	\$26.78	Yes	\$1,000.00	\$973.22
32	1-Oct-12	9	8	\$27.79	Yes	\$1,000.00	\$972.21
33	1-Oct-12	9	9	\$27.79	Yes	\$1,000.00	\$972.21
34	1-Oct-12	9	10	\$26.63	Yes	\$1,000.00	\$973.37
35	1-Oct-12	9	11	\$26.64	Yes	\$1,000.00	\$973.36
36	1-Oct-12	9	12	\$27.74	Yes	\$1,000.00	\$972.26
37	1-Oct-12	10	1	\$26.16	Yes	\$1,000.00	\$973.84
38	1-Oct-12	10	2	\$26.08	Yes	\$1,000.00	\$973.92
39	1-Oct-12	10	3	\$24.00	Yes	\$1,000.00	\$976.00
40	1-Oct-12	10	4	(\$93.84)	Yes	\$1,000.00	\$1,093.84
41	1-Oct-12	10	5	(\$81.99)	Yes	\$1,000.00	\$1,081.99
42	1-Oct-12	10	6	(\$80.56)	Yes	\$1,000.00	\$1,080.56

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	1-Oct-12	10	7	(\$72.03)	Yes	\$1,000.00	\$1,072.03
44	1-Oct-12	10	8	(\$74.63)	Yes	\$1,000.00	\$1,074.63
45	1-Oct-12	10	9	\$28.97	Yes	\$1,000.00	\$971.03
46	1-Oct-12	10	10	(\$83.58)	Yes	\$1,000.00	\$1,083.58
47	1-Oct-12	10	11	(\$47.43)	Yes	\$1,000.00	\$1,047.43
48	1-Oct-12	10	12	(\$44.15)	Yes	\$1,000.00	\$1,044.15
49	1-Oct-12	11	1	\$27.03	Yes	\$1,000.00	\$972.97
50	1-Oct-12	11	2	\$26.71	Yes	\$1,000.00	\$973.29
51	1-Oct-12	11	3	\$26.71	Yes	\$1,000.00	\$973.29
52	1-Oct-12	11	4	\$23.67	Yes	\$1,000.00	\$976.33
53	1-Oct-12	11	5	\$25.34	Yes	\$1,000.00	\$974.66
54	1-Oct-12	11	6	\$22.41	Yes	\$1,000.00	\$977.59
55	1-Oct-12	11	7	\$31.72	Yes	\$1,000.00	\$968.28
56	1-Oct-12	11	8	\$29.66	Yes	\$1,000.00	\$970.34
57	1-Oct-12	11	9	\$30.69	Yes	\$1,000.00	\$969.31
58	1-Oct-12	11	10	\$29.73	Yes	\$1,000.00	\$970.27
59	1-Oct-12	11	11	\$28.52	Yes	\$1,000.00	\$971.48
60	1-Oct-12	11	12	\$30.58	Yes	\$1,000.00	\$969.42
61	1-Oct-12	12	1	\$27.85	Yes	\$1,000.00	\$972.15
62	1-Oct-12	12	2	\$27.06	Yes	\$1,000.00	\$972.94
63	1-Oct-12	12	3	\$27.04	Yes	\$1,000.00	\$972.96
64	1-Oct-12	12	4	\$27.22	Yes	\$1,000.00	\$972.78
65	1-Oct-12	12	5	\$29.65	Yes	\$1,000.00	\$970.35
66	1-Oct-12	12	6	\$28.79	Yes	\$1,000.00	\$971.21
67	1-Oct-12	12	7	\$28.94	Yes	\$1,000.00	\$971.06
68	1-Oct-12	12	8	\$29.31	Yes	\$1,000.00	\$970.69
69	1-Oct-12	12	9	\$28.94	Yes	\$1,000.00	\$971.06
70	1-Oct-12	12	10	\$29.42	Yes	\$1,000.00	\$970.58
71	1-Oct-12	12	11	\$29.18	Yes	\$1,000.00	\$970.82
72	1-Oct-12	12	12	\$29.65	Yes	\$1,000.00	\$970.35
73	1-Oct-12	13	1	\$26.93	Yes	\$1,000.00	\$973.07
74	1-Oct-12	13	2	\$27.31	Yes	\$1,000.00	\$972.69
75	1-Oct-12	13	3	\$28.08	Yes	\$1,000.00	\$971.92
76	1-Oct-12	13	4	\$29.17	Yes	\$1,000.00	\$970.83
77	1-Oct-12	13	5	\$29.17	Yes	\$1,000.00	\$970.83
78	1-Oct-12	13	6	\$29.30	Yes	\$1,000.00	\$970.70
79	1-Oct-12	13	7	\$30.06	Yes	\$1,000.00	\$969.94
80	1-Oct-12	13	8	\$30.36	Yes	\$1,000.00	\$969.64
81	1-Oct-12	13	9	\$32.46	Yes	\$1,000.00	\$967.54
82	1-Oct-12	13	10	\$37.27	Yes	\$1,000.00	\$962.73
83	1-Oct-12	13	11	\$36.93	Yes	\$1,000.00	\$963.07
84	1-Oct-12	13	12	\$35.53	Yes	\$1,000.00	\$964.47
85	1-Oct-12	14	1	\$30.08	Yes	\$1,000.00	\$969.92
86	1-Oct-12	14	2	\$31.08	Yes	\$1,000.00	\$968.92
87	1-Oct-12	14	3	\$32.18	Yes	\$1,000.00	\$967.82

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	1-Oct-12	14	4	\$36.60	Yes	\$1,000.00	\$963.40
89	1-Oct-12	14	5	\$35.75	Yes	\$1,000.00	\$964.25
90	1-Oct-12	14	6	\$35.73	Yes	\$1,000.00	\$964.27
91	1-Oct-12	14	7	\$37.97	Yes	\$1,000.00	\$962.03
92	1-Oct-12	14	8	\$38.90	Yes	\$1,000.00	\$961.10
93	1-Oct-12	14	9	\$39.50	Yes	\$1,000.00	\$960.50
94	1-Oct-12	14	10	\$40.60	Yes	\$1,000.00	\$959.40
95	1-Oct-12	14	11	\$40.81	Yes	\$1,000.00	\$959.19
96	1-Oct-12	14	12	\$40.46	Yes	\$1,000.00	\$959.54
97	1-Oct-12	15	1	\$39.80	Yes	\$1,000.00	\$960.20
98	1-Oct-12	15	2	\$39.95	Yes	\$1,000.00	\$960.05
99	1-Oct-12	15	3	\$40.40	Yes	\$1,000.00	\$959.60
100	1-Oct-12	15	4	\$41.02	Yes	\$1,000.00	\$958.98
101	1-Oct-12	15	5	\$41.62	Yes	\$1,000.00	\$958.38
102	1-Oct-12	15	6	\$45.18	Yes	\$1,000.00	\$954.82
103	1-Oct-12	15	7	\$45.16	Yes	\$1,000.00	\$954.84
104	1-Oct-12	15	8	\$47.45	Yes	\$1,000.00	\$952.55
105	1-Oct-12	15	9	\$47.66	Yes	\$1,000.00	\$952.34
106	1-Oct-12	15	10	\$47.54	Yes	\$1,000.00	\$952.46
107	1-Oct-12	15	11	\$53.18	Yes	\$1,000.00	\$946.82
108	1-Oct-12	15	12	\$1,658.19	Yes	\$1,000.00	(\$658.19)
109	1-Oct-12	16	1	\$202.45	Yes	\$1,000.00	\$797.55
110	1-Oct-12	16	2	\$1,558.77	Yes	\$1,000.00	(\$558.77)
111	1-Oct-12	16	3	\$70.91	Yes	\$1,000.00	\$929.09
112	1-Oct-12	16	4	\$49.73	Yes	\$1,000.00	\$950.27
113	1-Oct-12	16	5	\$110.58	Yes	\$1,000.00	\$889.42
114	1-Oct-12	16	6	\$1,003.26	Yes	\$1,000.00	(\$3.26)
115	1-Oct-12	16	7	\$1,003.26	Yes	\$1,000.00	(\$3.26)
116	1-Oct-12	16	8	\$48.77	Yes	\$1,000.00	\$951.23
117	1-Oct-12	16	9	\$232.66	Yes	\$1,000.00	\$767.34
118	1-Oct-12	16	10	\$251.75	Yes	\$1,000.00	\$748.25
119	1-Oct-12	16	11	\$251.80	Yes	\$1,000.00	\$748.20
120	1-Oct-12	16	12	\$997.58	Yes	\$1,000.00	\$2.42
121	1-Oct-12	17	1	\$1,000.00	Yes	\$1,000.00	\$0.00
122	1-Oct-12	17	2	\$1,029.02	Yes	\$1,000.00	(\$29.02)
123	1-Oct-12	17	3	\$1,000.00	Yes	\$1,000.00	\$0.00
124	1-Oct-12	17	4	\$1,000.07	Yes	\$1,000.00	(\$0.07)
125	1-Oct-12	17	5	\$1,000.00	Yes	\$1,000.00	\$0.00
126	1-Oct-12	17	6	\$1,000.10	Yes	\$1,000.00	(\$0.10)
127	1-Oct-12	17	7	\$995.43	Yes	\$1,000.00	\$4.57
128	1-Oct-12	17	8	\$1,000.00	Yes	\$1,000.00	\$0.00
129	1-Oct-12	17	9	\$1,000.00	Yes	\$1,000.00	\$0.00
130	1-Oct-12	17	10	\$1,001.90	Yes	\$1,000.00	(\$1.90)
131	1-Oct-12	17	11	\$1,001.90	Yes	\$1,000.00	(\$1.90)
132	1-Oct-12	17	12	\$55.11	Yes	\$1,000.00	\$944.89



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	1-Oct-12	18	1	\$47.00	Yes	\$1,000.00	\$953.00
134	1-Oct-12	18	2	\$45.25	Yes	\$1,000.00	\$954.75
135	1-Oct-12	18	3	\$47.00	Yes	\$1,000.00	\$953.00
136	1-Oct-12	18	4	\$45.41	Yes	\$1,000.00	\$954.59
137	1-Oct-12	18	5	\$42.96	Yes	\$1,000.00	\$957.04
138	1-Oct-12	18	6	\$42.96	Yes	\$1,000.00	\$957.04
139	1-Oct-12	18	7	\$42.41	Yes	\$1,000.00	\$957.59
140	1-Oct-12	18	8	\$42.16	Yes	\$1,000.00	\$957.84
141	1-Oct-12	18	9	\$42.35	Yes	\$1,000.00	\$957.65
142	1-Oct-12	18	10	\$38.78	Yes	\$1,000.00	\$961.22
143	1-Oct-12	18	11	\$39.39	Yes	\$1,000.00	\$960.61
144	1-Oct-12	18	12	\$41.09	Yes	\$1,000.00	\$958.91
145	1-Oct-12	19	1	\$41.07	Yes	\$1,000.00	\$958.93
146	1-Oct-12	19	2	\$40.94	Yes	\$1,000.00	\$959.06
147	1-Oct-12	19	3	\$41.05	Yes	\$1,000.00	\$958.95
148	1-Oct-12	19	4	\$41.43	Yes	\$1,000.00	\$958.57
149	1-Oct-12	19	5	\$41.16	Yes	\$1,000.00	\$958.84
150	1-Oct-12	19	6	\$46.92	Yes	\$1,000.00	\$953.08
151	1-Oct-12	19	7	\$41.29	Yes	\$1,000.00	\$958.71
152	1-Oct-12	19	8	\$40.61	Yes	\$1,000.00	\$959.39
153	1-Oct-12	19	9	\$41.05	Yes	\$1,000.00	\$958.95
154	1-Oct-12	19	10	\$45.44	Yes	\$1,000.00	\$954.56
155	1-Oct-12	19	11	\$42.33	Yes	\$1,000.00	\$957.67
156	1-Oct-12	19	12	\$42.58	Yes	\$1,000.00	\$957.42
157	1-Oct-12	20	1	\$40.68	Yes	\$1,000.00	\$959.32
158	1-Oct-12	20	2	\$37.30	Yes	\$1,000.00	\$962.70
159	1-Oct-12	20	3	\$38.33	Yes	\$1,000.00	\$961.67
160	1-Oct-12	20	4	\$37.24	Yes	\$1,000.00	\$962.76
161	1-Oct-12	20	5	\$38.32	Yes	\$1,000.00	\$961.68
162	1-Oct-12	20	6	\$35.33	Yes	\$1,000.00	\$964.67
163	1-Oct-12	20	7	\$35.29	Yes	\$1,000.00	\$964.71
164	1-Oct-12	20	8	\$35.26	Yes	\$1,000.00	\$964.74
165	1-Oct-12	20	9	\$35.34	Yes	\$1,000.00	\$964.66
166	1-Oct-12	20	10	\$33.32	Yes	\$1,000.00	\$966.68
167	1-Oct-12	20	11	\$32.26	Yes	\$1,000.00	\$967.74
168	1-Oct-12	20	12	\$29.70	Yes	\$1,000.00	\$970.30
169	1-Oct-12	21	1	\$32.56	Yes	\$1,000.00	\$967.44
170	1-Oct-12	21	2	\$35.09	Yes	\$1,000.00	\$964.91
171	1-Oct-12	21	3	\$37.75	Yes	\$1,000.00	\$962.25
172	1-Oct-12	21	4	\$39.00	Yes	\$1,000.00	\$961.00
173	1-Oct-12	21	5	\$38.74	Yes	\$1,000.00	\$961.26
174	1-Oct-12	21	6	\$35.20	Yes	\$1,000.00	\$964.80
175	1-Oct-12	21	7	\$29.33	Yes	\$1,000.00	\$970.67
176	1-Oct-12	21	8	\$29.33	Yes	\$1,000.00	\$970.67
177	1-Oct-12	21	9	\$28.60	Yes	\$1,000.00	\$971.40

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	1-Oct-12	21	10	\$28.83	Yes	\$1,000.00	\$971.17
179	1-Oct-12	21	11	\$28.64	Yes	\$1,000.00	\$971.36
180	1-Oct-12	21	12	\$28.64	Yes	\$1,000.00	\$971.36
181	1-Oct-12	22	1	\$30.00	Yes	\$1,000.00	\$970.00
182	1-Oct-12	22	2	\$30.92	Yes	\$1,000.00	\$969.08
183	1-Oct-12	22	3	\$32.80	Yes	\$1,000.00	\$967.20
184	1-Oct-12	22	4	\$32.15	Yes	\$1,000.00	\$967.85
185	1-Oct-12	22	5	\$31.00	Yes	\$1,000.00	\$969.00
186	1-Oct-12	22	6	\$30.00	Yes	\$1,000.00	\$970.00
187	1-Oct-12	22	7	\$29.07	Yes	\$1,000.00	\$970.93
188	1-Oct-12	22	8	\$28.94	Yes	\$1,000.00	\$971.06
189	1-Oct-12	22	9	\$28.36	Yes	\$1,000.00	\$971.64
190	1-Oct-12	22	10	\$27.32	Yes	\$1,000.00	\$972.68
191	1-Oct-12	22	11	\$26.91	Yes	\$1,000.00	\$973.09
192	1-Oct-12	22	12	\$25.80	Yes	\$1,000.00	\$974.20
193	1-Oct-12	23	1	\$30.60	Yes	\$1,000.00	\$969.40
194	1-Oct-12	23	2	\$35.10	Yes	\$1,000.00	\$964.90
195	1-Oct-12	23	3	\$39.23	Yes	\$1,000.00	\$960.77
196	1-Oct-12	23	4	\$36.97	Yes	\$1,000.00	\$963.03
197	1-Oct-12	23	5	\$31.97	Yes	\$1,000.00	\$968.03
198	1-Oct-12	23	6	\$30.45	Yes	\$1,000.00	\$969.55
199	1-Oct-12	23	7	\$27.10	Yes	\$1,000.00	\$972.90
200	1-Oct-12	23	8	\$26.92	Yes	\$1,000.00	\$973.08
201	1-Oct-12	23	9	\$26.65	Yes	\$1,000.00	\$973.35
202	1-Oct-12	23	10	\$26.73	Yes	\$1,000.00	\$973.27
203	1-Oct-12	23	11	\$26.48	Yes	\$1,000.00	\$973.52
204	1-Oct-12	23	12	\$26.44	Yes	\$1,000.00	\$973.56
205	1-Oct-12	24	1	\$36.93	Yes	\$1,000.00	\$963.07
206	1-Oct-12	24	2	\$36.93	Yes	\$1,000.00	\$963.07
207	1-Oct-12	24	3	\$36.93	Yes	\$1,000.00	\$963.07
208	1-Oct-12	24	4	\$36.27	Yes	\$1,000.00	\$963.73
209	1-Oct-12	24	5	\$34.38	Yes	\$1,000.00	\$965.62
210	1-Oct-12	24	6	\$34.38	Yes	\$1,000.00	\$965.62
211	1-Oct-12	24	7	\$27.14	Yes	\$1,000.00	\$972.86
212	1-Oct-12	24	8	\$26.69	Yes	\$1,000.00	\$973.31
213	1-Oct-12	24	9	\$26.16	Yes	\$1,000.00	\$973.84
214	1-Oct-12	24	10	\$26.57	Yes	\$1,000.00	\$973.43
215	1-Oct-12	24	11	\$26.38	Yes	\$1,000.00	\$973.62
216	1-Oct-12	24	12	\$25.00	Yes	\$1,000.00	\$975.00
217	2-Oct-12	7	4	\$26.12	Yes	\$1,000.00	\$973.88
218	2-Oct-12	7	5	\$28.57	Yes	\$1,000.00	\$971.43
219	2-Oct-12	7	6	\$28.57	Yes	\$1,000.00	\$971.43
220	2-Oct-12	7	7	\$29.72	Yes	\$1,000.00	\$970.28
221	2-Oct-12	7	8	\$30.62	Yes	\$1,000.00	\$969.38
222	2-Oct-12	7	9	\$30.83	Yes	\$1,000.00	\$969.17

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	2-Oct-12	7	10	\$29.86	Yes	\$1,000.00	\$970.14
224	2-Oct-12	7	11	\$29.86	Yes	\$1,000.00	\$970.14
225	2-Oct-12	7	12	\$30.24	Yes	\$1,000.00	\$969.76
226	2-Oct-12	8	1	\$29.28	Yes	\$1,000.00	\$970.72
227	2-Oct-12	8	2	\$27.68	Yes	\$1,000.00	\$972.32
228	2-Oct-12	8	3	\$27.53	Yes	\$1,000.00	\$972.47
229	2-Oct-12	8	4	\$25.89	Yes	\$1,000.00	\$974.11
230	2-Oct-12	8	5	\$26.18	Yes	\$1,000.00	\$973.82
231	2-Oct-12	8	6	\$26.50	Yes	\$1,000.00	\$973.50
232	2-Oct-12	8	7	\$27.45	Yes	\$1,000.00	\$972.55
233	2-Oct-12	8	8	\$26.94	Yes	\$1,000.00	\$973.06
234	2-Oct-12	8	9	\$26.94	Yes	\$1,000.00	\$973.06
235	2-Oct-12	8	10	\$26.59	Yes	\$1,000.00	\$973.41
236	2-Oct-12	8	11	\$26.59	Yes	\$1,000.00	\$973.41
237	2-Oct-12	8	12	\$27.51	Yes	\$1,000.00	\$972.49
238	2-Oct-12	9	1	\$26.18	Yes	\$1,000.00	\$973.82
239	2-Oct-12	9	2	\$26.38	Yes	\$1,000.00	\$973.62
240	2-Oct-12	9	3	\$26.52	Yes	\$1,000.00	\$973.48
241	2-Oct-12	9	4	\$27.36	Yes	\$1,000.00	\$972.64
242	2-Oct-12	9	5	\$27.36	Yes	\$1,000.00	\$972.64
243	2-Oct-12	9	6	\$27.53	Yes	\$1,000.00	\$972.47
244	2-Oct-12	9	7	\$26.81	Yes	\$1,000.00	\$973.19
245	2-Oct-12	9	8	\$27.45	Yes	\$1,000.00	\$972.55
246	2-Oct-12	9	9	\$28.66	Yes	\$1,000.00	\$971.34
247	2-Oct-12	9	10	\$27.67	Yes	\$1,000.00	\$972.33
248	2-Oct-12	9	11	\$27.89	Yes	\$1,000.00	\$972.11
249	2-Oct-12	9	12	\$28.62	Yes	\$1,000.00	\$971.38
250	2-Oct-12	10	1	\$27.41	Yes	\$1,000.00	\$972.59
251	2-Oct-12	10	2	\$27.50	Yes	\$1,000.00	\$972.50
252	2-Oct-12	10	3	\$27.50	Yes	\$1,000.00	\$972.50
253	2-Oct-12	10	4	\$27.68	Yes	\$1,000.00	\$972.32
254	2-Oct-12	10	5	\$28.59	Yes	\$1,000.00	\$971.41
255	2-Oct-12	10	6	\$29.28	Yes	\$1,000.00	\$970.72
256	2-Oct-12	10	7	\$32.56	Yes	\$1,000.00	\$967.44
257	2-Oct-12	10	8	\$33.60	Yes	\$1,000.00	\$966.40
258	2-Oct-12	10	9	\$35.26	Yes	\$1,000.00	\$964.74
259	2-Oct-12	10	10	\$37.15	Yes	\$1,000.00	\$962.85
260	2-Oct-12	10	11	\$35.49	Yes	\$1,000.00	\$964.51
261	2-Oct-12	10	12	\$38.51	Yes	\$1,000.00	\$961.49
262	2-Oct-12	11	1	\$30.03	Yes	\$1,000.00	\$969.97
263	2-Oct-12	11	2	\$34.30	Yes	\$1,000.00	\$965.70
264	2-Oct-12	11	3	\$35.61	Yes	\$1,000.00	\$964.39
265	2-Oct-12	11	4	\$37.36	Yes	\$1,000.00	\$962.64
266	2-Oct-12	11	5	\$35.68	Yes	\$1,000.00	\$964.32
267	2-Oct-12	11	6	\$35.63	Yes	\$1,000.00	\$964.37

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	2-Oct-12	11	7	\$34.49	Yes	\$1,000.00	\$965.51
269	2-Oct-12	11	8	\$34.49	Yes	\$1,000.00	\$965.51
270	2-Oct-12	11	9	\$37.69	Yes	\$1,000.00	\$962.31
271	2-Oct-12	11	10	\$38.42	Yes	\$1,000.00	\$961.58
272	2-Oct-12	11	11	\$38.42	Yes	\$1,000.00	\$961.58
273	2-Oct-12	11	12	\$40.51	Yes	\$1,000.00	\$959.49
274	2-Oct-12	12	1	\$38.08	Yes	\$1,000.00	\$961.92
275	2-Oct-12	12	2	\$40.86	Yes	\$1,000.00	\$959.14
276	2-Oct-12	12	3	\$41.35	Yes	\$1,000.00	\$958.65
277	2-Oct-12	12	4	\$41.56	Yes	\$1,000.00	\$958.44
278	2-Oct-12	12	5	\$40.82	Yes	\$1,000.00	\$959.18
279	2-Oct-12	12	6	\$40.60	Yes	\$1,000.00	\$959.40
280	2-Oct-12	12	7	\$37.46	Yes	\$1,000.00	\$962.54
281	2-Oct-12	12	8	\$33.29	Yes	\$1,000.00	\$966.71
282	2-Oct-12	12	9	\$33.29	Yes	\$1,000.00	\$966.71
283	2-Oct-12	12	10	\$34.91	Yes	\$1,000.00	\$965.09
284	2-Oct-12	12	11	\$41.25	Yes	\$1,000.00	\$958.75
285	2-Oct-12	12	12	\$39.35	Yes	\$1,000.00	\$960.65
286	2-Oct-12	13	1	\$30.04	Yes	\$1,000.00	\$969.96
287	2-Oct-12	13	2	\$32.68	Yes	\$1,000.00	\$967.32
288	2-Oct-12	13	3	\$34.82	Yes	\$1,000.00	\$965.18
289	2-Oct-12	13	4	\$36.12	Yes	\$1,000.00	\$963.88
290	2-Oct-12	13	5	\$37.51	Yes	\$1,000.00	\$962.49
291	2-Oct-12	13	6	\$41.15	Yes	\$1,000.00	\$958.85
292	2-Oct-12	13	7	\$48.27	Yes	\$1,000.00	\$951.73
293	2-Oct-12	13	8	\$44.02	Yes	\$1,000.00	\$955.98
294	2-Oct-12	13	9	\$43.59	Yes	\$1,000.00	\$956.41
295	2-Oct-12	13	10	\$43.63	Yes	\$1,000.00	\$956.37
296	2-Oct-12	13	11	\$47.90	Yes	\$1,000.00	\$952.10
297	2-Oct-12	13	12	\$56.17	Yes	\$1,000.00	\$943.83
298	2-Oct-12	14	1	\$30.05	Yes	\$1,000.00	\$969.95
299	2-Oct-12	14	2	\$34.28	Yes	\$1,000.00	\$965.72
300	2-Oct-12	14	3	\$34.28	Yes	\$1,000.00	\$965.72
301	2-Oct-12	14	4	\$35.97	Yes	\$1,000.00	\$964.03
302	2-Oct-12	14	5	\$38.14	Yes	\$1,000.00	\$961.86
303	2-Oct-12	14	6	\$38.70	Yes	\$1,000.00	\$961.30
304	2-Oct-12	14	7	\$43.01	Yes	\$1,000.00	\$956.99
305	2-Oct-12	14	8	\$37.96	Yes	\$1,000.00	\$962.04
306	2-Oct-12	14	9	\$41.18	Yes	\$1,000.00	\$958.82
307	2-Oct-12	14	10	\$42.86	Yes	\$1,000.00	\$957.14
308	2-Oct-12	14	11	\$41.03	Yes	\$1,000.00	\$958.97
309	2-Oct-12	14	12	\$40.91	Yes	\$1,000.00	\$959.09
310	2-Oct-12	15	1	\$36.66	Yes	\$1,000.00	\$963.34
311	2-Oct-12	15	2	\$37.08	Yes	\$1,000.00	\$962.92
312	2-Oct-12	15	3	\$37.63	Yes	\$1,000.00	\$962.37

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	2-Oct-12	15	4	\$37.80	Yes	\$1,000.00	\$962.20
314	2-Oct-12	15	5	\$38.81	Yes	\$1,000.00	\$961.19
315	2-Oct-12	15	6	\$40.75	Yes	\$1,000.00	\$959.25
316	2-Oct-12	15	7	\$40.44	Yes	\$1,000.00	\$959.56
317	2-Oct-12	15	8	\$40.44	Yes	\$1,000.00	\$959.56
318	2-Oct-12	15	9	\$37.56	Yes	\$1,000.00	\$962.44
319	2-Oct-12	15	10	\$38.59	Yes	\$1,000.00	\$961.41
320	2-Oct-12	15	11	\$40.26	Yes	\$1,000.00	\$959.74
321	2-Oct-12	15	12	\$41.06	Yes	\$1,000.00	\$958.94
322	2-Oct-12	16	1	\$40.90	Yes	\$1,000.00	\$959.10
323	2-Oct-12	16	2	\$42.56	Yes	\$1,000.00	\$957.44
324	2-Oct-12	16	3	\$42.42	Yes	\$1,000.00	\$957.58
325	2-Oct-12	16	4	\$40.66	Yes	\$1,000.00	\$959.34
326	2-Oct-12	16	5	\$42.12	Yes	\$1,000.00	\$957.88
327	2-Oct-12	16	6	\$45.16	Yes	\$1,000.00	\$954.84
328	2-Oct-12	16	7	\$45.17	Yes	\$1,000.00	\$954.83
329	2-Oct-12	16	8	\$48.52	Yes	\$1,000.00	\$951.48
330	2-Oct-12	16	9	\$48.52	Yes	\$1,000.00	\$951.48
331	2-Oct-12	16	10	\$45.17	Yes	\$1,000.00	\$954.83
332	2-Oct-12	16	11	\$45.38	Yes	\$1,000.00	\$954.62
333	2-Oct-12	16	12	\$48.49	Yes	\$1,000.00	\$951.51
334	2-Oct-12	17	1	\$48.46	Yes	\$1,000.00	\$951.54
335	2-Oct-12	17	2	\$54.63	Yes	\$1,000.00	\$945.37
336	2-Oct-12	17	3	\$54.90	Yes	\$1,000.00	\$945.10
337	2-Oct-12	17	4	\$45.16	Yes	\$1,000.00	\$954.84
338	2-Oct-12	17	5	\$45.16	Yes	\$1,000.00	\$954.84
339	2-Oct-12	17	6	\$45.16	Yes	\$1,000.00	\$954.84
340	2-Oct-12	17	7	\$48.46	Yes	\$1,000.00	\$951.54
341	2-Oct-12	17	8	\$48.47	Yes	\$1,000.00	\$951.53
342	2-Oct-12	17	9	\$46.37	Yes	\$1,000.00	\$953.63
343	2-Oct-12	17	10	\$45.20	Yes	\$1,000.00	\$954.80
344	2-Oct-12	17	11	\$44.72	Yes	\$1,000.00	\$955.28
345	2-Oct-12	17	12	\$44.72	Yes	\$1,000.00	\$955.28
346	2-Oct-12	18	1	\$42.10	Yes	\$1,000.00	\$957.90
347	2-Oct-12	18	2	\$41.58	Yes	\$1,000.00	\$958.42
348	2-Oct-12	18	3	\$41.21	Yes	\$1,000.00	\$958.79
349	2-Oct-12	18	4	\$41.51	Yes	\$1,000.00	\$958.49
350	2-Oct-12	18	5	\$43.25	Yes	\$1,000.00	\$956.75
351	2-Oct-12	18	6	\$42.44	Yes	\$1,000.00	\$957.56
352	2-Oct-12	18	7	\$42.21	Yes	\$1,000.00	\$957.79
353	2-Oct-12	18	8	\$41.95	Yes	\$1,000.00	\$958.05
354	2-Oct-12	18	9	\$42.30	Yes	\$1,000.00	\$957.70
355	2-Oct-12	18	10	\$41.28	Yes	\$1,000.00	\$958.72
356	2-Oct-12	18	11	\$40.35	Yes	\$1,000.00	\$959.65
357	2-Oct-12	18	12	\$38.70	Yes	\$1,000.00	\$961.30

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	2-Oct-12	19	1	\$39.91	Yes	\$1,000.00	\$960.09
359	2-Oct-12	19	2	\$41.33	Yes	\$1,000.00	\$958.67
360	2-Oct-12	19	3	\$41.46	Yes	\$1,000.00	\$958.54
361	2-Oct-12	19	4	\$40.96	Yes	\$1,000.00	\$959.04
362	2-Oct-12	19	5	\$41.08	Yes	\$1,000.00	\$958.92
363	2-Oct-12	19	6	\$40.19	Yes	\$1,000.00	\$959.81
364	2-Oct-12	19	7	\$41.05	Yes	\$1,000.00	\$958.95
365	2-Oct-12	19	8	\$41.05	Yes	\$1,000.00	\$958.95
366	2-Oct-12	19	9	\$42.58	Yes	\$1,000.00	\$957.42
367	2-Oct-12	19	10	\$43.06	Yes	\$1,000.00	\$956.94
368	2-Oct-12	19	11	\$43.65	Yes	\$1,000.00	\$956.35
369	2-Oct-12	19	12	\$43.15	Yes	\$1,000.00	\$956.85
370	2-Oct-12	20	1	\$42.53	Yes	\$1,000.00	\$957.47
371	2-Oct-12	20	2	\$41.70	Yes	\$1,000.00	\$958.30
372	2-Oct-12	20	3	\$38.18	Yes	\$1,000.00	\$961.82
373	2-Oct-12	20	4	\$36.33	Yes	\$1,000.00	\$963.67
374	2-Oct-12	20	5	\$38.18	Yes	\$1,000.00	\$961.82
375	2-Oct-12	20	6	\$36.33	Yes	\$1,000.00	\$963.67
376	2-Oct-12	20	7	\$36.17	Yes	\$1,000.00	\$963.83
377	2-Oct-12	20	8	\$36.52	Yes	\$1,000.00	\$963.48
378	2-Oct-12	20	9	\$38.77	Yes	\$1,000.00	\$961.23
379	2-Oct-12	20	10	\$38.00	Yes	\$1,000.00	\$962.00
380	2-Oct-12	20	11	\$35.23	Yes	\$1,000.00	\$964.77
381	2-Oct-12	20	12	\$31.75	Yes	\$1,000.00	\$968.25
382	3-Oct-12	7	1	\$22.65	Yes	\$1,000.00	\$977.35
383	3-Oct-12	7	2	\$22.38	Yes	\$1,000.00	\$977.62
384	3-Oct-12	7	3	\$22.00	Yes	\$1,000.00	\$978.00
385	3-Oct-12	7	4	\$19.00	Yes	\$1,000.00	\$981.00
386	3-Oct-12	7	5	\$26.44	Yes	\$1,000.00	\$973.56
387	3-Oct-12	7	6	\$26.44	Yes	\$1,000.00	\$973.56
388	3-Oct-12	7	7	\$26.65	Yes	\$1,000.00	\$973.35
389	3-Oct-12	7	8	\$26.31	Yes	\$1,000.00	\$973.69
390	3-Oct-12	7	9	\$26.35	Yes	\$1,000.00	\$973.65
391	3-Oct-12	7	10	\$26.58	Yes	\$1,000.00	\$973.42
392	3-Oct-12	7	11	\$26.69	Yes	\$1,000.00	\$973.31
393	3-Oct-12	7	12	\$30.71	Yes	\$1,000.00	\$969.29
394	3-Oct-12	8	1	\$25.38	Yes	\$1,000.00	\$974.62
395	3-Oct-12	8	2	\$25.53	Yes	\$1,000.00	\$974.47
396	3-Oct-12	8	3	\$14.37	Yes	\$1,000.00	\$985.63
397	3-Oct-12	8	4	\$23.89	Yes	\$1,000.00	\$976.11
398	3-Oct-12	8	5	\$24.64	Yes	\$1,000.00	\$975.36
399	3-Oct-12	8	6	\$25.53	Yes	\$1,000.00	\$974.47
400	3-Oct-12	8	7	\$26.02	Yes	\$1,000.00	\$973.98
401	3-Oct-12	8	8	\$25.76	Yes	\$1,000.00	\$974.24
402	3-Oct-12	8	9	\$26.31	Yes	\$1,000.00	\$973.69

