

December 31, 2012

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-____
September 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 September 2012. The attached Chart 2 report also includes the price impact analysis for the month of September 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 September 2012.

Respectfully submitted,

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Exceptional Dispatch Report

Table 2: September 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 15th of each month and one issued on the 30th of each month. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in September 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 September is presented in Appendix B. This report also includes the degree of mitigation analysis for September 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 September 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 September 2012, the ISO issued exceptional dispatches for the following local area generation requirement: (1) 7620, South of Lugo generation requirements; and (2) 7630, SCE area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7320, transmission facilities in Bay Area; (4) 7430, transmission facilities in Fresno area; (5) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (6) 7820, transmission facilities in San Diego and Imperial Valley area; (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.¹

The following additional reasons for exceptional dispatch instructions in September 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; and (3) Ramp Rate, when exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in September, which are self explanatory.

¹ 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>

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.² This table contains all the information published in Table 1 of the first report for September. 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 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.³
- 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.

² 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.

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

- 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 these charge codes are a portion of the real-time instructed imbalance energy charge code (6470).⁴
- The CC6482 column shows the real-time excess cost for the classification.⁵
- The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.⁶ 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 CPM designation issued on Exceptional Dispatch for September 2012.

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

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

⁶ 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 September 2012

**California Independent System Operator Corporation
Exceptional Dispatch Report
December 30, 2012**

Chart 2: Table of Exceptional Dispatches for Period 01/September/2012 - 30/September/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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	6510	Intertie	N/A	9-Sep-12	165-186	No	DEC	2	13:25	14:59	-138.70	\$0	\$0	(\$2,525)	(146)	\$0	(\$2,128)	\$0.00	\$0	\$0
2	RT	6510	SCE	Big Creek-Ventura	4-Sep-12	83- 165	Yes	DEC	8	13:50	20:59	-81.46	\$0	\$0	(\$13,226)	0	\$0	\$0	\$0.00	\$0	\$0
3	RT	6510	SCE	Big Creek-Ventura	4-Sep-12	400-450	Yes	INC	10	11:15	20:59	3885.87	\$114,295	\$35,373	(\$107,749)	2771	(\$96,744)	\$0	\$0.00	\$0	\$0
4	RT	6510	SCE	Big Creek-Ventura	5-Sep-12	100	Yes	INC	12	12:00	23:59	1195.89	\$132,044	\$0	(\$26,130)	0	(\$1)	\$0	(\$1.87)	\$0	\$0
5	RT	6510	SCE	Big Creek-Ventura	10-Sep-12	20- 100	Yes	INC	18	6:00	23:59	3440.59	\$125,097	\$27,122	(\$97,823)	1030	(\$36,530)	\$0	(\$0.66)	\$0	\$0
6	RT	6510	SCE	Big Creek-Ventura	11-Sep-12	20- 70	Yes	INC	24	0:00	23:59	1973.93	\$107,527	\$4,434	(\$60,617)	753	(\$26,169)	\$0	(\$7.00)	\$0	\$0
7	RT	6510	SCE	Big Creek-Ventura	12-Sep-12	20- 40	Yes	INC	24	0:00	23:59	835.35	\$75,901	\$0	(\$34,863)	0	(\$6)	\$0	(\$14.89)	\$0	\$0
8	RT	6510	SCE	Big Creek-Ventura	13-Sep-12	83- 330	Yes	DEC	10	11:00	20:59	-174.44	\$0	\$0	\$1,491	0	\$0	\$0	\$0.00	\$0	\$0
9	RT	6510	SCE	Big Creek-Ventura	14-Sep-12	83- 480	Yes	DEC	11	10:00	20:59	1321.75	\$0	\$0	\$300,464	0	\$0	\$0	\$0.00	\$0	\$0
10	RT	6510	SCE	Big Creek-Ventura	14-Sep-12	42- 300	Yes	INC	11	10:00	20:59	1170.99	\$0	\$0	(\$55,147)	960	(\$34,399)	\$0	\$0.00	\$0	\$0
11	RT	6510	SCE	Big Creek-Ventura	15-Sep-12	83- 165	Yes	DEC	7	14:00	20:59	-102.88	\$0	\$0	\$2,594	0	\$0	\$0	\$0.00	\$0	\$0
12	RT	6510	SCE	Big Creek-Ventura	15-Sep-12	100-400	Yes	INC	14	10:00	23:59	8683.05	\$275,247	\$0	(\$275,796)	6005	(\$205,066)	\$0	\$0.00	\$0	\$0
13	RT	6510	SCE	Big Creek-Ventura	16-Sep-12	100	Yes	INC	24	0:00	23:59	2538.11	\$267,808	\$0	(\$57,828)	0	(\$1)	\$0	(\$1.24)	\$0	\$0
14	RT	6510	SCE	Big Creek-Ventura	20-Sep-12	83- 150	Yes	DEC	4	14:00	17:59	-29.56	\$0	\$0	\$801	0	\$0	\$0	\$0.00	\$0	\$0
15	RT	6510	SCE	Big Creek-Ventura	24-Sep-12	83- 151	Yes	DEC	9	12:00	20:59	-76.82	\$0	\$0	\$1,984	0	\$0	\$0	\$0.00	\$0	\$0
16	RT	6510	SCE	Big Creek-Ventura	28-Sep-12	195	No	DEC	1	16:50	16:54	-35.29	\$0	\$0	\$1,054	0	\$0	\$0	\$0.00	\$0	\$0
17	RT	6510	SCE	Big Creek-Ventura	30-Sep-12	129-250	Yes	DEC	5	16:23	20:59	-211.70	\$0	\$0	\$10,229	0	\$0	\$0	\$0.00	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
18	RT	6510	SCE	Big Creek-Ventura	30-Sep-12	55- 116	Yes	INC	5	16:45	20:59	482.07	\$0	\$0	(\$117,866)	189	(\$10,109)	\$0	\$0.00	\$0	\$0
19	RT	6510	SCE	LA Basin	1-Sep-12	75	Yes	INC	24	0:00	23:59	1806.77	\$189,881	\$0	(\$33,878)	241	(\$4,544)	\$0	(\$3,878.03)	\$0	\$0
20	RT	6510	SCE	LA Basin	4-Sep-12	88	No	DEC	10	11:25	20:59	-1.20	\$0	\$0	\$67	0	\$0	\$0	\$0.00	\$0	\$0
21	RT	6510	SCE	LA Basin	4-Sep-12	332-502	Yes	INC	10	11:15	20:59	5153.89	\$96,440	\$0	(\$406,822)	3423	(\$198,034)	\$0	\$0.00	\$0	\$0
22	RT	6510	SCE	LA Basin	5-Sep-12	20- 80	Yes	INC	24	0:00	23:59	1147.96	\$145,976	\$16,632	(\$26,380)	1	(\$13)	\$0	(\$10.44)	\$0	\$0
23	RT	6510	SCE	LA Basin	6-Sep-12	50	Yes	INC	24	0:00	23:59	1201.31	\$150,144	\$0	(\$27,548)	0	(\$11)	\$0	(\$3.33)	\$0	\$0
24	RT	6510	SCE	LA Basin	9-Sep-12	0- 84	Yes	DEC	8	13:22	20:59	53.48	\$0	\$0	(\$71,831)	0	\$0	\$0	\$0.00	\$0	\$0
25	RT	6510	SCE	LA Basin	9-Sep-12	25- 247	Yes	INC	11	13:10	23:59	2133.76	\$33,215	\$0	(\$819,621)	255	(\$21,809)	\$0	(\$916.97)	\$0	\$0
26	RT	6510	SCE	LA Basin	10-Sep-12	197-604	Yes	DEC	15	7:20	21:59	-521.99	\$0	\$0	\$22,035	0	\$0	\$0	\$0.00	\$0	\$0
27	RT	6510	SCE	LA Basin	10-Sep-12	25- 402	Yes	INC	24	0:00	23:59	11607.24	\$365,542	\$31,750	(\$615,225)	2566	(\$104,926)	\$0	(\$1.57)	\$0	\$0
28	RT	6510	SCE	LA Basin	11-Sep-12	87- 426	No	DEC	14	7:30	20:59	1252.69	\$0	\$0	\$29,845	0	\$0	\$0	\$0.00	\$0	\$0
29	RT	6510	SCE	LA Basin	11-Sep-12	50- 427	Yes	INC	24	0:00	23:59	9822.31	\$323,687	\$0	(\$421,236)	7044	(\$301,601)	\$0	(\$20.00)	\$0	\$0
30	RT	6510	SCE	LA Basin	12-Sep-12	70- 90	Yes	INC	24	0:00	23:59	2587.86	\$279,353	\$0	(\$193,776)	1	(\$37)	\$0	(\$292.54)	\$0	\$0
31	RT	6510	SCE	LA Basin	13-Sep-12	506-1609	Yes	DEC	11	10:00	20:59	2581.48	\$0	\$0	\$72,183	0	\$0	\$0	\$0.00	\$0	\$0
32	RT	6510	SCE	LA Basin	13-Sep-12	10- 674	Yes	INC	14	10:00	23:59	4033.60	\$33,038	\$15,602	(\$157,998)	2534	(\$109,153)	\$0	\$0.00	\$0	\$0
33	RT	6510	SCE	LA Basin	14-Sep-12	329-2392	Yes	DEC	12	9:05	20:59	6891.38	\$0	\$0	\$795,120	0	\$0	\$0	\$0.00	\$0	\$0
34	RT	6510	SCE	LA Basin	14-Sep-12	546	Yes	INC	12	9:05	20:59	687.77	\$9,315	\$22	(\$39,317)	616	(\$31,385)	\$0	\$0.00	\$0	\$0
35	RT	6510	SCE	LA Basin	15-Sep-12	263-1905	Yes	DEC	12	10:10	21:29	5655.91	\$0	\$0	\$173,086	0	\$0	\$0	\$0.00	\$0	\$0
36	RT	6510	SCE	LA Basin	15-Sep-12	103-522	Yes	INC	11	10:10	20:59	930.88	\$6,231	\$0	(\$35,514)	898	(\$34,600)	\$0	\$0.00	\$0	\$0
37	RT	6510	SCE	LA Basin	16-Sep-12	25- 50	Yes	INC	5	9:00	13:59	212.31	\$0	\$0	(\$4,780)	0	(\$2)	\$0	(\$1.90)	\$0	\$0
38	RT	6510	SCE	LA Basin	19-Sep-12	25- 332	Yes	INC	23	0:00	22:59	2603.19	\$126,795	\$0	(\$85,696)	1562	(\$58,395)	\$0	\$0.00	\$0	\$0
39	RT	6510	SCE	LA Basin	20-Sep-12	202-1284	Yes	DEC	9	12:00	20:59	1456.54	\$0	\$0	\$47,557	0	\$0	\$0	\$0.00	\$0	\$0
40	RT	6510	SCE	LA Basin	20-Sep-12	25- 71	Yes	INC	11	9:00	19:59	1314.48	\$54,308	\$21,208	(\$47,208)	655	(\$24,296)	\$0	\$0.00	\$0	\$0
41	RT	6510	SCE	LA Basin	21-Sep-12	308-838	Yes	DEC	10	11:00	20:59	-584.74	\$0	\$0	\$19,378	0	\$0	\$0	\$0.00	\$0	\$0
42	RT	6510	SCE	LA Basin	21-Sep-12	20- 166	Yes	INC	21	0:00	20:59	4168.09	\$144,202	\$0	(\$155,02)	1567	(\$58,72)	\$0	\$0.00	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
															7)		8)				
43	RT	6510	SCE	LA Basin	22-Sep-12	70- 381	Yes	INC	24	0:00	23:59	13084.45	\$148,736	\$0	(\$753,399)	894	(\$61,113)	\$0	\$0.00	\$0	\$0