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	3-Oct-12	8	10	\$26.12	Yes	\$1,000.00	\$973.88
404	3-Oct-12	8	11	\$26.11	Yes	\$1,000.00	\$973.89
405	3-Oct-12	8	12	\$26.49	Yes	\$1,000.00	\$973.51
406	3-Oct-12	9	1	\$25.28	Yes	\$1,000.00	\$974.72
407	3-Oct-12	9	2	\$22.79	Yes	\$1,000.00	\$977.21
408	3-Oct-12	9	3	\$14.72	Yes	\$1,000.00	\$985.28
409	3-Oct-12	9	4	\$19.44	Yes	\$1,000.00	\$980.56
410	3-Oct-12	9	5	\$25.77	Yes	\$1,000.00	\$974.23
411	3-Oct-12	9	6	\$25.98	Yes	\$1,000.00	\$974.02
412	3-Oct-12	9	7	\$27.38	Yes	\$1,000.00	\$972.62
413	3-Oct-12	9	8	\$26.67	Yes	\$1,000.00	\$973.33
414	3-Oct-12	9	9	\$27.38	Yes	\$1,000.00	\$972.62
415	3-Oct-12	9	10	\$27.37	Yes	\$1,000.00	\$972.63
416	3-Oct-12	9	11	\$27.45	Yes	\$1,000.00	\$972.55
417	3-Oct-12	9	12	\$28.49	Yes	\$1,000.00	\$971.51
418	3-Oct-12	10	1	\$27.43	Yes	\$1,000.00	\$972.57
419	3-Oct-12	10	2	\$27.43	Yes	\$1,000.00	\$972.57
420	3-Oct-12	10	3	\$27.43	Yes	\$1,000.00	\$972.57
421	3-Oct-12	10	4	\$27.51	Yes	\$1,000.00	\$972.49
422	3-Oct-12	10	5	\$27.52	Yes	\$1,000.00	\$972.48
423	3-Oct-12	10	6	\$27.82	Yes	\$1,000.00	\$972.18
424	3-Oct-12	10	7	\$28.42	Yes	\$1,000.00	\$971.58
425	3-Oct-12	10	8	\$32.99	Yes	\$1,000.00	\$967.01
426	3-Oct-12	10	9	\$36.11	Yes	\$1,000.00	\$963.89
427	3-Oct-12	10	10	\$34.49	Yes	\$1,000.00	\$965.51
428	3-Oct-12	10	11	\$39.24	Yes	\$1,000.00	\$960.76
429	3-Oct-12	10	12	\$46.31	Yes	\$1,000.00	\$953.69
430	3-Oct-12	11	1	\$44.14	Yes	\$1,000.00	\$955.86
431	3-Oct-12	11	2	\$44.14	Yes	\$1,000.00	\$955.86
432	3-Oct-12	11	3	\$44.06	Yes	\$1,000.00	\$955.94
433	3-Oct-12	11	4	\$28.90	Yes	\$1,000.00	\$971.10
434	3-Oct-12	11	5	\$34.47	Yes	\$1,000.00	\$965.53
435	3-Oct-12	11	6	\$35.97	Yes	\$1,000.00	\$964.03
436	3-Oct-12	11	7	\$37.09	Yes	\$1,000.00	\$962.91
437	3-Oct-12	11	8	\$38.51	Yes	\$1,000.00	\$961.49
438	3-Oct-12	11	9	\$35.86	Yes	\$1,000.00	\$964.14
439	3-Oct-12	11	10	\$39.54	Yes	\$1,000.00	\$960.46
440	3-Oct-12	11	11	\$44.76	Yes	\$1,000.00	\$955.24
441	3-Oct-12	11	12	\$40.79	Yes	\$1,000.00	\$959.21
442	3-Oct-12	12	1	\$39.77	Yes	\$1,000.00	\$960.23
443	3-Oct-12	12	2	\$38.86	Yes	\$1,000.00	\$961.14
444	3-Oct-12	12	3	\$38.59	Yes	\$1,000.00	\$961.41
445	3-Oct-12	12	4	\$39.17	Yes	\$1,000.00	\$960.83
446	3-Oct-12	12	5	\$39.17	Yes	\$1,000.00	\$960.83
447	3-Oct-12	12	6	\$40.31	Yes	\$1,000.00	\$959.69

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	3-Oct-12	12	7	\$40.73	Yes	\$1,000.00	\$959.27
449	3-Oct-12	12	8	\$41.80	Yes	\$1,000.00	\$958.20
450	3-Oct-12	12	9	\$41.66	Yes	\$1,000.00	\$958.34
451	3-Oct-12	12	10	\$41.44	Yes	\$1,000.00	\$958.56
452	3-Oct-12	12	11	\$40.53	Yes	\$1,000.00	\$959.47
453	3-Oct-12	12	12	\$44.53	Yes	\$1,000.00	\$955.47
454	3-Oct-12	13	1	\$35.46	Yes	(\$30.00)	(\$65.46)
455	3-Oct-12	13	2	\$38.60	Yes	(\$30.00)	(\$68.60)
456	3-Oct-12	13	3	\$39.07	Yes	(\$30.00)	(\$69.07)
457	3-Oct-12	13	4	\$40.30	Yes	(\$30.00)	(\$70.30)
458	3-Oct-12	13	5	\$44.04	Yes	(\$30.00)	(\$74.04)
459	3-Oct-12	13	6	\$44.58	Yes	(\$30.00)	(\$74.58)
460	3-Oct-12	13	7	\$40.49	Yes	(\$30.00)	(\$70.49)
461	3-Oct-12	13	8	\$42.03	Yes	(\$30.00)	(\$72.03)
462	3-Oct-12	13	9	\$42.43	Yes	(\$30.00)	(\$72.43)
463	3-Oct-12	13	10	\$44.18	Yes	(\$30.00)	(\$74.18)
464	3-Oct-12	13	11	\$43.57	Yes	(\$30.00)	(\$73.57)
465	3-Oct-12	13	12	\$44.10	Yes	(\$30.00)	(\$74.10)
466	3-Oct-12	14	1	\$40.20	Yes	(\$30.00)	(\$70.20)
467	3-Oct-12	14	2	\$155.88	Yes	(\$30.00)	(\$185.88)
468	3-Oct-12	14	3	\$41.31	Yes	(\$30.00)	(\$71.31)
469	3-Oct-12	14	4	\$42.00	Yes	(\$30.00)	(\$72.00)
470	3-Oct-12	14	5	\$44.50	Yes	(\$30.00)	(\$74.50)
471	3-Oct-12	14	6	\$45.20	Yes	(\$30.00)	(\$75.20)
472	3-Oct-12	14	7	\$46.80	Yes	(\$30.00)	(\$76.80)
473	3-Oct-12	14	8	\$48.93	Yes	(\$30.00)	(\$78.93)
474	3-Oct-12	14	9	\$48.93	Yes	(\$30.00)	(\$78.93)
475	3-Oct-12	14	10	\$51.16	Yes	(\$30.00)	(\$81.16)
476	3-Oct-12	14	11	\$52.28	Yes	(\$30.00)	(\$82.28)
477	3-Oct-12	14	12	\$58.76	Yes	(\$30.00)	(\$88.76)
478	3-Oct-12	15	1	\$39.98	Yes	(\$30.00)	(\$69.98)
479	3-Oct-12	15	2	\$39.69	Yes	(\$30.00)	(\$69.69)
480	3-Oct-12	15	3	\$40.27	Yes	(\$30.00)	(\$70.27)
481	3-Oct-12	15	4	\$41.09	Yes	(\$30.00)	(\$71.09)
482	3-Oct-12	15	5	\$40.76	Yes	(\$30.00)	(\$70.76)
483	3-Oct-12	15	6	\$40.76	Yes	(\$30.00)	(\$70.76)
484	3-Oct-12	15	7	\$45.63	Yes	(\$30.00)	(\$75.63)
485	3-Oct-12	15	8	\$47.82	Yes	(\$30.00)	(\$77.82)
486	3-Oct-12	15	9	\$47.90	Yes	(\$30.00)	(\$77.90)
487	3-Oct-12	15	10	\$47.15	Yes	(\$30.00)	(\$77.15)
488	3-Oct-12	15	11	\$47.89	Yes	(\$30.00)	(\$77.89)
489	3-Oct-12	15	12	\$48.92	Yes	(\$30.00)	(\$78.92)
490	3-Oct-12	16	1	\$41.01	Yes	(\$30.00)	(\$71.01)
491	3-Oct-12	16	2	\$40.89	Yes	(\$30.00)	(\$70.89)
492	3-Oct-12	16	3	\$41.01	Yes	(\$30.00)	(\$71.01)



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	3-Oct-12	16	4	\$42.03	Yes	(\$30.00)	(\$72.03)
494	3-Oct-12	16	5	\$43.65	Yes	(\$30.00)	(\$73.65)
495	3-Oct-12	16	6	\$43.65	Yes	(\$30.00)	(\$73.65)
496	3-Oct-12	16	7	\$41.20	Yes	(\$30.00)	(\$71.20)
497	3-Oct-12	16	8	\$41.20	Yes	(\$30.00)	(\$71.20)
498	3-Oct-12	16	9	\$41.68	Yes	(\$30.00)	(\$71.68)
499	3-Oct-12	16	10	\$41.70	Yes	(\$30.00)	(\$71.70)
500	3-Oct-12	16	11	\$41.67	Yes	(\$30.00)	(\$71.67)
501	3-Oct-12	16	12	\$41.83	Yes	(\$30.00)	(\$71.83)
502	3-Oct-12	17	1	\$40.85	Yes	(\$30.00)	(\$70.85)
503	3-Oct-12	17	2	\$40.85	Yes	(\$30.00)	(\$70.85)
504	3-Oct-12	17	3	\$40.53	Yes	(\$30.00)	(\$70.53)
505	3-Oct-12	17	4	\$40.75	Yes	(\$30.00)	(\$70.75)
506	3-Oct-12	17	5	\$40.43	Yes	(\$30.00)	(\$70.43)
507	3-Oct-12	17	6	\$42.05	Yes	(\$30.00)	(\$72.05)
508	3-Oct-12	17	7	\$40.67	Yes	(\$30.00)	(\$70.67)
509	3-Oct-12	17	8	\$40.67	Yes	(\$30.00)	(\$70.67)
510	3-Oct-12	17	9	\$40.21	Yes	(\$30.00)	(\$70.21)
511	3-Oct-12	17	10	\$40.08	Yes	(\$30.00)	(\$70.08)
512	3-Oct-12	17	11	\$39.61	Yes	(\$30.00)	(\$69.61)
513	3-Oct-12	17	12	\$39.33	Yes	(\$30.00)	(\$69.33)
514	3-Oct-12	18	1	\$43.71	Yes	(\$30.00)	(\$73.71)
515	3-Oct-12	18	2	\$40.60	Yes	(\$30.00)	(\$70.60)
516	3-Oct-12	18	3	\$40.73	Yes	(\$30.00)	(\$70.73)
517	3-Oct-12	18	4	\$44.30	Yes	(\$30.00)	(\$74.30)
518	3-Oct-12	18	5	\$41.64	Yes	(\$30.00)	(\$71.64)
519	3-Oct-12	18	6	\$40.19	Yes	(\$30.00)	(\$70.19)
520	3-Oct-12	18	7	\$39.44	Yes	(\$30.00)	(\$69.44)
521	3-Oct-12	18	8	\$32.27	Yes	(\$30.00)	(\$62.27)
522	3-Oct-12	18	9	\$32.24	Yes	(\$30.00)	(\$62.24)
523	3-Oct-12	18	10	\$31.32	Yes	(\$30.00)	(\$61.32)
524	3-Oct-12	18	11	\$31.32	Yes	(\$30.00)	(\$61.32)
525	3-Oct-12	18	12	\$30.53	Yes	(\$30.00)	(\$60.53)
526	3-Oct-12	19	1	\$31.35	Yes	(\$30.00)	(\$61.35)
527	3-Oct-12	19	2	\$31.35	Yes	(\$30.00)	(\$61.35)
528	3-Oct-12	19	3	\$31.36	Yes	(\$30.00)	(\$61.36)
529	3-Oct-12	19	4	\$31.55	Yes	(\$30.00)	(\$61.55)
530	3-Oct-12	19	5	\$31.36	Yes	(\$30.00)	(\$61.36)
531	3-Oct-12	19	6	\$31.36	Yes	(\$30.00)	(\$61.36)
532	3-Oct-12	19	7	\$32.08	Yes	(\$30.00)	(\$62.08)
533	3-Oct-12	19	8	\$32.08	Yes	(\$30.00)	(\$62.08)
534	3-Oct-12	19	9	\$32.08	Yes	(\$30.00)	(\$62.08)
535	3-Oct-12	19	10	\$35.36	Yes	(\$30.00)	(\$65.36)
536	3-Oct-12	19	11	\$38.66	Yes	(\$30.00)	(\$68.66)
537	3-Oct-12	19	12	\$39.28	Yes	(\$30.00)	(\$69.28)

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	3-Oct-12	20	1	\$38.90	Yes	(\$30.00)	(\$68.90)
539	3-Oct-12	20	2	\$39.02	Yes	(\$30.00)	(\$69.02)
540	3-Oct-12	20	3	\$39.02	Yes	(\$30.00)	(\$69.02)
541	3-Oct-12	20	4	\$34.03	Yes	(\$30.00)	(\$64.03)
542	3-Oct-12	20	5	\$29.61	Yes	(\$30.00)	(\$59.61)
543	3-Oct-12	20	6	\$29.13	Yes	(\$30.00)	(\$59.13)
544	3-Oct-12	20	7	\$29.09	Yes	(\$30.00)	(\$59.09)
545	3-Oct-12	20	8	\$27.84	Yes	(\$30.00)	(\$57.84)
546	3-Oct-12	20	9	\$27.74	Yes	(\$30.00)	(\$57.74)
547	3-Oct-12	20	10	\$27.58	Yes	(\$30.00)	(\$57.58)
548	3-Oct-12	20	11	\$27.58	Yes	(\$30.00)	(\$57.58)
549	3-Oct-12	20	12	\$26.82	Yes	(\$30.00)	(\$56.82)
550	3-Oct-12	21	1	\$32.28	Yes	(\$30.00)	(\$62.28)
551	3-Oct-12	21	2	\$32.28	Yes	(\$30.00)	(\$62.28)
552	3-Oct-12	21	3	\$39.63	Yes	(\$30.00)	(\$69.63)
553	3-Oct-12	21	4	\$39.33	Yes	(\$30.00)	(\$69.33)
554	3-Oct-12	21	5	\$37.07	Yes	(\$30.00)	(\$67.07)
555	3-Oct-12	21	6	\$35.87	Yes	(\$30.00)	(\$65.87)
556	3-Oct-12	21	7	\$31.37	Yes	(\$30.00)	(\$61.37)
557	3-Oct-12	21	8	\$27.92	Yes	(\$30.00)	(\$57.92)
558	3-Oct-12	21	9	\$27.99	Yes	(\$30.00)	(\$57.99)
559	3-Oct-12	21	10	\$27.30	Yes	(\$30.00)	(\$57.30)
560	3-Oct-12	21	11	\$27.11	Yes	(\$30.00)	(\$57.11)
561	3-Oct-12	21	12	\$27.11	Yes	(\$30.00)	(\$57.11)
562	3-Oct-12	22	1	\$27.33	Yes	\$1,000.00	\$972.67
563	3-Oct-12	22	2	\$27.48	Yes	\$1,000.00	\$972.52
564	3-Oct-12	22	3	\$27.48	Yes	\$1,000.00	\$972.52
565	3-Oct-12	22	4	\$27.76	Yes	\$1,000.00	\$972.24
566	3-Oct-12	22	5	\$27.47	Yes	\$1,000.00	\$972.53
567	3-Oct-12	22	6	\$27.48	Yes	\$1,000.00	\$972.52
568	3-Oct-12	22	7	\$27.07	Yes	\$1,000.00	\$972.93
569	3-Oct-12	22	8	\$26.95	Yes	\$1,000.00	\$973.05
570	3-Oct-12	22	9	\$26.79	Yes	\$1,000.00	\$973.21
571	3-Oct-12	22	10	\$26.14	Yes	\$1,000.00	\$973.86
572	3-Oct-12	22	11	\$25.02	Yes	\$1,000.00	\$974.98
573	3-Oct-12	22	12	\$19.76	Yes	\$1,000.00	\$980.24
574	4-Oct-12	10	1	\$25.73	Yes	\$1,000.00	\$974.27
575	4-Oct-12	10	2	\$21.76	Yes	\$1,000.00	\$978.24
576	4-Oct-12	10	3	\$24.66	Yes	\$1,000.00	\$975.34
577	4-Oct-12	10	4	\$25.63	Yes	\$1,000.00	\$974.37
578	4-Oct-12	10	5	\$24.98	Yes	\$1,000.00	\$975.02
579	4-Oct-12	10	6	\$24.98	Yes	\$1,000.00	\$975.02
580	4-Oct-12	10	7	\$24.99	Yes	\$1,000.00	\$975.01
581	4-Oct-12	10	8	\$25.21	Yes	\$1,000.00	\$974.79
582	4-Oct-12	10	9	\$26.42	Yes	\$1,000.00	\$973.58

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	4-Oct-12	10	10	\$25.89	Yes	\$1,000.00	\$974.11
584	4-Oct-12	10	11	\$26.27	Yes	\$1,000.00	\$973.73
585	4-Oct-12	10	12	\$26.27	Yes	\$1,000.00	\$973.73
586	4-Oct-12	11	1	\$24.82	Yes	\$1,000.00	\$975.18
587	4-Oct-12	11	2	\$18.31	Yes	\$1,000.00	\$981.69
588	4-Oct-12	11	3	\$15.20	Yes	\$1,000.00	\$984.80
589	4-Oct-12	11	4	\$20.97	Yes	\$1,000.00	\$979.03
590	4-Oct-12	11	5	\$21.74	Yes	\$1,000.00	\$978.26
591	4-Oct-12	11	6	\$26.72	Yes	\$1,000.00	\$973.28
592	4-Oct-12	11	7	\$25.82	Yes	\$1,000.00	\$974.18
593	4-Oct-12	11	8	\$22.71	Yes	\$1,000.00	\$977.29
594	4-Oct-12	11	9	\$25.17	Yes	\$1,000.00	\$974.83
595	4-Oct-12	11	10	\$25.30	Yes	\$1,000.00	\$974.70
596	4-Oct-12	11	11	\$25.30	Yes	\$1,000.00	\$974.70
597	4-Oct-12	11	12	\$25.33	Yes	\$1,000.00	\$974.67
598	4-Oct-12	12	1	\$24.86	Yes	\$1,000.00	\$975.14
599	4-Oct-12	12	2	(\$8.34)	Yes	\$1,000.00	\$1,008.34
600	4-Oct-12	12	3	\$17.68	Yes	\$1,000.00	\$982.32
601	4-Oct-12	12	4	(\$1.31)	Yes	\$1,000.00	\$1,001.31
602	4-Oct-12	12	5	\$22.80	Yes	\$1,000.00	\$977.20
603	4-Oct-12	12	6	\$23.14	Yes	\$1,000.00	\$976.86
604	4-Oct-12	12	7	(\$88.01)	Yes	\$1,000.00	\$1,088.01
605	4-Oct-12	12	8	\$26.06	Yes	\$1,000.00	\$973.94
606	4-Oct-12	12	9	\$24.11	Yes	\$1,000.00	\$975.89
607	4-Oct-12	12	10	\$26.09	Yes	\$1,000.00	\$973.91
608	4-Oct-12	12	11	\$25.53	Yes	\$1,000.00	\$974.47
609	4-Oct-12	12	12	\$26.03	Yes	\$1,000.00	\$973.97
610	4-Oct-12	13	1	(\$4.91)	Yes	\$1,000.00	\$1,004.91
611	4-Oct-12	13	2	\$23.85	Yes	\$1,000.00	\$976.15
612	4-Oct-12	13	3	\$26.25	Yes	\$1,000.00	\$973.75
613	4-Oct-12	13	4	\$23.82	Yes	\$1,000.00	\$976.18
614	4-Oct-12	13	5	\$24.03	Yes	\$1,000.00	\$975.97
615	4-Oct-12	13	6	\$23.56	Yes	\$1,000.00	\$976.44
616	4-Oct-12	13	7	\$25.48	Yes	\$1,000.00	\$974.52
617	4-Oct-12	13	8	\$25.77	Yes	\$1,000.00	\$974.23
618	4-Oct-12	13	9	\$25.14	Yes	\$1,000.00	\$974.86
619	4-Oct-12	13	10	\$26.29	Yes	\$1,000.00	\$973.71
620	4-Oct-12	13	11	\$26.29	Yes	\$1,000.00	\$973.71
621	4-Oct-12	13	12	\$26.29	Yes	\$1,000.00	\$973.71
622	4-Oct-12	14	1	\$25.81	Yes	\$38.14	\$12.33
623	4-Oct-12	14	2	\$25.90	Yes	\$38.14	\$12.24
624	4-Oct-12	14	3	\$25.90	Yes	\$38.14	\$12.24
625	4-Oct-12	14	4	\$26.51	Yes	\$38.14	\$11.63
626	4-Oct-12	14	5	\$26.29	Yes	\$38.14	\$11.85
627	4-Oct-12	14	6	\$26.92	Yes	\$38.14	\$11.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	4-Oct-12	14	7	(\$41.04)	Yes	\$38.14	\$79.18
629	4-Oct-12	14	8	\$25.53	Yes	\$38.14	\$12.61
630	4-Oct-12	14	9	\$25.53	Yes	\$38.14	\$12.61
631	4-Oct-12	14	10	\$28.39	Yes	\$38.14	\$9.75
632	4-Oct-12	14	11	\$27.26	Yes	\$38.14	\$10.88
633	4-Oct-12	14	12	\$29.28	Yes	\$38.14	\$8.86
634	4-Oct-12	15	1	\$25.15	Yes	\$38.14	\$12.99
635	4-Oct-12	15	2	\$26.69	Yes	\$38.14	\$11.45
636	4-Oct-12	15	3	\$24.70	Yes	\$38.14	\$13.44
637	4-Oct-12	15	4	\$24.76	Yes	\$38.14	\$13.38
638	4-Oct-12	15	5	\$26.78	Yes	\$38.14	\$11.36
639	4-Oct-12	15	6	\$26.67	Yes	\$38.14	\$11.47
640	4-Oct-12	15	7	\$27.12	Yes	\$38.14	\$11.02
641	4-Oct-12	15	8	\$27.42	Yes	\$38.14	\$10.72
642	4-Oct-12	15	9	\$27.12	Yes	\$38.14	\$11.02
643	4-Oct-12	15	10	\$27.02	Yes	\$38.14	\$11.12
644	4-Oct-12	15	11	\$27.16	Yes	\$38.14	\$10.98
645	4-Oct-12	15	12	\$27.38	Yes	\$38.14	\$10.76
646	4-Oct-12	16	1	\$27.02	Yes	\$38.14	\$11.12
647	4-Oct-12	16	2	\$27.02	Yes	\$38.14	\$11.12
648	4-Oct-12	16	3	\$27.21	Yes	\$38.14	\$10.93
649	4-Oct-12	16	4	\$27.15	Yes	\$38.14	\$10.99
650	4-Oct-12	16	5	\$27.15	Yes	\$38.14	\$10.99
651	4-Oct-12	16	6	\$27.15	Yes	\$38.14	\$10.99
652	4-Oct-12	16	7	\$26.98	Yes	\$38.14	\$11.16
653	4-Oct-12	16	8	\$26.98	Yes	\$38.14	\$11.16
654	4-Oct-12	16	9	\$26.98	Yes	\$38.14	\$11.16
655	4-Oct-12	16	10	\$27.46	Yes	\$38.14	\$10.68
656	4-Oct-12	16	11	\$27.10	Yes	\$38.14	\$11.04
657	4-Oct-12	16	12	\$27.10	Yes	\$38.14	\$11.04
658	4-Oct-12	17	1	\$27.09	Yes	\$38.14	\$11.05
659	4-Oct-12	17	2	\$26.48	Yes	\$38.14	\$11.66
660	4-Oct-12	17	3	\$26.55	Yes	\$38.14	\$11.59
661	4-Oct-12	17	4	\$26.28	Yes	\$38.14	\$11.86
662	4-Oct-12	17	5	\$26.53	Yes	\$38.14	\$11.61
663	4-Oct-12	17	6	\$26.53	Yes	\$38.14	\$11.61
664	4-Oct-12	17	7	\$25.97	Yes	\$38.14	\$12.17
665	4-Oct-12	17	8	\$25.16	Yes	\$38.14	\$12.98
666	4-Oct-12	17	9	\$26.06	Yes	\$38.14	\$12.08
667	4-Oct-12	17	10	\$22.72	Yes	\$38.14	\$15.42
668	4-Oct-12	17	11	\$23.47	Yes	\$38.14	\$14.67
669	4-Oct-12	17	12	\$23.63	Yes	\$38.14	\$14.51
670	4-Oct-12	18	1	\$26.65	Yes	\$38.14	\$11.49
671	4-Oct-12	18	2	\$26.65	Yes	\$38.14	\$11.49
672	4-Oct-12	18	3	\$26.66	Yes	\$38.14	\$11.48

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	4-Oct-12	18	4	\$26.89	Yes	\$38.14	\$11.25
674	4-Oct-12	18	5	\$26.87	Yes	\$38.14	\$11.27
675	4-Oct-12	18	6	\$26.87	Yes	\$38.14	\$11.27
676	4-Oct-12	18	7	\$26.52	Yes	\$38.14	\$11.62
677	4-Oct-12	18	8	\$26.52	Yes	\$38.14	\$11.62
678	4-Oct-12	18	9	\$26.63	Yes	\$38.14	\$11.51
679	4-Oct-12	18	10	\$26.58	Yes	\$38.14	\$11.56
680	4-Oct-12	18	11	\$26.91	Yes	\$38.14	\$11.23
681	4-Oct-12	18	12	\$26.83	Yes	\$38.14	\$11.31
682	4-Oct-12	19	1	\$25.85	Yes	\$38.14	\$12.29
683	4-Oct-12	19	2	\$26.19	Yes	\$38.14	\$11.95
684	4-Oct-12	19	3	\$26.40	Yes	\$38.14	\$11.74
685	4-Oct-12	19	4	\$27.00	Yes	\$38.14	\$11.14
686	4-Oct-12	19	5	\$27.02	Yes	\$38.14	\$11.12
687	4-Oct-12	19	6	\$27.49	Yes	\$38.14	\$10.65
688	4-Oct-12	19	7	\$26.69	Yes	\$38.14	\$11.45
689	4-Oct-12	19	8	\$27.04	Yes	\$38.14	\$11.10
690	4-Oct-12	19	9	\$27.55	Yes	\$38.14	\$10.59
691	4-Oct-12	19	10	\$28.09	Yes	\$38.14	\$10.05
692	4-Oct-12	19	11	\$27.04	Yes	\$38.14	\$11.10
693	4-Oct-12	19	12	\$27.04	Yes	\$38.14	\$11.10
694	4-Oct-12	20	1	\$27.08	Yes	\$38.14	\$11.06
695	4-Oct-12	20	2	\$27.08	Yes	\$38.14	\$11.06
696	4-Oct-12	20	3	\$28.05	Yes	\$38.14	\$10.09
697	4-Oct-12	20	4	\$38.14	Yes	\$38.14	\$0.00
698	4-Oct-12	20	5	\$38.03	Yes	\$38.14	\$0.11
699	4-Oct-12	20	6	\$38.74	Yes	\$38.14	(\$0.60)
700	4-Oct-12	20	7	\$38.03	Yes	\$38.14	\$0.11
701	4-Oct-12	20	8	\$31.35	Yes	\$38.14	\$6.79
702	4-Oct-12	20	9	\$31.79	Yes	\$38.14	\$6.35
703	4-Oct-12	20	10	\$31.54	Yes	\$38.14	\$6.60
704	4-Oct-12	20	11	\$31.05	Yes	\$38.14	\$7.09
705	4-Oct-12	20	12	\$28.65	Yes	\$38.14	\$9.49
706	4-Oct-12	21	1	\$38.03	Yes	\$38.14	\$0.11
707	4-Oct-12	21	2	\$33.22	Yes	\$38.14	\$4.92
708	4-Oct-12	21	3	\$33.22	Yes	\$38.14	\$4.92
709	4-Oct-12	21	4	\$34.75	Yes	\$38.14	\$3.39
710	4-Oct-12	21	5	\$32.21	Yes	\$38.14	\$5.93
711	4-Oct-12	21	6	\$31.41	Yes	\$38.14	\$6.73
712	4-Oct-12	21	7	\$30.18	Yes	\$38.14	\$7.96
713	4-Oct-12	21	8	\$30.18	Yes	\$38.14	\$7.96
714	4-Oct-12	21	9	\$27.35	Yes	\$38.14	\$10.79
715	4-Oct-12	21	10	\$26.85	Yes	\$38.14	\$11.29
716	4-Oct-12	21	11	\$26.85	Yes	\$38.14	\$11.29
717	4-Oct-12	21	12	\$26.12	Yes	\$38.14	\$12.02

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	5-Oct-12	10	1	\$33.52	Yes	\$1,000.00	\$966.48
719	5-Oct-12	10	2	\$28.93	Yes	\$1,000.00	\$971.07
720	5-Oct-12	10	3	\$29.82	Yes	\$1,000.00	\$970.18
721	5-Oct-12	10	4	\$29.99	Yes	\$1,000.00	\$970.01
722	5-Oct-12	10	5	\$31.70	Yes	\$1,000.00	\$968.30
723	5-Oct-12	10	6	\$29.09	Yes	\$1,000.00	\$970.91
724	5-Oct-12	10	7	\$30.13	Yes	\$1,000.00	\$969.87
725	5-Oct-12	10	8	\$29.12	Yes	\$1,000.00	\$970.88
726	5-Oct-12	10	9	\$29.20	Yes	\$1,000.00	\$970.80
727	5-Oct-12	10	10	\$30.38	Yes	\$1,000.00	\$969.62
728	5-Oct-12	10	11	\$29.45	Yes	\$1,000.00	\$970.55
729	5-Oct-12	10	12	\$29.36	Yes	\$1,000.00	\$970.64
730	5-Oct-12	11	1	\$28.68	Yes	\$1,000.00	\$971.32
731	5-Oct-12	11	2	\$28.08	Yes	\$1,000.00	\$971.92
732	5-Oct-12	11	3	\$27.10	Yes	\$1,000.00	\$972.90
733	5-Oct-12	11	4	\$28.60	Yes	\$1,000.00	\$971.40
734	5-Oct-12	11	5	\$28.60	Yes	\$1,000.00	\$971.40
735	5-Oct-12	11	6	\$32.42	Yes	\$1,000.00	\$967.58
736	5-Oct-12	11	7	\$36.72	Yes	\$1,000.00	\$963.28
737	5-Oct-12	11	8	\$36.30	Yes	\$1,000.00	\$963.70
738	5-Oct-12	11	9	\$36.72	Yes	\$1,000.00	\$963.28
739	5-Oct-12	11	10	\$34.48	Yes	\$1,000.00	\$965.52
740	5-Oct-12	11	11	\$34.48	Yes	\$1,000.00	\$965.52
741	5-Oct-12	11	12	\$35.44	Yes	\$1,000.00	\$964.56
742	5-Oct-12	12	1	(\$34.81)	Yes	\$1,000.00	\$1,034.81
743	5-Oct-12	12	2	\$34.10	Yes	\$1,000.00	\$965.90
744	5-Oct-12	12	3	\$36.24	Yes	\$1,000.00	\$963.76
745	5-Oct-12	12	4	\$34.75	Yes	\$1,000.00	\$965.25
746	5-Oct-12	12	5	\$34.75	Yes	\$1,000.00	\$965.25
747	5-Oct-12	12	6	\$33.40	Yes	\$1,000.00	\$966.60
748	5-Oct-12	12	7	\$34.60	Yes	\$1,000.00	\$965.40
749	5-Oct-12	12	8	\$34.60	Yes	\$1,000.00	\$965.40
750	5-Oct-12	12	9	\$36.62	Yes	\$1,000.00	\$963.38
751	5-Oct-12	12	10	\$35.40	Yes	\$1,000.00	\$964.60
752	5-Oct-12	12	11	\$35.03	Yes	\$1,000.00	\$964.97
753	5-Oct-12	12	12	\$29.60	Yes	\$1,000.00	\$970.40
754	5-Oct-12	13	1	\$28.62	Yes	\$1,000.00	\$971.38
755	5-Oct-12	13	2	\$28.21	Yes	\$1,000.00	\$971.79
756	5-Oct-12	13	3	\$28.21	Yes	\$1,000.00	\$971.79
757	5-Oct-12	13	4	\$28.76	Yes	\$1,000.00	\$971.24
758	5-Oct-12	13	5	\$30.59	Yes	\$1,000.00	\$969.41
759	5-Oct-12	13	6	\$29.84	Yes	\$1,000.00	\$970.16
760	5-Oct-12	13	7	\$29.80	Yes	\$1,000.00	\$970.20
761	5-Oct-12	13	8	\$30.56	Yes	\$1,000.00	\$969.44
762	5-Oct-12	13	9	\$31.77	Yes	\$1,000.00	\$968.23

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	5-Oct-12	13	10	\$36.88	Yes	\$1,000.00	\$963.12
764	5-Oct-12	13	11	\$34.81	Yes	\$1,000.00	\$965.19
765	5-Oct-12	13	12	\$37.39	Yes	\$1,000.00	\$962.61
766	5-Oct-12	14	1	\$37.28	Yes	\$37.39	\$0.11
767	5-Oct-12	14	2	\$35.43	Yes	\$37.39	\$1.96
768	5-Oct-12	14	3	\$28.86	Yes	\$37.39	\$8.53
769	5-Oct-12	14	4	\$28.78	Yes	\$37.39	\$8.61
770	5-Oct-12	14	5	\$31.67	Yes	\$37.39	\$5.72
771	5-Oct-12	14	6	\$30.18	Yes	\$37.39	\$7.21
772	5-Oct-12	14	7	\$30.70	Yes	\$37.39	\$6.69
773	5-Oct-12	14	8	\$31.65	Yes	\$37.39	\$5.74
774	5-Oct-12	14	9	\$29.99	Yes	\$37.39	\$7.40
775	5-Oct-12	14	10	\$33.29	Yes	\$37.39	\$4.10
776	5-Oct-12	14	11	\$31.62	Yes	\$37.39	\$5.77
777	5-Oct-12	14	12	\$31.67	Yes	\$37.39	\$5.72
778	5-Oct-12	15	1	\$28.09	Yes	\$37.39	\$9.30
779	5-Oct-12	15	2	\$27.22	Yes	\$37.39	\$10.17
780	5-Oct-12	15	3	\$27.59	Yes	\$37.39	\$9.80
781	5-Oct-12	15	4	\$25.01	Yes	\$37.39	\$12.38
782	5-Oct-12	15	5	\$26.47	Yes	\$37.39	\$10.92
783	5-Oct-12	15	6	\$26.56	Yes	\$37.39	\$10.83
784	5-Oct-12	15	7	(\$35.00)	Yes	\$37.39	\$72.39
785	5-Oct-12	15	8	\$29.20	Yes	\$37.39	\$8.19
786	5-Oct-12	15	9	\$26.56	Yes	\$37.39	\$10.83
787	5-Oct-12	15	10	\$34.16	Yes	\$37.39	\$3.23
788	5-Oct-12	15	11	\$25.36	Yes	\$37.39	\$12.03
789	5-Oct-12	15	12	\$27.09	Yes	\$37.39	\$10.30
790	5-Oct-12	16	1	\$27.20	Yes	\$37.39	\$10.19
791	5-Oct-12	16	2	\$26.92	Yes	\$37.39	\$10.47
792	5-Oct-12	16	3	\$27.20	Yes	\$37.39	\$10.19
793	5-Oct-12	16	4	\$24.96	Yes	\$37.39	\$12.43
794	5-Oct-12	16	5	\$25.88	Yes	\$37.39	\$11.51
795	5-Oct-12	16	6	\$24.96	Yes	\$37.39	\$12.43
796	5-Oct-12	16	7	\$27.71	Yes	\$37.39	\$9.68
797	5-Oct-12	16	8	\$27.19	Yes	\$37.39	\$10.20
798	5-Oct-12	16	9	\$26.59	Yes	\$37.39	\$10.80
799	5-Oct-12	16	10	\$27.19	Yes	\$37.39	\$10.20
800	5-Oct-12	16	11	\$27.13	Yes	\$37.39	\$10.26
801	5-Oct-12	16	12	\$27.13	Yes	\$37.39	\$10.26
802	5-Oct-12	17	1	\$27.13	Yes	\$37.39	\$10.26
803	5-Oct-12	17	2	\$27.18	Yes	\$37.39	\$10.21
804	5-Oct-12	17	3	\$24.42	Yes	\$37.39	\$12.97
805	5-Oct-12	17	4	\$25.66	Yes	\$37.39	\$11.73
806	5-Oct-12	17	5	\$26.66	Yes	\$37.39	\$10.73
807	5-Oct-12	17	6	\$26.55	Yes	\$37.39	\$10.84

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	5-Oct-12	17	7	\$24.05	Yes	\$37.39	\$13.34
809	5-Oct-12	17	8	\$24.70	Yes	\$37.39	\$12.69
810	5-Oct-12	17	9	\$24.71	Yes	\$37.39	\$12.68
811	5-Oct-12	17	10	\$27.16	Yes	\$37.39	\$10.23
812	5-Oct-12	17	11	\$26.39	Yes	\$37.39	\$11.00
813	5-Oct-12	17	12	\$25.83	Yes	\$37.39	\$11.56
814	5-Oct-12	18	1	\$27.14	Yes	\$37.39	\$10.25
815	5-Oct-12	18	2	\$26.03	Yes	\$37.39	\$11.36
816	5-Oct-12	18	3	\$26.39	Yes	\$37.39	\$11.00
817	5-Oct-12	18	4	\$26.24	Yes	\$37.39	\$11.15
818	5-Oct-12	18	5	\$26.24	Yes	\$37.39	\$11.15
819	5-Oct-12	18	6	\$26.46	Yes	\$37.39	\$10.93
820	5-Oct-12	18	7	\$26.35	Yes	\$37.39	\$11.04
821	5-Oct-12	18	8	\$27.14	Yes	\$37.39	\$10.25
822	5-Oct-12	18	9	\$27.14	Yes	\$37.39	\$10.25
823	5-Oct-12	18	10	\$26.45	Yes	\$37.39	\$10.94
824	5-Oct-12	18	11	\$26.75	Yes	\$37.39	\$10.64
825	5-Oct-12	18	12	\$26.41	Yes	\$37.39	\$10.98
826	5-Oct-12	19	1	\$23.55	Yes	\$1,000.00	\$976.45
827	5-Oct-12	19	2	\$24.05	Yes	\$1,000.00	\$975.95
828	5-Oct-12	19	3	\$25.10	Yes	\$1,000.00	\$974.90
829	5-Oct-12	19	4	\$27.07	Yes	\$1,000.00	\$972.93
830	5-Oct-12	19	5	\$26.72	Yes	\$1,000.00	\$973.28
831	5-Oct-12	19	6	\$27.07	Yes	\$1,000.00	\$972.93
832	5-Oct-12	19	7	\$27.35	Yes	\$1,000.00	\$972.65
833	5-Oct-12	19	8	\$26.83	Yes	\$1,000.00	\$973.17
834	5-Oct-12	19	9	\$26.83	Yes	\$1,000.00	\$973.17
835	5-Oct-12	19	10	\$26.72	Yes	\$1,000.00	\$973.28
836	5-Oct-12	19	11	\$26.84	Yes	\$1,000.00	\$973.16
837	5-Oct-12	19	12	\$28.17	Yes	\$1,000.00	\$971.83
838	5-Oct-12	20	1	\$28.10	Yes	\$37.39	\$9.29
839	5-Oct-12	20	2	\$27.93	Yes	\$37.39	\$9.46
840	5-Oct-12	20	3	\$28.67	Yes	\$37.39	\$8.72
841	5-Oct-12	20	4	\$28.61	Yes	\$37.39	\$8.78
842	5-Oct-12	20	5	\$29.62	Yes	\$37.39	\$7.77
843	5-Oct-12	20	6	\$29.62	Yes	\$37.39	\$7.77
844	5-Oct-12	20	7	\$27.91	Yes	\$37.39	\$9.48
845	5-Oct-12	20	8	\$28.54	Yes	\$37.39	\$8.85
846	5-Oct-12	20	9	\$28.07	Yes	\$37.39	\$9.32
847	5-Oct-12	20	10	\$27.12	Yes	\$37.39	\$10.27
848	5-Oct-12	20	11	\$27.41	Yes	\$37.39	\$9.98
849	5-Oct-12	20	12	\$26.76	Yes	\$37.39	\$10.63
850	5-Oct-12	21	1	\$29.53	Yes	\$1,000.00	\$970.47
851	5-Oct-12	21	2	\$30.66	Yes	\$1,000.00	\$969.34
852	5-Oct-12	21	3	\$35.50	Yes	\$1,000.00	\$964.50



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	5-Oct-12	21	4	\$31.47	Yes	\$1,000.00	\$968.53
854	5-Oct-12	21	5	\$30.75	Yes	\$1,000.00	\$969.25
855	5-Oct-12	21	6	\$28.15	Yes	\$1,000.00	\$971.85
856	5-Oct-12	21	7	\$28.61	Yes	\$1,000.00	\$971.39
857	5-Oct-12	21	8	\$28.09	Yes	\$1,000.00	\$971.91
858	5-Oct-12	21	9	\$27.84	Yes	\$1,000.00	\$972.16
859	5-Oct-12	21	10	\$27.14	Yes	\$1,000.00	\$972.86
860	5-Oct-12	21	11	\$27.34	Yes	\$1,000.00	\$972.66
861	5-Oct-12	21	12	\$27.08	Yes	\$1,000.00	\$972.92
862	6-Oct-12	11	1	\$27.53	Yes	\$1,000.00	\$972.47
863	6-Oct-12	11	2	\$27.53	Yes	\$1,000.00	\$972.47
864	6-Oct-12	11	3	\$27.71	Yes	\$1,000.00	\$972.29
865	6-Oct-12	11	4	\$27.79	Yes	\$1,000.00	\$972.21
866	6-Oct-12	11	5	\$28.19	Yes	\$1,000.00	\$971.81
867	6-Oct-12	11	6	\$28.66	Yes	\$1,000.00	\$971.34
868	6-Oct-12	11	7	\$28.47	Yes	\$1,000.00	\$971.53
869	6-Oct-12	11	8	\$28.47	Yes	\$1,000.00	\$971.53
870	6-Oct-12	11	9	\$28.57	Yes	\$1,000.00	\$971.43
871	6-Oct-12	11	10	\$29.01	Yes	\$1,000.00	\$970.99
872	6-Oct-12	11	11	\$29.55	Yes	\$1,000.00	\$970.45
873	6-Oct-12	11	12	\$29.78	Yes	\$1,000.00	\$970.22
874	6-Oct-12	12	1	\$28.15	Yes	\$1,000.00	\$971.85
875	6-Oct-12	12	2	\$28.13	Yes	\$1,000.00	\$971.87
876	6-Oct-12	12	3	\$27.12	Yes	\$1,000.00	\$972.88
877	6-Oct-12	12	4	\$27.00	Yes	\$1,000.00	\$973.00
878	6-Oct-12	12	5	\$26.08	Yes	\$1,000.00	\$973.92
879	6-Oct-12	12	6	\$26.08	Yes	\$1,000.00	\$973.92
880	6-Oct-12	12	7	\$26.16	Yes	\$1,000.00	\$973.84
881	6-Oct-12	12	8	\$27.00	Yes	\$1,000.00	\$973.00
882	6-Oct-12	12	9	\$27.87	Yes	\$1,000.00	\$972.13
883	6-Oct-12	12	10	\$28.05	Yes	\$1,000.00	\$971.95
884	6-Oct-12	12	11	\$28.71	Yes	\$1,000.00	\$971.29
885	6-Oct-12	12	12	\$30.01	Yes	\$1,000.00	\$969.99
886	6-Oct-12	13	1	\$28.38	Yes	\$1,000.00	\$971.62
887	6-Oct-12	13	2	\$28.38	Yes	\$1,000.00	\$971.62
888	6-Oct-12	13	3	\$27.96	Yes	\$1,000.00	\$972.04
889	6-Oct-12	13	4	\$27.71	Yes	\$1,000.00	\$972.29
890	6-Oct-12	13	5	\$27.40	Yes	\$1,000.00	\$972.60
891	6-Oct-12	13	6	\$26.45	Yes	\$1,000.00	\$973.55
892	6-Oct-12	13	7	\$26.42	Yes	\$1,000.00	\$973.58
893	6-Oct-12	13	8	\$26.42	Yes	\$1,000.00	\$973.58
894	6-Oct-12	13	9	\$26.30	Yes	\$1,000.00	\$973.70
895	6-Oct-12	13	10	\$26.28	Yes	\$1,000.00	\$973.72
896	6-Oct-12	13	11	\$25.93	Yes	\$1,000.00	\$974.07
897	6-Oct-12	13	12	\$25.98	Yes	\$1,000.00	\$974.02

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	6-Oct-12	14	1	\$25.84	Yes	\$1,000.00	\$974.16
899	6-Oct-12	14	2	\$25.41	Yes	\$1,000.00	\$974.59
900	6-Oct-12	14	3	\$25.19	Yes	\$1,000.00	\$974.81
901	6-Oct-12	14	4	\$25.32	Yes	\$1,000.00	\$974.68
902	6-Oct-12	14	5	\$25.32	Yes	\$1,000.00	\$974.68
903	6-Oct-12	14	6	\$25.62	Yes	\$1,000.00	\$974.38
904	6-Oct-12	14	7	\$25.45	Yes	\$1,000.00	\$974.55
905	6-Oct-12	14	8	\$25.39	Yes	\$1,000.00	\$974.61
906	6-Oct-12	14	9	\$25.67	Yes	\$1,000.00	\$974.33
907	6-Oct-12	14	10	\$25.86	Yes	\$1,000.00	\$974.14
908	6-Oct-12	14	11	\$25.89	Yes	\$1,000.00	\$974.11
909	6-Oct-12	14	12	\$25.89	Yes	\$1,000.00	\$974.11
910	6-Oct-12	15	1	\$25.35	Yes	\$1,000.00	\$974.65
911	6-Oct-12	15	2	\$25.35	Yes	\$1,000.00	\$974.65
912	6-Oct-12	15	3	\$24.91	Yes	\$1,000.00	\$975.09
913	6-Oct-12	15	4	\$24.94	Yes	\$1,000.00	\$975.06
914	6-Oct-12	15	5	\$25.37	Yes	\$1,000.00	\$974.63
915	6-Oct-12	15	6	\$25.35	Yes	\$1,000.00	\$974.65
916	6-Oct-12	15	7	\$25.31	Yes	\$1,000.00	\$974.69
917	6-Oct-12	15	8	\$25.74	Yes	\$1,000.00	\$974.26
918	6-Oct-12	15	9	\$25.74	Yes	\$1,000.00	\$974.26
919	6-Oct-12	15	10	\$25.96	Yes	\$1,000.00	\$974.04
920	6-Oct-12	15	11	\$25.96	Yes	\$1,000.00	\$974.04
921	6-Oct-12	15	12	\$25.96	Yes	\$1,000.00	\$974.04
922	6-Oct-12	16	1	\$25.90	Yes	\$1,000.00	\$974.10
923	6-Oct-12	16	2	\$25.90	Yes	\$1,000.00	\$974.10
924	6-Oct-12	16	3	\$25.90	Yes	\$1,000.00	\$974.10
925	6-Oct-12	16	4	\$26.27	Yes	\$1,000.00	\$973.73
926	6-Oct-12	16	5	\$25.91	Yes	\$1,000.00	\$974.09
927	6-Oct-12	16	6	\$25.91	Yes	\$1,000.00	\$974.09
928	6-Oct-12	16	7	\$25.89	Yes	\$1,000.00	\$974.11
929	6-Oct-12	16	8	\$26.29	Yes	\$1,000.00	\$973.71
930	6-Oct-12	16	9	\$26.07	Yes	\$1,000.00	\$973.93
931	6-Oct-12	16	10	\$25.88	Yes	\$1,000.00	\$974.12
932	6-Oct-12	16	11	\$25.94	Yes	\$1,000.00	\$974.06
933	6-Oct-12	16	12	\$26.29	Yes	\$1,000.00	\$973.71
934	6-Oct-12	17	1	\$25.46	Yes	\$1,000.00	\$974.54
935	6-Oct-12	17	2	\$25.57	Yes	\$1,000.00	\$974.43
936	6-Oct-12	17	3	\$25.51	Yes	\$1,000.00	\$974.49
937	6-Oct-12	17	4	\$25.34	Yes	\$1,000.00	\$974.66
938	6-Oct-12	17	5	\$25.46	Yes	\$1,000.00	\$974.54
939	6-Oct-12	17	6	\$25.46	Yes	\$1,000.00	\$974.54
940	6-Oct-12	17	7	\$25.50	Yes	\$1,000.00	\$974.50
941	6-Oct-12	17	8	\$25.40	Yes	\$1,000.00	\$974.60
942	6-Oct-12	17	9	\$25.40	Yes	\$1,000.00	\$974.60

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	6-Oct-12	17	10	\$25.29	Yes	\$1,000.00	\$974.71
944	6-Oct-12	17	11	\$25.27	Yes	\$1,000.00	\$974.73
945	6-Oct-12	17	12	\$25.27	Yes	\$1,000.00	\$974.73
946	6-Oct-12	18	1	\$25.29	Yes	\$1,000.00	\$974.71
947	6-Oct-12	18	2	\$25.25	Yes	\$1,000.00	\$974.75
948	6-Oct-12	18	3	\$25.25	Yes	\$1,000.00	\$974.75
949	6-Oct-12	18	4	\$25.02	Yes	\$1,000.00	\$974.98
950	6-Oct-12	18	5	\$24.88	Yes	\$1,000.00	\$975.12
951	6-Oct-12	18	6	\$24.88	Yes	\$1,000.00	\$975.12
952	6-Oct-12	18	7	\$25.15	Yes	\$1,000.00	\$974.85
953	6-Oct-12	18	8	\$25.15	Yes	\$1,000.00	\$974.85
954	6-Oct-12	18	9	\$25.15	Yes	\$1,000.00	\$974.85
955	6-Oct-12	18	10	\$25.24	Yes	\$1,000.00	\$974.76
956	6-Oct-12	18	11	\$25.17	Yes	\$1,000.00	\$974.83
957	6-Oct-12	18	12	\$25.14	Yes	\$1,000.00	\$974.86
958	6-Oct-12	19	1	\$24.64	Yes	\$1,000.00	\$975.36
959	6-Oct-12	19	2	\$24.67	Yes	\$1,000.00	\$975.33
960	6-Oct-12	19	3	\$25.29	Yes	\$1,000.00	\$974.71
961	6-Oct-12	19	4	\$24.96	Yes	\$1,000.00	\$975.04
962	6-Oct-12	19	5	\$25.18	Yes	\$1,000.00	\$974.82
963	6-Oct-12	19	6	\$25.37	Yes	\$1,000.00	\$974.63
964	6-Oct-12	19	7	\$26.25	Yes	\$1,000.00	\$973.75
965	6-Oct-12	19	8	\$26.33	Yes	\$1,000.00	\$973.67
966	6-Oct-12	19	9	\$26.80	Yes	\$1,000.00	\$973.20
967	6-Oct-12	19	10	\$27.35	Yes	\$1,000.00	\$972.65
968	6-Oct-12	19	11	\$27.18	Yes	\$1,000.00	\$972.82
969	6-Oct-12	19	12	\$30.18	Yes	\$1,000.00	\$969.82
970	6-Oct-12	20	1	\$25.77	Yes	\$37.39	\$11.62
971	6-Oct-12	20	2	\$25.91	Yes	\$37.39	\$11.48
972	6-Oct-12	20	3	\$25.90	Yes	\$37.39	\$11.49
973	6-Oct-12	20	4	\$26.85	Yes	\$37.39	\$10.54
974	6-Oct-12	20	5	\$26.72	Yes	\$37.39	\$10.67
975	6-Oct-12	20	6	\$26.70	Yes	\$37.39	\$10.69
976	6-Oct-12	20	7	\$30.27	Yes	\$37.39	\$7.12
977	6-Oct-12	20	8	\$30.27	Yes	\$37.39	\$7.12
978	6-Oct-12	20	9	\$29.08	Yes	\$37.39	\$8.31
979	6-Oct-12	20	10	\$28.67	Yes	\$37.39	\$8.72
980	6-Oct-12	20	11	\$26.88	Yes	\$37.39	\$10.51
981	6-Oct-12	20	12	\$26.28	Yes	\$37.39	\$11.11
982	6-Oct-12	21	1	\$32.00	Yes	\$1,000.00	\$968.00
983	6-Oct-12	21	2	\$32.00	Yes	\$1,000.00	\$968.00
984	6-Oct-12	21	3	\$32.20	Yes	\$1,000.00	\$967.80
985	6-Oct-12	21	4	\$32.12	Yes	\$1,000.00	\$967.88
986	6-Oct-12	21	5	\$32.13	Yes	\$1,000.00	\$967.87
987	6-Oct-12	21	6	\$32.12	Yes	\$1,000.00	\$967.88

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	6-Oct-12	21	7	\$31.86	Yes	\$1,000.00	\$968.14
989	6-Oct-12	21	8	\$31.86	Yes	\$1,000.00	\$968.14
990	6-Oct-12	21	9	\$31.67	Yes	\$1,000.00	\$968.33
991	6-Oct-12	21	10	\$31.20	Yes	\$1,000.00	\$968.80
992	6-Oct-12	21	11	\$31.19	Yes	\$1,000.00	\$968.81
993	6-Oct-12	21	12	\$31.19	Yes	\$1,000.00	\$968.81
994	7-Oct-12	9	4	\$36.16	Yes	\$1,000.00	\$963.84
995	7-Oct-12	9	5	\$37.72	Yes	\$1,000.00	\$962.28
996	7-Oct-12	9	6	\$38.53	Yes	\$1,000.00	\$961.47
997	7-Oct-12	9	7	\$41.53	Yes	\$1,000.00	\$958.47
998	7-Oct-12	9	8	\$41.53	Yes	\$1,000.00	\$958.47
999	7-Oct-12	9	9	\$33.83	Yes	\$1,000.00	\$966.17
1000	7-Oct-12	9	10	\$33.56	Yes	\$1,000.00	\$966.44
1001	7-Oct-12	9	11	\$33.56	Yes	\$1,000.00	\$966.44
1002	7-Oct-12	9	12	\$33.56	Yes	\$1,000.00	\$966.44
1003	7-Oct-12	10	1	\$33.21	Yes	\$1,000.00	\$966.79
1004	7-Oct-12	10	2	\$33.96	Yes	\$1,000.00	\$966.04
1005	7-Oct-12	10	3	\$38.05	Yes	\$1,000.00	\$961.95
1006	7-Oct-12	10	4	\$33.67	Yes	\$1,000.00	\$966.33
1007	7-Oct-12	10	5	\$33.67	Yes	\$1,000.00	\$966.33
1008	7-Oct-12	10	6	\$35.45	Yes	\$1,000.00	\$964.55
1009	7-Oct-12	10	7	\$33.82	Yes	\$1,000.00	\$966.18
1010	7-Oct-12	10	8	\$33.82	Yes	\$1,000.00	\$966.18
1011	7-Oct-12	10	9	\$33.75	Yes	\$1,000.00	\$966.25
1012	7-Oct-12	10	10	\$31.51	Yes	\$1,000.00	\$968.49
1013	7-Oct-12	10	11	\$31.51	Yes	\$1,000.00	\$968.49
1014	7-Oct-12	10	12	\$34.15	Yes	\$1,000.00	\$965.85
1015	7-Oct-12	11	1	\$32.25	Yes	\$1,000.00	\$967.75
1016	7-Oct-12	11	2	\$31.29	Yes	\$1,000.00	\$968.71
1017	7-Oct-12	11	3	\$31.29	Yes	\$1,000.00	\$968.71
1018	7-Oct-12	11	4	\$31.92	Yes	\$1,000.00	\$968.08
1019	7-Oct-12	11	5	\$32.43	Yes	\$1,000.00	\$967.57
1020	7-Oct-12	11	6	\$38.37	Yes	\$1,000.00	\$961.63
1021	7-Oct-12	11	7	\$38.98	Yes	\$1,000.00	\$961.02
1022	7-Oct-12	11	8	\$42.28	Yes	\$1,000.00	\$957.72
1023	7-Oct-12	11	9	\$42.28	Yes	\$1,000.00	\$957.72
1024	7-Oct-12	11	10	\$39.37	Yes	\$1,000.00	\$960.63
1025	7-Oct-12	11	11	\$39.29	Yes	\$1,000.00	\$960.71
1026	7-Oct-12	11	12	\$35.31	Yes	\$1,000.00	\$964.69
1027	7-Oct-12	12	1	\$33.72	Yes	\$1,000.00	\$966.28
1028	7-Oct-12	12	2	\$31.56	Yes	\$1,000.00	\$968.44
1029	7-Oct-12	12	3	\$34.04	Yes	\$1,000.00	\$965.96
1030	7-Oct-12	12	4	\$34.07	Yes	\$1,000.00	\$965.93
1031	7-Oct-12	12	5	\$39.43	Yes	\$1,000.00	\$960.57
1032	7-Oct-12	12	6	\$39.49	Yes	\$1,000.00	\$960.51

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	7-Oct-12	12	7	\$38.90	Yes	\$1,000.00	\$961.10
1034	7-Oct-12	12	8	\$39.60	Yes	\$1,000.00	\$960.40
1035	7-Oct-12	12	9	\$39.89	Yes	\$1,000.00	\$960.11
1036	7-Oct-12	12	10	\$39.86	Yes	\$1,000.00	\$960.14
1037	7-Oct-12	12	11	\$40.31	Yes	\$1,000.00	\$959.69
1038	7-Oct-12	12	12	\$40.32	Yes	\$1,000.00	\$959.68
1039	7-Oct-12	13	1	\$36.97	Yes	\$1,000.00	\$963.03
1040	7-Oct-12	13	2	\$36.97	Yes	\$1,000.00	\$963.03
1041	7-Oct-12	13	3	\$39.91	Yes	\$1,000.00	\$960.09
1042	7-Oct-12	13	4	\$36.71	Yes	\$1,000.00	\$963.29
1043	7-Oct-12	13	5	\$39.43	Yes	\$1,000.00	\$960.57
1044	7-Oct-12	13	6	\$40.03	Yes	\$1,000.00	\$959.97
1045	7-Oct-12	13	7	\$46.54	Yes	\$1,000.00	\$953.46
1046	7-Oct-12	13	8	\$45.26	Yes	\$1,000.00	\$954.74
1047	7-Oct-12	13	9	\$46.54	Yes	\$1,000.00	\$953.46
1048	7-Oct-12	13	10	\$44.94	Yes	\$1,000.00	\$955.06
1049	7-Oct-12	13	11	\$44.94	Yes	\$1,000.00	\$955.06
1050	7-Oct-12	13	12	\$199.16	Yes	\$1,000.00	\$800.84
1051	7-Oct-12	14	1	\$42.83	Yes	\$1,000.00	\$957.17
1052	7-Oct-12	14	2	\$43.29	Yes	\$1,000.00	\$956.71
1053	7-Oct-12	14	3	\$43.29	Yes	\$1,000.00	\$956.71
1054	7-Oct-12	14	4	\$41.58	Yes	\$1,000.00	\$958.42
1055	7-Oct-12	14	5	\$40.70	Yes	\$1,000.00	\$959.30
1056	7-Oct-12	14	6	\$34.09	Yes	\$1,000.00	\$965.91
1057	7-Oct-12	14	7	\$34.63	Yes	\$1,000.00	\$965.37
1058	7-Oct-12	14	8	\$35.13	Yes	\$1,000.00	\$964.87
1059	7-Oct-12	14	9	\$40.06	Yes	\$1,000.00	\$959.94
1060	7-Oct-12	14	10	\$40.44	Yes	\$1,000.00	\$959.56
1061	7-Oct-12	14	11	\$40.75	Yes	\$1,000.00	\$959.25
1062	7-Oct-12	14	12	\$40.59	Yes	\$1,000.00	\$959.41
1063	7-Oct-12	15	1	\$32.17	Yes	\$1,000.00	\$967.83
1064	7-Oct-12	15	2	\$32.17	Yes	\$1,000.00	\$967.83
1065	7-Oct-12	15	3	\$32.17	Yes	\$1,000.00	\$967.83
1066	7-Oct-12	15	4	\$32.37	Yes	\$1,000.00	\$967.63
1067	7-Oct-12	15	5	\$32.37	Yes	\$1,000.00	\$967.63
1068	7-Oct-12	15	6	\$33.92	Yes	\$1,000.00	\$966.08
1069	7-Oct-12	15	7	\$33.98	Yes	\$1,000.00	\$966.02
1070	7-Oct-12	15	8	\$37.47	Yes	\$1,000.00	\$962.53
1071	7-Oct-12	15	9	\$41.94	Yes	\$1,000.00	\$958.06
1072	7-Oct-12	15	10	\$41.97	Yes	\$1,000.00	\$958.03
1073	7-Oct-12	15	11	\$41.97	Yes	\$1,000.00	\$958.03
1074	7-Oct-12	15	12	\$41.97	Yes	\$1,000.00	\$958.03
1075	7-Oct-12	16	1	\$34.86	Yes	\$1,000.00	\$965.14
1076	7-Oct-12	16	2	\$37.46	Yes	\$1,000.00	\$962.54
1077	7-Oct-12	16	3	\$39.48	Yes	\$1,000.00	\$960.52

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	7-Oct-12	16	4	\$37.38	Yes	\$1,000.00	\$962.62
1079	7-Oct-12	16	5	\$33.95	Yes	\$1,000.00	\$966.05
1080	7-Oct-12	16	6	\$33.95	Yes	\$1,000.00	\$966.05
1081	7-Oct-12	16	7	\$39.55	Yes	\$1,000.00	\$960.45
1082	7-Oct-12	16	8	\$39.55	Yes	\$1,000.00	\$960.45
1083	7-Oct-12	16	9	\$39.95	Yes	\$1,000.00	\$960.05
1084	7-Oct-12	16	10	\$34.91	Yes	\$1,000.00	\$965.09
1085	7-Oct-12	16	11	\$34.91	Yes	\$1,000.00	\$965.09
1086	7-Oct-12	16	12	\$37.60	Yes	\$1,000.00	\$962.40
1087	7-Oct-12	17	1	\$34.61	Yes	\$1,000.00	\$965.39
1088	7-Oct-12	17	2	\$33.40	Yes	\$1,000.00	\$966.60
1089	7-Oct-12	17	3	\$33.28	Yes	\$1,000.00	\$966.72
1090	7-Oct-12	17	4	\$32.55	Yes	\$1,000.00	\$967.45
1091	7-Oct-12	17	5	\$33.29	Yes	\$1,000.00	\$966.71
1092	7-Oct-12	17	6	\$33.29	Yes	\$1,000.00	\$966.71
1093	7-Oct-12	17	7	\$33.30	Yes	\$1,000.00	\$966.70
1094	7-Oct-12	17	8	\$33.30	Yes	\$1,000.00	\$966.70
1095	7-Oct-12	17	9	\$33.16	Yes	\$1,000.00	\$966.84
1096	7-Oct-12	17	10	\$33.07	Yes	\$1,000.00	\$966.93
1097	7-Oct-12	17	11	\$33.17	Yes	\$1,000.00	\$966.83
1098	7-Oct-12	17	12	\$33.05	Yes	\$1,000.00	\$966.95
1099	7-Oct-12	18	1	\$33.15	Yes	\$1,000.00	\$966.85
1100	7-Oct-12	18	2	\$83.79	Yes	\$1,000.00	\$916.21
1101	7-Oct-12	18	3	\$47.86	Yes	\$1,000.00	\$952.14
1102	7-Oct-12	18	4	\$44.21	Yes	\$1,000.00	\$955.79
1103	7-Oct-12	18	5	\$43.59	Yes	\$1,000.00	\$956.41
1104	7-Oct-12	18	6	\$43.59	Yes	\$1,000.00	\$956.41
1105	7-Oct-12	18	7	\$31.71	Yes	\$1,000.00	\$968.29
1106	7-Oct-12	18	8	\$39.50	Yes	\$1,000.00	\$960.50
1107	7-Oct-12	18	9	\$49.67	Yes	\$1,000.00	\$950.33
1108	7-Oct-12	18	10	\$40.01	Yes	\$1,000.00	\$959.99
1109	7-Oct-12	18	11	\$40.01	Yes	\$1,000.00	\$959.99
1110	7-Oct-12	18	12	\$41.98	Yes	\$1,000.00	\$958.02
1111	7-Oct-12	19	1	\$28.72	Yes	\$1,000.00	\$971.28
1112	7-Oct-12	19	2	\$31.13	Yes	\$1,000.00	\$968.87
1113	7-Oct-12	19	3	\$31.79	Yes	\$1,000.00	\$968.21
1114	7-Oct-12	19	4	\$31.88	Yes	\$1,000.00	\$968.12
1115	7-Oct-12	19	5	\$31.88	Yes	\$1,000.00	\$968.12
1116	7-Oct-12	19	6	\$31.88	Yes	\$1,000.00	\$968.12
1117	7-Oct-12	19	7	\$31.89	Yes	\$1,000.00	\$968.11
1118	7-Oct-12	19	8	\$31.89	Yes	\$1,000.00	\$968.11
1119	7-Oct-12	19	9	\$31.89	Yes	\$1,000.00	\$968.11
1120	7-Oct-12	19	10	\$37.90	Yes	\$1,000.00	\$962.10
1121	7-Oct-12	19	11	\$37.39	Yes	\$1,000.00	\$962.61
1122	7-Oct-12	19	12	\$39.09	Yes	\$1,000.00	\$960.91