44	RT	6510	SCE	LA Basin	23-Sep-12	190-331	Yes	INC	9	12:55	20:59	3643.89	\$68,137	\$0	(\$160,773)	1696	(\$73,853)	\$0	\$0.00	\$0	\$0
45	RT	6510	SCE	LA Basin	24-Sep-12	151-987	Yes	DEC	15	7:20	21:59	4513.00	\$0	\$0	\$143,491	0	\$0	\$0	\$0.00	\$0	\$0
46	RT	6510	SCE	LA Basin	24-Sep-12	25- 415	Yes	INC	18	6:00	23:59	3345.16	\$91,708	\$11,709	(\$116,008)	2297	(\$84,831)	\$0	\$0.00	\$0	\$0
47	RT	6510	SCE	LA Basin	26-Sep-12	172-258	No	DEC	14	6:00	19:59	2805.99	\$0	\$0	\$103,271	0	\$0	\$0	\$0.00	\$0	\$0
48	RT	6510	SCE	LA Basin	26-Sep-12	40- 170	No	INC	14	6:00	19:59	175.79	\$0	\$0	(\$5,692)	183	(\$5,895)	\$0	\$0.00	\$0	\$0
49	RT	6510	SCE	LA Basin	27-Sep-12	87-1075	Yes	DEC	13	7:05	19:59	3769.04	\$0	\$0	\$112,053	0	\$0	\$0	\$0.00	\$0	\$0
50	RT	6510	SCE	LA Basin	27-Sep-12	45- 144	Yes	INC	13	7:05	19:59	133.38	\$0	\$0	(\$5,136)	138	(\$5,263)	\$0	\$0.00	\$0	\$0
51	RT	6510	SCE	LA Basin	28-Sep-12	186-258	No	DEC	11	9:00	19:59	2566.49	\$0	\$0	\$82,635	0	\$0	\$0	\$0.00	\$0	\$0
52	RT	6510	SCE	LA Basin	29-Sep-12	882-1244	No	DEC	7	14:00	20:59	5296.91	\$0	\$0	\$121,144	0	\$0	\$0	\$0.00	\$0	\$0
53	RT	6510	SCE	LA Basin	29-Sep-12	35- 346	Yes	INC	15	9:00	23:59	5296.55	\$216,663	\$26,119	(\$224,621)	3316	(\$140,182)	\$0	(\$138.59)	\$0	\$0
54	RT	6510	SCE	LA Basin	30-Sep-12	195-1742	Yes	DEC	9	12:00	20:59	2326.88	\$0	\$0	(\$11,369)	0	\$0	\$0	\$0.00	\$0	\$0
55	RT	6510	SCE	LA Basin	30-Sep-12	45	No	INC	8	13:00	20:59	87.24	\$0	\$0	(\$3,686)	73	(\$3,044)	\$0	\$0.00	\$0	\$0
56	RT	6510	SDG&E	San Diego	4-Sep-12	63	No	INC	10	11:15	20:59	-271.52	\$2,180	\$0	\$16,767	0	\$0	\$0	\$0.00	\$0	\$0
57	RT	6510	SDG&E	San Diego	9-Sep-12	20- 500	No	INC	24	0:00	23:59	2338.07	\$81,293	\$0	(\$706,644)	107	(\$3,958)	\$0	(\$698.72)	\$0	\$0
58	RT	6510	SDG&E	San Diego	10-Sep-12	20- 317	Yes	INC	24	0:00	23:59	3044.47	\$216,570	\$398	(\$124,862)	25	(\$712)	\$0	(\$3.53)	(\$204)	\$0
59	RT	6510	SDG&E	San Diego	11-Sep-12	60- 191	Yes	INC	24	0:00	23:59	2380.31	\$231,894	\$0	(\$66,343)	1	(\$33)	\$0	(\$9.90)	\$0	\$0
60	RT	6510	SDG&E	San Diego	12-Sep-12	60- 123	Yes	INC	24	0:00	23:59	1574.82	\$109,633	\$0	(\$80,742)	1	(\$15)	\$0	(\$12.86)	\$0	\$0
61	RT	6510	SDG&E	San Diego	13-Sep-12	40- 171	Yes	INC	13	11:05	23:59	-23.67	\$17,836	\$0	(\$915)	0	(\$1)	\$0	(\$3.73)	\$0	\$0
62	RT	6510	SDG&E	San Diego	14-Sep-12	63- 74	Yes	INC	10	11:00	20:59	-311.28	\$0	\$0	\$8,967	0	\$0	\$0	\$0.00	\$0	\$0
63	RT	6510	SDG&E	San Diego	15-Sep-12	131	No	INC	10	12:30	21:29	-576.54	\$7,768	\$0	\$11,507	0	(\$0)	\$0	\$0.00	\$0	\$0
64	RT	6510	SDG&E	San Diego	19-Sep-12	20- 40	Yes	INC	24	0:00	23:59	818.77	\$59,307	\$0	(\$32,843)	0	\$0	\$0	\$0.00	\$0	\$0
65	RT	6510	SDG&E	San Diego	20-Sep-12	40- 171	Yes	INC	24	0:00	23:59	2452.47	\$157,544	\$0	(\$129,258)	0	\$0	\$0	\$0.00	\$0	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
66	RT	6510	SDG&E	San Diego	21-Sep-12	40- 171	Yes	INC	24	0:00	23:59	1118.03	\$69,748	\$1,358	(\$35,951)	0	\$0	\$0	\$0.00	\$0	\$0
67	RT	6510	SDG&E	San Diego	24-Sep-12	131	No	INC	15	7:10	21:59	-256.45	\$20,625	\$0	(\$8,549)	0	(\$4)	\$0	\$0.00	\$0	\$0
68	RT	6510	SDG&E	San Diego	25-Sep-12	20	Yes	INC	24	0:00	23:59	738.35	\$36,109	\$0	(\$63,989)	8	(\$207)	\$0	(\$127.73)	\$0	\$0
69	RT	6510	SDG&E	San Diego	27-Sep-12	131	No	INC	13	7:10	19:59	-246.96	\$13,088	\$0	\$8,608	0	(\$5)	\$0	\$0.00	\$0	\$0
70	RT	6510	SDG&E	San Diego	28-Sep-12	131	No	INC	13	7:00	19:59	-148.05	\$42,118	\$0	(\$5,100)	0	(\$1)	\$0	(\$0.37)	\$0	\$0
71	RT	7110	PG&E	Humboldt	25-Sep-12	29	No	INC	3	8:00	10:59	75.06	\$1,000	\$0	(\$2,587)	31	(\$960)	\$0	\$0.00	(\$251)	\$0
72	RT	7320	PG&E	Fresno	17-Sep-12	10	No	INC	9	11:45	19:59	-34.39	\$0	\$0	\$873	0	\$0	\$0	\$0.00	\$0	\$0
73	RT	7430	PG&E	Fresno	1-Sep-12	1- 152	No	DEC	15	9:05	23:59	-773.32	\$0	\$0	\$14,966	0	\$0	\$0	\$0.00	\$0	\$0
74	RT	7430	PG&E	Fresno	1-Sep-12	99	No	INC	18	6:20	23:59	287.70	\$0	\$0	(\$5,485)	297	(\$5,669)	\$0	\$0.00	(\$2,105)	\$0
75	RT	7430	PG&E	Fresno	2-Sep-12	60	Yes	DEC	3	20:20	22:59	-96.27	\$0	\$0	\$2,269	0	\$0	\$0	\$0.00	\$0	\$0
76	RT	7430	PG&E	Fresno	2-Sep-12	83- 93	Yes	INC	4	20:20	23:59	229.07	\$19,377	\$0	(\$4,665)	9	(\$204)	\$0	\$0.00	(\$56)	\$0
77	RT	7430	PG&E	Fresno	3-Sep-12	83	Yes	INC	24	0:00	23:59	124.46	\$3,773	\$0	(\$3,083)	23	(\$579)	\$0	\$0.00	(\$69)	\$0
78	RT	7430	PG&E	Fresno	4-Sep-12	9- 87	Yes	DEC	11	12:20	22:59	-186.31	\$0	\$0	\$4,496	0	\$0	\$0	\$0.00	\$0	\$0
79	RT	7430	PG&E	Fresno	4-Sep-12	30- 166	Yes	INC	24	0:00	23:59	305.97	\$1,672	\$0	(\$7,289)	223	(\$5,273)	\$0	\$0.00	(\$1,128)	\$0
80	RT	7430	PG&E	Fresno	5-Sep-12	3- 113	Yes	DEC	12	11:10	22:59	-738.90	\$0	\$0	\$16,904	0	\$0	\$0	\$0.00	\$0	\$0
81	RT	7430	PG&E	Fresno	5-Sep-12	2- 263	Yes	INC	24	0:00	23:54	1938.42	\$35,515	\$1,074	(\$47,708)	1177	(\$26,585)	\$0	\$0.00	(\$10,063)	\$0
82	RT	7430	PG&E	Fresno	6-Sep-12	15- 195	Yes	DEC	13	11:07	23:59	1580.60	\$0	\$0	\$39,461	0	(\$1)	\$0	\$0.00	(\$0)	\$0
83	RT	7430	PG&E	Fresno	6-Sep-12	10- 221	Yes	INC	20	4:50	23:59	867.26	\$16,773	\$1,071	(\$21,019)	638	(\$15,064)	\$0	\$0.00	(\$4,453)	\$0
84	RT	7430	PG&E	Fresno	7-Sep-12	3- 175	Yes	DEC	6	17:35	22:59	-178.43	\$0	\$0	\$4,756	0	(\$10)	\$0	\$0.00	(\$4)	\$0
85	RT	7430	PG&E	Fresno	7-Sep-12	200	Yes	INC	7	17:35	23:58	544.29	\$5,308	\$0	(\$24,429)	306	(\$7,966)	\$0	\$0.00	(\$3,885)	\$0
86	RT	7430	PG&E	Fresno	8-Sep-12	10- 211	Yes	DEC	11	11:55	21:59	-650.58	\$0	\$0	\$15,557	20	(\$485)	\$0	\$0.00	(\$190)	\$0
87	RT	7430	PG&E	Fresno	8-Sep-12	5- 369	Yes	INC	24	0:00	23:19	2540.49	\$30,922	\$3,167	(\$96,665)	986	(\$25,704)	\$0	\$0.00	(\$6,788)	\$0
88	RT	7430	PG&E	Fresno	9-Sep-12	10- 108	No	DEC	6	13:15	18:59	-89.69	\$0	\$0	\$1,880	0	\$0	\$0	\$0.00	\$0	\$0
89	RT	7430	PG&E	Fresno	9-Sep-12	108- 389	Yes	INC	11	12:15	22:59	2844.57	\$43,624	\$2,082	(\$133,771)	1148	(\$31,132)	\$0	\$0.00	(\$10,636)	\$0
90	RT	7430	PG&E	Fresno	10-Sep-12	44- 94	No	DEC	6	16:05	21:59	-38.56	\$0	\$0	\$1,071	0	\$0	\$0	\$0.00	\$0	\$0
91	RT	7430	PG&E	Fresno	10-Sep-12	40- 120	No	INC	22	2:17	23:59	476.90	\$0	\$0	(\$12,652)	243	(\$5,942)	\$0	\$0.00	(\$1,813)	\$0
92	RT	7430	PG&E	Fresno	11-Sep-12	3- 157	Yes	DEC	9	13:15	21:59	-868.95	\$0	\$0	\$21,111	0	(\$7)	\$0	\$0.00	(\$2)	\$0
93	RT	7430	PG&E	Fresno	11-Sep-12	31- 366	Yes	INC	12	11:29	22:59	1231.21	\$32,549	\$905	(\$28,366)	702	(\$16,498)	\$0	\$0.00	(\$5,552)	\$0
94	RT	7430	PG&E	Fresno	12-Sep-12	100	Yes	INC	18	6:00	23:29	134.13	\$0	\$0	(\$3,720)	18	(\$446)	\$0	\$0.00	(\$129)	\$0
95	RT	7430	PG&E	Fresno	13-Sep-12	15- 151	Yes	DEC	15	8:50	22:16	-296.38	\$0	\$0	\$7,417	0	\$0	\$0	\$0.00	\$0	\$0
96	RT	7430	PG&E	Fresno	13-Sep-12	6- 83	Yes	INC	16	8:00	23:29	205.70	\$55,124	\$0	(\$5,557)	90	(\$2,251)	\$0	\$0.00	(\$411)	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
97	RT	7430	PG&E	Fresno	14-Sep-12	17- 184	Yes	DEC	14	10:20	23:59	-709.81	\$0	\$0	\$18,508	0	(\$3)	\$0	\$0.00	\$0	\$0
98	RT	7430	PG&E	Fresno	14-Sep-12	1- 224	Yes	INC	4	20:46	23:59	727.21	\$28,918	\$0	(\$19,082)	241	(\$5,582)	\$0	\$0.00	(\$1,960)	\$0
99	RT	7430	PG&E	Fresno	15-Sep-12	1- 246	Yes	DEC	11	12:18	22:59	1028.99	\$0	\$0	\$25,808	0	(\$4)	\$0	\$0.00	\$0	\$0
100	RT	7430	PG&E	Fresno	15-Sep-12	74	Yes	INC	13	11:49	23:24	118.14	\$0	\$0	(\$3,452)	78	(\$2,019)	\$0	\$0.00	(\$465)	\$0
101	RT	7430	PG&E	Fresno	16-Sep-12	19- 98	No	DEC	7	14:10	20:59	-237.28	\$0	\$0	\$5,976	5	(\$137)	\$0	\$0.00	(\$30)	\$0
102	RT	7430	PG&E	Fresno	16-Sep-12	6- 96	No	INC	9	14:10	22:59	326.43	\$0	\$0	(\$7,286)	349	(\$7,850)	\$0	\$0.00	(\$3,306)	\$0
103	RT	7430	PG&E	Fresno	17-Sep-12	7- 60	Yes	DEC	10	13:50	22:59	-150.96	\$0	\$0	\$3,958	0	\$0	\$0	\$0.00	\$0	\$0
104	RT	7430	PG&E	Fresno	17-Sep-12	100- 170	Yes	INC	9	14:50	22:59	328.14	\$3,937	\$0	(\$8,983)	275	(\$7,269)	\$0	\$0.00	(\$3,385)	\$0
105	RT	7430	PG&E	Fresno	18-Sep-12	15- 125	Yes	INC	12	11:45	22:59	246.23	\$12,807	\$0	(\$4,810)	83	(\$1,628)	\$0	\$0.00	(\$935)	\$0
106	RT	7430	PG&E	Fresno	19-Sep-12	86	No	DEC	1	20:55	20:59	-6.34	\$0	\$0	\$154	0	\$0	\$0	\$0.00	\$0	\$0
107	RT	7430	PG&E	Fresno	19-Sep-12	100	No	INC	1	21:00	21:59	92.60	\$0	\$0	(\$2,169)	17	(\$393)	\$0	\$0.00	(\$119)	\$0
108	RT	7430	PG&E	Fresno	21-Sep-12	0	Yes	INC	2	4:53	5:09	-105.37	\$0	\$0	\$2,776	0	\$0	\$0	\$0.00	\$0	\$0
109	RT	7430	PG&E	Fresno	24-Sep-12	77- 90	Yes	DEC	5	12:25	16:59	-114.61	\$0	\$0	\$3,294	0	\$0	\$0	\$0.00	\$0	\$0
110	RT	7430	PG&E	Fresno	24-Sep-12	83	Yes	INC	2	12:25	13:59	41.75	\$1,575	\$1,000	(\$1,113)	0	\$0	\$0	\$0.00	\$0	\$0
111	RT	7430	PG&E	Fresno	26-Sep-12	49- 59	No	INC	3	21:38	23:59	156.22	\$0	\$0	(\$4,519)	127	(\$3,597)	\$0	\$0.00	(\$462)	\$0
112	RT	7430	PG&E	Fresno	29-Sep-12	10	No	INC	3	14:15	16:59	0.97	\$0	\$0	(\$11)	0	\$0	\$0	\$0.00	\$0	\$0
113	RT	7430	PG&E	N/A	8-Sep-12	9	No	INC	1	6:45	6:59	2.09	\$0	\$0	(\$44)	2	(\$38)	\$0	\$0.00	\$0	\$0
114	RT	7430	PG&E	Sierra	12-Sep-12	12	No	INC	11	7:35	17:59	-0.46	\$0	\$0	\$16	(0)	\$0	\$2	\$0.00	(\$1)	\$0
115	RT	7430	SCE	LA Basin	1-Sep-12	0	No	INC	1	14:35	14:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
116	RT	7620	SCE	N/A	7-Sep-12	69- 132	No	DEC	3	19:37	21:19	-31.94	\$0	\$0	\$486	(29)	\$0	\$389	\$0.00	\$0	\$0
117	RT	7620	SCE	N/A	7-Sep-12	1	No	INC	3	19:37	21:19	-0.73	\$0	\$0	\$148	0	\$0	\$0	\$0.00	\$0	\$0
118	RT	7630	SCE	LA Basin	25-Sep-12	260- 307	Yes	INC	4	8:45	11:29	684.93	\$25,685	\$3,445	(\$48,324)	134	(\$4,795)	\$0	(\$372.04)	(\$1,135)	\$0
119	RT	7720	SCE	N/A	12-Sep-12	63	No	DEC	7	14:46	20:59	-223.92	\$0	\$0	\$21,874	(159)	\$0	\$20,559	\$0.00	(\$15,851)	\$0
120	RT	7720	SCE	N/A	12-Sep-12	10	No	INC	6	15:15	20:59	13.73	\$0	\$0	(\$478)	0	\$0	\$0	\$0.00	\$0	\$0
121	RT	7720	SCE	N/A	13-Sep-12	56	No	DEC	5	16:40	20:59	-322.45	\$0	\$0	\$8,710	(105)	\$0	\$3,334	\$0.00	(\$236)	\$0
122	RT	7720	SCE	N/A	28-Sep-12	11- 58	No	DEC	11	13:30	23:29	-302.99	\$0	\$0	\$2,991	(48)	\$0	\$63	\$0.00	(\$46)	\$0
123	RT	7720	SCE	N/A	28-Sep-12	0- 38	No	INC	12	12:35	23:29	4.27	\$0	\$0	\$1,582	0	\$0	\$0	\$0.00	\$0	\$0
124	RT	7720	SCE	N/A	29-Sep-12	30- 58	No	DEC	11	11:50	21:59	-261.93	\$0	\$0	\$680	(31)	\$0	\$848	\$0.00	(\$26)	\$0
125	RT	7720	SCE	N/A	29-Sep-12	1- 23	No	INC	11	11:23	21:59	19.04	\$0	\$0	(\$219)	0	\$0	\$0	\$0.00	\$0	\$0
126	RT	7720	SCE	N/A	30-Sep-12	12- 215	No	DEC	10	10:20	19:59	1566.14	\$0	\$0	\$40,984	(1345)	\$0	\$44,831	\$0.00	(\$97,277)	\$0
127	RT	7820	PG&E	Fresno	8-Sep-12	50	No	INC	2	2:10	3:29	111.37	\$0	\$0	(\$2,902)	105	(\$2,720)	\$0	\$0.00	(\$632)	\$0
128	RT	7820	SDG&E	N/A	28-Sep-12	310	No	INC	1	7:43	7:59	-7.14	\$0	\$0	\$75	(1)	\$0	\$27	\$0.00	\$0	\$0
129	RT	7820	SDG&E	San Diego	10-Sep-12	140	Yes	INC	1	8:10	8:59	70.69	\$2,973	\$0	(\$1,934)	27	(\$713)	\$0	\$0.00	(\$255)	\$0
130	RT	7820	SDG&E	San Diego	25-Sep-12	132- 955	Yes	INC	14	8:37	21:59	484.78	\$18,453	\$0	(\$108,460)	89	(\$16,016)	\$0	(\$389.28)	\$0	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
131	RT	7830	SDG&E	San Diego	4-Sep-12	30- 100	Yes	INC	6	14:55	19:59	904.54	\$31,532	\$2,016	(\$132,297)	443	(\$28,598)	\$0	\$0.00	(\$18,045)	\$0
132	RT	7830	SDG&E	San Diego	10-Sep-12	2	Yes	DEC	1	11:00	11:59	3.78	\$0	\$0	(\$294)	0	\$0	\$0	\$0.00	\$0	\$0
133	RT	7830	SDG&E	San Diego	10-Sep-12	89	Yes	INC	2	9:32	10:59	147.27	\$0	\$0	(\$6,333)	1	(\$1,503)	\$0	\$0.00	\$0	\$0
134	RT	7830	SDG&E	San Diego	14-Sep-12	14- 30	Yes	INC	6	15:00	20:59	89.73	\$7,291	\$122	(\$19,992)	15	(\$222)	\$0	\$0.00	(\$533)	\$0
135	RT	7830	SDG&E	San Diego	17-Sep-12	21	Yes	DEC	1	14:00	14:59	-39.86	\$0	\$0	\$1,043	0	\$0	\$0	\$0.00	\$0	\$0
136	RT	8710	SDG&E	San Diego	1-Sep-12	60	Yes	INC	24	0:00	23:59	1447.27	\$107,201	\$0	(\$27,028)	0	\$0	\$0	\$0.00	\$0	\$0
137	RT	8710	SDG&E	San Diego	3-Sep-12	20- 88	No	INC	20	4:00	23:59	962.78	\$55,716	\$0	(\$97,418)	9	(\$350)	\$0	\$0.00	\$0	\$0
138	RT	8710	SDG&E	San Diego	5-Sep-12	40	Yes	INC	24	0:00	23:59	976.35	\$63,692	\$3,890	(\$22,364)	0	(\$11)	\$0	(\$7.26)	\$0	\$0
139	RT	8710	SDG&E	San Diego	6-Sep-12	60	Yes	INC	24	0:00	23:59	1465.81	\$107,452	\$0	(\$38,236)	1	(\$22)	\$0	(\$6.27)	\$0	\$0
140	RT	8710	SDG&E	San Diego	16-Sep-12	40	Yes	INC	24	0:00	23:59	960.48	\$71,343	\$0	(\$21,999)	0	(\$11)	\$0	(\$6.44)	\$0	\$0
141	RT	8710	SDG&E	San Diego	26-Sep-12	68	No	INC	14	6:00	19:59	64.46	\$18,391	\$0	(\$1,277)	0	\$0	\$0	\$0.00	\$0	\$0
142	RT	Bridging Schedules	SCE	LA Basin	10-Sep-12	20	Yes	INC	1	23:00	23:59	21.92	\$0	\$0	(\$624)	0	\$0	\$0	\$0.00	\$0	\$0
143	RT	Bridging Schedules	SCE	LA Basin	11-Sep-12	40- 200	Yes	INC	3	21:00	23:59	387.23	\$0	\$0	(\$8,123)	0	(\$2)	\$0	\$0.00	\$0	\$0
144	RT	Bridging Schedules	SCE	LA Basin	12-Sep-12	20	Yes	INC	10	0:00	9:59	213.44	\$13,822	\$0	(\$6,032)	0	(\$4)	\$0	\$0.00	\$0	\$0
145	RT	Bridging Schedules	SCE	LA Basin	14-Sep-12	10	Yes	INC	3	21:00	23:59	30.87	\$9,315	\$0	(\$841)	0	\$0	\$0	\$0.00	\$0	\$0
146	RT	Bridging Schedules	SCE	LA Basin	16-Sep-12	50	Yes	INC	2	22:00	23:59	95.36	\$12,512	\$0	(\$1,897)	0	(\$2)	\$0	\$0.00	\$0	\$0
147	RT	Bridging Schedules	SCE	LA Basin	17-Sep-12	70	Yes	INC	1	23:00	23:59	70.94	\$5,312	\$0	(\$1,869)	0	(\$0)	\$0	\$0.00	\$0	\$0
148	RT	Bridging Schedules	SCE	LA Basin	18-Sep-12	25	Yes	INC	3	21:00	23:59	76.41	\$9,222	\$0	(\$1,366)	0	\$0	\$0	\$0.00	\$0	\$0
149	RT	Bridging Schedules	SCE	LA Basin	20-Sep-12	70	Yes	INC	2	22:00	23:59	215.83	\$10,624	\$0	(\$5,392)	0	\$0	\$0	\$0.00	\$0	\$0
150	RT	Bridging Schedules	SCE	LA Basin	21-Sep-12	70	Yes	INC	2	22:00	23:59	200.56	\$10,624	\$0	(\$5,394)	0	\$0	\$0	\$0.00	\$0	\$0
151	RT	Bridging Schedules	SCE	LA Basin	24-Sep-12	70	Yes	INC	1	23:00	23:59	71.93	\$5,312	\$0	(\$1,333)	0	(\$0)	\$0	\$0.00	\$0	\$0
152	RT	Bridging Schedules	SCE	LA Basin	25-Sep-12	230	Yes	INC	1	23:00	23:59	328.86	\$13,654	\$0	(\$458)	0	(\$0)	\$0	\$0.00	\$0	\$0
153	RT	Bridging Schedules	SCE	LA Basin	26-Sep-12	230	No	INC	1	23:00	23:59	279.27	\$5,777	\$0	(\$7,284)	0	\$0	\$0	\$0.00	\$0	\$0
154	RT	Bridging Schedules	SCE	LA Basin	27-Sep-12	70- 110	Yes	INC	2	22:00	23:59	312.73	\$10,624	\$0	(\$8,331)	0	\$0	\$0	\$0.00	\$0	\$0
155	RT	Bridging Schedules	SCE	LA Basin	28-Sep-12	70	No	INC	2	22:00	23:59	231.51	\$0	\$0	(\$6,620)	0	(\$0)	\$0	\$0.00	\$0	\$0
156	RT	Bridging Schedules	SDG&E	San Diego	5-Sep-12	20	Yes	INC	5	19:00	23:59	101.63	\$7,340	\$0	(\$2,392)	0	(\$2)	\$0	\$0.00	\$0	\$0
157	RT	Bridging Schedules	SDG&E	San Diego	13-Sep-12	20	Yes	INC	6	18:00	23:59	122.39	\$9,027	\$0	(\$1,035)	0	(\$0)	\$0	(\$1.89)	\$0	\$0
158	RT	Bridging Schedules	SDG&E	San Diego	14-Sep-12	60	Yes	INC	3	21:00	23:59	192.80	\$13,431	\$0	(\$5,159)	0	\$0	\$0	\$0.00	\$0	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
159	RT	Bridging Schedules	SDG&E	San Diego	15-Sep-12	40- 60	Yes	INC	3	21:00	23:59	210.06	\$11,927	\$0	(\$5,253)	0	\$0	\$0	\$0.00	\$0	\$0
160	RT	Bridging Schedules	SDG&E	San Diego	20-Sep-12	20	No	INC	2	22:00	23:59	75.27	\$819	\$0	(\$1,720)	0	\$0	\$0	\$0.00	\$0	\$0
161	RT	Bridging Schedules	SDG&E	San Diego	22-Sep-12	20- 40	Yes	INC	4	20:00	23:59	141.19	\$10,422	\$0	(\$4,008)	0	(\$3)	\$0	\$0.00	\$0	\$0
162	RT	Bridging Schedules	SDG&E	San Diego	23-Sep-12	20	Yes	INC	3	21:00	23:59	197.17	\$4,514	\$0	(\$6,688)	0	(\$1)	\$0	\$0.00	\$0	\$0
163	RT	Bridging Schedules	SDG&E	San Diego	24-Sep-12	20- 60	Yes	INC	6	18:00	23:59	251.93	\$19,413	\$0	(\$6,086)	0	(\$5)	\$0	\$0.00	\$0	\$0
164	RT	Bridging Schedules	SDG&E	San Diego	25-Sep-12	40- 60	Yes	INC	3	21:00	23:59	167.23	\$13,110	\$0	(\$2,563)	0	(\$3)	\$0	\$0.00	\$0	\$0
165	RT	Bridging Schedules	SDG&E	San Diego	26-Sep-12	20	Yes	INC	4	20:00	23:59	78.40	\$5,872	\$0	(\$2,123)	0	\$0	\$0	\$0.00	\$0	\$0
166	RT	Bridging Schedules	SDG&E	San Diego	27-Sep-12	20- 40	Yes	INC	4	20:00	23:59	145.84	\$10,386	\$0	(\$4,224)	0	\$0	\$0	\$0.00	\$0	\$0
167	RT	Bridging Schedules	SDG&E	San Diego	28-Sep-12	20- 60	Yes	INC	7	17:00	23:59	247.79	\$17,909	\$0	(\$5,281)	0	(\$5)	\$0	\$0.00	\$0	\$0
168	RT	Bridging Schedules	SDG&E	San Diego	29-Sep-12	20	Yes	INC	4	20:00	23:59	94.97	\$7,096	\$0	(\$2,206)	0	(\$1)	\$0	(\$1.03)	\$0	\$0
169	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	4-Sep-12	20- 60	Yes	INC	17	7:00	23:59	1763.72	\$70,203	\$3,566	(\$270,599)	0	(\$17)	\$0	(\$3.53)	\$0	\$0
170	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	28-Sep-12	200	No	INC	4	11:40	14:59	-84.63	\$19,248	\$0	(\$2,234)	0	\$0	\$0	\$0.00	\$0	\$0
171	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	29-Sep-12	40	Yes	INC	24	0:00	23:59	993.83	\$74,725	\$0	(\$20,140)	0	(\$10)	\$0	(\$11.06)	\$0	\$0
172	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	30-Sep-12	60	Yes	INC	24	0:00	23:59	1918.96	\$107,452	\$0	(\$110,715)	0	\$0	\$0	\$0.00	\$0	\$0
173	RT	Contingency	Intertie	N/A	9-Sep-12	200	No	DEC	9	10:15	18:03	-344.58	\$0	\$0	\$4,903	(215)	\$0	\$3,332	\$0.00	\$0	\$0
174	RT	Contingency	Intertie	N/A	9-Sep-12	395	No	INC	1	10:09	10:15	71.43	\$0	\$0	(\$1,842)	33	(\$896)	\$0	(\$130.43)	\$0	\$0
175	RT	Contingency	PG&E	Fresno	9-Sep-12	166-800	Yes	INC	2	10:01	11:14	384.63	\$6,474	\$615	(\$18,605)	119	(\$3,640)	\$0	(\$826.06)	\$0	\$0
176	RT	Contingency	SDG&E	San Diego	9-Sep-12	46	No	INC	2	17:05	18:15	61.14	\$4,765	\$320	(\$51,184)	42	(\$44,310)	\$0	(\$45.02)	\$0	\$0
177	RT	Generation Outage	SDG&E	San Diego	3-Sep-12	65	No	INC	9	13:35	21:59	984.49	\$32,746	\$0	(\$97,977)	9	(\$347)	\$0	\$0.00	\$0	\$0
178	RT	Generation Outage	SDG&E	San Diego	8-Sep-12	20	No	INC	22	2:00	23:59	1588.08	\$88,252	\$0	(\$916,636)	0	(\$5)	\$0	(\$1.04)	\$0	\$0
179	RT	Intertie Emergency Assistance	Intertie	N/A	15-Sep-12	50	No	INC	2	13:45	14:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
180	RT	Intertie Emergency Assistance	Intertie	N/A	27-Sep-12	130	No	INC	2	13:42	14:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
181	RT	Load Forecast Uncertainty	SCE	LA Basin	3-Sep-12	91	No	INC	24	0:00	23:59	2211.05	\$0	\$0	(\$163,117)	0	(\$7)	\$0	(\$1.29)	\$0	\$0