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	7-Oct-12	20	1	\$38.96	Yes	\$37.39	(\$1.57)
1124	7-Oct-12	20	2	\$33.20	Yes	\$37.39	\$4.19
1125	7-Oct-12	20	3	\$33.20	Yes	\$37.39	\$4.19
1126	7-Oct-12	20	4	\$40.44	Yes	\$37.39	(\$3.05)
1127	7-Oct-12	20	5	\$37.39	Yes	\$37.39	\$0.00
1128	7-Oct-12	20	6	\$37.93	Yes	\$37.39	(\$0.54)
1129	7-Oct-12	20	7	\$31.87	Yes	\$37.39	\$5.52
1130	7-Oct-12	20	8	\$33.01	Yes	\$37.39	\$4.38
1131	7-Oct-12	20	9	\$33.01	Yes	\$37.39	\$4.38
1132	7-Oct-12	20	10	\$32.89	Yes	\$37.39	\$4.50
1133	7-Oct-12	20	11	\$32.89	Yes	\$37.39	\$4.50
1134	7-Oct-12	20	12	\$32.89	Yes	\$37.39	\$4.50
1135	7-Oct-12	21	1	\$40.37	Yes	\$37.39	(\$2.98)
1136	7-Oct-12	21	2	\$38.86	Yes	\$37.39	(\$1.47)
1137	7-Oct-12	21	3	\$39.44	Yes	\$37.39	(\$2.05)
1138	7-Oct-12	21	4	\$40.34	Yes	\$37.39	(\$2.95)
1139	7-Oct-12	21	5	\$40.34	Yes	\$37.39	(\$2.95)
1140	7-Oct-12	21	6	\$39.10	Yes	\$37.39	(\$1.71)
1141	7-Oct-12	21	7	\$33.63	Yes	\$37.39	\$3.76
1142	7-Oct-12	21	8	\$33.59	Yes	\$37.39	\$3.80
1143	7-Oct-12	21	9	\$31.55	Yes	\$37.39	\$5.84
1144	7-Oct-12	21	10	\$33.03	Yes	\$37.39	\$4.36
1145	7-Oct-12	21	11	\$33.74	Yes	\$37.39	\$3.65
1146	7-Oct-12	21	12	\$31.31	Yes	\$37.39	\$6.08
1147	8-Oct-12	7	1	\$5.27	Yes	\$1,000.00	\$994.73
1148	8-Oct-12	7	2	\$24.02	Yes	\$1,000.00	\$975.98
1149	8-Oct-12	7	3	\$24.91	Yes	\$1,000.00	\$975.09
1150	8-Oct-12	7	4	\$26.15	Yes	\$1,000.00	\$973.85
1151	8-Oct-12	7	5	\$29.29	Yes	\$1,000.00	\$970.71
1152	8-Oct-12	7	6	\$28.44	Yes	\$1,000.00	\$971.56
1153	8-Oct-12	7	7	\$29.42	Yes	\$1,000.00	\$970.58
1154	8-Oct-12	7	8	\$31.45	Yes	\$1,000.00	\$968.55
1155	8-Oct-12	7	9	\$38.73	Yes	\$1,000.00	\$961.27
1156	8-Oct-12	7	10	\$42.46	Yes	\$1,000.00	\$957.54
1157	8-Oct-12	7	11	\$42.43	Yes	\$1,000.00	\$957.57
1158	8-Oct-12	7	12	\$39.12	Yes	\$1,000.00	\$960.88
1159	8-Oct-12	8	1	\$30.58	Yes	\$1,000.00	\$969.42
1160	8-Oct-12	8	2	\$30.58	Yes	\$1,000.00	\$969.42
1161	8-Oct-12	8	3	\$30.58	Yes	\$1,000.00	\$969.42
1162	8-Oct-12	8	4	\$30.13	Yes	\$1,000.00	\$969.87
1163	8-Oct-12	8	5	\$27.04	Yes	\$1,000.00	\$972.96
1164	8-Oct-12	8	6	\$27.04	Yes	\$1,000.00	\$972.96
1165	8-Oct-12	8	7	\$27.02	Yes	\$1,000.00	\$972.98
1166	8-Oct-12	8	8	\$27.02	Yes	\$1,000.00	\$972.98
1167	8-Oct-12	8	9	\$26.95	Yes	\$1,000.00	\$973.05

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	8-Oct-12	8	10	\$30.50	Yes	\$1,000.00	\$969.50
1169	8-Oct-12	8	11	\$30.50	Yes	\$1,000.00	\$969.50
1170	8-Oct-12	8	12	\$30.50	Yes	\$1,000.00	\$969.50
1171	8-Oct-12	9	1	\$26.13	Yes	\$1,000.00	\$973.87
1172	8-Oct-12	9	2	\$26.08	Yes	\$1,000.00	\$973.92
1173	8-Oct-12	9	3	\$26.24	Yes	\$1,000.00	\$973.76
1174	8-Oct-12	9	4	\$26.27	Yes	\$1,000.00	\$973.73
1175	8-Oct-12	9	5	\$27.04	Yes	\$1,000.00	\$972.96
1176	8-Oct-12	9	6	\$30.39	Yes	\$1,000.00	\$969.61
1177	8-Oct-12	9	7	\$35.25	Yes	\$1,000.00	\$964.75
1178	8-Oct-12	9	8	\$39.38	Yes	\$1,000.00	\$960.62
1179	8-Oct-12	9	9	\$43.90	Yes	\$1,000.00	\$956.10
1180	8-Oct-12	9	10	\$47.87	Yes	\$1,000.00	\$952.13
1181	8-Oct-12	9	11	\$988.60	Yes	\$1,000.00	\$11.40
1182	8-Oct-12	9	12	\$1,002.23	Yes	\$1,000.00	(\$2.23)
1183	8-Oct-12	10	1	\$40.75	Yes	\$1,000.00	\$959.25
1184	8-Oct-12	10	2	\$48.44	Yes	\$1,000.00	\$951.56
1185	8-Oct-12	10	3	\$40.75	Yes	\$1,000.00	\$959.25
1186	8-Oct-12	10	4	\$41.16	Yes	\$1,000.00	\$958.84
1187	8-Oct-12	10	5	\$31.14	Yes	\$1,000.00	\$968.86
1188	8-Oct-12	10	6	\$48.40	Yes	\$1,000.00	\$951.60
1189	8-Oct-12	10	7	\$31.78	Yes	\$1,000.00	\$968.22
1190	8-Oct-12	10	8	\$33.43	Yes	\$1,000.00	\$966.57
1191	8-Oct-12	10	9	\$34.23	Yes	\$1,000.00	\$965.77
1192	8-Oct-12	10	10	\$33.11	Yes	\$1,000.00	\$966.89
1193	8-Oct-12	10	11	\$31.69	Yes	\$1,000.00	\$968.31
1194	8-Oct-12	10	12	\$32.51	Yes	\$1,000.00	\$967.49
1195	8-Oct-12	11	1	\$30.93	Yes	\$1,000.00	\$969.07
1196	8-Oct-12	11	2	\$30.93	Yes	\$1,000.00	\$969.07
1197	8-Oct-12	11	3	\$30.93	Yes	\$1,000.00	\$969.07
1198	8-Oct-12	11	4	\$31.16	Yes	\$1,000.00	\$968.84
1199	8-Oct-12	11	5	\$31.16	Yes	\$1,000.00	\$968.84
1200	8-Oct-12	11	6	\$31.16	Yes	\$1,000.00	\$968.84
1201	8-Oct-12	11	7	(\$34.83)	Yes	\$1,000.00	\$1,034.83
1202	8-Oct-12	11	8	(\$30.04)	Yes	\$1,000.00	\$1,030.04
1203	8-Oct-12	11	9	\$46.77	Yes	\$1,000.00	\$953.23
1204	8-Oct-12	11	10	\$60.57	Yes	\$1,000.00	\$939.43
1205	8-Oct-12	11	11	\$42.93	Yes	\$1,000.00	\$957.07
1206	8-Oct-12	11	12	\$45.61	Yes	\$1,000.00	\$954.39
1207	8-Oct-12	12	1	\$37.39	Yes	\$1,000.00	\$962.61
1208	8-Oct-12	12	2	\$37.39	Yes	\$1,000.00	\$962.61
1209	8-Oct-12	12	3	\$39.46	Yes	\$1,000.00	\$960.54
1210	8-Oct-12	12	4	\$37.28	Yes	\$1,000.00	\$962.72
1211	8-Oct-12	12	5	\$37.28	Yes	\$1,000.00	\$962.72
1212	8-Oct-12	12	6	\$37.28	Yes	\$1,000.00	\$962.72



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	8-Oct-12	12	7	\$37.28	Yes	\$1,000.00	\$962.72
1214	8-Oct-12	12	8	\$41.88	Yes	\$1,000.00	\$958.12
1215	8-Oct-12	12	9	\$41.88	Yes	\$1,000.00	\$958.12
1216	8-Oct-12	12	10	\$36.20	Yes	\$1,000.00	\$963.80
1217	8-Oct-12	12	11	\$37.28	Yes	\$1,000.00	\$962.72
1218	8-Oct-12	12	12	\$37.39	Yes	\$1,000.00	\$962.61
1219	8-Oct-12	13	1	\$41.92	Yes	\$1,000.00	\$958.08
1220	8-Oct-12	13	2	\$43.60	Yes	\$1,000.00	\$956.40
1221	8-Oct-12	13	3	\$43.60	Yes	\$1,000.00	\$956.40
1222	8-Oct-12	13	4	\$44.11	Yes	\$1,000.00	\$955.89
1223	8-Oct-12	13	5	\$42.95	Yes	\$1,000.00	\$957.05
1224	8-Oct-12	13	6	\$44.11	Yes	\$1,000.00	\$955.89
1225	8-Oct-12	13	7	\$40.58	Yes	\$1,000.00	\$959.42
1226	8-Oct-12	13	8	\$42.35	Yes	\$1,000.00	\$957.65
1227	8-Oct-12	13	9	\$42.85	Yes	\$1,000.00	\$957.15
1228	8-Oct-12	13	10	\$45.31	Yes	\$1,000.00	\$954.69
1229	8-Oct-12	13	11	\$44.74	Yes	\$1,000.00	\$955.26
1230	8-Oct-12	13	12	\$42.83	Yes	\$1,000.00	\$957.17
1231	8-Oct-12	14	1	\$37.76	Yes	\$1,000.00	\$962.24
1232	8-Oct-12	14	2	\$38.79	Yes	\$1,000.00	\$961.21
1233	8-Oct-12	14	3	\$39.20	Yes	\$1,000.00	\$960.80
1234	8-Oct-12	14	4	\$41.68	Yes	\$1,000.00	\$958.32
1235	8-Oct-12	14	5	\$41.68	Yes	\$1,000.00	\$958.32
1236	8-Oct-12	14	6	\$42.10	Yes	\$1,000.00	\$957.90
1237	8-Oct-12	14	7	\$41.95	Yes	\$1,000.00	\$958.05
1238	8-Oct-12	14	8	\$42.40	Yes	\$1,000.00	\$957.60
1239	8-Oct-12	14	9	\$42.41	Yes	\$1,000.00	\$957.59
1240	8-Oct-12	14	10	\$42.32	Yes	\$1,000.00	\$957.68
1241	8-Oct-12	14	11	\$42.32	Yes	\$1,000.00	\$957.68
1242	8-Oct-12	14	12	\$42.32	Yes	\$1,000.00	\$957.68
1243	8-Oct-12	15	1	\$36.68	Yes	\$1,000.00	\$963.32
1244	8-Oct-12	15	2	\$34.27	Yes	\$1,000.00	\$965.73
1245	8-Oct-12	15	3	\$33.49	Yes	\$1,000.00	\$966.51
1246	8-Oct-12	15	4	\$36.11	Yes	\$1,000.00	\$963.89
1247	8-Oct-12	15	5	\$36.65	Yes	\$1,000.00	\$963.35
1248	8-Oct-12	15	6	\$36.65	Yes	\$1,000.00	\$963.35
1249	8-Oct-12	15	7	\$34.40	Yes	\$1,000.00	\$965.60
1250	8-Oct-12	15	8	\$36.20	Yes	\$1,000.00	\$963.80
1251	8-Oct-12	15	9	\$34.40	Yes	\$1,000.00	\$965.60
1252	8-Oct-12	15	10	\$33.20	Yes	\$1,000.00	\$966.80
1253	8-Oct-12	15	11	\$32.58	Yes	\$1,000.00	\$967.42
1254	8-Oct-12	15	12	\$31.96	Yes	\$1,000.00	\$968.04
1255	8-Oct-12	16	1	\$29.87	Yes	\$1,000.00	\$970.13
1256	8-Oct-12	16	2	\$29.87	Yes	\$1,000.00	\$970.13
1257	8-Oct-12	16	3	\$31.81	Yes	\$1,000.00	\$968.19

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	8-Oct-12	16	4	\$32.12	Yes	\$1,000.00	\$967.88
1259	8-Oct-12	16	5	\$32.30	Yes	\$1,000.00	\$967.70
1260	8-Oct-12	16	6	\$32.30	Yes	\$1,000.00	\$967.70
1261	8-Oct-12	16	7	\$32.18	Yes	\$1,000.00	\$967.82
1262	8-Oct-12	16	8	\$31.95	Yes	\$1,000.00	\$968.05
1263	8-Oct-12	16	9	\$31.95	Yes	\$1,000.00	\$968.05
1264	8-Oct-12	16	10	\$31.85	Yes	\$1,000.00	\$968.15
1265	8-Oct-12	16	11	\$31.68	Yes	\$1,000.00	\$968.32
1266	8-Oct-12	16	12	\$31.67	Yes	\$1,000.00	\$968.33
1267	8-Oct-12	17	1	\$31.62	Yes	\$1,000.00	\$968.38
1268	8-Oct-12	17	2	\$30.96	Yes	\$1,000.00	\$969.04
1269	8-Oct-12	17	3	\$31.99	Yes	\$1,000.00	\$968.01
1270	8-Oct-12	17	4	\$31.66	Yes	\$1,000.00	\$968.34
1271	8-Oct-12	17	5	\$32.13	Yes	\$1,000.00	\$967.87
1272	8-Oct-12	17	6	\$32.25	Yes	\$1,000.00	\$967.75
1273	8-Oct-12	17	7	\$32.93	Yes	\$1,000.00	\$967.07
1274	8-Oct-12	17	8	\$33.79	Yes	\$1,000.00	\$966.21
1275	8-Oct-12	17	9	\$33.40	Yes	\$1,000.00	\$966.60
1276	8-Oct-12	17	10	\$36.26	Yes	\$1,000.00	\$963.74
1277	8-Oct-12	17	11	\$33.38	Yes	\$1,000.00	\$966.62
1278	8-Oct-12	17	12	\$31.98	Yes	\$1,000.00	\$968.02
1279	8-Oct-12	18	1	\$33.40	Yes	\$1,000.00	\$966.60
1280	8-Oct-12	18	2	\$34.15	Yes	\$1,000.00	\$965.85
1281	8-Oct-12	18	3	\$39.11	Yes	\$1,000.00	\$960.89
1282	8-Oct-12	18	4	\$39.45	Yes	\$1,000.00	\$960.55
1283	8-Oct-12	18	5	\$42.75	Yes	\$1,000.00	\$957.25
1284	8-Oct-12	18	6	\$42.76	Yes	\$1,000.00	\$957.24
1285	8-Oct-12	18	7	\$41.65	Yes	\$1,000.00	\$958.35
1286	8-Oct-12	18	8	\$40.47	Yes	\$1,000.00	\$959.53
1287	8-Oct-12	18	9	\$40.47	Yes	\$1,000.00	\$959.53
1288	8-Oct-12	18	10	\$40.85	Yes	\$1,000.00	\$959.15
1289	8-Oct-12	18	11	\$36.63	Yes	\$1,000.00	\$963.37
1290	8-Oct-12	18	12	\$35.28	Yes	\$1,000.00	\$964.72
1291	8-Oct-12	19	1	\$29.74	Yes	\$1,000.00	\$970.26
1292	8-Oct-12	19	2	\$29.74	Yes	\$1,000.00	\$970.26
1293	8-Oct-12	19	3	\$31.00	Yes	\$1,000.00	\$969.00
1294	8-Oct-12	19	4	\$32.19	Yes	\$1,000.00	\$967.81
1295	8-Oct-12	19	5	\$32.70	Yes	\$1,000.00	\$967.30
1296	8-Oct-12	19	6	\$36.92	Yes	\$1,000.00	\$963.08
1297	8-Oct-12	19	7	\$33.18	Yes	\$1,000.00	\$966.82
1298	8-Oct-12	19	8	\$33.18	Yes	\$1,000.00	\$966.82
1299	8-Oct-12	19	9	\$37.29	Yes	\$1,000.00	\$962.71
1300	8-Oct-12	19	10	\$39.85	Yes	\$1,000.00	\$960.15
1301	8-Oct-12	19	11	\$40.53	Yes	\$1,000.00	\$959.47
1302	8-Oct-12	19	12	\$38.09	Yes	\$1,000.00	\$961.91

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	8-Oct-12	20	1	\$33.33	Yes	\$1,000.00	\$966.67
1304	8-Oct-12	20	2	\$33.33	Yes	\$1,000.00	\$966.67
1305	8-Oct-12	20	3	\$36.93	Yes	\$1,000.00	\$963.07
1306	8-Oct-12	20	4	\$32.93	Yes	\$1,000.00	\$967.07
1307	8-Oct-12	20	5	\$35.60	Yes	\$1,000.00	\$964.40
1308	8-Oct-12	20	6	\$35.08	Yes	\$1,000.00	\$964.92
1309	8-Oct-12	20	7	\$33.38	Yes	\$1,000.00	\$966.62
1310	8-Oct-12	20	8	\$33.46	Yes	\$1,000.00	\$966.54
1311	8-Oct-12	20	9	\$33.46	Yes	\$1,000.00	\$966.54
1312	8-Oct-12	20	10	\$32.48	Yes	\$1,000.00	\$967.52
1313	8-Oct-12	20	11	\$32.48	Yes	\$1,000.00	\$967.52
1314	8-Oct-12	20	12	\$32.48	Yes	\$1,000.00	\$967.52
1315	8-Oct-12	21	1	\$39.49	Yes	\$1,000.00	\$960.51
1316	8-Oct-12	21	2	\$43.38	Yes	\$1,000.00	\$956.62
1317	8-Oct-12	21	3	\$40.62	Yes	\$1,000.00	\$959.38
1318	8-Oct-12	21	4	\$78.78	Yes	\$1,000.00	\$921.22
1319	8-Oct-12	21	5	\$49.63	Yes	\$1,000.00	\$950.37
1320	8-Oct-12	21	6	\$198.85	Yes	\$1,000.00	\$801.15
1321	8-Oct-12	21	7	\$41.79	Yes	\$1,000.00	\$958.21
1322	8-Oct-12	21	8	\$40.89	Yes	\$1,000.00	\$959.11
1323	8-Oct-12	21	9	\$39.97	Yes	\$1,000.00	\$960.03
1324	8-Oct-12	21	10	\$31.47	Yes	\$1,000.00	\$968.53
1325	8-Oct-12	21	11	\$31.41	Yes	\$1,000.00	\$968.59
1326	8-Oct-12	21	12	\$31.02	Yes	\$1,000.00	\$968.98
1327	10-Oct-12	9	5	\$26.24	Yes	\$1,000.00	\$973.76
1328	10-Oct-12	9	6	\$26.53	Yes	\$1,000.00	\$973.47
1329	10-Oct-12	9	7	\$26.52	Yes	\$1,000.00	\$973.48
1330	10-Oct-12	9	8	\$27.04	Yes	\$1,000.00	\$972.96
1331	10-Oct-12	9	9	\$27.04	Yes	\$1,000.00	\$972.96
1332	10-Oct-12	9	10	\$27.04	Yes	\$1,000.00	\$972.96
1333	10-Oct-12	9	11	\$27.04	Yes	\$1,000.00	\$972.96
1334	10-Oct-12	9	12	\$27.04	Yes	\$1,000.00	\$972.96
1335	10-Oct-12	10	1	\$27.04	Yes	\$1,000.00	\$972.96
1336	10-Oct-12	10	2	\$26.24	Yes	\$1,000.00	\$973.76
1337	10-Oct-12	10	3	\$26.19	Yes	\$1,000.00	\$973.81
1338	10-Oct-12	10	4	\$26.16	Yes	\$1,000.00	\$973.84
1339	10-Oct-12	10	5	\$26.16	Yes	\$1,000.00	\$973.84
1340	10-Oct-12	10	6	\$26.16	Yes	\$1,000.00	\$973.84
1341	10-Oct-12	10	7	\$26.22	Yes	\$1,000.00	\$973.78
1342	10-Oct-12	10	8	\$26.24	Yes	\$1,000.00	\$973.76
1343	10-Oct-12	10	9	\$26.33	Yes	\$1,000.00	\$973.67
1344	10-Oct-12	10	10	\$26.95	Yes	\$1,000.00	\$973.05
1345	10-Oct-12	10	11	\$27.92	Yes	\$1,000.00	\$972.08
1346	10-Oct-12	10	12	\$27.92	Yes	\$1,000.00	\$972.08
1347	10-Oct-12	11	1	\$27.91	Yes	\$1,000.00	\$972.09

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	10-Oct-12	11	2	\$28.54	Yes	\$1,000.00	\$971.46
1349	10-Oct-12	11	3	\$28.53	Yes	\$1,000.00	\$971.47
1350	10-Oct-12	11	4	\$28.65	Yes	\$1,000.00	\$971.35
1351	10-Oct-12	11	5	\$30.70	Yes	\$1,000.00	\$969.30
1352	10-Oct-12	11	6	\$31.23	Yes	\$1,000.00	\$968.77
1353	10-Oct-12	11	7	\$32.89	Yes	\$1,000.00	\$967.11
1354	10-Oct-12	11	8	\$32.99	Yes	\$1,000.00	\$967.01
1355	10-Oct-12	11	9	\$33.77	Yes	\$1,000.00	\$966.23
1356	10-Oct-12	11	10	\$34.67	Yes	\$1,000.00	\$965.33
1357	10-Oct-12	11	11	\$34.67	Yes	\$1,000.00	\$965.33
1358	10-Oct-12	11	12	\$35.72	Yes	\$1,000.00	\$964.28
1359	10-Oct-12	12	1	\$34.67	Yes	\$1,000.00	\$965.33
1360	10-Oct-12	12	2	\$34.67	Yes	\$1,000.00	\$965.33
1361	10-Oct-12	12	3	\$33.83	Yes	\$1,000.00	\$966.17
1362	10-Oct-12	12	4	\$32.83	Yes	\$1,000.00	\$967.17
1363	10-Oct-12	12	5	\$32.83	Yes	\$1,000.00	\$967.17
1364	10-Oct-12	12	6	\$33.62	Yes	\$1,000.00	\$966.38
1365	10-Oct-12	12	7	\$32.85	Yes	\$1,000.00	\$967.15
1366	10-Oct-12	12	8	\$31.38	Yes	\$1,000.00	\$968.62
1367	10-Oct-12	12	9	\$35.74	Yes	\$1,000.00	\$964.26
1368	10-Oct-12	12	10	\$34.98	Yes	\$1,000.00	\$965.02
1369	10-Oct-12	12	11	\$36.82	Yes	\$1,000.00	\$963.18
1370	10-Oct-12	12	12	\$36.82	Yes	\$1,000.00	\$963.18
1371	10-Oct-12	13	1	\$37.03	Yes	\$1,000.00	\$962.97
1372	10-Oct-12	13	2	\$37.85	Yes	\$1,000.00	\$962.15
1373	10-Oct-12	13	3	\$37.36	Yes	\$1,000.00	\$962.64
1374	10-Oct-12	13	4	\$37.60	Yes	\$1,000.00	\$962.40
1375	10-Oct-12	13	5	\$37.38	Yes	\$1,000.00	\$962.62
1376	10-Oct-12	13	6	\$37.71	Yes	\$1,000.00	\$962.29
1377	10-Oct-12	13	7	\$33.27	Yes	\$1,000.00	\$966.73
1378	10-Oct-12	13	8	\$37.88	Yes	\$1,000.00	\$962.12
1379	10-Oct-12	13	9	\$37.88	Yes	\$1,000.00	\$962.12
1380	10-Oct-12	13	10	\$37.93	Yes	\$1,000.00	\$962.07
1381	10-Oct-12	13	11	\$35.99	Yes	\$1,000.00	\$964.01
1382	10-Oct-12	13	12	\$31.67	Yes	\$1,000.00	\$968.33
1383	10-Oct-12	14	1	\$30.07	Yes	\$1,000.00	\$969.93
1384	10-Oct-12	14	2	\$29.81	Yes	\$1,000.00	\$970.19
1385	10-Oct-12	14	3	\$29.37	Yes	\$1,000.00	\$970.63
1386	10-Oct-12	14	4	\$30.10	Yes	\$1,000.00	\$969.90
1387	10-Oct-12	14	5	\$29.84	Yes	\$1,000.00	\$970.16
1388	10-Oct-12	14	6	\$29.84	Yes	\$1,000.00	\$970.16
1389	10-Oct-12	14	7	\$30.09	Yes	\$1,000.00	\$969.91
1390	10-Oct-12	14	8	\$30.09	Yes	\$1,000.00	\$969.91
1391	10-Oct-12	14	9	\$30.44	Yes	\$1,000.00	\$969.56
1392	10-Oct-12	14	10	\$30.05	Yes	\$1,000.00	\$969.95

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	10-Oct-12	14	11	\$30.40	Yes	\$1,000.00	\$969.60
1394	10-Oct-12	14	12	\$31.49	Yes	\$1,000.00	\$968.51
1395	10-Oct-12	15	1	\$30.50	Yes	\$1,000.00	\$969.50
1396	10-Oct-12	15	2	\$30.50	Yes	\$1,000.00	\$969.50
1397	10-Oct-12	15	3	\$30.50	Yes	\$1,000.00	\$969.50
1398	10-Oct-12	15	4	\$30.67	Yes	\$1,000.00	\$969.33
1399	10-Oct-12	15	5	\$31.94	Yes	\$1,000.00	\$968.06
1400	10-Oct-12	15	6	\$31.94	Yes	\$1,000.00	\$968.06
1401	10-Oct-12	15	7	\$32.11	Yes	\$1,000.00	\$967.89
1402	10-Oct-12	15	8	\$33.06	Yes	\$1,000.00	\$966.94
1403	10-Oct-12	15	9	\$33.06	Yes	\$1,000.00	\$966.94
1404	10-Oct-12	15	10	\$31.89	Yes	\$1,000.00	\$968.11
1405	10-Oct-12	15	11	\$31.99	Yes	\$1,000.00	\$968.01
1406	10-Oct-12	15	12	\$31.89	Yes	\$1,000.00	\$968.11
1407	10-Oct-12	16	1	\$31.43	Yes	\$1,000.00	\$968.57
1408	10-Oct-12	16	2	\$31.43	Yes	\$1,000.00	\$968.57
1409	10-Oct-12	16	3	\$30.42	Yes	\$1,000.00	\$969.58
1410	10-Oct-12	16	4	\$31.62	Yes	\$1,000.00	\$968.38
1411	10-Oct-12	16	5	\$31.62	Yes	\$1,000.00	\$968.38
1412	10-Oct-12	16	6	\$30.75	Yes	\$1,000.00	\$969.25
1413	10-Oct-12	16	7	\$30.66	Yes	\$1,000.00	\$969.34
1414	10-Oct-12	16	8	\$30.66	Yes	\$1,000.00	\$969.34
1415	10-Oct-12	16	9	\$31.53	Yes	\$1,000.00	\$968.47
1416	10-Oct-12	16	10	\$31.46	Yes	\$1,000.00	\$968.54
1417	10-Oct-12	16	11	\$31.46	Yes	\$1,000.00	\$968.54
1418	10-Oct-12	16	12	\$31.46	Yes	\$1,000.00	\$968.54
1419	10-Oct-12	17	1	\$30.14	Yes	\$1,000.00	\$969.86
1420	10-Oct-12	17	2	\$30.14	Yes	\$1,000.00	\$969.86
1421	10-Oct-12	17	3	\$30.12	Yes	\$1,000.00	\$969.88
1422	10-Oct-12	17	4	\$30.15	Yes	\$1,000.00	\$969.85
1423	10-Oct-12	17	5	\$29.96	Yes	\$1,000.00	\$970.04
1424	10-Oct-12	17	6	\$29.66	Yes	\$1,000.00	\$970.34
1425	10-Oct-12	17	7	\$29.74	Yes	\$1,000.00	\$970.26
1426	10-Oct-12	17	8	\$29.40	Yes	\$1,000.00	\$970.60
1427	10-Oct-12	17	9	\$29.40	Yes	\$1,000.00	\$970.60
1428	10-Oct-12	17	10	\$29.32	Yes	\$1,000.00	\$970.68
1429	10-Oct-12	17	11	\$29.32	Yes	\$1,000.00	\$970.68
1430	10-Oct-12	17	12	\$29.33	Yes	\$1,000.00	\$970.67
1431	10-Oct-12	18	1	\$30.03	Yes	\$1,000.00	\$969.97
1432	10-Oct-12	18	2	\$29.83	Yes	\$1,000.00	\$970.17
1433	10-Oct-12	18	3	\$29.72	Yes	\$1,000.00	\$970.28
1434	10-Oct-12	18	4	\$29.84	Yes	\$1,000.00	\$970.16
1435	10-Oct-12	18	5	\$29.84	Yes	\$1,000.00	\$970.16
1436	10-Oct-12	18	6	\$29.37	Yes	\$1,000.00	\$970.63
1437	10-Oct-12	18	7	\$28.99	Yes	\$1,000.00	\$971.01

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1438	10-Oct-12	18	8	\$28.99	Yes	\$1,000.00	\$971.01
1439	10-Oct-12	18	9	\$28.99	Yes	\$1,000.00	\$971.01
1440	10-Oct-12	18	10	\$29.24	Yes	\$1,000.00	\$970.76
1441	10-Oct-12	18	11	\$29.83	Yes	\$1,000.00	\$970.17
1442	10-Oct-12	18	12	\$29.71	Yes	\$1,000.00	\$970.29
1443	10-Oct-12	19	1	\$27.81	Yes	\$1,000.00	\$972.19
1444	10-Oct-12	19	2	\$28.77	Yes	\$1,000.00	\$971.23
1445	10-Oct-12	19	3	\$29.18	Yes	\$1,000.00	\$970.82
1446	10-Oct-12	19	4	\$30.36	Yes	\$1,000.00	\$969.64
1447	10-Oct-12	19	5	\$31.84	Yes	\$1,000.00	\$968.16
1448	10-Oct-12	19	6	\$31.95	Yes	\$1,000.00	\$968.05
1449	10-Oct-12	19	7	\$1,002.60	Yes	\$1,000.00	(\$2.60)
1450	10-Oct-12	19	8	\$1,002.60	Yes	\$1,000.00	(\$2.60)
1451	10-Oct-12	19	9	\$1,002.60	Yes	\$1,000.00	(\$2.60)
1452	10-Oct-12	19	10	\$47.91	Yes	\$1,000.00	\$952.09
1453	10-Oct-12	19	11	\$47.91	Yes	\$1,000.00	\$952.09
1454	10-Oct-12	19	12	\$43.61	Yes	\$1,000.00	\$956.39
1455	10-Oct-12	20	1	\$33.85	Yes	\$1,000.00	\$966.15
1456	10-Oct-12	20	2	\$33.07	Yes	\$1,000.00	\$966.93
1457	10-Oct-12	20	3	\$33.07	Yes	\$1,000.00	\$966.93
1458	10-Oct-12	20	4	\$33.08	Yes	\$1,000.00	\$966.92
1459	10-Oct-12	20	5	\$33.47	Yes	\$1,000.00	\$966.53
1460	10-Oct-12	20	6	\$33.64	Yes	\$1,000.00	\$966.36
1461	10-Oct-12	20	7	\$32.80	Yes	\$1,000.00	\$967.20
1462	10-Oct-12	20	8	\$32.79	Yes	\$1,000.00	\$967.21
1463	10-Oct-12	20	9	\$32.79	Yes	\$1,000.00	\$967.21
1464	10-Oct-12	20	10	\$29.47	Yes	\$1,000.00	\$970.53
1465	10-Oct-12	20	11	\$29.47	Yes	\$1,000.00	\$970.53
1466	10-Oct-12	20	12	\$27.89	Yes	\$1,000.00	\$972.11
1467	11-Oct-12	9	7	\$35.45	Yes	\$1,000.00	\$964.55
1468	11-Oct-12	9	8	\$36.78	Yes	\$1,000.00	\$963.22
1469	11-Oct-12	9	9	\$36.51	Yes	\$1,000.00	\$963.49
1470	11-Oct-12	9	10	\$42.31	Yes	\$1,000.00	\$957.69
1471	11-Oct-12	9	11	\$40.45	Yes	\$1,000.00	\$959.55
1472	11-Oct-12	9	12	\$36.65	Yes	\$1,000.00	\$963.35
1473	11-Oct-12	10	1	\$28.34	Yes	\$1,000.00	\$971.66
1474	11-Oct-12	10	2	\$32.65	Yes	\$1,000.00	\$967.35
1475	11-Oct-12	10	3	\$31.14	Yes	\$1,000.00	\$968.86
1476	11-Oct-12	10	4	\$34.12	Yes	\$1,000.00	\$965.88
1477	11-Oct-12	10	5	\$36.42	Yes	\$1,000.00	\$963.58
1478	11-Oct-12	10	6	\$26.58	Yes	\$1,000.00	\$973.42
1479	11-Oct-12	10	7	\$32.57	Yes	\$1,000.00	\$967.43
1480	11-Oct-12	10	8	\$34.07	Yes	\$1,000.00	\$965.93
1481	11-Oct-12	10	9	\$34.11	Yes	\$1,000.00	\$965.89
1482	11-Oct-12	10	10	\$36.10	Yes	\$1,000.00	\$963.90