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182	RT	Load Forecast Uncertainty	SCE	LA Basin	4-Sep-12	25- 80	Yes	INC	16	8:00	23:59	5049.53	\$182,229	\$12,312	(\$398,639)	2270	(\$133,832)	\$0	(\$2.23)	\$0	\$0
183	RT	Market Disruption	PG&E	Bay Area	5-Sep-12	520-625	No	INC	2	1:05	2:59	-63.67	\$0	\$0	\$804	(110)	(\$198)	\$2,486	(\$11.74)	\$0	\$0
184	RT	Market Disruption	PG&E	Fresno	5-Sep-12	315-320	Yes	DEC	2	0:41	1:59	-339.83	\$0	\$0	\$11,382	0	\$0	\$0	\$0.00	\$0	\$0
185	RT	Market Disruption	PG&E	Fresno	5-Sep-12	0	No	INC	3	0:15	2:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
186	RT	Market Disruption	PG&E	N/A	5-Sep-12	220-307	No	DEC	3	0:37	2:59	-659.28	\$0	\$0	\$10,903	(398)	\$0	\$7,544	\$0.00	\$0	\$0
187	RT	Market Disruption	PG&E	N/A	5-Sep-12	0	No	INC	2	1:10	2:59	67.06	\$0	\$0	(\$1,990)	0	(\$1)	\$0	(\$0.20)	\$0	\$0
188	RT	Market Disruption	SCE	Big Creek-Ventura	5-Sep-12	265	No	DEC	2	1:07	2:59	-481.53	\$0	\$0	\$4,391	(307)	\$0	\$3,687	\$0.00	\$0	\$0
189	RT	Market Disruption	SCE	LA Basin	5-Sep-12	600	Yes	INC	3	0:41	2:59	-384.13	\$0	\$0	(\$133)	(371)	\$0	(\$519)	\$0.00	\$0	\$0
190	RT	Market Disruption	SCE	N/A	5-Sep-12	50	No	DEC	2	1:14	2:59	-75.30	\$0	\$0	\$590	(48)	\$0	\$625	\$0.00	\$0	\$0
191	RT	Market Disruption	SDG&E	N/A	5-Sep-12	310	No	INC	2	1:05	2:59	-174.29	\$0	\$0	\$3,136	(111)	\$0	\$1,327	\$0.00	\$0	\$0
192	RT	Market Disruption	SDG&E	San Diego	5-Sep-12	684-861	No	INC	3	0:57	2:59	135.46	\$8,429	\$0	(\$2,526)	(24)	\$0	\$532	\$0.00	\$0	\$0
193	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Sep-12	52	No	DEC	1	10:00	10:59	35.08	\$0	\$0	(\$893)	0	\$0	\$0	\$0.00	\$0	\$0
194	RT	SCE SOB 204	SCE	Big Creek-Ventura	27-Sep-12	50- 150	No	DEC	3	20:45	22:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
195	RT	SCE SOB 204	SCE	Big Creek-Ventura	27-Sep-12	50	No	INC	6	15:19	20:59	263.22	\$0	\$0	(\$27,506)	197	(\$6,725)	\$0	\$0.00	(\$96)	\$0
196	RT	SP26 Capacity	SCE	Big Creek-Ventura	4-Sep-12	100	Yes	INC	12	12:00	23:59	4159.85	\$133,904	\$43,167	(\$113,502)	2617	(\$91,579)	\$0	(\$0.54)	\$0	\$0
197	RT	SP26 Capacity	SCE	Big Creek-Ventura	10-Sep-12	136	No	INC	6	14:00	19:59	887.67	\$0	\$0	(\$29,649)	0	\$0	\$0	\$0.00	\$0	\$0
198	RT	SP26 Capacity	SCE	LA Basin	2-Sep-12	91	No	INC	24	0:00	23:59	2176.42	\$0	\$0	(\$42,324)	0	\$0	\$0	\$0.00	\$0	\$0
199	RT	SP26 Capacity	SCE	LA Basin	5-Sep-12	20	Yes	INC	13	11:00	23:59	240.95	\$0	\$0	(\$5,609)	0	(\$3)	\$0	\$0.00	\$0	\$0
200	RT	SP26 Capacity	SCE	LA Basin	10-Sep-12	65	No	INC	6	15:00	20:59	439.49	\$0	\$0	(\$15,927)	0	\$0	\$0	\$0.00	\$0	\$0
201	RT	SP26 Capacity	SCE	LA Basin	19-Sep-12	25- 55	Yes	INC	17	7:00	23:59	2119.43	\$150,254	\$0	(\$70,189)	1017	(\$38,423)	\$0	\$0.00	\$0	\$0
202	RT	SP26 Capacity	SCE	LA Basin	23-Sep-12	25- 65	Yes	INC	19	5:00	23:59	4514.24	\$144,316	\$0	(\$186,345)	1696	(\$73,855)	\$0	(\$45.22)	\$0	\$0
203	RT	SP26 Capacity	SDG&E	San Diego	18-Sep-12	20	Yes	INC	1	23:00	23:59	19.17	\$0	\$0	(\$303)	0	\$0	\$0	\$0.00	\$0	\$0
204	RT	SP26 Capacity	SDG&E	San Diego	23-Sep-12	20- 40	Yes	INC	24	0:00	23:59	907.24	\$65,325	\$0	(\$16,439)	0	(\$7)	\$0	(\$9.02)	\$0	\$0
205	RT	SP26 Capacity	SDG&E	San Diego	26-Sep-12	40	Yes	INC	24	0:00	23:59	1027.46	\$72,218	\$0	(\$41,734)	0	\$0	\$0	\$0.00	\$0	\$0
206	RT	Software Limitation	PG&E	Fresno	3-Sep-12	0	Yes	INC	1	1:30	1:44	5.19	\$0	\$0	(\$80)	0	(\$0)	\$0	\$0.00	\$0	\$0
207	RT	Software Limitation	PG&E	Fresno	5-Sep-12	315	Yes	DEC	3	1:45	3:59	-984.38	\$0	\$0	\$13,497	0	\$0	\$0	\$0.00	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
208	RT	Software Limitation	PG&E	Fresno	8-Sep-12	0	Yes	INC	2	21:05	22:04	6.92	\$0	\$68	(\$190)	0	\$0	\$0	\$0.00	\$0	\$0
209	RT	Software Limitation	PG&E	Fresno	9-Sep-12	0	No	INC	1	22:19	22:29	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
210	RT	Software Limitation	PG&E	Fresno	16-Sep-12	0	Yes	INC	1	0:12	0:27	-10.80	\$0	\$0	\$296	0	\$0	\$0	\$0.00	\$0	\$0
211	RT	Software Limitation	PG&E	Fresno	25-Sep-12	0	No	INC	1	5:00	5:44	17.71	\$436	\$809	(\$345)	0	\$0	\$0	\$0.00	\$0	\$0
212	RT	Software Limitation	PG&E	N/A	15-Sep-12	237	No	INC	5	8:00	12:59	1304.26	\$0	\$0	(\$24,893)	0	\$0	\$0	\$0.00	\$0	\$0
213	RT	Software Limitation	SCE	Big Creek- Ventura	14-Sep-12	50- 270	No	DEC	7	9:00	15:59	1038.50	\$0	\$0	\$47,422	(590)	\$0	\$21,123	\$0.00	\$0	\$0
214	RT	Software Limitation	SCE	Big Creek- Ventura	15-Sep-12	0	Yes	INC	8	4:50	11:49	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
215	RT	Software Limitation	SCE	LA Basin	3-Sep-12	0	Yes	INC	2	21:05	22:04	7.65	\$0	\$0	(\$244)	0	\$0	\$0	\$0.00	\$0	\$0
216	RT	Software Limitation	SCE	LA Basin	7-Sep-12	0	Yes	INC	5	18:20	22:54	11.64	\$0	\$0	(\$337)	0	\$0	\$0	\$0.00	\$0	\$0
217	RT	Software Limitation	SCE	LA Basin	8-Sep-12	0	Yes	INC	2	21:30	22:29	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
218	RT	Software Limitation	SCE	LA Basin	9-Sep-12	0	Yes	INC	2	22:45	23:44	15.47	\$0	\$0	(\$328)	0	\$0	\$0	\$0.00	\$0	\$0
219	RT	Software Limitation	SCE	LA Basin	10-Sep-12	0	Yes	INC	2	21:50	22:49	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
220	RT	Software Limitation	SCE	LA Basin	12-Sep-12	0	Yes	INC	2	19:40	20:39	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
221	RT	Software Limitation	SCE	LA Basin	14-Sep-12	0	Yes	INC	1	4:09	4:55	2.50	\$543	\$0	(\$57)	0	\$0	\$0	\$0.00	\$0	\$0
222	RT	Software Limitation	SCE	LA Basin	15-Sep-12	0	Yes	INC	2	0:20	1:29	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
223	RT	Software Limitation	SCE	LA Basin	20-Sep-12	0	Yes	INC	2	19:40	20:39	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
224	RT	Software Limitation	SCE	LA Basin	24-Sep-12	0	Yes	INC	5	8:35	12:34	2.14	\$0	\$0	(\$106)	0	\$0	\$0	\$0.00	\$0	\$0
225	RT	Software Limitation	SCE	LA Basin	25-Sep-12	47	No	DEC	2	18:45	19:44	-54.83	\$0	\$0	\$144	(47)	\$0	\$1	\$0.00	\$0	\$0
226	RT	Software Limitation	SCE	LA Basin	26-Sep-12	0	Yes	INC	2	21:30	22:29	0.00	\$0	\$51	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
227	RT	Software Limitation	SCE	LA Basin	27-Sep-12	0	Yes	INC	4	20:40	23:59	3.91	\$0	\$0	(\$98)	0	\$0	\$0	\$0.00	\$0	\$0
228	RT	Software Limitation	SCE	LA Basin	28-Sep-12	0	No	INC	1	0:00	0:04	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
229	RT	Software Limitation	SDG&E	San Diego	3-Sep-12	20	No	INC	2	18:45	19:59	-292.18	\$0	\$0	\$9,146	(21)	\$0	\$319	\$0.00	\$0	\$0
230	RT	Software Limitation	SDG&E	San Diego	10-Sep-12	133- 241	No	DEC	4	5:40	8:59	-745.62	\$657	\$0	\$20,486	0	\$0	\$0	\$0.00	\$0	\$0
231	RT	Software Limitation	SDG&E	San Diego	10-Sep-12	281	No	INC	1	9:10	9:59	-79.34	\$0	\$0	\$1,856	0	\$0	\$0	\$0.00	\$0	\$0
232	RT	Software Limitation	SDG&E	San Diego	14-Sep-12	0	Yes	INC	2	18:55	19:54	2.75	\$0	\$0	(\$75)	0	\$0	\$0	\$0.00	\$0	\$0
233	RT	Software Limitation	SDG&E	San Diego	15-Sep-12	127	Yes	INC	13	9:00	21:39	-20.71	\$1,070	\$0	\$455	0	\$0	\$0	\$0.00	\$0	\$0
234	RT	Software Limitation	SDG&E	San Diego	23-Sep-12	91	No	INC	1	20:00	20:44	71.87	\$2,220	\$0	(\$2,667)	1	(\$72)	\$0	\$0.00	\$0	\$0
235	RT	Software Limitation	SDG&E	San Diego	25-Sep-12	45	No	DEC	2	15:10	16:09	-45.00	\$0	\$0	\$28	(44)	\$0	\$0	\$0.00	\$0	\$0
236	RT	Software Limitation	SDG&E	San Diego	25-Sep-12	0	Yes	INC	2	21:30	22:29	0.00	\$0	\$69	(\$0)	0	\$0	\$0	\$0.00	\$0	\$0
237	RT	System Energy	Intertie	N/A	15-Sep-12	175	Yes	INC	1	15:00	15:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
238	RT	System Energy	Intertie	N/A	25-Sep-12	252- 350	Yes	INC	7	10:00	16:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0

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239	RT	System Energy	SCE	Big Creek-Ventura	8-Sep-12	4	No	INC	1	22:08	22:18	1.36	\$0	\$0	(\$150)	0	\$0	\$0	\$0.00	\$0	\$0
240	RT	Transmission Outage PG&E	PG&E	Bay Area	17-Sep-12	75	No	DEC	2	9:27	10:29	-121.41	\$0	\$0	\$2,912	(28)	\$0	\$678	\$0.00	(\$318)	\$0
241	RT	Transmission Outage PG&E	PG&E	Fresno	13-Sep-12	641	Yes	INC	5	4:15	8:59	338.33	\$0	\$0	(\$7,719)	15	(\$342)	\$0	\$0.00	(\$115)	\$0
242	RT	Transmission Outage PG&E	PG&E	Fresno	16-Sep-12	0	No	INC	1	9:47	9:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
243	RT	Transmission Outage PG&E	PG&E	Fresno	17-Sep-12	32	No	INC	6	15:55	20:53	186.67	\$7,308	\$327	(\$5,338)	0	\$0	\$0	\$0.00	\$0	\$0
244	RT	Transmission Outage PG&E	PG&E	Fresno	24-Sep-12	60	Yes	INC	21	3:40	23:59	-85.26	\$0	\$0	\$2,663	20	(\$38)	\$0	\$0.00	(\$568)	\$0
245	RT	Transmission Outage PG&E	PG&E	Fresno	25-Sep-12	60	Yes	INC	1	0:00	0:59	27.17	\$0	\$0	(\$484)	25	(\$455)	\$0	\$0.00	(\$306)	\$0
246	RT	Transmission Outage PG&E	PG&E	Fresno	27-Sep-12	24- 60	No	INC	22	1:03	22:59	373.44	\$0	\$0	(\$9,758)	352	(\$9,109)	\$0	\$0.00	(\$2,102)	\$0
247	RT	Transmission Outage PG&E	PG&E	Humboldt	4-Sep-12	16	No	INC	2	16:54	17:59	-33.78	\$0	\$0	\$728	(25)	\$0	\$545	\$0.00	(\$545)	\$0
248	RT	Transmission Outage PG&E	PG&E	Humboldt	8-Sep-12	80- 112	No	INC	4	17:11	20:59	-172.12	\$147	\$0	\$2,904	(105)	\$0	\$1,764	\$0.00	(\$1,700)	\$0
249	RT	Transmission Outage PG&E	PG&E	Humboldt	20-Sep-12	15- 60	No	INC	4	15:12	18:03	-8.41	\$0	\$0	\$226	(6)	\$0	\$165	\$0.00	(\$165)	\$0
250	RT	Transmission Outage PG&E	PG&E	Humboldt	21-Sep-12	16- 64	No	INC	10	12:45	21:59	63.43	\$2,140	\$0	(\$1,800)	(20)	\$0	\$662	\$0.00	(\$610)	\$0
251	RT	Transmission Outage PG&E	PG&E	Humboldt	24-Sep-12	15	No	INC	2	11:52	12:36	10.86	\$0	\$0	(\$267)	7	(\$183)	\$0	\$0.00	\$0	\$0
252	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Sep-12	48- 96	No	INC	7	15:51	21:59	-213.60	\$0	\$0	\$6,313	(227)	\$0	\$6,771	\$0.00	(\$6,512)	\$0
253	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Sep-12	48	No	INC	10	12:44	21:59	-91.27	\$0	\$0	\$2,183	(31)	\$0	\$740	\$0.00	(\$561)	\$0
254	RT	Transmission Outage PG&E	PG&E	N/A	18-Sep-12	50- 67	No	DEC	8	14:50	21:59	-512.15	\$0	\$0	\$11,638	(468)	\$0	\$10,600	\$0.00	(\$4,052)	\$0
255	RT	Transmission Outage PG&E	PG&E	N/A	19-Sep-12	350- 440	No	INC	4	14:01	17:59	-272.26	\$0	\$0	\$7,779	(245)	\$0	\$6,976	\$0.00	(\$1,617)	\$0
256	RT	Transmission Outage PG&E	PG&E	Sierra	11-Sep-12	5	No	DEC	2	13:56	14:59	-2.83	\$0	\$0	\$61	(3)	\$0	\$55	\$0.00	\$0	\$0
257	RT	Transmission Outage PG&E	PG&E	Sierra	12-Sep-12	6	No	DEC	2	6:35	7:59	-5.94	\$0	\$0	\$186	(6)	\$0	\$179	\$0.00	(\$33)	\$0
258	RT	Transmission Outage PG&E	PG&E	Sierra	18-Sep-12	20	Yes	INC	10	7:20	16:59	202.17	\$10,222	\$746	(\$4,733)	0	\$0	\$0	\$0.00	\$0	\$0
259	RT	Transmission Outage PG&E	PG&E	Sierra	24-Sep-12	11- 21	No	DEC	10	10:50	19:59	-210.69	\$0	\$0	\$5,086	(166)	\$0	\$4,205	\$0.00	(\$825)	\$0
260	RT	Transmission Outage PG&E	PG&E	Sierra	25-Sep-12	24	No	DEC	10	11:20	20:59	-289.03	\$0	\$0	\$6,363	(209)	\$0	\$4,786	\$0.00	(\$528)	\$0
261	RT	Transmission Outage PG&E	PG&E	Sierra	26-Sep-12	11- 23	No	DEC	12	10:21	21:59	-248.70	\$0	\$0	\$8,046	(249)	\$0	\$8,032	\$0.00	(\$2,982)	\$0
262	RT	Transmission Outage PG&E	PG&E	Sierra	27-Sep-12	15	No	DEC	13	10:00	22:59	-182.11	\$0	\$0	\$5,452	(184)	\$0	\$5,503	\$0.00	(\$1,746)	\$0
263	RT	Transmission Outage PG&E	SCE	Big Creek-Ventura	17-Sep-12	55- 105	No	DEC	8	16:15	23:59	-537.01	\$0	\$0	\$13,462	(490)	\$0	\$12,356	\$0.00	(\$9,922)	\$0
264	RT	Transmission Outage SCE	Intertie	N/A	8-Sep-12	180- 216	No	DEC	2	11:45	12:59	-41.80	\$0	\$0	(\$2,354)	(82)	\$0	\$4,438	\$0.00	(\$4,143)	\$0
265	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	4-Sep-12	14- 175	No	DEC	9	15:50	23:44	-311.42	\$0	\$0	\$2,646	0	\$0	\$0	\$0.00	\$0	\$0
266	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	4-Sep-12	20	No	INC	7	16:30	22:59	66.94	\$0	\$0	(\$1,197)	23	(\$573)	\$0	\$0.00	(\$89)	\$0
267	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	5-Sep-12	9- 84	No	DEC	7	1:05	7:59	44.57	\$0	\$0	(\$1,488)	0	\$0	\$0	\$0.00	\$0	\$0
268	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	5-Sep-12	4- 161	No	INC	14	1:55	14:59	153.41	\$0	\$0	(\$3,121)	0	\$0	\$0	\$0.00	\$0	\$0
269	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	6-Sep-12	3- 93	No	DEC	4	16:50	19:59	-53.19	\$0	\$0	\$1,226	(117)	\$0	\$2,623	\$0.00	(\$416)	\$0
270	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	7-Sep-12	5- 35	No	DEC	6	15:45	20:59	-79.37	\$0	\$0	\$1,869	(130)	\$0	\$3,379	\$0.00	(\$946)	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
271	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	8-Sep-12	5	No	DEC	6	16:15	21:59	-29.57	\$0	\$0	\$1,166	(27)	\$0	\$1,087	\$0.00	(\$485)	\$0
272	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	8-Sep-12	15	No	INC	1	16:00	16:59	-2.94	\$0	\$0	\$131	(4)	\$0	\$188	\$0.00	(\$19)	\$0
273	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Sep-12	5	No	DEC	5	17:15	21:59	79.67	\$0	\$0	(\$95,334)	(10)	\$0	\$6,277	\$0.00	\$0	\$0
274	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Sep-12	2- 16	No	INC	5	17:20	21:59	99.95	\$0	\$0	(\$28,547)	0	\$0	\$0	\$0.00	\$0	\$0
275	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	10-Sep-12	5- 191	No	DEC	14	8:10	21:59	-571.92	\$0	\$0	\$11,607	(644)	\$0	\$19,515	\$0.00	(\$2,082)	\$0
276	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	10-Sep-12	75- 235	No	INC	6	17:15	22:59	617.80	\$0	\$0	(\$17,853)	(0)	\$0	\$16	\$0.00	\$0	\$0
277	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	11-Sep-12	5- 25	No	DEC	14	9:00	22:59	-149.88	\$0	\$0	\$3,237	(181)	\$0	\$3,945	\$0.00	(\$1,185)	\$0
278	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	11-Sep-12	161	No	INC	3	9:00	11:59	221.96	\$0	\$0	(\$6,555)	(0)	\$0	\$7	\$0.00	(\$0)	\$0
279	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	12-Sep-12	15- 30	No	DEC	19	5:00	23:59	-700.61	\$0	\$0	(\$11,032)	(376)	\$0	\$17,313	\$0.00	(\$12,366)	\$0
280	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Sep-12	90- 130	No	DEC	14	3:45	16:59	1861.99	\$0	\$0	\$40,829	(1770)	\$0	\$38,957	\$0.00	(\$23,331)	\$0
281	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Sep-12	13- 42	No	DEC	20	4:40	23:59	-798.06	\$0	\$0	\$17,807	(139)	\$0	\$3,422	\$0.00	(\$146)	\$0
282	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Sep-12	8- 90	No	INC	24	0:00	23:59	-217.97	\$0	\$0	\$3,773	0	\$0	\$0	\$0.00	\$0	\$0
283	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	19-Sep-12	6- 31	No	DEC	8	1:05	8:59	-306.69	\$0	\$0	\$3,740	(83)	(\$4)	\$1,575	\$0.00	(\$578)	\$0
284	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	19-Sep-12	10- 60	No	INC	9	0:40	8:59	-169.97	\$0	\$0	\$3,379	8	(\$156)	\$0	\$0.00	(\$22)	\$0
285	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	20-Sep-12	12- 22	No	DEC	16	8:53	23:59	-152.25	\$0	\$0	\$3,473	(72)	\$0	\$1,931	\$0.00	(\$196)	\$0
286	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	20-Sep-12	8- 28	No	INC	16	8:53	23:59	97.92	\$0	\$0	(\$2,896)	(1)	\$0	\$22	\$0.00	(\$0)	\$0
287	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	21-Sep-12	16- 62	No	DEC	10	0:10	9:59	-289.48	\$0	\$0	\$6,649	(243)	\$0	\$5,590	\$0.00	(\$1,923)	\$0
288	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	21-Sep-12	9- 14	No	INC	24	0:00	23:59	-7.07	\$0	\$0	\$113	(13)	\$0	\$271	\$0.00	(\$81)	\$0
289	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	22-Sep-12	44	No	INC	1	0:00	0:59	20.72	\$0	\$0	(\$547)	0	\$0	\$0	\$0.00	\$0	\$0
290	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-12	0- 6	Yes	DEC	5	11:25	15:59	7.16	\$0	\$0	(\$122)	0	\$0	\$0	\$0.00	\$0	\$0
291	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-12	86	Yes	INC	3	11:25	13:29	32.45	\$0	\$0	(\$14,560)	0	\$0	\$0	\$0.00	\$0	\$0
292	RT	Transmission Outage SCE	SCE	LA Basin	13-Sep-12	170	No	INC	3	1:39	3:13	242.37	\$0	\$0	(\$18,528)	57	(\$1,553)	\$0	\$0.00	(\$405)	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
293	RT	Transmission Outage SCE	SCE	LA Basin	15-Sep-12	50	Yes	INC	10	0:00	9:59	509.53	\$62,560	\$0	(\$4,724)	0	\$0	\$0	\$0.00	\$0	\$0
294	RT	Transmission Outage SCE	SCE	N/A	16-Sep-12	214	Yes	DEC	2	16:36	17:14	-103.97	\$0	\$0	\$2,537	(48)	\$0	\$1,170	\$0.00	(\$64)	\$0
295	RT	Transmission Outage SCE	SCE	N/A	16-Sep-12	160	Yes	INC	2	16:55	17:14	7.15	\$960	\$0	(\$175)	0	\$0	\$0	\$0.00	\$0	\$0
296	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Sep-12	7	Yes	DEC	2	9:30	10:14	1.76	\$0	\$0	(\$42)	0	\$0	\$0	\$0.00	\$0	\$0
297	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Sep-12	37	Yes	INC	2	9:30	10:14	17.21	\$899	\$0	(\$1,199)	0	\$0	\$0	\$0.00	\$0	\$0
298	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Sep-12	43	Yes	DEC	3	12:45	14:59	-73.55	\$0	\$0	\$2,253	(74)	\$0	\$2,253	\$0.00	(\$2,253)	\$0
299	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Sep-12	37	Yes	INC	6	9:00	14:59	40.23	\$1,348	\$0	(\$1,481)	0	\$0	\$0	\$0.00	\$0	\$0
300	RT	Transmission Outage SDG&E	SDG&E	San Diego	10-Sep-12	180- 240	No	INC	7	10:25	16:59	-195.51	\$0	\$0	\$6,739	0	\$0	\$0	\$0.00	\$0	\$0
301	RT	Unit Testing	PG&E	N/A	15-Sep-12	237	No	INC	3	21:20	23:59	629.53	\$0	\$0	(\$14,173)	0	\$0	\$0	\$0.00	\$0	\$0
302	RT	Unit Testing	PG&E	N/A	16-Sep-12	237	No	INC	20	0:00	19:59	4731.54	\$0	\$0	(\$106,107)	123	(\$2,983)	\$0	\$0.00	\$0	\$0
303	RT	Unit Testing	PG&E	N/A	17-Sep-12	271	No	INC	12	8:55	19:59	2058.80	\$0	\$0	(\$51,825)	54	(\$1,421)	\$0	\$0.00	\$0	\$0
304	RT	Unit Testing	PG&E	N/A	18-Sep-12	237	No	INC	11	9:20	19:59	1887.84	\$0	\$0	(\$39,172)	329	(\$1,615)	\$0	\$0.00	\$0	\$0
305	RT	Unit Testing	PG&E	N/A	19-Sep-12	110- 328	No	INC	10	4:20	13:59	1344.79	\$0	\$0	(\$28,942)	166	(\$3,685)	\$0	\$0.00	\$0	\$0
306	RT	Unit Testing	PG&E	N/A	24-Sep-12	160	No	INC	12	8:00	19:59	620.78	\$0	\$0	(\$17,073)	0	\$0	\$0	\$0.00	\$0	\$0
307	RT	Unit Testing	PG&E	N/A	25-Sep-12	116- 320	No	INC	17	7:10	23:59	3849.90	\$0	\$0	(\$100,051)	574	(\$16,918)	\$0	\$0.00	\$0	\$0
308	RT	Unit Testing	PG&E	N/A	26-Sep-12	120- 300	No	INC	20	0:00	19:59	2117.22	\$0	\$0	(\$74,068)	166	(\$7,504)	\$0	\$0.00	\$0	\$0
309	RT	Unit Testing	PG&E	N/A	28-Sep-12	290- 380	Yes	INC	7	9:10	15:59	1527.53	\$0	\$0	(\$51,971)	171	(\$5,818)	\$0	\$0.00	\$0	\$0
310	RT	Unit Testing	SDG&E	N/A	5-Sep-12	22	No	DEC	2	9:58	10:27	-4.28	\$0	\$0	\$105	0	\$0	\$0	\$0.00	\$0	\$0
311	RT	Unit Testing	SDG&E	N/A	5-Sep-12	20	No	INC	1	9:16	9:46	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0.00	\$0	\$0
312	RT	Voltage Support	PG&E	Fresno	3-Sep-12	32	No	INC	9	14:15	22:59	514.53	\$20,899	\$501	(\$19,119)	0	(\$1)	\$0	\$0.00	(\$0)	\$0
313	RT	Voltage Support	PG&E	Fresno	4-Sep-12	32- 64	No	INC	12	11:35	22:59	667.45	\$26,512	\$277	(\$18,713)	3	(\$93)	\$0	\$0.00	(\$12)	\$0
314	RT	Voltage Support	PG&E	Fresno	5-Sep-12	32- 64	No	INC	11	13:05	23:59	638.49	\$27,945	\$268	(\$14,624)	1	(\$18)	\$0	\$0.00	(\$3)	\$0
315	RT	Voltage Support	PG&E	Fresno	6-Sep-12	32	No	INC	12	12:45	23:59	632.72	\$29,133	\$268	(\$16,162)	0	\$0	\$0	\$0.00	\$0	\$0
316	RT	Voltage Support	PG&E	Fresno	7-Sep-12	32	No	INC	13	11:30	23:29	589.84	\$26,143	\$268	(\$21,885)	0	\$0	\$0	\$0.00	\$0	\$0
317	RT	Voltage Support	PG&E	Fresno	8-Sep-12	32- 64	No	INC	12	11:50	22:59	695.02	\$27,383	\$259	(\$22,588)	0	\$0	\$0	\$0.00	\$0	\$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	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
318	RT	Voltage Support	PG&E	Fresno	9-Sep-12	32	No	INC	6	15:55	20:59	223.62	\$8,021	\$0	(\$29,738)	0	(\$1)	\$0	\$0.00	(\$0)	\$0
319	RT	Voltage Support	PG&E	Fresno	10-Sep-12	32	No	INC	10	13:30	22:59	503.04	\$19,994	\$268	(\$15,916)	0	(\$1)	\$0	\$0.00	(\$0)	\$0
320	RT	Voltage Support	PG&E	Fresno	11-Sep-12	32	No	INC	10	13:12	22:59	502.63	\$21,790	\$402	(\$11,995)	1	(\$14)	\$0	\$0.00	(\$1)	\$0
321	RT	Voltage Support	PG&E	Fresno	12-Sep-12	32	No	INC	9	14:05	22:59	307.93	\$12,424	\$268	(\$26,362)	0	\$0	\$0	\$0.00	\$0	\$0
322	RT	Voltage Support	PG&E	Fresno	13-Sep-12	32	No	INC	10	13:25	22:59	571.38	\$26,396	\$536	(\$17,954)	0	\$0	\$0	\$0.00	\$0	\$0
323	RT	Voltage Support	PG&E	Fresno	14-Sep-12	32	No	INC	11	12:45	22:59	669.71	\$30,132	\$535	(\$22,671)	0	\$0	\$0	\$0.00	\$0	\$0
324	RT	Voltage Support	PG&E	Fresno	15-Sep-12	32	No	INC	8	13:55	20:59	340.84	\$15,715	\$268	(\$9,572)	0	\$0	\$0	\$0.00	\$0	\$0
325	RT	Voltage Support	PG&E	Fresno	16-Sep-12	308-316	No	DEC	2	7:15	8:59	-547.00	\$0	\$0	\$14,198	0	\$0	\$0	\$0.00	\$0	\$0
326	RT	Voltage Support	PG&E	Sierra	14-Sep-12	20	Yes	INC	3	9:45	11:59	46.67	\$2,152	\$334	(\$1,052)	0	\$0	\$0	\$0.00	\$0	\$0
327	RT	Voltage Support	PG&E	Sierra	19-Sep-12	20	Yes	INC	3	7:03	9:15	39.00	\$0	\$0	(\$849)	0	\$0	\$0	\$0.00	\$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 costs⁷. 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