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1483	11-Oct-12	10	11	\$35.16	Yes	\$1,000.00	\$964.84
1484	11-Oct-12	10	12	\$38.76	Yes	\$1,000.00	\$961.24
1485	11-Oct-12	11	1	\$26.60	Yes	\$1,000.00	\$973.40
1486	11-Oct-12	11	2	\$34.12	Yes	\$1,000.00	\$965.88
1487	11-Oct-12	11	3	\$34.01	Yes	\$1,000.00	\$965.99
1488	11-Oct-12	11	4	\$199.26	Yes	\$1,000.00	\$800.74
1489	11-Oct-12	11	5	\$199.26	Yes	\$1,000.00	\$800.74
1490	11-Oct-12	11	6	\$47.80	Yes	\$1,000.00	\$952.20
1491	11-Oct-12	11	7	\$33.68	Yes	\$1,000.00	\$966.32
1492	11-Oct-12	11	8	\$31.22	Yes	\$1,000.00	\$968.78
1493	11-Oct-12	11	9	\$31.22	Yes	\$1,000.00	\$968.78
1494	11-Oct-12	11	10	\$33.15	Yes	\$1,000.00	\$966.85
1495	11-Oct-12	11	11	\$34.20	Yes	\$1,000.00	\$965.80
1496	11-Oct-12	11	12	\$44.13	Yes	\$1,000.00	\$955.87
1497	11-Oct-12	12	1	\$36.57	Yes	\$1,000.00	\$963.43
1498	11-Oct-12	12	2	\$36.57	Yes	\$1,000.00	\$963.43
1499	11-Oct-12	12	3	\$38.27	Yes	\$1,000.00	\$961.73
1500	11-Oct-12	12	4	\$36.58	Yes	\$1,000.00	\$963.42
1501	11-Oct-12	12	5	\$36.82	Yes	\$1,000.00	\$963.18
1502	11-Oct-12	12	6	\$39.97	Yes	\$1,000.00	\$960.03
1503	11-Oct-12	12	7	\$45.17	Yes	\$1,000.00	\$954.83
1504	11-Oct-12	12	8	\$43.11	Yes	\$1,000.00	\$956.89
1505	11-Oct-12	12	9	\$41.71	Yes	\$1,000.00	\$958.29
1506	11-Oct-12	12	10	\$41.02	Yes	\$1,000.00	\$958.98
1507	11-Oct-12	12	11	\$39.76	Yes	\$1,000.00	\$960.24
1508	11-Oct-12	12	12	\$36.82	Yes	\$1,000.00	\$963.18
1509	11-Oct-12	13	1	\$34.57	Yes	(\$30.00)	(\$64.57)
1510	11-Oct-12	13	2	\$34.57	Yes	(\$30.00)	(\$64.57)
1511	11-Oct-12	13	3	\$32.19	Yes	(\$30.00)	(\$62.19)
1512	11-Oct-12	13	4	\$976.80	Yes	(\$30.00)	(\$1,006.80)
1513	11-Oct-12	13	5	\$976.80	Yes	(\$30.00)	(\$1,006.80)
1514	11-Oct-12	13	6	\$976.80	Yes	(\$30.00)	(\$1,006.80)
1515	11-Oct-12	13	7	\$36.79	Yes	(\$30.00)	(\$66.79)
1516	11-Oct-12	13	8	\$37.82	Yes	(\$30.00)	(\$67.82)
1517	11-Oct-12	13	9	\$36.60	Yes	(\$30.00)	(\$66.60)
1518	11-Oct-12	13	10	\$84.34	Yes	(\$30.00)	(\$114.34)
1519	11-Oct-12	13	11	\$34.93	Yes	(\$30.00)	(\$64.93)
1520	11-Oct-12	13	12	\$40.62	Yes	(\$30.00)	(\$70.62)
1521	11-Oct-12	14	1	\$34.37	Yes	\$1,000.00	\$965.63
1522	11-Oct-12	14	2	\$34.37	Yes	\$1,000.00	\$965.63
1523	11-Oct-12	14	3	\$31.08	Yes	\$1,000.00	\$968.92
1524	11-Oct-12	14	4	\$31.24	Yes	\$1,000.00	\$968.76
1525	11-Oct-12	14	5	\$32.54	Yes	\$1,000.00	\$967.46
1526	11-Oct-12	14	6	\$32.48	Yes	\$1,000.00	\$967.52
1527	11-Oct-12	14	7	\$31.11	Yes	\$1,000.00	\$968.89

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1528	11-Oct-12	14	8	\$32.55	Yes	\$1,000.00	\$967.45
1529	11-Oct-12	14	9	\$33.90	Yes	\$1,000.00	\$966.10
1530	11-Oct-12	14	10	\$33.62	Yes	\$1,000.00	\$966.38
1531	11-Oct-12	14	11	\$34.46	Yes	\$1,000.00	\$965.54
1532	11-Oct-12	14	12	\$38.32	Yes	\$1,000.00	\$961.68
1533	11-Oct-12	15	1	\$42.23	Yes	\$1,000.00	\$957.77
1534	11-Oct-12	15	2	\$42.23	Yes	\$1,000.00	\$957.77
1535	11-Oct-12	15	3	\$41.61	Yes	\$1,000.00	\$958.39
1536	11-Oct-12	15	4	\$37.67	Yes	\$1,000.00	\$962.33
1537	11-Oct-12	15	5	\$37.67	Yes	\$1,000.00	\$962.33
1538	11-Oct-12	15	6	\$37.67	Yes	\$1,000.00	\$962.33
1539	11-Oct-12	15	7	\$38.20	Yes	\$1,000.00	\$961.80
1540	11-Oct-12	15	8	\$42.33	Yes	\$1,000.00	\$957.67
1541	11-Oct-12	15	9	\$43.14	Yes	\$1,000.00	\$956.86
1542	11-Oct-12	15	10	\$43.17	Yes	\$1,000.00	\$956.83
1543	11-Oct-12	15	11	\$43.68	Yes	\$1,000.00	\$956.32
1544	11-Oct-12	15	12	\$45.83	Yes	\$1,000.00	\$954.17
1545	11-Oct-12	16	1	\$34.20	Yes	\$1,000.00	\$965.80
1546	11-Oct-12	16	2	\$35.15	Yes	\$1,000.00	\$964.85
1547	11-Oct-12	16	3	\$34.59	Yes	\$1,000.00	\$965.41
1548	11-Oct-12	16	4	\$35.60	Yes	\$1,000.00	\$964.40
1549	11-Oct-12	16	5	\$35.79	Yes	\$1,000.00	\$964.21
1550	11-Oct-12	16	6	\$35.60	Yes	\$1,000.00	\$964.40
1551	11-Oct-12	16	7	\$35.62	Yes	\$1,000.00	\$964.38
1552	11-Oct-12	16	8	\$35.40	Yes	\$1,000.00	\$964.60
1553	11-Oct-12	16	9	\$32.64	Yes	\$1,000.00	\$967.36
1554	11-Oct-12	16	10	\$32.23	Yes	\$1,000.00	\$967.77
1555	11-Oct-12	16	11	\$32.12	Yes	\$1,000.00	\$967.88
1556	11-Oct-12	16	12	\$26.66	Yes	\$1,000.00	\$973.34
1557	11-Oct-12	17	1	\$25.50	Yes	\$1,000.00	\$974.50
1558	11-Oct-12	17	2	\$25.50	Yes	\$1,000.00	\$974.50
1559	11-Oct-12	17	3	\$25.64	Yes	\$1,000.00	\$974.36
1560	11-Oct-12	17	4	\$25.38	Yes	\$1,000.00	\$974.62
1561	11-Oct-12	17	5	\$25.45	Yes	\$1,000.00	\$974.55
1562	11-Oct-12	17	6	\$26.55	Yes	\$1,000.00	\$973.45
1563	11-Oct-12	17	7	\$26.55	Yes	\$1,000.00	\$973.45
1564	11-Oct-12	17	8	\$26.55	Yes	\$1,000.00	\$973.45
1565	11-Oct-12	17	9	\$26.55	Yes	\$1,000.00	\$973.45
1566	11-Oct-12	17	10	\$26.24	Yes	\$1,000.00	\$973.76
1567	11-Oct-12	17	11	\$26.79	Yes	\$1,000.00	\$973.21
1568	11-Oct-12	17	12	\$32.14	Yes	\$1,000.00	\$967.86
1569	11-Oct-12	18	1	\$33.82	Yes	\$1,000.00	\$966.18
1570	11-Oct-12	18	2	\$34.23	Yes	\$1,000.00	\$965.77
1571	11-Oct-12	18	3	\$32.80	Yes	\$1,000.00	\$967.20
1572	11-Oct-12	18	4	\$31.88	Yes	\$1,000.00	\$968.12



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1573	11-Oct-12	18	5	\$31.88	Yes	\$1,000.00	\$968.12
1574	11-Oct-12	18	6	\$31.88	Yes	\$1,000.00	\$968.12
1575	11-Oct-12	18	7	\$31.91	Yes	\$1,000.00	\$968.09
1576	11-Oct-12	18	8	\$33.27	Yes	\$1,000.00	\$966.73
1577	11-Oct-12	18	9	\$34.76	Yes	\$1,000.00	\$965.24
1578	11-Oct-12	18	10	\$34.90	Yes	\$1,000.00	\$965.10
1579	11-Oct-12	18	11	\$34.40	Yes	\$1,000.00	\$965.60
1580	11-Oct-12	18	12	\$31.93	Yes	\$1,000.00	\$968.07
1581	11-Oct-12	19	1	\$25.07	Yes	\$1,000.00	\$974.93
1582	11-Oct-12	19	2	\$23.16	Yes	\$1,000.00	\$976.84
1583	11-Oct-12	19	3	\$23.94	Yes	\$1,000.00	\$976.06
1584	11-Oct-12	19	4	\$26.45	Yes	\$1,000.00	\$973.55
1585	11-Oct-12	19	5	\$26.77	Yes	\$1,000.00	\$973.23
1586	11-Oct-12	19	6	\$32.35	Yes	\$1,000.00	\$967.65
1587	11-Oct-12	19	7	\$32.47	Yes	\$1,000.00	\$967.53
1588	11-Oct-12	19	8	\$34.28	Yes	\$1,000.00	\$965.72
1589	11-Oct-12	19	9	\$49.37	Yes	\$1,000.00	\$950.63
1590	11-Oct-12	19	10	\$53.74	Yes	\$1,000.00	\$946.26
1591	11-Oct-12	19	11	\$99.50	Yes	\$1,000.00	\$900.50
1592	11-Oct-12	19	12	\$106.62	Yes	\$1,000.00	\$893.38
1593	11-Oct-12	20	1	\$34.69	Yes	(\$30.00)	(\$64.69)
1594	11-Oct-12	20	2	\$42.56	Yes	(\$30.00)	(\$72.56)
1595	11-Oct-12	20	3	\$34.53	Yes	(\$30.00)	(\$64.53)
1596	11-Oct-12	20	4	\$83.38	Yes	(\$30.00)	(\$113.38)
1597	11-Oct-12	20	5	\$85.32	Yes	(\$30.00)	(\$115.32)
1598	11-Oct-12	20	6	\$184.92	Yes	(\$30.00)	(\$214.92)
1599	11-Oct-12	20	7	\$34.44	Yes	(\$30.00)	(\$64.44)
1600	11-Oct-12	20	8	\$34.28	Yes	(\$30.00)	(\$64.28)
1601	11-Oct-12	20	9	\$32.19	Yes	(\$30.00)	(\$62.19)
1602	11-Oct-12	20	10	\$28.50	Yes	(\$30.00)	(\$58.50)
1603	11-Oct-12	20	11	\$30.58	Yes	(\$30.00)	(\$60.58)
1604	11-Oct-12	20	12	\$26.38	Yes	(\$30.00)	(\$56.38)
1605	11-Oct-12	21	1	\$26.71	Yes	\$1,000.00	\$973.29
1606	11-Oct-12	21	2	\$29.09	Yes	\$1,000.00	\$970.91
1607	11-Oct-12	21	3	\$32.03	Yes	\$1,000.00	\$967.97
1608	11-Oct-12	21	4	\$33.73	Yes	\$1,000.00	\$966.27
1609	11-Oct-12	21	5	\$39.31	Yes	\$1,000.00	\$960.69
1610	11-Oct-12	21	6	\$54.74	Yes	\$1,000.00	\$945.26
1611	11-Oct-12	21	7	\$32.48	Yes	\$1,000.00	\$967.52
1612	11-Oct-12	21	8	\$31.98	Yes	\$1,000.00	\$968.02
1613	11-Oct-12	21	9	\$31.98	Yes	\$1,000.00	\$968.02
1614	11-Oct-12	21	10	\$32.21	Yes	\$1,000.00	\$967.79
1615	11-Oct-12	21	11	\$31.93	Yes	\$1,000.00	\$968.07
1616	11-Oct-12	21	12	\$31.07	Yes	\$1,000.00	\$968.93
1617	12-Oct-12	3	1	\$33.50	Yes	\$1,000.00	\$966.50

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1618	12-Oct-12	3	2	\$33.50	Yes	\$1,000.00	\$966.50
1619	12-Oct-12	3	3	\$33.50	Yes	\$1,000.00	\$966.50
1620	12-Oct-12	3	4	\$34.53	Yes	\$1,000.00	\$965.47
1621	12-Oct-12	3	5	\$34.53	Yes	\$1,000.00	\$965.47
1622	12-Oct-12	3	6	\$34.53	Yes	\$1,000.00	\$965.47
1623	12-Oct-12	3	7	\$31.81	Yes	\$1,000.00	\$968.19
1624	12-Oct-12	3	8	\$31.94	Yes	\$1,000.00	\$968.06
1625	12-Oct-12	3	9	\$31.94	Yes	\$1,000.00	\$968.06
1626	12-Oct-12	3	10	\$30.18	Yes	\$1,000.00	\$969.82
1627	12-Oct-12	3	11	\$31.76	Yes	\$1,000.00	\$968.24
1628	12-Oct-12	3	12	\$31.76	Yes	\$1,000.00	\$968.24
1629	12-Oct-12	4	1	\$31.85	Yes	\$1,000.00	\$968.15
1630	12-Oct-12	4	2	\$31.85	Yes	\$1,000.00	\$968.15
1631	12-Oct-12	4	3	\$33.89	Yes	\$1,000.00	\$966.11
1632	12-Oct-12	4	4	\$33.75	Yes	\$1,000.00	\$966.25
1633	12-Oct-12	4	5	\$33.75	Yes	\$1,000.00	\$966.25
1634	12-Oct-12	4	6	\$33.75	Yes	\$1,000.00	\$966.25
1635	12-Oct-12	4	7	\$30.15	Yes	\$1,000.00	\$969.85
1636	12-Oct-12	4	8	\$31.92	Yes	\$1,000.00	\$968.08
1637	12-Oct-12	4	9	\$33.04	Yes	\$1,000.00	\$966.96
1638	12-Oct-12	4	10	\$33.60	Yes	\$1,000.00	\$966.40
1639	12-Oct-12	4	11	\$33.60	Yes	\$1,000.00	\$966.40
1640	12-Oct-12	4	12	\$33.77	Yes	\$1,000.00	\$966.23
1641	12-Oct-12	5	1	\$36.01	Yes	\$1,000.00	\$963.99
1642	12-Oct-12	5	2	\$36.02	Yes	\$1,000.00	\$963.98
1643	12-Oct-12	5	3	\$36.62	Yes	\$1,000.00	\$963.38
1644	12-Oct-12	5	4	\$36.73	Yes	\$1,000.00	\$963.27
1645	12-Oct-12	5	5	\$36.73	Yes	\$1,000.00	\$963.27
1646	12-Oct-12	5	6	\$36.73	Yes	\$1,000.00	\$963.27
1647	12-Oct-12	5	7	\$36.48	Yes	\$1,000.00	\$963.52
1648	12-Oct-12	5	8	\$36.48	Yes	\$1,000.00	\$963.52
1649	12-Oct-12	5	9	\$36.48	Yes	\$1,000.00	\$963.52
1650	12-Oct-12	5	10	\$36.98	Yes	\$1,000.00	\$963.02
1651	12-Oct-12	5	11	\$36.98	Yes	\$1,000.00	\$963.02
1652	12-Oct-12	5	12	\$37.13	Yes	\$1,000.00	\$962.87
1653	12-Oct-12	6	1	\$35.36	Yes	\$1,000.00	\$964.64
1654	12-Oct-12	6	2	\$35.44	Yes	\$1,000.00	\$964.56
1655	12-Oct-12	6	3	\$36.04	Yes	\$1,000.00	\$963.96
1656	12-Oct-12	6	4	\$36.43	Yes	\$1,000.00	\$963.57
1657	12-Oct-12	6	5	\$38.03	Yes	\$1,000.00	\$961.97
1658	12-Oct-12	6	6	\$41.03	Yes	\$1,000.00	\$958.97
1659	12-Oct-12	6	7	\$41.31	Yes	\$1,000.00	\$958.70
1660	12-Oct-12	6	8	\$38.53	Yes	\$1,000.00	\$961.47
1661	12-Oct-12	6	9	\$42.19	Yes	\$1,000.00	\$957.81
1662	12-Oct-12	6	10	\$37.08	Yes	\$1,000.00	\$962.92

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1663	12-Oct-12	6	11	\$38.15	Yes	\$1,000.00	\$961.85
1664	12-Oct-12	6	12	\$40.82	Yes	\$1,000.00	\$959.18
1665	12-Oct-12	7	1	\$25.66	Yes	\$1,000.00	\$974.34
1666	12-Oct-12	7	2	\$27.67	Yes	\$1,000.00	\$972.33
1667	12-Oct-12	7	3	\$25.66	Yes	\$1,000.00	\$974.34
1668	12-Oct-12	7	4	\$27.68	Yes	\$1,000.00	\$972.32
1669	12-Oct-12	7	5	\$32.75	Yes	\$1,000.00	\$967.25
1670	12-Oct-12	7	6	\$36.21	Yes	\$1,000.00	\$963.79
1671	12-Oct-12	7	7	\$33.00	Yes	\$1,000.00	\$967.00
1672	12-Oct-12	7	8	\$35.74	Yes	\$1,000.00	\$964.26
1673	12-Oct-12	7	9	\$36.48	Yes	\$1,000.00	\$963.52
1674	12-Oct-12	7	10	\$38.24	Yes	\$1,000.00	\$961.76
1675	12-Oct-12	7	11	\$40.87	Yes	\$1,000.00	\$959.13
1676	12-Oct-12	7	12	\$36.41	Yes	\$1,000.00	\$963.59
1677	12-Oct-12	8	1	\$27.61	Yes	\$1,000.00	\$972.39
1678	12-Oct-12	8	2	\$26.49	Yes	\$1,000.00	\$973.51
1679	12-Oct-12	8	3	\$31.92	Yes	\$1,000.00	\$968.08
1680	12-Oct-12	8	4	\$32.30	Yes	\$1,000.00	\$967.70
1681	12-Oct-12	8	5	\$32.78	Yes	\$1,000.00	\$967.22
1682	12-Oct-12	8	6	\$32.93	Yes	\$1,000.00	\$967.07
1683	12-Oct-12	8	7	\$32.99	Yes	\$1,000.00	\$967.01
1684	12-Oct-12	8	8	\$32.82	Yes	\$1,000.00	\$967.18
1685	12-Oct-12	8	9	\$33.82	Yes	\$1,000.00	\$966.18
1686	12-Oct-12	8	10	\$34.08	Yes	\$1,000.00	\$965.92
1687	12-Oct-12	8	11	\$35.43	Yes	\$1,000.00	\$964.57
1688	12-Oct-12	8	12	\$38.21	Yes	\$1,000.00	\$961.79
1689	12-Oct-12	9	1	\$36.54	Yes	\$1,000.00	\$963.46
1690	12-Oct-12	9	2	\$36.54	Yes	\$1,000.00	\$963.46
1691	12-Oct-12	9	3	\$35.25	Yes	\$1,000.00	\$964.75
1692	12-Oct-12	9	4	\$34.78	Yes	\$1,000.00	\$965.22
1693	12-Oct-12	9	5	\$34.70	Yes	\$1,000.00	\$965.30
1694	12-Oct-12	9	6	\$34.78	Yes	\$1,000.00	\$965.22
1695	12-Oct-12	9	7	\$34.89	Yes	\$1,000.00	\$965.11
1696	12-Oct-12	9	8	\$35.44	Yes	\$1,000.00	\$964.56
1697	12-Oct-12	9	9	\$36.62	Yes	\$1,000.00	\$963.38
1698	12-Oct-12	9	10	\$36.69	Yes	\$1,000.00	\$963.31
1699	12-Oct-12	9	11	\$35.49	Yes	\$1,000.00	\$964.51
1700	12-Oct-12	9	12	\$35.93	Yes	\$1,000.00	\$964.07
1701	12-Oct-12	10	1	\$36.58	Yes	\$1,000.00	\$963.42
1702	12-Oct-12	10	2	\$58.03	Yes	\$1,000.00	\$941.97
1703	12-Oct-12	10	3	\$47.45	Yes	\$1,000.00	\$952.55
1704	12-Oct-12	10	4	\$990.30	Yes	\$1,000.00	\$9.70
1705	12-Oct-12	10	5	\$50.76	Yes	\$1,000.00	\$949.24
1706	12-Oct-12	10	6	\$86.84	Yes	\$1,000.00	\$913.16
1707	12-Oct-12	10	7	\$44.73	Yes	\$1,000.00	\$955.27

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1708	12-Oct-12	10	8	\$47.48	Yes	\$1,000.00	\$952.52
1709	12-Oct-12	10	9	\$47.48	Yes	\$1,000.00	\$952.52
1710	12-Oct-12	10	10	\$47.48	Yes	\$1,000.00	\$952.52
1711	12-Oct-12	10	11	\$42.24	Yes	\$1,000.00	\$957.76
1712	12-Oct-12	10	12	\$38.77	Yes	\$1,000.00	\$961.23
1713	12-Oct-12	11	1	\$34.88	Yes	\$1,000.00	\$965.12
1714	12-Oct-12	11	2	\$35.05	Yes	\$1,000.00	\$964.95
1715	12-Oct-12	11	3	\$36.49	Yes	\$1,000.00	\$963.51
1716	12-Oct-12	11	4	\$36.68	Yes	\$1,000.00	\$963.32
1717	12-Oct-12	11	5	\$37.22	Yes	\$1,000.00	\$962.78
1718	12-Oct-12	11	6	\$37.09	Yes	\$1,000.00	\$962.91
1719	12-Oct-12	11	7	\$36.13	Yes	\$1,000.00	\$963.87
1720	12-Oct-12	11	8	\$36.31	Yes	\$1,000.00	\$963.69
1721	12-Oct-12	11	9	\$37.21	Yes	\$1,000.00	\$962.79
1722	12-Oct-12	11	10	\$41.92	Yes	\$1,000.00	\$958.08
1723	12-Oct-12	11	11	\$39.06	Yes	\$1,000.00	\$960.94
1724	12-Oct-12	11	12	\$36.22	Yes	\$1,000.00	\$963.78
1725	12-Oct-12	12	1	\$34.01	Yes	\$1,000.00	\$965.99
1726	12-Oct-12	12	2	\$34.50	Yes	\$1,000.00	\$965.50
1727	12-Oct-12	12	3	\$34.01	Yes	\$1,000.00	\$965.99
1728	12-Oct-12	12	4	\$33.91	Yes	\$1,000.00	\$966.09
1729	12-Oct-12	12	5	\$33.91	Yes	\$1,000.00	\$966.09
1730	12-Oct-12	12	6	\$33.60	Yes	\$1,000.00	\$966.40
1731	12-Oct-12	12	7	\$33.64	Yes	\$1,000.00	\$966.36
1732	12-Oct-12	12	8	\$33.61	Yes	\$1,000.00	\$966.39
1733	12-Oct-12	12	9	\$34.28	Yes	\$1,000.00	\$965.72
1734	12-Oct-12	12	10	\$34.74	Yes	\$1,000.00	\$965.26
1735	12-Oct-12	12	11	\$34.76	Yes	\$1,000.00	\$965.24
1736	12-Oct-12	12	12	\$34.77	Yes	\$1,000.00	\$965.23
1737	12-Oct-12	13	1	\$34.76	Yes	\$1,000.00	\$965.24
1738	12-Oct-12	13	2	\$35.28	Yes	\$1,000.00	\$964.72
1739	12-Oct-12	13	3	\$34.76	Yes	\$1,000.00	\$965.24
1740	12-Oct-12	13	4	\$34.47	Yes	\$1,000.00	\$965.53
1741	12-Oct-12	13	5	\$34.82	Yes	\$1,000.00	\$965.18
1742	12-Oct-12	13	6	\$34.90	Yes	\$1,000.00	\$965.10
1743	12-Oct-12	13	7	\$35.58	Yes	\$1,000.00	\$964.42
1744	12-Oct-12	13	8	\$35.57	Yes	\$1,000.00	\$964.43
1745	12-Oct-12	13	9	\$34.69	Yes	\$1,000.00	\$965.31
1746	12-Oct-12	13	10	\$34.19	Yes	\$1,000.00	\$965.81
1747	12-Oct-12	13	11	\$34.19	Yes	\$1,000.00	\$965.81
1748	12-Oct-12	13	12	\$34.12	Yes	\$1,000.00	\$965.88
1749	12-Oct-12	14	1	\$34.16	Yes	\$1,000.00	\$965.84
1750	12-Oct-12	14	2	\$34.18	Yes	\$1,000.00	\$965.82
1751	12-Oct-12	14	3	\$34.18	Yes	\$1,000.00	\$965.82
1752	12-Oct-12	14	4	\$34.08	Yes	\$1,000.00	\$965.92

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1753	12-Oct-12	14	5	\$33.58	Yes	\$1,000.00	\$966.42
1754	12-Oct-12	14	6	\$34.07	Yes	\$1,000.00	\$965.93
1755	12-Oct-12	14	7	\$34.17	Yes	\$1,000.00	\$965.83
1756	12-Oct-12	14	8	\$33.68	Yes	\$1,000.00	\$966.32
1757	12-Oct-12	14	9	\$34.16	Yes	\$1,000.00	\$965.84
1758	12-Oct-12	14	10	\$34.19	Yes	\$1,000.00	\$965.81
1759	12-Oct-12	14	11	\$34.19	Yes	\$1,000.00	\$965.81
1760	12-Oct-12	14	12	\$33.74	Yes	\$1,000.00	\$966.26
1761	12-Oct-12	15	1	\$33.20	Yes	\$1,000.00	\$966.80
1762	12-Oct-12	15	2	\$32.80	Yes	\$1,000.00	\$967.20
1763	12-Oct-12	15	3	\$32.30	Yes	\$1,000.00	\$967.70
1764	12-Oct-12	15	4	\$32.62	Yes	\$1,000.00	\$967.38
1765	12-Oct-12	15	5	\$32.62	Yes	\$1,000.00	\$967.38
1766	12-Oct-12	15	6	\$27.46	Yes	\$1,000.00	\$972.54
1767	12-Oct-12	15	7	\$28.53	Yes	\$1,000.00	\$971.47
1768	12-Oct-12	15	8	\$28.53	Yes	\$1,000.00	\$971.47
1769	12-Oct-12	15	9	\$28.53	Yes	\$1,000.00	\$971.47
1770	12-Oct-12	15	10	\$28.42	Yes	\$1,000.00	\$971.58
1771	12-Oct-12	15	11	\$32.33	Yes	\$1,000.00	\$967.67
1772	12-Oct-12	15	12	\$31.50	Yes	\$1,000.00	\$968.50
1773	12-Oct-12	16	1	\$28.41	Yes	\$1,000.00	\$971.59
1774	12-Oct-12	16	2	\$27.48	Yes	\$1,000.00	\$972.52
1775	12-Oct-12	16	3	\$28.41	Yes	\$1,000.00	\$971.59
1776	12-Oct-12	16	4	\$27.48	Yes	\$1,000.00	\$972.52
1777	12-Oct-12	16	5	\$27.48	Yes	\$1,000.00	\$972.52
1778	12-Oct-12	16	6	\$27.44	Yes	\$1,000.00	\$972.56
1779	12-Oct-12	16	7	\$28.42	Yes	\$1,000.00	\$971.58
1780	12-Oct-12	16	8	\$32.23	Yes	\$1,000.00	\$967.77
1781	12-Oct-12	16	9	\$31.96	Yes	\$1,000.00	\$968.04
1782	12-Oct-12	16	10	\$31.95	Yes	\$1,000.00	\$968.05
1783	12-Oct-12	16	11	\$27.48	Yes	\$1,000.00	\$972.52
1784	12-Oct-12	16	12	\$27.48	Yes	\$1,000.00	\$972.52
1785	12-Oct-12	17	1	\$31.70	Yes	\$1,000.00	\$968.30
1786	12-Oct-12	17	2	\$28.58	Yes	\$1,000.00	\$971.42
1787	12-Oct-12	17	3	\$31.57	Yes	\$1,000.00	\$968.43
1788	12-Oct-12	17	4	\$33.08	Yes	\$1,000.00	\$966.92
1789	12-Oct-12	17	5	\$33.08	Yes	\$1,000.00	\$966.92
1790	12-Oct-12	17	6	\$32.93	Yes	\$1,000.00	\$967.07
1791	12-Oct-12	17	7	\$32.26	Yes	\$1,000.00	\$967.74
1792	12-Oct-12	17	8	\$31.51	Yes	\$1,000.00	\$968.49
1793	12-Oct-12	17	9	\$27.83	Yes	\$1,000.00	\$972.17
1794	12-Oct-12	17	10	\$28.60	Yes	\$1,000.00	\$971.40
1795	12-Oct-12	17	11	\$31.48	Yes	\$1,000.00	\$968.52
1796	12-Oct-12	17	12	\$28.60	Yes	\$1,000.00	\$971.40
1797	12-Oct-12	18	1	\$26.88	Yes	\$1,000.00	\$973.12

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1798	12-Oct-12	18	2	\$26.88	Yes	\$1,000.00	\$973.12
1799	12-Oct-12	18	3	\$26.88	Yes	\$1,000.00	\$973.12
1800	12-Oct-12	18	4	\$32.93	Yes	\$1,000.00	\$967.07
1801	12-Oct-12	18	5	\$33.92	Yes	\$1,000.00	\$966.08
1802	12-Oct-12	18	6	\$33.92	Yes	\$1,000.00	\$966.08
1803	12-Oct-12	18	7	\$34.17	Yes	\$1,000.00	\$965.83
1804	12-Oct-12	18	8	\$33.40	Yes	\$1,000.00	\$966.60
1805	12-Oct-12	18	9	\$32.90	Yes	\$1,000.00	\$967.10
1806	12-Oct-12	18	10	\$32.45	Yes	\$1,000.00	\$967.55
1807	12-Oct-12	18	11	\$32.45	Yes	\$1,000.00	\$967.55
1808	12-Oct-12	18	12	\$33.39	Yes	\$1,000.00	\$966.61
1809	12-Oct-12	19	1	\$26.83	Yes	\$1,000.00	\$973.17
1810	12-Oct-12	19	2	\$24.16	Yes	\$1,000.00	\$975.84
1811	12-Oct-12	19	3	\$25.23	Yes	\$1,000.00	\$974.77
1812	12-Oct-12	19	4	\$27.50	Yes	\$1,000.00	\$972.50
1813	12-Oct-12	19	5	\$28.16	Yes	\$1,000.00	\$971.84
1814	12-Oct-12	19	6	\$28.40	Yes	\$1,000.00	\$971.60
1815	12-Oct-12	19	7	\$33.83	Yes	\$1,000.00	\$966.17
1816	12-Oct-12	19	8	\$37.67	Yes	\$1,000.00	\$962.33
1817	12-Oct-12	19	9	\$44.07	Yes	\$1,000.00	\$955.93
1818	12-Oct-12	19	10	\$38.71	Yes	\$1,000.00	\$961.29
1819	12-Oct-12	19	11	\$1,000.00	Yes	\$1,000.00	\$0.00
1820	12-Oct-12	19	12	\$1,000.00	Yes	\$1,000.00	\$0.00
1821	12-Oct-12	20	1	\$44.13	Yes	\$1,000.00	\$955.87
1822	12-Oct-12	20	2	\$44.13	Yes	\$1,000.00	\$955.87
1823	12-Oct-12	20	3	\$37.46	Yes	\$1,000.00	\$962.54
1824	12-Oct-12	20	4	\$37.27	Yes	\$1,000.00	\$962.73
1825	12-Oct-12	20	5	\$36.50	Yes	\$1,000.00	\$963.50
1826	12-Oct-12	20	6	\$34.50	Yes	\$1,000.00	\$965.50
1827	12-Oct-12	20	7	\$36.98	Yes	\$1,000.00	\$963.02
1828	12-Oct-12	20	8	\$37.84	Yes	\$1,000.00	\$962.16
1829	12-Oct-12	20	9	\$37.84	Yes	\$1,000.00	\$962.16
1830	12-Oct-12	20	10	\$37.76	Yes	\$1,000.00	\$962.24
1831	12-Oct-12	20	11	\$37.21	Yes	\$1,000.00	\$962.79
1832	12-Oct-12	20	12	\$34.50	Yes	\$1,000.00	\$965.50
1833	12-Oct-12	21	1	\$40.97	Yes	\$1,000.00	\$959.03
1834	12-Oct-12	21	2	\$39.62	Yes	\$1,000.00	\$960.38
1835	12-Oct-12	21	3	\$40.60	Yes	\$1,000.00	\$959.40
1836	12-Oct-12	21	4	\$38.85	Yes	\$1,000.00	\$961.15
1837	12-Oct-12	21	5	\$38.42	Yes	\$1,000.00	\$961.58
1838	12-Oct-12	21	6	\$38.40	Yes	\$1,000.00	\$961.60
1839	12-Oct-12	21	7	\$36.96	Yes	\$1,000.00	\$963.04
1840	12-Oct-12	21	8	\$36.17	Yes	\$1,000.00	\$963.83
1841	12-Oct-12	21	9	\$35.76	Yes	\$1,000.00	\$964.24
1842	12-Oct-12	21	10	\$36.49	Yes	\$1,000.00	\$963.51