⁷ 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 (PGAE) 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 PGAE 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 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 PGAE 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 8640 five-minute intervals in September, this resource was issued exceptional dispatch instructions in 1416 five-minute intervals. This resource was eligible to set the LMP in all 1416 intervals. Resource calculated LMP was larger than the market LMP in 1152 of the 1416 intervals. In the 1152 intervals, the average increase in five minute LMP was \$5.97/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 \$5.97/MWh. Note that 1152 five minute intervals are approximately 13.33 percent of the total 8640 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 8640 five minute intervals, this resource was issued an exceptional dispatch instruction in 1585 five minute intervals. This resource was eligible to set the LMP in all 1585 intervals. Out of the 1585 intervals, resource calculated LMP was larger than the market LMP in 1429 intervals. In the 1429 intervals, the average increase in five minute LMP was \$949.04/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 \$949.04/MWh. The 1429 five minute intervals account for approximately 16.54 percent of the total 8640 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	1-Sep-12	7	5	\$20.80	Yes	\$29.00	\$8.20
2	1-Sep-12	7	6	\$12.33	Yes	\$29.00	\$16.67
3	1-Sep-12	7	7	\$19.65	Yes	\$29.00	\$9.35
4	1-Sep-12	7	8	\$19.65	Yes	\$29.00	\$9.35
5	1-Sep-12	7	9	\$18.23	Yes	\$29.00	\$10.77
6	1-Sep-12	7	10	\$15.09	Yes	\$29.00	\$13.91
7	1-Sep-12	7	11	\$1.13	Yes	\$29.00	\$27.87
8	1-Sep-12	7	12	\$8.50	Yes	\$29.00	\$20.50
9	1-Sep-12	8	1	\$1.13	Yes	\$29.00	\$27.87
10	1-Sep-12	8	2	\$1.13	Yes	\$29.00	\$27.87
11	1-Sep-12	8	3	\$11.85	Yes	\$29.00	\$17.15
12	1-Sep-12	8	4	\$19.05	Yes	\$29.00	\$9.95
13	1-Sep-12	8	5	\$21.20	Yes	\$29.00	\$7.80
14	1-Sep-12	8	6	\$21.17	Yes	\$29.00	\$7.83
15	1-Sep-12	8	7	\$21.40	Yes	\$29.00	\$7.60
16	1-Sep-12	8	8	\$23.25	Yes	\$29.00	\$5.75
17	1-Sep-12	8	9	\$23.35	Yes	\$29.00	\$5.65
18	1-Sep-12	8	10	\$28.25	Yes	\$29.00	\$0.75
19	1-Sep-12	8	11	\$26.05	Yes	\$29.00	\$2.95
20	1-Sep-12	8	12	\$24.08	Yes	\$29.00	\$4.92
21	1-Sep-12	9	1	\$23.82	Yes	\$29.00	\$5.18
22	1-Sep-12	9	2	\$23.32	Yes	\$29.00	\$5.68
23	1-Sep-12	9	3	\$23.31	Yes	\$29.00	\$5.69
24	1-Sep-12	9	4	\$23.82	Yes	\$29.00	\$5.18
25	1-Sep-12	9	5	\$23.33	Yes	\$29.00	\$5.67
26	1-Sep-12	9	6	\$22.61	Yes	\$29.00	\$6.39
27	1-Sep-12	9	7	\$23.76	Yes	\$29.00	\$5.24
28	1-Sep-12	9	8	\$23.36	Yes	\$29.00	\$5.64
29	1-Sep-12	9	9	\$21.48	Yes	\$29.00	\$7.52
30	1-Sep-12	9	10	\$23.42	Yes	\$29.00	\$5.58
31	1-Sep-12	9	11	\$23.49	Yes	\$29.00	\$5.51
32	1-Sep-12	9	12	\$21.31	Yes	\$29.00	\$7.69
33	1-Sep-12	10	2	\$8.82	Yes	\$21.00	\$12.18
34	1-Sep-12	10	3	\$10.93	Yes	\$21.00	\$10.07
35	1-Sep-12	10	4	\$12.24	Yes	\$21.00	\$8.76
36	1-Sep-12	10	5	\$12.26	Yes	\$21.00	\$8.74
37	1-Sep-12	10	6	\$16.53	Yes	\$21.00	\$4.47
38	1-Sep-12	10	7	\$16.18	Yes	\$21.00	\$4.82
39	1-Sep-12	10	8	\$19.11	Yes	\$21.00	\$1.89
40	1-Sep-12	10	9	\$19.11	Yes	\$21.00	\$1.89
41	1-Sep-12	10	10	\$16.17	Yes	\$21.00	\$4.83
42	1-Sep-12	10	11	\$18.97	Yes	\$21.00	\$2.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	1-Sep-12	10	12	\$18.98	Yes	\$21.00	\$2.02
44	1-Sep-12	11	1	\$19.23	Yes	\$21.00	\$1.77
45	1-Sep-12	11	2	\$19.51	Yes	\$21.00	\$1.49
46	1-Sep-12	11	3	\$18.54	Yes	\$21.00	\$2.46
47	1-Sep-12	11	4	\$18.92	Yes	\$21.00	\$2.08
48	1-Sep-12	11	5	\$17.24	Yes	\$21.00	\$3.76
49	1-Sep-12	11	6	\$18.92	Yes	\$21.00	\$2.08
50	1-Sep-12	11	7	\$20.23	Yes	\$21.00	\$0.77
51	1-Sep-12	11	8	\$20.23	Yes	\$21.00	\$0.77
52	1-Sep-12	11	9	\$15.92	Yes	\$21.00	\$5.08
53	1-Sep-12	11	10	\$18.95	Yes	\$21.00	\$2.05
54	1-Sep-12	11	11	\$20.23	Yes	\$21.00	\$0.77
55	1-Sep-12	11	12	\$20.61	Yes	\$21.00	\$0.39
56	1-Sep-12	12	1	\$17.82	Yes	\$21.00	\$3.18
57	1-Sep-12	12	2	\$17.89	Yes	\$21.00	\$3.11
58	1-Sep-12	12	3	\$18.87	Yes	\$21.00	\$2.13
59	1-Sep-12	12	4	\$18.08	Yes	\$21.00	\$2.92
60	1-Sep-12	12	5	\$18.09	Yes	\$21.00	\$2.91
61	1-Sep-12	12	6	\$18.42	Yes	\$21.00	\$2.58
62	1-Sep-12	12	7	\$18.73	Yes	\$21.00	\$2.27
63	1-Sep-12	12	8	\$19.77	Yes	\$21.00	\$1.23
64	1-Sep-12	12	9	\$19.77	Yes	\$21.00	\$1.23
65	1-Sep-12	12	10	\$15.77	Yes	\$21.00	\$5.23
66	1-Sep-12	12	11	\$17.69	Yes	\$21.00	\$3.31
67	1-Sep-12	12	12	\$18.11	Yes	\$21.00	\$2.89
68	1-Sep-12	13	1	\$18.10	Yes	\$21.00	\$2.90
69	1-Sep-12	13	2	\$17.89	Yes	\$21.00	\$3.11
70	1-Sep-12	13	3	\$17.55	Yes	\$21.00	\$3.45
71	1-Sep-12	13	4	\$18.02	Yes	\$21.00	\$2.98
72	1-Sep-12	13	5	\$18.34	Yes	\$21.00	\$2.66
73	1-Sep-12	13	6	\$18.35	Yes	\$21.00	\$2.65
74	1-Sep-12	13	7	\$19.04	Yes	\$21.00	\$1.96
75	1-Sep-12	13	8	\$19.25	Yes	\$21.00	\$1.75
76	1-Sep-12	13	9	\$19.92	Yes	\$21.00	\$1.08
77	1-Sep-12	13	10	\$19.35	Yes	\$21.00	\$1.65
78	1-Sep-12	13	11	\$20.23	Yes	\$21.00	\$0.77
79	1-Sep-12	13	12	\$20.41	Yes	\$21.00	\$0.59
80	1-Sep-12	14	1	\$17.96	Yes	\$21.00	\$3.04
81	1-Sep-12	14	2	\$18.26	Yes	\$21.00	\$2.74
82	1-Sep-12	14	3	\$18.67	Yes	\$21.00	\$2.33
83	1-Sep-12	14	4	\$18.30	Yes	\$21.00	\$2.70
84	1-Sep-12	14	5	\$19.32	Yes	\$21.00	\$1.68
85	1-Sep-12	14	6	\$19.32	Yes	\$21.00	\$1.68
86	1-Sep-12	14	7	\$19.25	Yes	\$21.00	\$1.75
87	1-Sep-12	14	8	\$20.07	Yes	\$21.00	\$0.93

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	1-Sep-12	14	9	\$20.07	Yes	\$21.00	\$0.93
89	1-Sep-12	14	10	\$20.26	Yes	\$21.00	\$0.74
90	1-Sep-12	14	11	\$20.26	Yes	\$21.00	\$0.74
91	1-Sep-12	14	12	\$20.12	Yes	\$21.00	\$0.88
92	1-Sep-12	15	1	\$21.02	Yes	\$21.00	-\$0.02
93	1-Sep-12	15	2	\$20.89	Yes	\$21.00	\$0.11
94	1-Sep-12	15	3	\$21.02	Yes	\$21.00	-\$0.02
95	1-Sep-12	15	4	\$20.73	Yes	\$21.00	\$0.27
96	1-Sep-12	15	5	\$18.35	Yes	\$21.00	\$2.65
97	1-Sep-12	15	6	\$18.37	Yes	\$21.00	\$2.63
98	1-Sep-12	15	7	\$17.13	Yes	\$21.00	\$3.87
99	1-Sep-12	15	8	\$18.79	Yes	\$21.00	\$2.21
100	1-Sep-12	15	9	\$18.96	Yes	\$21.00	\$2.04
101	1-Sep-12	15	10	\$19.61	Yes	\$21.00	\$1.39
102	1-Sep-12	15	11	\$19.61	Yes	\$21.00	\$1.39
103	1-Sep-12	15	12	\$19.36	Yes	\$21.00	\$1.64
104	1-Sep-12	16	1	\$19.55	Yes	\$21.00	\$1.45
105	1-Sep-12	16	2	\$19.37	Yes	\$21.00	\$1.63
106	1-Sep-12	16	3	\$19.55	Yes	\$21.00	\$1.45
107	1-Sep-12	16	4	\$19.34	Yes	\$21.00	\$1.66
108	1-Sep-12	16	5	\$19.47	Yes	\$21.00	\$1.53
109	1-Sep-12	16	6	\$19.47	Yes	\$21.00	\$1.53
110	1-Sep-12	16	7	\$20.47	Yes	\$21.00	\$0.53
111	1-Sep-12	16	8	\$20.44	Yes	\$21.00	\$0.56
112	1-Sep-12	16	9	\$21.02	Yes	\$21.00	-\$0.02
113	1-Sep-12	16	10	\$20.80	Yes	\$21.00	\$0.20
114	1-Sep-12	16	11	\$20.80	Yes	\$21.00	\$0.20
115	1-Sep-12	16	12	\$20.90	Yes	\$21.00	\$0.10
116	1-Sep-12	17	1	\$20.58	Yes	\$21.00	\$0.42
117	1-Sep-12	17	2	\$20.87	Yes	\$21.00	\$0.13
118	1-Sep-12	17	3	\$20.98	Yes	\$21.00	\$0.02
119	1-Sep-12	17	4	\$20.86	Yes	\$21.00	\$0.14
120	1-Sep-12	17	5	\$20.87	Yes	\$21.00	\$0.13
121	1-Sep-12	17	6	\$21.15	Yes	\$21.00	-\$0.15
122	1-Sep-12	17	7	\$21.09	Yes	\$21.00	-\$0.09
123	1-Sep-12	17	8	\$21.07	Yes	\$21.00	-\$0.07
124	1-Sep-12	17	9	\$21.07	Yes	\$21.00	-\$0.07
125	1-Sep-12	17	10	\$20.91	Yes	\$21.00	\$0.09
126	1-Sep-12	17	11	\$20.91	Yes	\$21.00	\$0.09
127	1-Sep-12	17	12	\$27.28	Yes	\$21.00	-\$6.28
128	1-Sep-12	23	2	\$23.20	Yes	\$26.42	\$3.22
129	1-Sep-12	23	3	\$24.18	Yes	\$26.42	\$2.24
130	1-Sep-12	23	4	\$23.33	Yes	\$26.42	\$3.09
131	1-Sep-12	23	5	\$21.50	Yes	\$26.42	\$4.92
132	1-Sep-12	23	6	\$21.27	Yes	\$26.42	\$5.15