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1843	12-Oct-12	21	11	\$36.57	Yes	\$1,000.00	\$963.43
1844	12-Oct-12	21	12	\$36.96	Yes	\$1,000.00	\$963.04
1845	12-Oct-12	22	1	\$40.96	Yes	\$1,000.00	\$959.04
1846	12-Oct-12	22	2	\$38.84	Yes	\$1,000.00	\$961.16
1847	12-Oct-12	22	3	\$39.89	Yes	\$1,000.00	\$960.11
1848	12-Oct-12	22	4	\$37.32	Yes	\$1,000.00	\$962.68
1849	12-Oct-12	22	5	\$36.86	Yes	\$1,000.00	\$963.14
1850	12-Oct-12	22	6	\$35.98	Yes	\$1,000.00	\$964.02
1851	12-Oct-12	22	7	\$35.58	Yes	\$1,000.00	\$964.42
1852	12-Oct-12	22	8	\$34.71	Yes	\$1,000.00	\$965.29
1853	12-Oct-12	22	9	\$34.71	Yes	\$1,000.00	\$965.29
1854	12-Oct-12	22	10	\$34.38	Yes	\$1,000.00	\$965.62
1855	12-Oct-12	22	11	\$34.38	Yes	\$1,000.00	\$965.62
1856	12-Oct-12	22	12	\$28.26	Yes	\$1,000.00	\$971.74
1857	12-Oct-12	23	1	\$35.89	Yes	\$1,000.00	\$964.11
1858	12-Oct-12	23	2	\$36.16	Yes	\$1,000.00	\$963.84
1859	12-Oct-12	23	3	\$36.52	Yes	\$1,000.00	\$963.48
1860	12-Oct-12	23	4	\$35.45	Yes	\$1,000.00	\$964.55
1861	12-Oct-12	23	5	\$35.45	Yes	\$1,000.00	\$964.55
1862	12-Oct-12	23	6	\$34.69	Yes	\$1,000.00	\$965.31
1863	12-Oct-12	23	7	\$33.10	Yes	\$1,000.00	\$966.90
1864	12-Oct-12	23	8	\$32.46	Yes	\$1,000.00	\$967.54
1865	12-Oct-12	23	9	\$31.88	Yes	\$1,000.00	\$968.12
1866	12-Oct-12	23	10	\$31.90	Yes	\$1,000.00	\$968.10
1867	12-Oct-12	23	11	\$31.95	Yes	\$1,000.00	\$968.05
1868	12-Oct-12	23	12	\$37.25	Yes	\$1,000.00	\$962.75
1869	12-Oct-12	24	1	\$41.50	Yes	\$1,000.00	\$958.50
1870	12-Oct-12	24	2	\$36.67	Yes	\$1,000.00	\$963.33
1871	12-Oct-12	24	3	\$36.67	Yes	\$1,000.00	\$963.33
1872	12-Oct-12	24	4	\$35.88	Yes	\$1,000.00	\$964.12
1873	12-Oct-12	24	5	\$34.19	Yes	\$1,000.00	\$965.81
1874	12-Oct-12	24	6	\$34.06	Yes	\$1,000.00	\$965.94
1875	12-Oct-12	24	7	\$33.62	Yes	\$1,000.00	\$966.38
1876	12-Oct-12	24	8	\$31.75	Yes	\$1,000.00	\$968.25
1877	12-Oct-12	24	9	\$31.83	Yes	\$1,000.00	\$968.17
1878	12-Oct-12	24	10	\$20.14	Yes	\$1,000.00	\$979.86
1879	12-Oct-12	24	11	\$25.54	Yes	\$1,000.00	\$974.46
1880	12-Oct-12	24	12	\$25.54	Yes	\$1,000.00	\$974.46
1881	17-Oct-12	7	11	\$27.15	Yes	\$1,000.00	\$972.85
1882	17-Oct-12	7	12	\$28.37	Yes	\$1,000.00	\$971.63
1883	17-Oct-12	8	1	\$26.34	Yes	\$1,000.00	\$973.66
1884	17-Oct-12	8	2	\$26.88	Yes	\$1,000.00	\$973.12
1885	17-Oct-12	8	3	\$26.42	Yes	\$1,000.00	\$973.58
1886	17-Oct-12	8	4	\$25.31	Yes	\$1,000.00	\$974.69
1887	17-Oct-12	8	5	\$25.31	Yes	\$1,000.00	\$974.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1888	17-Oct-12	8	6	\$25.31	Yes	\$1,000.00	\$974.69
1889	17-Oct-12	8	7	\$25.86	Yes	\$1,000.00	\$974.14
1890	17-Oct-12	8	8	\$25.63	Yes	\$1,000.00	\$974.37
1891	17-Oct-12	8	9	(\$34.94)	Yes	\$1,000.00	\$1,034.94
1892	17-Oct-12	8	10	(\$35.00)	Yes	\$1,000.00	\$1,035.00
1893	17-Oct-12	8	11	\$18.42	Yes	\$1,000.00	\$981.58
1894	17-Oct-12	8	12	\$26.78	Yes	\$1,000.00	\$973.22
1895	17-Oct-12	9	1	\$26.31	Yes	\$1,000.00	\$973.69
1896	17-Oct-12	9	2	\$26.71	Yes	\$1,000.00	\$973.29
1897	17-Oct-12	9	3	\$27.16	Yes	\$1,000.00	\$972.84
1898	17-Oct-12	9	4	\$27.52	Yes	\$1,000.00	\$972.48
1899	17-Oct-12	9	5	\$27.94	Yes	\$1,000.00	\$972.06
1900	17-Oct-12	9	6	\$27.82	Yes	\$1,000.00	\$972.18
1901	17-Oct-12	9	7	\$28.10	Yes	\$1,000.00	\$971.90
1902	17-Oct-12	9	8	\$29.15	Yes	\$1,000.00	\$970.85
1903	17-Oct-12	9	9	\$33.68	Yes	\$1,000.00	\$966.32
1904	17-Oct-12	9	10	\$41.19	Yes	\$1,000.00	\$958.81
1905	17-Oct-12	9	11	\$39.74	Yes	\$1,000.00	\$960.26
1906	17-Oct-12	9	12	\$39.47	Yes	\$1,000.00	\$960.53
1907	17-Oct-12	10	1	\$34.56	Yes	\$1,000.00	\$965.44
1908	17-Oct-12	10	2	\$32.75	Yes	\$1,000.00	\$967.25
1909	17-Oct-12	10	3	\$29.74	Yes	\$1,000.00	\$970.26
1910	17-Oct-12	10	4	\$29.74	Yes	\$1,000.00	\$970.26
1911	17-Oct-12	10	5	\$33.54	Yes	\$1,000.00	\$966.46
1912	17-Oct-12	10	6	\$34.57	Yes	\$1,000.00	\$965.43
1913	17-Oct-12	10	7	\$34.10	Yes	\$1,000.00	\$965.90
1914	17-Oct-12	10	8	\$34.10	Yes	\$1,000.00	\$965.90
1915	17-Oct-12	10	9	\$34.83	Yes	\$1,000.00	\$965.17
1916	17-Oct-12	10	10	\$39.63	Yes	\$1,000.00	\$960.37
1917	17-Oct-12	10	11	\$34.03	Yes	\$1,000.00	\$965.97
1918	17-Oct-12	10	12	\$32.70	Yes	\$1,000.00	\$967.30
1919	17-Oct-12	11	1	\$27.44	Yes	\$1,000.00	\$972.56
1920	17-Oct-12	11	2	\$26.68	Yes	\$1,000.00	\$973.32
1921	17-Oct-12	11	3	\$26.89	Yes	\$1,000.00	\$973.11
1922	17-Oct-12	11	4	\$26.98	Yes	\$1,000.00	\$973.02
1923	17-Oct-12	11	5	\$26.95	Yes	\$1,000.00	\$973.05
1924	17-Oct-12	11	6	\$26.82	Yes	\$1,000.00	\$973.18
1925	17-Oct-12	11	7	\$28.28	Yes	\$1,000.00	\$971.72
1926	17-Oct-12	11	8	\$27.93	Yes	\$1,000.00	\$972.07
1927	17-Oct-12	11	9	\$27.94	Yes	\$1,000.00	\$972.06
1928	17-Oct-12	11	10	\$29.85	Yes	\$1,000.00	\$970.15
1929	17-Oct-12	11	11	\$28.32	Yes	\$1,000.00	\$971.68
1930	17-Oct-12	11	12	\$28.64	Yes	\$1,000.00	\$971.36
1931	17-Oct-12	12	1	\$26.72	Yes	\$1,000.00	\$973.28
1932	17-Oct-12	12	2	\$27.01	Yes	\$1,000.00	\$972.99



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1933	17-Oct-12	12	3	\$27.05	Yes	\$1,000.00	\$972.95
1934	17-Oct-12	12	4	\$28.97	Yes	\$1,000.00	\$971.03
1935	17-Oct-12	12	5	\$28.17	Yes	\$1,000.00	\$971.83
1936	17-Oct-12	12	6	\$26.74	Yes	\$1,000.00	\$973.26
1937	17-Oct-12	12	7	\$0.00	Yes	\$1,000.00	\$1,000.00
1938	17-Oct-12	12	8	\$30.41	Yes	\$1,000.00	\$969.59
1939	17-Oct-12	12	9	\$31.00	Yes	\$1,000.00	\$969.00
1940	17-Oct-12	12	10	\$35.66	Yes	\$1,000.00	\$964.34
1941	17-Oct-12	12	11	\$35.41	Yes	\$1,000.00	\$964.59
1942	17-Oct-12	12	12	\$35.16	Yes	\$1,000.00	\$964.84
1943	17-Oct-12	13	1	\$25.53	Yes	(\$30.00)	(\$55.53)
1944	17-Oct-12	13	2	\$26.60	Yes	(\$30.00)	(\$56.60)
1945	17-Oct-12	13	3	\$27.25	Yes	(\$30.00)	(\$57.25)
1946	17-Oct-12	13	4	\$24.53	Yes	(\$30.00)	(\$54.53)
1947	17-Oct-12	13	5	\$26.31	Yes	(\$30.00)	(\$56.31)
1948	17-Oct-12	13	6	\$30.25	Yes	(\$30.00)	(\$60.25)
1949	17-Oct-12	13	7	\$30.38	Yes	(\$30.00)	(\$60.38)
1950	17-Oct-12	13	8	\$31.39	Yes	(\$30.00)	(\$61.39)
1951	17-Oct-12	13	9	(\$30.00)	Yes	(\$30.00)	\$0.00
1952	17-Oct-12	13	10	\$37.95	Yes	(\$30.00)	(\$67.95)
1953	17-Oct-12	13	11	\$38.06	Yes	(\$30.00)	(\$68.06)
1954	17-Oct-12	13	12	\$36.63	Yes	(\$30.00)	(\$66.63)
1955	17-Oct-12	14	1	\$30.26	Yes	(\$30.00)	(\$60.26)
1956	17-Oct-12	14	2	\$27.85	Yes	(\$30.00)	(\$57.85)
1957	17-Oct-12	14	3	\$28.44	Yes	(\$30.00)	(\$58.44)
1958	17-Oct-12	14	4	\$28.57	Yes	(\$30.00)	(\$58.57)
1959	17-Oct-12	14	5	\$30.17	Yes	(\$30.00)	(\$60.17)
1960	17-Oct-12	14	6	\$31.89	Yes	(\$30.00)	(\$61.89)
1961	17-Oct-12	14	7	\$34.42	Yes	(\$30.00)	(\$64.42)
1962	17-Oct-12	14	8	\$38.44	Yes	(\$30.00)	(\$68.44)
1963	17-Oct-12	14	9	\$35.39	Yes	(\$30.00)	(\$65.39)
1964	17-Oct-12	14	10	\$37.42	Yes	(\$30.00)	(\$67.42)
1965	17-Oct-12	14	11	\$36.30	Yes	(\$30.00)	(\$66.30)
1966	17-Oct-12	14	12	\$37.84	Yes	(\$30.00)	(\$67.84)
1967	17-Oct-12	15	1	\$32.04	Yes	(\$30.00)	(\$62.04)
1968	17-Oct-12	15	2	\$30.50	Yes	(\$30.00)	(\$60.50)
1969	17-Oct-12	15	3	\$30.81	Yes	(\$30.00)	(\$60.81)
1970	17-Oct-12	15	4	\$31.92	Yes	(\$30.00)	(\$61.92)
1971	17-Oct-12	15	5	\$32.49	Yes	(\$30.00)	(\$62.49)
1972	17-Oct-12	15	6	\$40.52	Yes	(\$30.00)	(\$70.52)
1973	17-Oct-12	15	7	\$33.50	Yes	(\$30.00)	(\$63.50)
1974	17-Oct-12	15	8	\$39.14	Yes	(\$30.00)	(\$69.14)
1975	17-Oct-12	15	9	\$39.85	Yes	(\$30.00)	(\$69.85)
1976	17-Oct-12	15	10	\$41.56	Yes	(\$30.00)	(\$71.56)
1977	17-Oct-12	15	11	\$43.49	Yes	(\$30.00)	(\$73.49)

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1978	17-Oct-12	15	12	\$41.24	Yes	(\$30.00)	(\$71.24)
1979	17-Oct-12	16	1	\$41.14	Yes	(\$30.00)	(\$71.14)
1980	17-Oct-12	16	2	\$39.47	Yes	(\$30.00)	(\$69.47)
1981	17-Oct-12	16	3	\$39.98	Yes	(\$30.00)	(\$69.98)
1982	17-Oct-12	16	4	\$40.13	Yes	(\$30.00)	(\$70.13)
1983	17-Oct-12	16	5	\$40.43	Yes	(\$30.00)	(\$70.43)
1984	17-Oct-12	16	6	\$40.66	Yes	(\$30.00)	(\$70.66)
1985	17-Oct-12	16	7	\$43.04	Yes	(\$30.00)	(\$73.04)
1986	17-Oct-12	16	8	\$42.39	Yes	(\$30.00)	(\$72.39)
1987	17-Oct-12	16	9	\$42.44	Yes	(\$30.00)	(\$72.44)
1988	17-Oct-12	16	10	\$45.37	Yes	(\$30.00)	(\$75.37)
1989	17-Oct-12	16	11	\$44.91	Yes	(\$30.00)	(\$74.91)
1990	17-Oct-12	16	12	\$45.50	Yes	(\$30.00)	(\$75.50)
1991	17-Oct-12	17	1	\$37.61	Yes	(\$30.00)	(\$67.61)
1992	17-Oct-12	17	2	\$41.18	Yes	(\$30.00)	(\$71.18)
1993	17-Oct-12	17	3	\$42.25	Yes	(\$30.00)	(\$72.25)
1994	17-Oct-12	17	4	\$41.06	Yes	(\$30.00)	(\$71.06)
1995	17-Oct-12	17	5	\$42.88	Yes	(\$30.00)	(\$72.88)
1996	17-Oct-12	17	6	\$41.59	Yes	(\$30.00)	(\$71.59)
1997	17-Oct-12	17	7	\$38.83	Yes	(\$30.00)	(\$68.83)
1998	17-Oct-12	17	8	\$42.67	Yes	(\$30.00)	(\$72.67)
1999	17-Oct-12	17	9	\$41.52	Yes	(\$30.00)	(\$71.52)
2000	17-Oct-12	17	10	\$39.67	Yes	(\$30.00)	(\$69.67)
2001	17-Oct-12	17	11	\$39.37	Yes	(\$30.00)	(\$69.37)
2002	17-Oct-12	17	12	\$38.83	Yes	(\$30.00)	(\$68.83)
2003	17-Oct-12	18	1	\$38.67	Yes	\$1,000.00	\$961.33
2004	17-Oct-12	18	2	\$41.30	Yes	\$1,000.00	\$958.70
2005	17-Oct-12	18	3	\$44.52	Yes	\$1,000.00	\$955.48
2006	17-Oct-12	18	4	\$39.93	Yes	\$1,000.00	\$960.07
2007	17-Oct-12	18	5	\$39.12	Yes	\$1,000.00	\$960.88
2008	17-Oct-12	18	6	\$40.61	Yes	\$1,000.00	\$959.39
2009	17-Oct-12	18	7	\$40.50	Yes	\$1,000.00	\$959.50
2010	17-Oct-12	18	8	\$41.25	Yes	\$1,000.00	\$958.75
2011	17-Oct-12	18	9	\$39.12	Yes	\$1,000.00	\$960.88
2012	17-Oct-12	18	10	\$18.93	Yes	\$1,000.00	\$981.07
2013	17-Oct-12	18	11	\$41.36	Yes	\$1,000.00	\$958.64
2014	17-Oct-12	18	12	\$41.24	Yes	\$1,000.00	\$958.76
2015	17-Oct-12	19	1	\$41.05	Yes	\$1,000.00	\$958.95
2016	17-Oct-12	19	2	\$37.98	Yes	\$1,000.00	\$962.02
2017	17-Oct-12	19	3	\$38.00	Yes	\$1,000.00	\$962.00
2018	17-Oct-12	19	4	\$38.93	Yes	\$1,000.00	\$961.07
2019	17-Oct-12	19	5	\$38.90	Yes	\$1,000.00	\$961.10
2020	17-Oct-12	19	6	\$38.90	Yes	\$1,000.00	\$961.10
2021	17-Oct-12	19	7	\$48.91	Yes	\$1,000.00	\$951.09
2022	17-Oct-12	19	8	\$49.33	Yes	\$1,000.00	\$950.67

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2023	17-Oct-12	19	9	\$73.76	Yes	\$1,000.00	\$926.24
2024	17-Oct-12	19	10	\$48.45	Yes	\$1,000.00	\$951.55
2025	17-Oct-12	19	11	\$50.14	Yes	\$1,000.00	\$949.86
2026	17-Oct-12	19	12	\$50.63	Yes	\$1,000.00	\$949.37
2027	17-Oct-12	20	1	\$43.84	Yes	\$1,000.00	\$956.16
2028	17-Oct-12	20	2	\$40.79	Yes	\$1,000.00	\$959.21
2029	17-Oct-12	20	3	\$41.34	Yes	\$1,000.00	\$958.66
2030	17-Oct-12	20	4	\$41.29	Yes	\$1,000.00	\$958.71
2031	17-Oct-12	20	5	\$40.21	Yes	\$1,000.00	\$959.79
2032	17-Oct-12	20	6	\$38.63	Yes	\$1,000.00	\$961.37
2033	17-Oct-12	20	7	\$68.20	Yes	\$1,000.00	\$931.80
2034	17-Oct-12	20	8	\$69.31	Yes	\$1,000.00	\$930.69
2035	17-Oct-12	20	9	\$68.77	Yes	\$1,000.00	\$931.23
2036	17-Oct-12	20	10	\$30.54	Yes	\$1,000.00	\$969.46
2037	17-Oct-12	20	11	\$31.32	Yes	\$1,000.00	\$968.68
2038	17-Oct-12	20	12	\$25.34	Yes	\$1,000.00	\$974.66
2039	17-Oct-12	21	1	\$34.43	Yes	\$1,000.00	\$965.57
2040	17-Oct-12	21	2	\$39.13	Yes	\$1,000.00	\$960.87
2041	17-Oct-12	21	3	\$45.70	Yes	\$1,000.00	\$954.30
2042	17-Oct-12	21	4	\$42.08	Yes	\$1,000.00	\$957.92
2043	17-Oct-12	21	5	\$42.58	Yes	\$1,000.00	\$957.42
2044	17-Oct-12	21	6	\$43.58	Yes	\$1,000.00	\$956.42
2045	17-Oct-12	21	7	\$41.10	Yes	\$1,000.00	\$958.90
2046	17-Oct-12	21	8	\$38.31	Yes	\$1,000.00	\$961.69
2047	17-Oct-12	21	9	\$37.23	Yes	\$1,000.00	\$962.77
2048	17-Oct-12	21	10	\$35.86	Yes	\$1,000.00	\$964.14
2049	17-Oct-12	21	11	\$31.77	Yes	\$1,000.00	\$968.23
2050	17-Oct-12	21	12	\$30.67	Yes	\$1,000.00	\$969.33
2051	17-Oct-12	22	1	\$40.15	Yes	\$1,000.00	\$959.85
2052	17-Oct-12	22	2	\$38.41	Yes	\$1,000.00	\$961.59
2053	17-Oct-12	22	3	\$41.73	Yes	\$1,000.00	\$958.27
2054	17-Oct-12	22	4	\$37.16	Yes	\$1,000.00	\$962.84
2055	17-Oct-12	22	5	\$37.16	Yes	\$1,000.00	\$962.84
2056	17-Oct-12	22	6	\$37.16	Yes	\$1,000.00	\$962.84
2057	17-Oct-12	22	7	\$35.85	Yes	\$1,000.00	\$964.15
2058	17-Oct-12	22	8	\$30.30	Yes	\$1,000.00	\$969.70
2059	17-Oct-12	22	9	\$30.30	Yes	\$1,000.00	\$969.70
2060	17-Oct-12	22	10	(\$30.18)	Yes	\$1,000.00	\$1,030.18
2061	17-Oct-12	22	11	\$29.70	Yes	\$1,000.00	\$970.30
2062	17-Oct-12	22	12	\$29.70	Yes	\$1,000.00	\$970.30
2063	19-Oct-12	9	12	\$27.27	Yes	\$1,000.00	\$972.73
2064	19-Oct-12	10	1	\$26.48	Yes	\$1,000.00	\$973.52
2065	19-Oct-12	10	2	\$26.68	Yes	\$1,000.00	\$973.32
2066	19-Oct-12	10	3	\$26.68	Yes	\$1,000.00	\$973.32
2067	19-Oct-12	10	4	\$26.64	Yes	\$1,000.00	\$973.36

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2068	19-Oct-12	10	5	\$26.50	Yes	\$1,000.00	\$973.50
2069	19-Oct-12	10	6	\$26.73	Yes	\$1,000.00	\$973.27
2070	19-Oct-12	10	7	\$49.78	Yes	\$1,000.00	\$950.22
2071	19-Oct-12	10	8	\$27.65	Yes	\$1,000.00	\$972.35
2072	19-Oct-12	10	9	\$27.95	Yes	\$1,000.00	\$972.05
2073	19-Oct-12	10	10	\$27.47	Yes	\$1,000.00	\$972.53
2074	19-Oct-12	10	11	\$28.53	Yes	\$1,000.00	\$971.47
2075	19-Oct-12	10	12	\$27.76	Yes	\$1,000.00	\$972.24
2076	19-Oct-12	11	1	\$27.59	Yes	\$1,000.00	\$972.41
2077	19-Oct-12	11	2	\$27.59	Yes	\$1,000.00	\$972.41
2078	19-Oct-12	11	3	\$27.44	Yes	\$1,000.00	\$972.56
2079	19-Oct-12	11	4	\$26.87	Yes	\$1,000.00	\$973.13
2080	19-Oct-12	11	5	\$27.51	Yes	\$1,000.00	\$972.49
2081	19-Oct-12	11	6	\$28.48	Yes	\$1,000.00	\$971.52
2082	19-Oct-12	11	7	\$150.25	Yes	\$1,000.00	\$849.75
2083	19-Oct-12	11	8	\$156.31	Yes	\$1,000.00	\$843.69
2084	19-Oct-12	11	9	\$29.39	Yes	\$1,000.00	\$970.61
2085	19-Oct-12	11	10	(\$30.35)	Yes	\$1,000.00	\$1,030.35
2086	19-Oct-12	11	11	\$26.74	Yes	\$1,000.00	\$973.26
2087	19-Oct-12	11	12	\$27.47	Yes	\$1,000.00	\$972.53
2088	19-Oct-12	12	1	\$29.98	Yes	\$1,000.00	\$970.02
2089	19-Oct-12	12	2	\$30.52	Yes	\$1,000.00	\$969.48
2090	19-Oct-12	12	3	(\$30.36)	Yes	\$1,000.00	\$1,030.36
2091	19-Oct-12	12	4	(\$30.39)	Yes	\$1,000.00	\$1,030.39
2092	19-Oct-12	12	5	\$32.37	Yes	\$1,000.00	\$967.63
2093	19-Oct-12	12	6	\$33.90	Yes	\$1,000.00	\$966.10
2094	19-Oct-12	12	7	\$33.49	Yes	\$1,000.00	\$966.51
2095	19-Oct-12	12	8	\$30.36	Yes	\$1,000.00	\$969.64
2096	19-Oct-12	12	9	\$36.70	Yes	\$1,000.00	\$963.30
2097	19-Oct-12	12	10	(\$30.38)	Yes	\$1,000.00	\$1,030.38
2098	19-Oct-12	12	11	\$35.94	Yes	\$1,000.00	\$964.06
2099	19-Oct-12	12	12	\$37.61	Yes	\$1,000.00	\$962.39
2100	19-Oct-12	13	1	\$34.77	Yes	\$1,000.00	\$965.23
2101	19-Oct-12	13	2	\$33.31	Yes	\$1,000.00	\$966.69
2102	19-Oct-12	13	3	\$36.16	Yes	\$1,000.00	\$963.84
2103	19-Oct-12	13	4	\$28.40	Yes	\$1,000.00	\$971.60
2104	19-Oct-12	13	5	\$32.16	Yes	\$1,000.00	\$967.84
2105	19-Oct-12	13	6	\$34.34	Yes	\$1,000.00	\$965.66
2106	19-Oct-12	13	7	\$56.06	Yes	\$1,000.00	\$943.94
2107	19-Oct-12	13	8	(\$30.37)	Yes	\$1,000.00	\$1,030.37
2108	19-Oct-12	13	9	(\$0.88)	Yes	\$1,000.00	\$1,000.88
2109	19-Oct-12	13	10	\$35.91	Yes	\$1,000.00	\$964.09
2110	19-Oct-12	13	11	\$36.37	Yes	\$1,000.00	\$963.63
2111	19-Oct-12	13	12	\$38.05	Yes	\$1,000.00	\$961.95
2112	19-Oct-12	14	1	\$32.42	Yes	\$1,000.00	\$967.58

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2113	19-Oct-12	14	2	\$31.96	Yes	\$1,000.00	\$968.04
2114	19-Oct-12	14	3	\$32.10	Yes	\$1,000.00	\$967.90
2115	19-Oct-12	14	4	\$31.66	Yes	\$1,000.00	\$968.34
2116	19-Oct-12	14	5	\$32.50	Yes	\$1,000.00	\$967.50
2117	19-Oct-12	14	6	\$33.38	Yes	\$1,000.00	\$966.62
2118	19-Oct-12	14	7	(\$35.19)	Yes	\$1,000.00	\$1,035.19
2119	19-Oct-12	14	8	\$30.30	Yes	\$1,000.00	\$969.70
2120	19-Oct-12	14	9	\$31.18	Yes	\$1,000.00	\$968.82
2121	19-Oct-12	14	10	\$26.51	Yes	\$1,000.00	\$973.49
2122	19-Oct-12	14	11	\$27.65	Yes	\$1,000.00	\$972.35
2123	19-Oct-12	14	12	\$28.22	Yes	\$1,000.00	\$971.78
2124	19-Oct-12	15	1	(\$30.36)	Yes	\$1,000.00	\$1,030.36
2125	19-Oct-12	15	2	(\$30.36)	Yes	\$1,000.00	\$1,030.36
2126	19-Oct-12	15	3	(\$34.82)	Yes	\$1,000.00	\$1,034.82
2127	19-Oct-12	15	4	\$26.50	Yes	\$1,000.00	\$973.50
2128	19-Oct-12	15	5	\$27.04	Yes	\$1,000.00	\$972.96
2129	19-Oct-12	15	6	\$27.04	Yes	\$1,000.00	\$972.96
2130	19-Oct-12	15	7	\$27.72	Yes	\$1,000.00	\$972.28
2131	19-Oct-12	15	8	\$31.54	Yes	\$1,000.00	\$968.46
2132	19-Oct-12	15	9	\$31.60	Yes	\$1,000.00	\$968.40
2133	19-Oct-12	15	10	\$28.14	Yes	\$1,000.00	\$971.86
2134	19-Oct-12	15	11	\$30.40	Yes	\$1,000.00	\$969.60
2135	19-Oct-12	15	12	\$33.64	Yes	\$1,000.00	\$966.36
2136	19-Oct-12	16	1	\$34.81	Yes	\$1,000.00	\$965.19
2137	19-Oct-12	16	2	\$34.97	Yes	\$1,000.00	\$965.03
2138	19-Oct-12	16	3	\$35.83	Yes	\$1,000.00	\$964.17
2139	19-Oct-12	16	4	\$34.76	Yes	\$1,000.00	\$965.24
2140	19-Oct-12	16	5	\$34.76	Yes	\$1,000.00	\$965.24
2141	19-Oct-12	16	6	\$34.93	Yes	\$1,000.00	\$965.07
2142	19-Oct-12	16	7	\$33.96	Yes	\$1,000.00	\$966.04
2143	19-Oct-12	16	8	\$33.96	Yes	\$1,000.00	\$966.04
2144	19-Oct-12	16	9	\$33.96	Yes	\$1,000.00	\$966.04
2145	19-Oct-12	16	10	\$34.26	Yes	\$1,000.00	\$965.74
2146	19-Oct-12	16	11	\$33.65	Yes	\$1,000.00	\$966.35
2147	19-Oct-12	16	12	\$30.88	Yes	\$1,000.00	\$969.12
2148	19-Oct-12	17	1	\$28.39	Yes	\$1,000.00	\$971.61
2149	19-Oct-12	17	2	\$27.16	Yes	\$1,000.00	\$972.84
2150	19-Oct-12	17	3	\$27.16	Yes	\$1,000.00	\$972.84
2151	19-Oct-12	17	4	\$26.69	Yes	\$1,000.00	\$973.31
2152	19-Oct-12	17	5	\$26.69	Yes	\$1,000.00	\$973.31
2153	19-Oct-12	17	6	\$26.63	Yes	\$1,000.00	\$973.37
2154	19-Oct-12	17	7	\$26.60	Yes	\$1,000.00	\$973.40
2155	19-Oct-12	17	8	\$26.60	Yes	\$1,000.00	\$973.40
2156	19-Oct-12	17	9	\$26.56	Yes	\$1,000.00	\$973.44
2157	19-Oct-12	17	10	\$26.48	Yes	\$1,000.00	\$973.52

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2158	19-Oct-12	17	11	\$26.41	Yes	\$1,000.00	\$973.59
2159	19-Oct-12	17	12	\$26.38	Yes	\$1,000.00	\$973.62
2160	19-Oct-12	18	1	\$26.69	Yes	\$1,000.00	\$973.31
2161	19-Oct-12	18	2	\$26.69	Yes	\$1,000.00	\$973.31
2162	19-Oct-12	18	3	\$26.37	Yes	\$1,000.00	\$973.63
2163	19-Oct-12	18	4	\$26.33	Yes	\$1,000.00	\$973.67
2164	19-Oct-12	18	5	\$26.35	Yes	\$1,000.00	\$973.65
2165	19-Oct-12	18	6	\$26.35	Yes	\$1,000.00	\$973.65
2166	19-Oct-12	18	7	\$26.31	Yes	\$1,000.00	\$973.69
2167	19-Oct-12	18	8	\$26.31	Yes	\$1,000.00	\$973.69
2168	19-Oct-12	18	9	\$26.31	Yes	\$1,000.00	\$973.69
2169	19-Oct-12	18	10	\$26.08	Yes	\$1,000.00	\$973.92
2170	19-Oct-12	18	11	\$25.88	Yes	\$1,000.00	\$974.12
2171	19-Oct-12	18	12	\$23.37	Yes	\$1,000.00	\$976.63
2172	19-Oct-12	19	1	\$23.42	Yes	\$1,000.00	\$976.58
2173	19-Oct-12	19	2	\$22.40	Yes	\$1,000.00	\$977.60
2174	19-Oct-12	19	3	\$24.82	Yes	\$1,000.00	\$975.18
2175	19-Oct-12	19	4	\$26.32	Yes	\$1,000.00	\$973.68
2176	19-Oct-12	19	5	\$26.38	Yes	\$1,000.00	\$973.62
2177	19-Oct-12	19	6	\$26.37	Yes	\$1,000.00	\$973.63
2178	19-Oct-12	19	7	\$26.49	Yes	\$1,000.00	\$973.51
2179	19-Oct-12	19	8	\$26.76	Yes	\$1,000.00	\$973.24
2180	19-Oct-12	19	9	\$26.76	Yes	\$1,000.00	\$973.24
2181	19-Oct-12	19	10	\$27.08	Yes	\$1,000.00	\$972.92
2182	19-Oct-12	19	11	\$27.00	Yes	\$1,000.00	\$973.00
2183	19-Oct-12	19	12	\$26.64	Yes	\$1,000.00	\$973.37
2184	19-Oct-12	20	1	\$27.36	Yes	\$1,000.00	\$972.64
2185	19-Oct-12	20	2	\$26.71	Yes	\$1,000.00	\$973.29
2186	19-Oct-12	20	3	\$26.58	Yes	\$1,000.00	\$973.42
2187	19-Oct-12	20	4	\$26.40	Yes	\$1,000.00	\$973.60
2188	19-Oct-12	20	5	\$26.04	Yes	\$1,000.00	\$973.96
2189	19-Oct-12	20	6	\$23.28	Yes	\$1,000.00	\$976.72
2190	19-Oct-12	20	7	\$21.67	Yes	\$1,000.00	\$978.33
2191	19-Oct-12	20	8	\$18.56	Yes	\$1,000.00	\$981.44
2192	19-Oct-12	20	9	\$17.62	Yes	\$1,000.00	\$982.38
2193	19-Oct-12	20	10	\$16.47	Yes	\$1,000.00	\$983.53
2194	19-Oct-12	20	11	\$14.21	Yes	\$1,000.00	\$985.79
2195	19-Oct-12	20	12	\$14.21	Yes	\$1,000.00	\$985.79
2196	19-Oct-12	21	1	\$16.41	Yes	\$1,000.00	\$983.59
2197	19-Oct-12	21	2	\$16.72	Yes	\$1,000.00	\$983.28
2198	19-Oct-12	21	3	\$18.30	Yes	\$1,000.00	\$981.70
2199	19-Oct-12	21	4	\$17.66	Yes	\$1,000.00	\$982.34
2200	19-Oct-12	21	5	\$16.89	Yes	\$1,000.00	\$983.11
2201	19-Oct-12	21	6	\$16.56	Yes	\$1,000.00	\$983.44
2202	19-Oct-12	21	7	\$15.23	Yes	\$1,000.00	\$984.77

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2203	19-Oct-12	21	8	\$14.26	Yes	\$1,000.00	\$985.74
2204	19-Oct-12	21	9	\$13.08	Yes	\$1,000.00	\$986.92
2205	19-Oct-12	21	10	\$12.58	Yes	\$1,000.00	\$987.42
2206	19-Oct-12	21	11	\$11.29	Yes	\$1,000.00	\$988.71
2207	19-Oct-12	21	12	\$10.87	Yes	\$1,000.00	\$989.13
2208	19-Oct-12	22	1	\$16.48	Yes	\$1,000.00	\$983.52
2209	19-Oct-12	22	2	\$17.03	Yes	\$1,000.00	\$982.97
2210	19-Oct-12	22	3	\$17.72	Yes	\$1,000.00	\$982.28
2211	19-Oct-12	22	4	\$17.72	Yes	\$1,000.00	\$982.28
2212	19-Oct-12	22	5	\$14.01	Yes	\$1,000.00	\$985.99
2213	19-Oct-12	22	6	\$14.01	Yes	\$1,000.00	\$985.99
2214	19-Oct-12	22	7	\$16.44	Yes	\$1,000.00	\$983.56
2215	19-Oct-12	22	8	\$12.55	Yes	\$1,000.00	\$987.45
2216	19-Oct-12	22	9	\$11.78	Yes	\$1,000.00	\$988.22
2217	19-Oct-12	22	10	\$10.75	Yes	\$1,000.00	\$989.25
2218	19-Oct-12	22	11	\$10.75	Yes	\$1,000.00	\$989.25
2219	19-Oct-12	22	12	\$6.20	Yes	\$1,000.00	\$993.80
2220	20-Oct-12	9	2	\$8.12	Yes	\$1,000.00	\$991.88
2221	20-Oct-12	9	3	\$2.10	Yes	\$1,000.00	\$997.90
2222	20-Oct-12	9	4	\$7.82	Yes	\$1,000.00	\$992.18
2223	20-Oct-12	9	5	\$12.24	Yes	\$1,000.00	\$987.76
2224	20-Oct-12	9	6	\$13.11	Yes	\$1,000.00	\$986.89
2225	20-Oct-12	9	7	\$13.68	Yes	\$1,000.00	\$986.32
2226	20-Oct-12	9	8	\$13.10	Yes	\$1,000.00	\$986.90
2227	20-Oct-12	9	9	\$15.08	Yes	\$1,000.00	\$984.92
2228	20-Oct-12	9	10	\$29.04	Yes	\$1,000.00	\$970.96
2229	20-Oct-12	9	11	\$17.13	Yes	\$1,000.00	\$982.87
2230	20-Oct-12	9	12	\$13.05	Yes	\$1,000.00	\$986.95
2231	20-Oct-12	10	1	\$2.95	Yes	\$1,000.00	\$997.05
2232	20-Oct-12	10	2	\$7.91	Yes	\$1,000.00	\$992.09
2233	20-Oct-12	10	3	\$9.06	Yes	\$1,000.00	\$990.94
2234	20-Oct-12	10	4	\$26.16	Yes	\$1,000.00	\$973.84
2235	20-Oct-12	10	5	\$26.06	Yes	\$1,000.00	\$973.94
2236	20-Oct-12	10	6	\$25.51	Yes	\$1,000.00	\$974.49
2237	20-Oct-12	10	7	\$35.93	Yes	\$1,000.00	\$964.07
2238	20-Oct-12	10	8	\$26.39	Yes	\$1,000.00	\$973.61
2239	20-Oct-12	10	9	\$19.00	Yes	\$1,000.00	\$981.00
2240	20-Oct-12	10	10	\$26.34	Yes	\$1,000.00	\$973.66
2241	20-Oct-12	10	11	\$26.50	Yes	\$1,000.00	\$973.50
2242	20-Oct-12	10	12	\$26.27	Yes	\$1,000.00	\$973.73
2243	20-Oct-12	11	1	\$18.21	Yes	\$1,000.00	\$981.79
2244	20-Oct-12	11	2	\$18.71	Yes	\$1,000.00	\$981.29
2245	20-Oct-12	11	3	\$22.15	Yes	\$1,000.00	\$977.85
2246	20-Oct-12	11	4	\$18.25	Yes	\$1,000.00	\$981.75
2247	20-Oct-12	11	5	\$17.22	Yes	\$1,000.00	\$982.78

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2248	20-Oct-12	11	6	\$17.22	Yes	\$1,000.00	\$982.78
2249	20-Oct-12	11	7	\$14.38	Yes	\$1,000.00	\$985.62
2250	20-Oct-12	11	8	\$15.23	Yes	\$1,000.00	\$984.77
2251	20-Oct-12	11	9	\$17.17	Yes	\$1,000.00	\$982.83
2252	20-Oct-12	11	10	\$17.95	Yes	\$1,000.00	\$982.05
2253	20-Oct-12	11	11	\$22.21	Yes	\$1,000.00	\$977.79
2254	20-Oct-12	11	12	\$23.05	Yes	\$1,000.00	\$976.95
2255	20-Oct-12	12	1	\$25.40	No	(\$30.00)	(\$55.40)
2256	20-Oct-12	12	2	\$25.46	No	(\$30.00)	(\$55.46)
2257	20-Oct-12	12	3	\$22.41	No	(\$30.00)	(\$52.41)
2258	20-Oct-12	12	4	\$23.45	No	(\$30.00)	(\$53.45)
2259	20-Oct-12	12	5	\$25.38	No	(\$30.00)	(\$55.38)
2260	20-Oct-12	12	6	\$22.73	No	(\$30.00)	(\$52.73)
2261	20-Oct-12	12	7	\$17.90	No	(\$30.00)	(\$47.90)
2262	20-Oct-12	12	8	\$18.30	No	(\$30.00)	(\$48.30)
2263	20-Oct-12	12	9	\$18.98	No	(\$30.00)	(\$48.98)
2264	20-Oct-12	12	10	\$22.94	No	(\$30.00)	(\$52.94)
2265	20-Oct-12	12	11	\$22.94	No	(\$30.00)	(\$52.94)
2266	20-Oct-12	12	12	\$22.84	No	(\$30.00)	(\$52.84)
2267	20-Oct-12	13	1	\$23.70	No	(\$30.00)	(\$53.70)
2268	20-Oct-12	13	2	\$18.53	No	(\$30.00)	(\$48.53)
2269	20-Oct-12	13	3	\$17.56	No	(\$30.00)	(\$47.56)
2270	20-Oct-12	13	4	\$22.42	No	(\$30.00)	(\$52.42)
2271	20-Oct-12	13	5	\$19.02	No	(\$30.00)	(\$49.02)
2272	20-Oct-12	13	6	\$18.44	No	(\$30.00)	(\$48.44)
2273	20-Oct-12	13	7	\$19.02	No	(\$30.00)	(\$49.02)
2274	20-Oct-12	13	8	\$22.20	No	(\$30.00)	(\$52.20)
2275	20-Oct-12	13	9	\$18.16	No	(\$30.00)	(\$48.16)
2276	20-Oct-12	13	10	\$16.33	No	(\$30.00)	(\$46.33)
2277	20-Oct-12	13	11	\$18.23	No	(\$30.00)	(\$48.23)
2278	20-Oct-12	13	12	\$18.23	No	(\$30.00)	(\$48.23)
2279	20-Oct-12	14	1	\$2.47	No	\$1,000.00	\$997.53
2280	20-Oct-12	14	2	\$11.44	No	\$1,000.00	\$988.56
2281	20-Oct-12	14	3	\$8.20	No	\$1,000.00	\$991.80
2282	20-Oct-12	14	4	\$9.42	No	\$1,000.00	\$990.58
2283	20-Oct-12	14	5	\$9.06	No	\$1,000.00	\$990.94
2284	20-Oct-12	14	6	\$8.35	No	\$1,000.00	\$991.65
2285	20-Oct-12	14	7	\$5.92	No	\$1,000.00	\$994.08
2286	20-Oct-12	14	8	\$10.18	No	\$1,000.00	\$989.82
2287	20-Oct-12	14	9	\$10.18	No	\$1,000.00	\$989.82
2288	20-Oct-12	14	10	\$13.06	No	\$1,000.00	\$986.94
2289	20-Oct-12	14	11	\$13.46	No	\$1,000.00	\$986.54
2290	20-Oct-12	14	12	\$13.98	No	\$1,000.00	\$986.02
2291	20-Oct-12	15	1	\$8.19	No	\$1,000.00	\$991.81
2292	20-Oct-12	15	2	\$9.92	No	\$1,000.00	\$990.08



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2293	20-Oct-12	15	3	\$9.92	No	\$1,000.00	\$990.08
2294	20-Oct-12	15	4	\$11.44	No	\$1,000.00	\$988.56
2295	20-Oct-12	15	5	\$9.37	No	\$1,000.00	\$990.63
2296	20-Oct-12	15	6	\$8.28	No	\$1,000.00	\$991.72
2297	20-Oct-12	15	7	\$8.28	No	\$1,000.00	\$991.72
2298	20-Oct-12	15	8	\$12.92	No	\$1,000.00	\$987.08
2299	20-Oct-12	15	9	\$12.92	No	\$1,000.00	\$987.08
2300	20-Oct-12	15	10	\$13.07	No	\$1,000.00	\$986.93
2301	20-Oct-12	15	11	\$8.98	No	\$1,000.00	\$991.02
2302	20-Oct-12	15	12	\$11.41	No	\$1,000.00	\$988.59
2303	20-Oct-12	16	1	\$9.98	Yes	\$1,000.00	\$990.02
2304	20-Oct-12	16	2	\$13.03	Yes	\$1,000.00	\$986.97
2305	20-Oct-12	16	3	\$13.68	Yes	\$1,000.00	\$986.32
2306	20-Oct-12	16	4	\$13.06	Yes	\$1,000.00	\$986.94
2307	20-Oct-12	16	5	\$13.06	Yes	\$1,000.00	\$986.94
2308	20-Oct-12	16	6	\$12.57	Yes	\$1,000.00	\$987.43
2309	20-Oct-12	16	7	\$11.91	Yes	\$1,000.00	\$988.09
2310	20-Oct-12	16	8	\$12.58	Yes	\$1,000.00	\$987.42
2311	20-Oct-12	16	9	\$11.51	Yes	\$1,000.00	\$988.49
2312	20-Oct-12	16	10	\$11.94	Yes	\$1,000.00	\$988.06
2313	20-Oct-12	16	11	\$11.94	Yes	\$1,000.00	\$988.06
2314	20-Oct-12	16	12	\$12.92	Yes	\$1,000.00	\$987.08
2315	20-Oct-12	17	1	\$12.56	No	\$1,000.00	\$987.44
2316	20-Oct-12	17	2	\$12.56	No	\$1,000.00	\$987.44
2317	20-Oct-12	17	3	\$12.90	No	\$1,000.00	\$987.10
2318	20-Oct-12	17	4	\$12.60	No	\$1,000.00	\$987.40
2319	20-Oct-12	17	5	\$12.60	No	\$1,000.00	\$987.40
2320	20-Oct-12	17	6	\$17.69	No	\$1,000.00	\$982.31
2321	20-Oct-12	17	7	\$14.26	No	\$1,000.00	\$985.74
2322	20-Oct-12	17	8	\$13.04	No	\$1,000.00	\$986.96
2323	20-Oct-12	17	9	\$13.39	No	\$1,000.00	\$986.61
2324	20-Oct-12	17	10	\$13.74	No	\$1,000.00	\$986.26
2325	20-Oct-12	17	11	\$13.04	No	\$1,000.00	\$986.96
2326	20-Oct-12	17	12	\$16.52	No	\$1,000.00	\$983.48
2327	20-Oct-12	18	1	\$12.45	No	\$1,000.00	\$987.55
2328	20-Oct-12	18	2	\$12.45	No	\$1,000.00	\$987.55
2329	20-Oct-12	18	3	\$11.70	No	\$1,000.00	\$988.30
2330	20-Oct-12	18	4	\$12.81	No	\$1,000.00	\$987.19
2331	20-Oct-12	18	5	\$12.91	No	\$1,000.00	\$987.09
2332	20-Oct-12	18	6	\$21.50	No	\$1,000.00	\$978.50
2333	20-Oct-12	18	7	\$18.13	No	\$1,000.00	\$981.87
2334	20-Oct-12	18	8	\$21.39	No	\$1,000.00	\$978.61
2335	20-Oct-12	18	9	\$26.31	No	\$1,000.00	\$973.69
2336	20-Oct-12	18	10	\$27.21	No	\$1,000.00	\$972.79
2337	20-Oct-12	18	11	\$27.10	No	\$1,000.00	\$972.90

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2338	20-Oct-12	18	12	\$27.21	No	\$1,000.00	\$972.79
2339	20-Oct-12	19	1	\$23.03	No	(\$30.00)	(\$53.03)
2340	20-Oct-12	19	2	\$23.03	No	(\$30.00)	(\$53.03)
2341	20-Oct-12	19	3	\$25.56	No	(\$30.00)	(\$55.56)
2342	20-Oct-12	19	4	\$27.00	No	(\$30.00)	(\$57.00)
2343	20-Oct-12	19	5	\$26.50	No	(\$30.00)	(\$56.50)
2344	20-Oct-12	19	6	\$26.33	No	(\$30.00)	(\$56.33)
2345	20-Oct-12	19	7	\$36.43	No	(\$30.00)	(\$66.43)
2346	20-Oct-12	19	8	\$28.39	No	(\$30.00)	(\$58.39)
2347	20-Oct-12	19	9	\$28.37	No	(\$30.00)	(\$58.37)
2348	20-Oct-12	19	10	\$28.33	No	(\$30.00)	(\$58.33)
2349	20-Oct-12	19	11	\$28.49	No	(\$30.00)	(\$58.49)
2350	20-Oct-12	19	12	\$28.15	No	(\$30.00)	(\$58.15)
2351	20-Oct-12	20	1	\$27.56	No	\$1,000.00	\$972.44
2352	20-Oct-12	20	2	\$27.19	No	\$1,000.00	\$972.81
2353	20-Oct-12	20	3	\$26.38	No	\$1,000.00	\$973.62
2354	20-Oct-12	20	4	\$26.34	No	\$1,000.00	\$973.66
2355	20-Oct-12	20	5	\$26.25	No	\$1,000.00	\$973.75
2356	20-Oct-12	20	6	\$26.25	No	\$1,000.00	\$973.75
2357	20-Oct-12	20	7	\$23.30	No	\$1,000.00	\$976.70
2358	20-Oct-12	20	8	\$23.30	No	\$1,000.00	\$976.70
2359	20-Oct-12	20	9	\$25.30	No	\$1,000.00	\$974.70
2360	20-Oct-12	20	10	\$22.97	No	\$1,000.00	\$977.03
2361	20-Oct-12	20	11	\$25.33	No	\$1,000.00	\$974.67
2362	20-Oct-12	20	12	\$22.97	No	\$1,000.00	\$977.03
2363	21-Oct-12	9	2	\$25.23	Yes	\$1,000.00	\$974.77
2364	21-Oct-12	9	3	\$26.24	Yes	\$1,000.00	\$973.76
2365	21-Oct-12	9	4	\$25.92	Yes	\$1,000.00	\$974.08
2366	21-Oct-12	9	5	\$26.71	Yes	\$1,000.00	\$973.29
2367	21-Oct-12	9	6	\$27.83	Yes	\$1,000.00	\$972.17
2368	21-Oct-12	9	7	\$27.82	Yes	\$1,000.00	\$972.18
2369	21-Oct-12	9	8	\$27.83	Yes	\$1,000.00	\$972.17
2370	21-Oct-12	9	9	\$27.92	Yes	\$1,000.00	\$972.08
2371	21-Oct-12	9	10	\$27.88	Yes	\$1,000.00	\$972.12
2372	21-Oct-12	9	11	\$27.88	Yes	\$1,000.00	\$972.12
2373	21-Oct-12	9	12	\$27.88	Yes	\$1,000.00	\$972.12
2374	21-Oct-12	10	1	\$26.40	Yes	\$1,000.00	\$973.60
2375	21-Oct-12	10	2	\$26.40	Yes	\$1,000.00	\$973.60
2376	21-Oct-12	10	3	\$26.41	Yes	\$1,000.00	\$973.59
2377	21-Oct-12	10	4	\$26.38	Yes	\$1,000.00	\$973.62
2378	21-Oct-12	10	5	\$26.41	Yes	\$1,000.00	\$973.59
2379	21-Oct-12	10	6	\$26.44	Yes	\$1,000.00	\$973.56
2380	21-Oct-12	10	7	\$25.66	Yes	\$1,000.00	\$974.34
2381	21-Oct-12	10	8	\$25.56	Yes	\$1,000.00	\$974.44
2382	21-Oct-12	10	9	\$25.56	Yes	\$1,000.00	\$974.44

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2383	21-Oct-12	10	10	\$25.65	Yes	\$1,000.00	\$974.35
2384	21-Oct-12	10	11	\$25.79	Yes	\$1,000.00	\$974.21
2385	21-Oct-12	10	12	\$25.89	Yes	\$1,000.00	\$974.11
2386	21-Oct-12	11	1	\$21.24	Yes	\$1,000.00	\$978.76
2387	21-Oct-12	11	2	\$25.62	Yes	\$1,000.00	\$974.38
2388	21-Oct-12	11	3	\$25.62	Yes	\$1,000.00	\$974.38
2389	21-Oct-12	11	4	\$25.71	Yes	\$1,000.00	\$974.29
2390	21-Oct-12	11	5	\$26.33	Yes	\$1,000.00	\$973.67
2391	21-Oct-12	11	6	\$26.30	Yes	\$1,000.00	\$973.70
2392	21-Oct-12	11	7	\$26.32	Yes	\$1,000.00	\$973.68
2393	21-Oct-12	11	8	\$26.33	Yes	\$1,000.00	\$973.67
2394	21-Oct-12	11	9	\$26.00	Yes	\$1,000.00	\$974.00
2395	21-Oct-12	11	10	\$26.32	Yes	\$1,000.00	\$973.68
2396	21-Oct-12	11	11	\$26.10	Yes	\$1,000.00	\$973.90
2397	21-Oct-12	11	12	\$27.27	Yes	\$1,000.00	\$972.73
2398	21-Oct-12	12	1	\$24.57	Yes	\$1,000.00	\$975.43
2399	21-Oct-12	12	2	\$26.24	Yes	\$1,000.00	\$973.76
2400	21-Oct-12	12	3	\$27.28	Yes	\$1,000.00	\$972.72
2401	21-Oct-12	12	4	\$28.02	Yes	\$1,000.00	\$971.98
2402	21-Oct-12	12	5	\$27.75	Yes	\$1,000.00	\$972.25
2403	21-Oct-12	12	6	\$27.34	Yes	\$1,000.00	\$972.66
2404	21-Oct-12	12	7	\$26.24	Yes	\$1,000.00	\$973.76
2405	21-Oct-12	12	8	\$21.43	Yes	\$1,000.00	\$978.57
2406	21-Oct-12	12	9	\$24.26	Yes	\$1,000.00	\$975.74
2407	21-Oct-12	12	10	\$24.26	Yes	\$1,000.00	\$975.74
2408	21-Oct-12	12	11	\$25.66	Yes	\$1,000.00	\$974.34
2409	21-Oct-12	12	12	\$26.16	Yes	\$1,000.00	\$973.84
2410	21-Oct-12	13	1	\$25.59	Yes	\$1,000.00	\$974.41
2411	21-Oct-12	13	2	\$25.59	Yes	\$1,000.00	\$974.41
2412	21-Oct-12	13	3	\$21.89	Yes	\$1,000.00	\$978.11
2413	21-Oct-12	13	4	\$23.43	Yes	\$1,000.00	\$976.57
2414	21-Oct-12	13	5	\$21.53	Yes	\$1,000.00	\$978.47
2415	21-Oct-12	13	6	\$21.47	Yes	\$1,000.00	\$978.53
2416	21-Oct-12	13	7	\$21.45	Yes	\$1,000.00	\$978.55
2417	21-Oct-12	13	8	\$20.70	Yes	\$1,000.00	\$979.30
2418	21-Oct-12	13	9	\$21.52	Yes	\$1,000.00	\$978.48
2419	21-Oct-12	13	10	\$22.57	Yes	\$1,000.00	\$977.43
2420	21-Oct-12	13	11	\$25.87	Yes	\$1,000.00	\$974.13
2421	21-Oct-12	13	12	\$26.31	Yes	\$1,000.00	\$973.69
2422	21-Oct-12	14	1	\$20.90	Yes	\$1,000.00	\$979.10
2423	21-Oct-12	14	2	\$20.90	Yes	\$1,000.00	\$979.10
2424	21-Oct-12	14	3	\$20.90	Yes	\$1,000.00	\$979.10
2425	21-Oct-12	14	4	\$20.95	Yes	\$1,000.00	\$979.05
2426	21-Oct-12	14	5	\$20.95	Yes	\$1,000.00	\$979.05
2427	21-Oct-12	14	6	\$20.95	Yes	\$1,000.00	\$979.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2428	21-Oct-12	14	7	\$20.84	Yes	\$1,000.00	\$979.16
2429	21-Oct-12	14	8	\$20.84	Yes	\$1,000.00	\$979.16
2430	21-Oct-12	14	9	\$20.84	Yes	\$1,000.00	\$979.16
2431	21-Oct-12	14	10	\$21.82	Yes	\$1,000.00	\$978.18
2432	21-Oct-12	14	11	\$21.82	Yes	\$1,000.00	\$978.18
2433	21-Oct-12	14	12	\$21.82	Yes	\$1,000.00	\$978.18
2434	21-Oct-12	15	1	\$23.61	Yes	\$1,000.00	\$976.39
2435	21-Oct-12	15	2	\$21.83	Yes	\$1,000.00	\$978.17
2436	21-Oct-12	15	3	\$22.42	Yes	\$1,000.00	\$977.58
2437	21-Oct-12	15	4	\$22.45	Yes	\$1,000.00	\$977.55
2438	21-Oct-12	15	5	\$22.45	Yes	\$1,000.00	\$977.55
2439	21-Oct-12	15	6	\$22.45	Yes	\$1,000.00	\$977.55
2440	21-Oct-12	15	7	\$22.56	Yes	\$1,000.00	\$977.44
2441	21-Oct-12	15	8	\$22.56	Yes	\$1,000.00	\$977.44
2442	21-Oct-12	15	9	\$22.54	Yes	\$1,000.00	\$977.46
2443	21-Oct-12	15	10	\$22.06	Yes	\$1,000.00	\$977.94
2444	21-Oct-12	15	11	\$22.06	Yes	\$1,000.00	\$977.94
2445	21-Oct-12	15	12	\$22.00	Yes	\$1,000.00	\$978.00
2446	21-Oct-12	16	1	\$22.36	Yes	\$1,000.00	\$977.64
2447	21-Oct-12	16	2	\$21.85	Yes	\$1,000.00	\$978.15
2448	21-Oct-12	16	3	\$22.68	Yes	\$1,000.00	\$977.32
2449	21-Oct-12	16	4	\$23.63	Yes	\$1,000.00	\$976.37
2450	21-Oct-12	16	5	\$24.66	Yes	\$1,000.00	\$975.34
2451	21-Oct-12	16	6	\$24.66	Yes	\$1,000.00	\$975.34
2452	21-Oct-12	16	7	\$25.68	Yes	\$1,000.00	\$974.32
2453	21-Oct-12	16	8	\$26.14	Yes	\$1,000.00	\$973.86
2454	21-Oct-12	16	9	\$26.33	Yes	\$1,000.00	\$973.67
2455	21-Oct-12	16	10	\$26.32	Yes	\$1,000.00	\$973.68
2456	21-Oct-12	16	11	\$26.32	Yes	\$1,000.00	\$973.68
2457	21-Oct-12	16	12	\$26.23	Yes	\$1,000.00	\$973.77
2458	21-Oct-12	17	1	\$21.22	No	\$1,000.00	\$978.78
2459	21-Oct-12	17	2	\$21.22	No	\$1,000.00	\$978.78
2460	21-Oct-12	17	3	\$21.81	No	\$1,000.00	\$978.19
2461	21-Oct-12	17	4	\$22.82	No	\$1,000.00	\$977.18
2462	21-Oct-12	17	5	\$26.21	No	\$1,000.00	\$973.79
2463	21-Oct-12	17	6	\$26.40	No	\$1,000.00	\$973.60
2464	21-Oct-12	17	7	\$26.13	No	\$1,000.00	\$973.87
2465	21-Oct-12	17	8	\$22.93	No	\$1,000.00	\$977.07
2466	21-Oct-12	17	9	\$25.81	No	\$1,000.00	\$974.19
2467	21-Oct-12	17	10	\$27.61	No	\$1,000.00	\$972.39
2468	21-Oct-12	17	11	\$27.03	No	\$1,000.00	\$972.97
2469	21-Oct-12	17	12	\$25.71	No	\$1,000.00	\$974.29
2470	21-Oct-12	18	1	\$17.01	No	\$1,000.00	\$982.99
2471	21-Oct-12	18	2	\$14.20	No	\$1,000.00	\$985.80
2472	21-Oct-12	18	3	\$17.01	No	\$1,000.00	\$982.99

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2473	21-Oct-12	18	4	\$17.03	No	\$1,000.00	\$982.97
2474	21-Oct-12	18	5	\$21.10	No	\$1,000.00	\$978.90
2475	21-Oct-12	18	6	\$21.37	No	\$1,000.00	\$978.63
2476	21-Oct-12	18	7	\$21.42	No	\$1,000.00	\$978.58
2477	21-Oct-12	18	8	\$21.82	No	\$1,000.00	\$978.18
2478	21-Oct-12	18	9	\$22.91	No	\$1,000.00	\$977.09
2479	21-Oct-12	18	10	\$26.34	No	\$1,000.00	\$973.66
2480	21-Oct-12	18	11	\$26.34	No	\$1,000.00	\$973.66
2481	21-Oct-12	18	12	\$25.56	No	\$1,000.00	\$974.44
2482	21-Oct-12	19	1	\$16.16	No	(\$30.00)	(\$46.16)
2483	21-Oct-12	19	2	\$7.49	No	(\$30.00)	(\$37.49)
2484	21-Oct-12	19	3	\$10.91	No	(\$30.00)	(\$40.91)
2485	21-Oct-12	19	4	\$21.85	No	(\$30.00)	(\$51.85)
2486	21-Oct-12	19	5	\$21.85	No	(\$30.00)	(\$51.85)
2487	21-Oct-12	19	6	\$26.36	No	(\$30.00)	(\$56.36)
2488	21-Oct-12	19	7	\$27.56	No	(\$30.00)	(\$57.56)
2489	21-Oct-12	19	8	\$31.64	No	(\$30.00)	(\$61.64)
2490	21-Oct-12	19	9	\$31.75	No	(\$30.00)	(\$61.75)
2491	21-Oct-12	19	10	\$28.62	No	(\$30.00)	(\$58.62)
2492	21-Oct-12	19	11	\$31.48	No	(\$30.00)	(\$61.48)
2493	21-Oct-12	19	12	\$39.61	No	(\$30.00)	(\$69.61)
2494	21-Oct-12	20	1	\$32.80	No	(\$30.00)	(\$62.80)
2495	21-Oct-12	20	2	\$36.97	No	(\$30.00)	(\$66.97)
2496	21-Oct-12	20	3	\$38.89	No	(\$30.00)	(\$68.89)
2497	21-Oct-12	20	4	\$39.50	No	(\$30.00)	(\$69.50)
2498	21-Oct-12	20	5	\$41.06	No	(\$30.00)	(\$71.06)
2499	21-Oct-12	20	6	\$39.88	No	(\$30.00)	(\$69.88)
2500	21-Oct-12	20	7	\$36.98	No	(\$30.00)	(\$66.98)
2501	21-Oct-12	20	8	\$31.66	No	(\$30.00)	(\$61.66)
2502	21-Oct-12	20	9	\$31.66	No	(\$30.00)	(\$61.66)
2503	21-Oct-12	20	10	\$28.68	No	(\$30.00)	(\$58.68)
2504	21-Oct-12	20	11	\$28.68	No	(\$30.00)	(\$58.68)
2505	21-Oct-12	20	12	\$30.84	No	(\$30.00)	(\$60.84)
2506	22-Oct-12	11	8	\$62.58	Yes	\$1,000.00	\$937.42
2507	22-Oct-12	11	9	\$59.57	Yes	\$1,000.00	\$940.43
2508	22-Oct-12	11	10	\$53.24	Yes	\$1,000.00	\$946.76
2509	22-Oct-12	11	11	\$49.06	Yes	\$1,000.00	\$950.94
2510	22-Oct-12	11	12	\$28.26	Yes	\$1,000.00	\$971.74
2511	22-Oct-12	12	1	\$179.56	Yes	\$1,000.00	\$820.44
2512	22-Oct-12	12	2	\$60.66	Yes	\$1,000.00	\$939.34
2513	22-Oct-12	12	3	\$60.93	Yes	\$1,000.00	\$939.07
2514	22-Oct-12	12	4	\$51.84	Yes	\$1,000.00	\$948.16
2515	22-Oct-12	12	5	\$43.25	Yes	\$1,000.00	\$956.75
2516	22-Oct-12	12	6	\$62.10	Yes	\$1,000.00	\$937.90
2517	22-Oct-12	12	7	\$26.73	Yes	\$1,000.00	\$973.27

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2518	22-Oct-12	12	8	\$26.92	Yes	\$1,000.00	\$973.08
2519	22-Oct-12	12	9	\$27.34	Yes	\$1,000.00	\$972.66
2520	22-Oct-12	12	10	\$27.54	Yes	\$1,000.00	\$972.46
2521	22-Oct-12	12	11	\$26.14	Yes	\$1,000.00	\$973.86
2522	22-Oct-12	12	12	\$27.26	Yes	\$1,000.00	\$972.74
2523	22-Oct-12	13	1	\$26.83	Yes	\$1,000.00	\$973.17
2524	22-Oct-12	13	2	\$39.61	Yes	\$1,000.00	\$960.39
2525	22-Oct-12	13	3	\$59.87	Yes	\$1,000.00	\$940.13
2526	22-Oct-12	13	4	\$39.59	Yes	\$1,000.00	\$960.41
2527	22-Oct-12	13	5	\$32.44	Yes	\$1,000.00	\$967.56
2528	22-Oct-12	13	6	\$39.55	Yes	\$1,000.00	\$960.45
2529	22-Oct-12	13	7	\$33.79	Yes	\$1,000.00	\$966.21
2530	22-Oct-12	13	8	\$27.46	Yes	\$1,000.00	\$972.54
2531	22-Oct-12	13	9	\$39.56	Yes	\$1,000.00	\$960.44
2532	22-Oct-12	13	10	\$26.09	Yes	\$1,000.00	\$973.91
2533	22-Oct-12	13	11	\$26.76	Yes	\$1,000.00	\$973.24
2534	22-Oct-12	13	12	\$26.49	Yes	\$1,000.00	\$973.51
2535	22-Oct-12	14	1	\$26.86	Yes	\$1,000.00	\$973.14
2536	22-Oct-12	14	2	\$27.63	Yes	\$1,000.00	\$972.37
2537	22-Oct-12	14	3	\$27.61	Yes	\$1,000.00	\$972.39
2538	22-Oct-12	14	4	\$27.78	Yes	\$1,000.00	\$972.22
2539	22-Oct-12	14	5	\$28.00	Yes	\$1,000.00	\$972.00
2540	22-Oct-12	14	6	\$28.03	Yes	\$1,000.00	\$971.97
2541	22-Oct-12	14	7	\$28.03	Yes	\$1,000.00	\$971.97
2542	22-Oct-12	14	8	\$28.73	Yes	\$1,000.00	\$971.27
2543	22-Oct-12	14	9	\$28.77	Yes	\$1,000.00	\$971.23
2544	22-Oct-12	14	10	\$28.90	Yes	\$1,000.00	\$971.10
2545	22-Oct-12	14	11	\$28.11	Yes	\$1,000.00	\$971.89
2546	22-Oct-12	14	12	\$28.11	Yes	\$1,000.00	\$971.89
2547	22-Oct-12	15	1	\$27.74	Yes	\$1,000.00	\$972.26
2548	22-Oct-12	15	2	\$27.25	Yes	\$1,000.00	\$972.75
2549	22-Oct-12	15	3	\$27.63	Yes	\$1,000.00	\$972.37
2550	22-Oct-12	15	4	\$27.55	Yes	\$1,000.00	\$972.45
2551	22-Oct-12	15	5	\$27.53	Yes	\$1,000.00	\$972.47
2552	22-Oct-12	15	6	\$27.24	Yes	\$1,000.00	\$972.76
2553	22-Oct-12	15	7	\$26.75	Yes	\$1,000.00	\$973.25
2554	22-Oct-12	15	8	\$26.70	Yes	\$1,000.00	\$973.30
2555	22-Oct-12	15	9	\$26.89	Yes	\$1,000.00	\$973.11
2556	22-Oct-12	15	10	\$27.58	Yes	\$1,000.00	\$972.42
2557	22-Oct-12	15	11	\$27.41	Yes	\$1,000.00	\$972.59
2558	22-Oct-12	15	12	\$27.88	Yes	\$1,000.00	\$972.12
2559	22-Oct-12	16	1	\$27.70	Yes	\$1,000.00	\$972.30
2560	22-Oct-12	16	2	\$27.95	Yes	\$1,000.00	\$972.05
2561	22-Oct-12	16	3	\$27.97	Yes	\$1,000.00	\$972.03
2562	22-Oct-12	16	4	\$28.46	Yes	\$1,000.00	\$971.54

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2563	22-Oct-12	16	5	\$27.97	Yes	\$1,000.00	\$972.03
2564	22-Oct-12	16	6	\$27.85	Yes	\$1,000.00	\$972.15
2565	22-Oct-12	16	7	\$27.90	Yes	\$1,000.00	\$972.10
2566	22-Oct-12	16	8	\$27.71	Yes	\$1,000.00	\$972.29
2567	22-Oct-12	16	9	\$27.75	Yes	\$1,000.00	\$972.25
2568	22-Oct-12	16	10	\$27.83	Yes	\$1,000.00	\$972.17
2569	22-Oct-12	16	11	\$27.70	Yes	\$1,000.00	\$972.30
2570	22-Oct-12	16	12	\$26.68	Yes	\$1,000.00	\$973.32
2571	22-Oct-12	17	1	\$25.81	Yes	\$1,000.00	\$974.19
2572	22-Oct-12	17	2	\$26.27	Yes	\$1,000.00	\$973.73
2573	22-Oct-12	17	3	\$26.17	Yes	\$1,000.00	\$973.83
2574	22-Oct-12	17	4	\$26.27	Yes	\$1,000.00	\$973.73
2575	22-Oct-12	17	5	\$26.46	Yes	\$1,000.00	\$973.54
2576	22-Oct-12	17	6	\$26.62	Yes	\$1,000.00	\$973.38
2577	22-Oct-12	17	7	\$26.35	Yes	\$1,000.00	\$973.65
2578	22-Oct-12	17	8	\$26.43	Yes	\$1,000.00	\$973.57
2579	22-Oct-12	17	9	\$26.43	Yes	\$1,000.00	\$973.57
2580	22-Oct-12	17	10	\$26.61	Yes	\$1,000.00	\$973.39
2581	22-Oct-12	17	11	\$26.67	Yes	\$1,000.00	\$973.33
2582	22-Oct-12	17	12	\$26.66	Yes	\$1,000.00	\$973.34
2583	22-Oct-12	18	1	\$16.71	Yes	\$1,000.00	\$983.29
2584	22-Oct-12	18	2	\$16.24	Yes	\$1,000.00	\$983.76
2585	22-Oct-12	18	3	\$12.92	Yes	\$1,000.00	\$987.08
2586	22-Oct-12	18	4	\$16.77	Yes	\$1,000.00	\$983.23
2587	22-Oct-12	18	5	\$17.47	Yes	\$1,000.00	\$982.53
2588	22-Oct-12	18	6	\$21.29	Yes	\$1,000.00	\$978.71
2589	22-Oct-12	18	7	\$22.11	Yes	\$1,000.00	\$977.89
2590	22-Oct-12	18	8	\$26.01	Yes	\$1,000.00	\$973.99
2591	22-Oct-12	18	9	\$27.75	Yes	\$1,000.00	\$972.25
2592	22-Oct-12	18	10	\$27.98	Yes	\$1,000.00	\$972.02
2593	22-Oct-12	18	11	\$28.06	Yes	\$1,000.00	\$971.94
2594	22-Oct-12	18	12	\$28.19	Yes	\$1,000.00	\$971.81
2595	22-Oct-12	19	1	\$26.22	Yes	\$1,000.00	\$973.78
2596	22-Oct-12	19	2	\$26.20	Yes	\$1,000.00	\$973.80
2597	22-Oct-12	19	3	\$26.29	Yes	\$1,000.00	\$973.71
2598	22-Oct-12	19	4	\$27.76	Yes	\$1,000.00	\$972.24
2599	22-Oct-12	19	5	\$28.21	Yes	\$1,000.00	\$971.79
2600	22-Oct-12	19	6	\$30.18	Yes	\$1,000.00	\$969.82
2601	22-Oct-12	19	7	\$30.56	Yes	\$1,000.00	\$969.44
2602	22-Oct-12	19	8	\$39.60	Yes	\$1,000.00	\$960.40
2603	22-Oct-12	19	9	\$40.25	Yes	\$1,000.00	\$959.75
2604	22-Oct-12	19	10	\$39.32	Yes	\$1,000.00	\$960.68
2605	22-Oct-12	19	11	\$39.25	Yes	\$1,000.00	\$960.75
2606	22-Oct-12	19	12	\$30.27	Yes	\$1,000.00	\$969.73
2607	22-Oct-12	20	1	\$30.24	Yes	\$1,000.00	\$969.76

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2608	22-Oct-12	20	2	\$30.15	Yes	\$1,000.00	\$969.85
2609	22-Oct-12	20	3	\$30.00	Yes	\$1,000.00	\$970.00
2610	22-Oct-12	20	4	\$28.40	Yes	\$1,000.00	\$971.60
2611	22-Oct-12	20	5	\$28.25	Yes	\$1,000.00	\$971.75
2612	22-Oct-12	20	6	\$28.22	Yes	\$1,000.00	\$971.78
2613	22-Oct-12	20	7	\$28.21	Yes	\$1,000.00	\$971.79
2614	22-Oct-12	20	8	\$28.18	Yes	\$1,000.00	\$971.82
2615	22-Oct-12	20	9	\$28.17	Yes	\$1,000.00	\$971.83
2616	22-Oct-12	20	10	\$28.01	Yes	\$1,000.00	\$971.99
2617	22-Oct-12	20	11	\$27.92	Yes	\$1,000.00	\$972.08
2618	22-Oct-12	20	12	\$27.97	Yes	\$1,000.00	\$972.03
2619	22-Oct-12	21	1	\$31.01	Yes	\$1,000.00	\$968.99
2620	22-Oct-12	21	2	\$31.14	Yes	\$1,000.00	\$968.86
2621	22-Oct-12	21	3	\$31.14	Yes	\$1,000.00	\$968.86
2622	22-Oct-12	21	4	\$31.38	Yes	\$1,000.00	\$968.62
2623	22-Oct-12	21	5	\$31.38	Yes	\$1,000.00	\$968.62
2624	22-Oct-12	21	6	\$34.45	Yes	\$1,000.00	\$965.55
2625	22-Oct-12	21	7	\$32.44	Yes	\$1,000.00	\$967.56
2626	22-Oct-12	21	8	\$31.39	Yes	\$1,000.00	\$968.61
2627	22-Oct-12	21	9	\$31.27	Yes	\$1,000.00	\$968.73
2628	22-Oct-12	21	10	\$31.25	Yes	\$1,000.00	\$968.75
2629	22-Oct-12	21	11	\$31.10	Yes	\$1,000.00	\$968.90
2630	22-Oct-12	21	12	\$29.73	Yes	\$1,000.00	\$970.27
2631	23-Oct-12	10	8	\$27.06	Yes	\$1,000.00	\$972.94
2632	23-Oct-12	10	9	\$27.06	Yes	\$1,000.00	\$972.94
2633	23-Oct-12	10	10	\$32.75	Yes	\$1,000.00	\$967.25
2634	23-Oct-12	10	11	\$27.22	Yes	\$1,000.00	\$972.78
2635	23-Oct-12	10	12	\$26.89	Yes	\$1,000.00	\$973.11
2636	23-Oct-12	11	1	\$15.58	Yes	\$1,000.00	\$984.42
2637	23-Oct-12	11	2	\$17.27	Yes	\$1,000.00	\$982.73
2638	23-Oct-12	11	3	\$16.51	Yes	\$1,000.00	\$983.49
2639	23-Oct-12	11	4	\$17.19	Yes	\$1,000.00	\$982.81
2640	23-Oct-12	11	5	\$17.19	Yes	\$1,000.00	\$982.81
2641	23-Oct-12	11	6	\$39.15	Yes	\$1,000.00	\$960.85
2642	23-Oct-12	11	7	\$58.94	Yes	\$1,000.00	\$941.06
2643	23-Oct-12	11	8	\$39.02	Yes	\$1,000.00	\$960.98
2644	23-Oct-12	11	9	\$39.02	Yes	\$1,000.00	\$960.98
2645	23-Oct-12	11	10	\$38.60	Yes	\$1,000.00	\$961.40
2646	23-Oct-12	11	11	\$39.06	Yes	\$1,000.00	\$960.94
2647	23-Oct-12	11	12	\$17.22	Yes	\$1,000.00	\$982.78
2648	23-Oct-12	12	1	\$182.90	Yes	\$1,000.00	\$817.10
2649	23-Oct-12	12	2	\$58.14	Yes	\$1,000.00	\$941.86
2650	23-Oct-12	12	3	\$57.83	Yes	\$1,000.00	\$942.17
2651	23-Oct-12	12	4	\$58.18	Yes	\$1,000.00	\$941.82
2652	23-Oct-12	12	5	\$58.18	Yes	\$1,000.00	\$941.82



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2653	23-Oct-12	12	6	\$79.32	Yes	\$1,000.00	\$920.68
2654	23-Oct-12	12	7	\$182.54	Yes	\$1,000.00	\$817.46
2655	23-Oct-12	12	8	\$94.58	Yes	\$1,000.00	\$905.42
2656	23-Oct-12	12	9	\$102.67	Yes	\$1,000.00	\$897.33
2657	23-Oct-12	12	10	\$182.48	Yes	\$1,000.00	\$817.52
2658	23-Oct-12	12	11	\$64.46	Yes	\$1,000.00	\$935.54
2659	23-Oct-12	12	12	\$62.01	Yes	\$1,000.00	\$937.99
2660	23-Oct-12	13	1	\$59.64	Yes	\$1,000.00	\$940.36
2661	23-Oct-12	13	2	\$52.10	Yes	\$1,000.00	\$947.90
2662	23-Oct-12	13	3	\$54.71	Yes	\$1,000.00	\$945.29
2663	23-Oct-12	13	4	\$56.16	Yes	\$1,000.00	\$943.84
2664	23-Oct-12	13	5	\$17.41	Yes	\$1,000.00	\$982.59
2665	23-Oct-12	13	6	\$51.79	Yes	\$1,000.00	\$948.21
2666	23-Oct-12	13	7	\$56.00	Yes	\$1,000.00	\$944.00
2667	23-Oct-12	13	8	\$56.05	Yes	\$1,000.00	\$943.95
2668	23-Oct-12	13	9	\$54.86	Yes	\$1,000.00	\$945.14
2669	23-Oct-12	13	10	\$21.71	Yes	\$1,000.00	\$978.29
2670	23-Oct-12	13	11	\$21.65	Yes	\$1,000.00	\$978.35
2671	23-Oct-12	13	12	\$16.64	Yes	\$1,000.00	\$983.36
2672	23-Oct-12	14	1	\$12.56	Yes	\$1,000.00	\$987.44
2673	23-Oct-12	14	2	\$16.00	Yes	\$1,000.00	\$984.00
2674	23-Oct-12	14	3	\$16.64	Yes	\$1,000.00	\$983.36
2675	23-Oct-12	14	4	\$17.47	Yes	\$1,000.00	\$982.53
2676	23-Oct-12	14	5	\$17.47	Yes	\$1,000.00	\$982.53
2677	23-Oct-12	14	6	\$17.47	Yes	\$1,000.00	\$982.53
2678	23-Oct-12	14	7	\$16.10	Yes	\$1,000.00	\$983.90
2679	23-Oct-12	14	8	\$17.46	Yes	\$1,000.00	\$982.54
2680	23-Oct-12	14	9	\$17.46	Yes	\$1,000.00	\$982.54
2681	23-Oct-12	14	10	\$17.46	Yes	\$1,000.00	\$982.54
2682	23-Oct-12	14	11	\$17.46	Yes	\$1,000.00	\$982.54
2683	23-Oct-12	14	12	\$21.93	Yes	\$1,000.00	\$978.07
2684	23-Oct-12	15	1	\$22.01	Yes	\$1,000.00	\$977.99
2685	23-Oct-12	15	2	\$17.47	Yes	\$1,000.00	\$982.53
2686	23-Oct-12	15	3	\$16.13	Yes	\$1,000.00	\$983.87
2687	23-Oct-12	15	4	\$16.13	Yes	\$1,000.00	\$983.87
2688	23-Oct-12	15	5	\$16.13	Yes	\$1,000.00	\$983.87
2689	23-Oct-12	15	6	\$16.13	Yes	\$1,000.00	\$983.87
2690	23-Oct-12	15	7	\$16.13	Yes	\$1,000.00	\$983.87
2691	23-Oct-12	15	8	\$16.13	Yes	\$1,000.00	\$983.87
2692	23-Oct-12	15	9	\$16.13	Yes	\$1,000.00	\$983.87
2693	23-Oct-12	15	10	\$16.13	Yes	\$1,000.00	\$983.87
2694	23-Oct-12	15	11	\$16.13	Yes	\$1,000.00	\$983.87
2695	23-Oct-12	15	12	\$16.13	Yes	\$1,000.00	\$983.87
2696	23-Oct-12	16	1	\$23.12	Yes	\$1,000.00	\$976.88
2697	23-Oct-12	16	2	\$23.12	Yes	\$1,000.00	\$976.88

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2698	23-Oct-12	16	3	\$25.73	Yes	\$1,000.00	\$974.27
2699	23-Oct-12	16	4	\$23.07	Yes	\$1,000.00	\$976.93
2700	23-Oct-12	16	5	\$22.61	Yes	\$1,000.00	\$977.39
2701	23-Oct-12	16	6	\$23.07	Yes	\$1,000.00	\$976.93
2702	23-Oct-12	16	7	\$25.65	Yes	\$1,000.00	\$974.35
2703	23-Oct-12	16	8	\$24.12	Yes	\$1,000.00	\$975.88
2704	23-Oct-12	16	9	\$26.69	Yes	\$1,000.00	\$973.31
2705	23-Oct-12	16	10	\$26.76	Yes	\$1,000.00	\$973.24
2706	23-Oct-12	16	11	\$24.58	Yes	\$1,000.00	\$975.42
2707	23-Oct-12	16	12	\$22.93	Yes	\$1,000.00	\$977.07
2708	23-Oct-12	17	1	\$16.17	Yes	\$1,000.00	\$983.83
2709	23-Oct-12	17	2	\$16.17	Yes	\$1,000.00	\$983.83
2710	23-Oct-12	17	3	\$12.57	Yes	\$1,000.00	\$987.43
2711	23-Oct-12	17	4	\$12.57	Yes	\$1,000.00	\$987.43
2712	23-Oct-12	17	5	\$7.39	Yes	\$1,000.00	\$992.61
2713	23-Oct-12	17	6	\$7.39	Yes	\$1,000.00	\$992.61
2714	23-Oct-12	17	7	\$16.10	Yes	\$1,000.00	\$983.90
2715	23-Oct-12	17	8	\$16.64	Yes	\$1,000.00	\$983.36
2716	23-Oct-12	17	9	\$20.89	Yes	\$1,000.00	\$979.11
2717	23-Oct-12	17	10	\$21.56	Yes	\$1,000.00	\$978.44
2718	23-Oct-12	17	11	\$22.58	Yes	\$1,000.00	\$977.42
2719	23-Oct-12	17	12	\$22.58	Yes	\$1,000.00	\$977.42
2720	23-Oct-12	18	1	\$15.96	Yes	\$1,000.00	\$984.04
2721	23-Oct-12	18	2	\$16.59	Yes	\$1,000.00	\$983.41
2722	23-Oct-12	18	3	\$16.59	Yes	\$1,000.00	\$983.41
2723	23-Oct-12	18	4	\$16.03	Yes	\$1,000.00	\$983.97
2724	23-Oct-12	18	5	\$16.03	Yes	\$1,000.00	\$983.97
2725	23-Oct-12	18	6	\$16.66	Yes	\$1,000.00	\$983.34
2726	23-Oct-12	18	7	\$29.82	Yes	\$1,000.00	\$970.18
2727	23-Oct-12	18	8	\$29.00	Yes	\$1,000.00	\$971.00
2728	23-Oct-12	18	9	\$29.12	Yes	\$1,000.00	\$970.88
2729	23-Oct-12	18	10	\$29.08	Yes	\$1,000.00	\$970.92
2730	23-Oct-12	18	11	\$28.95	Yes	\$1,000.00	\$971.05
2731	23-Oct-12	18	12	\$29.95	Yes	\$1,000.00	\$970.05
2732	23-Oct-12	19	1	\$0.10	Yes	\$1,000.00	\$999.90
2733	23-Oct-12	19	2	\$1.06	Yes	\$1,000.00	\$998.94
2734	23-Oct-12	19	3	\$5.11	Yes	\$1,000.00	\$994.89
2735	23-Oct-12	19	4	\$13.42	Yes	\$1,000.00	\$986.58
2736	23-Oct-12	19	5	\$17.46	Yes	\$1,000.00	\$982.54
2737	23-Oct-12	19	6	\$22.89	Yes	\$1,000.00	\$977.11
2738	23-Oct-12	19	7	\$26.75	Yes	\$1,000.00	\$973.25
2739	23-Oct-12	19	8	\$28.03	Yes	\$1,000.00	\$971.97
2740	23-Oct-12	19	9	\$29.05	Yes	\$1,000.00	\$970.95
2741	23-Oct-12	19	10	\$28.42	Yes	\$1,000.00	\$971.58
2742	23-Oct-12	19	11	\$29.02	Yes	\$1,000.00	\$970.98

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2743	23-Oct-12	19	12	\$29.02	Yes	\$1,000.00	\$970.98
2744	23-Oct-12	20	1	\$27.07	Yes	\$1,000.00	\$972.93
2745	23-Oct-12	20	2	\$28.58	Yes	\$1,000.00	\$971.42
2746	23-Oct-12	20	3	\$27.43	Yes	\$1,000.00	\$972.57
2747	23-Oct-12	20	4	\$28.32	Yes	\$1,000.00	\$971.68
2748	23-Oct-12	20	5	\$28.32	Yes	\$1,000.00	\$971.68
2749	23-Oct-12	20	6	\$28.91	Yes	\$1,000.00	\$971.09
2750	23-Oct-12	20	7	\$29.64	Yes	\$1,000.00	\$970.36
2751	23-Oct-12	20	8	\$29.03	Yes	\$1,000.00	\$970.97
2752	23-Oct-12	20	9	\$29.03	Yes	\$1,000.00	\$970.97
2753	23-Oct-12	20	10	\$27.42	Yes	\$1,000.00	\$972.58
2754	23-Oct-12	20	11	\$28.23	Yes	\$1,000.00	\$971.77
2755	23-Oct-12	20	12	\$28.23	Yes	\$1,000.00	\$971.77
2756	23-Oct-12	21	1	\$29.27	Yes	\$1,000.00	\$970.73
2757	23-Oct-12	21	2	\$29.27	Yes	\$1,000.00	\$970.73
2758	23-Oct-12	21	3	\$29.27	Yes	\$1,000.00	\$970.73
2759	23-Oct-12	21	4	\$34.82	Yes	\$1,000.00	\$965.18
2760	23-Oct-12	21	5	\$33.81	Yes	\$1,000.00	\$966.19
2761	23-Oct-12	21	6	\$30.73	Yes	\$1,000.00	\$969.27
2762	23-Oct-12	21	7	\$28.64	Yes	\$1,000.00	\$971.36
2763	23-Oct-12	21	8	\$28.64	Yes	\$1,000.00	\$971.36
2764	23-Oct-12	21	9	\$27.10	Yes	\$1,000.00	\$972.90
2765	23-Oct-12	21	10	\$27.11	Yes	\$1,000.00	\$972.89
2766	23-Oct-12	21	11	\$26.61	Yes	\$1,000.00	\$973.39
2767	23-Oct-12	21	12	\$22.38	Yes	\$1,000.00	\$977.62
2768	24-Oct-12	10	5	\$26.23	Yes	\$1,000.00	\$973.77
2769	24-Oct-12	10	6	\$26.23	Yes	\$1,000.00	\$973.77
2770	24-Oct-12	10	7	\$180.01	Yes	\$1,000.00	\$819.99
2771	24-Oct-12	10	8	\$39.36	Yes	\$1,000.00	\$960.64
2772	24-Oct-12	10	9	\$39.11	Yes	\$1,000.00	\$960.89
2773	24-Oct-12	10	10	\$40.73	Yes	\$1,000.00	\$959.27
2774	24-Oct-12	10	11	\$39.13	Yes	\$1,000.00	\$960.87
2775	24-Oct-12	10	12	\$39.09	Yes	\$1,000.00	\$960.91
2776	24-Oct-12	11	1	\$39.13	Yes	\$1,000.00	\$960.87
2777	24-Oct-12	11	2	\$39.13	Yes	\$1,000.00	\$960.87
2778	24-Oct-12	11	3	\$39.06	Yes	\$1,000.00	\$960.94
2779	24-Oct-12	11	4	\$26.42	Yes	\$1,000.00	\$973.58
2780	24-Oct-12	11	5	\$32.76	Yes	\$1,000.00	\$967.24
2781	24-Oct-12	11	6	\$37.88	Yes	\$1,000.00	\$962.12
2782	24-Oct-12	11	7	\$78.56	Yes	\$1,000.00	\$921.44
2783	24-Oct-12	11	8	\$39.04	Yes	\$1,000.00	\$960.96
2784	24-Oct-12	11	9	\$29.28	Yes	\$1,000.00	\$970.72
2785	24-Oct-12	11	10	\$38.85	Yes	\$1,000.00	\$961.15
2786	24-Oct-12	11	11	\$35.53	Yes	\$1,000.00	\$964.47
2787	24-Oct-12	11	12	\$36.43	Yes	\$1,000.00	\$963.57

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2788	24-Oct-12	12	1	\$26.30	Yes	\$1,000.00	\$973.70
2789	24-Oct-12	12	2	\$27.38	Yes	\$1,000.00	\$972.62
2790	24-Oct-12	12	3	\$27.38	Yes	\$1,000.00	\$972.62
2791	24-Oct-12	12	4	\$28.35	Yes	\$1,000.00	\$971.65
2792	24-Oct-12	12	5	\$28.32	Yes	\$1,000.00	\$971.68
2793	24-Oct-12	12	6	\$39.32	Yes	\$1,000.00	\$960.68
2794	24-Oct-12	12	7	\$1,000.00	Yes	\$1,000.00	\$0.00
2795	24-Oct-12	12	8	\$180.49	Yes	\$1,000.00	\$819.51
2796	24-Oct-12	12	9	\$74.86	Yes	\$1,000.00	\$925.14
2797	24-Oct-12	12	10	\$39.27	Yes	\$1,000.00	\$960.73
2798	24-Oct-12	12	11	\$39.25	Yes	\$1,000.00	\$960.75
2799	24-Oct-12	12	12	\$39.11	Yes	\$1,000.00	\$960.89
2800	24-Oct-12	13	1	\$39.07	Yes	\$1,000.00	\$960.93
2801	24-Oct-12	13	2	\$39.11	Yes	\$1,000.00	\$960.89
2802	24-Oct-12	13	3	\$37.60	Yes	\$1,000.00	\$962.40
2803	24-Oct-12	13	4	\$39.10	Yes	\$1,000.00	\$960.90
2804	24-Oct-12	13	5	\$39.06	Yes	\$1,000.00	\$960.94
2805	24-Oct-12	13	6	\$39.06	Yes	\$1,000.00	\$960.94
2806	24-Oct-12	13	7	\$39.02	Yes	\$1,000.00	\$960.98
2807	24-Oct-12	13	8	\$38.98	Yes	\$1,000.00	\$961.02
2808	24-Oct-12	13	9	\$38.98	Yes	\$1,000.00	\$961.02
2809	24-Oct-12	13	10	\$39.06	Yes	\$1,000.00	\$960.94
2810	24-Oct-12	13	11	\$28.50	Yes	\$1,000.00	\$971.50
2811	24-Oct-12	13	12	\$28.25	Yes	\$1,000.00	\$971.75
2812	24-Oct-12	14	1	\$60.47	Yes	\$1,000.00	\$939.53
2813	24-Oct-12	14	2	\$50.65	Yes	\$1,000.00	\$949.35
2814	24-Oct-12	14	3	\$55.94	Yes	\$1,000.00	\$944.06
2815	24-Oct-12	14	4	\$49.97	Yes	\$1,000.00	\$950.03
2816	24-Oct-12	14	5	\$50.27	Yes	\$1,000.00	\$949.73
2817	24-Oct-12	14	6	\$50.27	Yes	\$1,000.00	\$949.73
2818	24-Oct-12	14	7	\$50.27	Yes	\$1,000.00	\$949.73
2819	24-Oct-12	14	8	\$37.60	Yes	\$1,000.00	\$962.40
2820	24-Oct-12	14	9	\$41.12	Yes	\$1,000.00	\$958.88
2821	24-Oct-12	14	10	\$50.35	Yes	\$1,000.00	\$949.65
2822	24-Oct-12	14	11	\$39.09	Yes	\$1,000.00	\$960.91
2823	24-Oct-12	14	12	\$39.12	Yes	\$1,000.00	\$960.88
2824	24-Oct-12	15	1	\$50.81	Yes	\$1,000.00	\$949.19
2825	24-Oct-12	15	2	\$46.87	Yes	\$1,000.00	\$953.13
2826	24-Oct-12	15	3	\$47.39	Yes	\$1,000.00	\$952.61
2827	24-Oct-12	15	4	\$27.22	Yes	\$1,000.00	\$972.78
2828	24-Oct-12	15	5	\$39.07	Yes	\$1,000.00	\$960.93
2829	24-Oct-12	15	6	\$39.07	Yes	\$1,000.00	\$960.93
2830	24-Oct-12	15	7	\$39.07	Yes	\$1,000.00	\$960.93
2831	24-Oct-12	15	8	\$39.07	Yes	\$1,000.00	\$960.93
2832	24-Oct-12	15	9	\$39.06	Yes	\$1,000.00	\$960.94

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2833	24-Oct-12	15	10	\$28.57	Yes	\$1,000.00	\$971.43
2834	24-Oct-12	15	11	\$39.03	Yes	\$1,000.00	\$960.97
2835	24-Oct-12	15	12	\$38.91	Yes	\$1,000.00	\$961.09
2836	24-Oct-12	16	1	\$26.54	Yes	\$1,000.00	\$973.46
2837	24-Oct-12	16	2	\$27.38	Yes	\$1,000.00	\$972.62
2838	24-Oct-12	16	3	\$26.54	Yes	\$1,000.00	\$973.46
2839	24-Oct-12	16	4	\$26.54	Yes	\$1,000.00	\$973.46
2840	24-Oct-12	16	5	\$27.36	Yes	\$1,000.00	\$972.64
2841	24-Oct-12	16	6	\$27.36	Yes	\$1,000.00	\$972.64
2842	24-Oct-12	16	7	\$27.40	Yes	\$1,000.00	\$972.60
2843	24-Oct-12	16	8	\$26.61	Yes	\$1,000.00	\$973.39
2844	24-Oct-12	16	9	\$27.46	Yes	\$1,000.00	\$972.54
2845	24-Oct-12	16	10	\$27.00	Yes	\$1,000.00	\$973.00
2846	24-Oct-12	16	11	\$26.61	Yes	\$1,000.00	\$973.39
2847	24-Oct-12	16	12	\$26.18	Yes	\$1,000.00	\$973.82
2848	24-Oct-12	17	1	\$26.28	Yes	\$1,000.00	\$973.72
2849	24-Oct-12	17	2	\$26.27	Yes	\$1,000.00	\$973.73
2850	24-Oct-12	17	3	\$26.55	Yes	\$1,000.00	\$973.45
2851	24-Oct-12	17	4	\$39.05	Yes	\$1,000.00	\$960.95
2852	24-Oct-12	17	5	\$39.05	Yes	\$1,000.00	\$960.95
2853	24-Oct-12	17	6	\$39.06	Yes	\$1,000.00	\$960.94
2854	24-Oct-12	17	7	\$39.06	Yes	\$1,000.00	\$960.94
2855	24-Oct-12	17	8	\$35.65	Yes	\$1,000.00	\$964.35
2856	24-Oct-12	17	9	\$39.28	Yes	\$1,000.00	\$960.72
2857	24-Oct-12	17	10	\$38.86	Yes	\$1,000.00	\$961.14
2858	24-Oct-12	17	11	\$39.29	Yes	\$1,000.00	\$960.71
2859	24-Oct-12	17	12	\$31.12	Yes	\$1,000.00	\$968.88
2860	24-Oct-12	18	1	\$33.79	Yes	\$1,000.00	\$966.21
2861	24-Oct-12	18	2	\$36.63	Yes	\$1,000.00	\$963.37
2862	24-Oct-12	18	3	\$35.42	Yes	\$1,000.00	\$964.58
2863	24-Oct-12	18	4	\$22.55	Yes	\$1,000.00	\$977.45
2864	24-Oct-12	18	5	\$22.91	Yes	\$1,000.00	\$977.09
2865	24-Oct-12	18	6	\$22.91	Yes	\$1,000.00	\$977.09
2866	24-Oct-12	18	7	\$25.55	Yes	\$1,000.00	\$974.45
2867	24-Oct-12	18	8	\$26.56	Yes	\$1,000.00	\$973.44
2868	24-Oct-12	18	9	\$27.37	Yes	\$1,000.00	\$972.63
2869	24-Oct-12	18	10	\$38.75	Yes	\$1,000.00	\$961.25
2870	24-Oct-12	18	11	\$32.21	Yes	\$1,000.00	\$967.79
2871	24-Oct-12	18	12	\$29.79	Yes	\$1,000.00	\$970.21
2872	24-Oct-12	19	1	\$25.03	Yes	\$1,000.00	\$974.97
2873	24-Oct-12	19	2	\$26.54	Yes	\$1,000.00	\$973.46
2874	24-Oct-12	19	3	\$26.83	Yes	\$1,000.00	\$973.17
2875	24-Oct-12	19	4	\$29.98	Yes	\$1,000.00	\$970.02
2876	24-Oct-12	19	5	\$32.76	Yes	\$1,000.00	\$967.24
2877	24-Oct-12	19	6	\$32.73	Yes	\$1,000.00	\$967.27

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2878	24-Oct-12	19	7	\$38.64	Yes	\$1,000.00	\$961.36
2879	24-Oct-12	19	8	\$91.23	Yes	\$1,000.00	\$908.77
2880	24-Oct-12	19	9	\$82.90	Yes	\$1,000.00	\$917.10
2881	24-Oct-12	19	10	\$64.88	Yes	\$1,000.00	\$935.12
2882	24-Oct-12	19	11	\$62.06	Yes	\$1,000.00	\$937.94
2883	24-Oct-12	19	12	\$75.97	Yes	\$1,000.00	\$924.03
2884	24-Oct-12	20	1	\$39.93	Yes	\$1,000.00	\$960.07
2885	24-Oct-12	20	2	\$39.22	Yes	\$1,000.00	\$960.78
2886	24-Oct-12	20	3	\$33.46	Yes	\$1,000.00	\$966.54
2887	24-Oct-12	20	4	\$33.63	Yes	\$1,000.00	\$966.37
2888	24-Oct-12	20	5	\$38.90	Yes	\$1,000.00	\$961.10
2889	24-Oct-12	20	6	\$39.42	Yes	\$1,000.00	\$960.58
2890	24-Oct-12	20	7	\$38.84	Yes	\$1,000.00	\$961.16
2891	24-Oct-12	20	8	\$33.61	Yes	\$1,000.00	\$966.39
2892	24-Oct-12	20	9	\$32.90	Yes	\$1,000.00	\$967.10
2893	24-Oct-12	20	10	\$32.15	Yes	\$1,000.00	\$967.85
2894	24-Oct-12	20	11	\$32.28	Yes	\$1,000.00	\$967.72
2895	24-Oct-12	20	12	\$32.99	Yes	\$1,000.00	\$967.01
2896	24-Oct-12	21	1	\$33.55	Yes	\$1,000.00	\$966.45
2897	24-Oct-12	21	2	\$33.55	Yes	\$1,000.00	\$966.45
2898	24-Oct-12	21	3	\$33.72	Yes	\$1,000.00	\$966.28
2899	24-Oct-12	21	4	\$33.63	Yes	\$1,000.00	\$966.37
2900	24-Oct-12	21	5	\$39.34	Yes	\$1,000.00	\$960.66
2901	24-Oct-12	21	6	\$33.63	Yes	\$1,000.00	\$966.37
2902	24-Oct-12	21	7	\$32.98	Yes	\$1,000.00	\$967.02
2903	24-Oct-12	21	8	\$32.63	Yes	\$1,000.00	\$967.37
2904	24-Oct-12	21	9	\$31.95	Yes	\$1,000.00	\$968.05
2905	24-Oct-12	21	10	\$29.32	Yes	\$1,000.00	\$970.68
2906	24-Oct-12	21	11	\$28.63	Yes	\$1,000.00	\$971.37
2907	24-Oct-12	21	12	\$27.71	Yes	\$1,000.00	\$972.29
2908	24-Oct-12	22	1	\$32.24	Yes	\$1,000.00	\$967.76
2909	24-Oct-12	22	2	\$32.24	Yes	\$1,000.00	\$967.76
2910	24-Oct-12	22	3	\$33.55	Yes	\$1,000.00	\$966.45
2911	24-Oct-12	22	4	\$33.55	Yes	\$1,000.00	\$966.45
2912	24-Oct-12	22	5	\$31.38	Yes	\$1,000.00	\$968.62
2913	24-Oct-12	22	6	\$29.03	Yes	\$1,000.00	\$970.97
2914	24-Oct-12	22	7	\$27.66	Yes	\$1,000.00	\$972.34
2915	24-Oct-12	22	8	\$26.80	Yes	\$1,000.00	\$973.20
2916	24-Oct-12	22	9	\$26.55	Yes	\$1,000.00	\$973.45
2917	24-Oct-12	22	10	\$26.27	Yes	\$1,000.00	\$973.73
2918	24-Oct-12	22	11	\$22.12	Yes	\$1,000.00	\$977.88
2919	24-Oct-12	22	12	\$26.35	Yes	\$1,000.00	\$973.65

## Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In October 2012, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches due to noncompetitive constraints. Table 10 shows the costs by instruction type in October. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$3,716,530. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$51,914,419. The cost saving from the exceptional dispatch bid mitigation was \$48,197,889.

**Table 10: Bid Mitigation Analysis for October**

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	19	\$51,435,996.75	\$3,361,510.04	\$48,074,486.71
TMODEL5	4	\$6,006.08	\$5,656.82	\$349.26
TMODEL6	2	\$328,907.49	\$198,748.79	\$130,158.70
TMODEL7	10	\$143,509.07	\$150,614.02	(\$7,104.95)
		\$51,914,419.39	\$3,716,529.67	\$48,197,889.72

## CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon the parties listed on the official service lists in the above-referenced proceedings, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Folsom, California this 30<sup>th</sup> day of January 2013.

*Is/ Anna Pascuzzo*

Anna Pascuzzo