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	1-Sep-12	23	7	\$18.72	Yes	\$26.42	\$7.70
134	1-Sep-12	23	8	\$18.33	Yes	\$26.42	\$8.09
135	1-Sep-12	23	9	\$18.71	Yes	\$26.42	\$7.71
136	1-Sep-12	23	10	\$17.09	Yes	\$26.42	\$9.33
137	1-Sep-12	23	11	\$17.09	Yes	\$26.42	\$9.33
138	1-Sep-12	23	12	\$14.59	Yes	\$26.42	\$11.83
139	1-Sep-12	24	1	\$20.02	Yes	\$26.42	\$6.40
140	1-Sep-12	24	2	\$19.92	Yes	\$26.42	\$6.50
141	1-Sep-12	24	3	\$20.01	Yes	\$26.42	\$6.41
142	1-Sep-12	24	4	\$19.65	Yes	\$26.42	\$6.77
143	1-Sep-12	24	5	\$19.65	Yes	\$26.42	\$6.77
144	1-Sep-12	24	6	\$11.85	Yes	\$26.42	\$14.57
145	1-Sep-12	24	7	\$19.80	Yes	\$26.42	\$6.62
146	1-Sep-12	24	8	\$19.10	Yes	\$26.42	\$7.32
147	1-Sep-12	24	9	\$19.80	Yes	\$26.42	\$6.62
148	1-Sep-12	24	10	\$17.96	Yes	\$26.42	\$8.46
149	1-Sep-12	24	11	\$19.02	Yes	\$26.42	\$7.40
150	1-Sep-12	24	12	\$19.02	Yes	\$26.42	\$7.40
151	3-Sep-12	23	10	\$23.60	Yes	\$29.00	\$5.40
152	3-Sep-12	23	11	\$23.66	Yes	\$29.00	\$5.34
153	3-Sep-12	23	12	\$23.60	Yes	\$29.00	\$5.40
154	3-Sep-12	24	1	\$28.09	Yes	\$29.00	\$0.91
155	3-Sep-12	24	2	\$29.06	Yes	\$29.00	-\$0.06
156	3-Sep-12	24	3	\$32.41	Yes	\$29.00	-\$3.41
157	3-Sep-12	24	4	\$29.09	Yes	\$29.00	-\$0.09
158	3-Sep-12	24	5	\$29.03	Yes	\$29.00	-\$0.03
159	3-Sep-12	24	6	\$29.28	Yes	\$29.00	-\$0.28
160	3-Sep-12	24	7	\$28.68	Yes	\$29.00	\$0.32
161	3-Sep-12	24	8	\$24.77	Yes	\$29.00	\$4.23
162	3-Sep-12	24	9	\$24.54	Yes	\$29.00	\$4.46
163	3-Sep-12	24	10	\$25.87	Yes	\$29.00	\$3.13
164	3-Sep-12	24	11	\$25.21	Yes	\$29.00	\$3.79
165	3-Sep-12	24	12	\$24.37	Yes	\$29.00	\$4.63
166	4-Sep-12	1	1	\$24.79	Yes	\$29.00	\$4.21
167	4-Sep-12	1	2	\$24.79	Yes	\$29.00	\$4.21
168	4-Sep-12	1	3	\$24.79	Yes	\$29.00	\$4.21
169	4-Sep-12	22	1	\$24.26	Yes	\$29.00	\$4.74
170	4-Sep-12	22	2	\$24.26	Yes	\$29.00	\$4.74
171	4-Sep-12	22	3	\$24.43	Yes	\$29.00	\$4.57
172	4-Sep-12	22	5	\$23.18	Yes	\$29.00	\$5.82
173	4-Sep-12	22	6	\$23.26	Yes	\$29.00	\$5.74
174	4-Sep-12	22	7	\$23.40	Yes	\$29.00	\$5.61
175	4-Sep-12	22	8	\$23.40	Yes	\$29.00	\$5.61
176	4-Sep-12	22	9	\$23.79	Yes	\$29.00	\$5.21
177	4-Sep-12	22	10	\$23.14	Yes	\$29.00	\$5.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	4-Sep-12	22	11	\$22.45	Yes	\$29.00	\$6.55
179	4-Sep-12	22	12	\$21.69	Yes	\$29.00	\$7.31
180	4-Sep-12	23	1	\$24.54	Yes	\$29.00	\$4.46
181	4-Sep-12	23	2	\$24.97	Yes	\$29.00	\$4.03
182	4-Sep-12	23	3	\$26.28	Yes	\$29.00	\$2.72
183	4-Sep-12	23	4	\$27.81	Yes	\$29.00	\$1.20
184	4-Sep-12	23	5	\$28.36	Yes	\$29.00	\$0.64
185	4-Sep-12	23	6	\$27.44	Yes	\$29.00	\$1.56
186	4-Sep-12	23	7	\$26.18	Yes	\$29.00	\$2.82
187	4-Sep-12	23	8	\$25.46	Yes	\$29.00	\$3.54
188	4-Sep-12	23	9	\$22.32	Yes	\$29.00	\$6.68
189	4-Sep-12	23	10	\$19.95	Yes	\$29.00	\$9.05
190	4-Sep-12	23	11	\$20.70	Yes	\$29.00	\$8.30
191	4-Sep-12	23	12	\$13.86	Yes	\$29.00	\$15.14
192	4-Sep-12	24	1	\$23.19	Yes	\$29.00	\$5.81
193	4-Sep-12	24	2	\$24.53	Yes	\$29.00	\$4.47
194	4-Sep-12	24	3	\$27.89	Yes	\$29.00	\$1.11
195	4-Sep-12	24	4	\$25.42	Yes	\$29.00	\$3.58
196	4-Sep-12	24	5	\$23.59	Yes	\$29.00	\$5.41
197	4-Sep-12	24	6	\$23.62	Yes	\$29.00	\$5.38
198	4-Sep-12	24	7	\$23.78	Yes	\$29.00	\$5.22
199	4-Sep-12	24	8	\$23.08	Yes	\$29.00	\$5.92
200	4-Sep-12	24	9	\$22.54	Yes	\$29.00	\$6.46
201	4-Sep-12	24	11	\$22.21	Yes	\$29.00	\$6.79
202	4-Sep-12	24	12	\$21.35	Yes	\$29.00	\$7.65
203	5-Sep-12	1	1	\$25.37	Yes	\$31.00	\$5.63
204	5-Sep-12	1	2	\$28.45	Yes	\$31.00	\$2.55
205	5-Sep-12	1	3	\$29.45	Yes	\$31.00	\$1.55
206	5-Sep-12	1	4	\$29.45	Yes	\$31.00	\$1.55
207	5-Sep-12	1	5	\$29.45	Yes	\$31.00	\$1.55
208	5-Sep-12	1	6	\$29.45	Yes	\$31.00	\$1.55
209	5-Sep-12	1	7	\$29.45	Yes	\$31.00	\$1.55
210	5-Sep-12	1	8	\$29.45	Yes	\$31.00	\$1.55
211	5-Sep-12	1	9	\$29.45	Yes	\$31.00	\$1.55
212	5-Sep-12	1	10	\$29.45	Yes	\$31.00	\$1.55
213	5-Sep-12	1	11	\$29.45	Yes	\$31.00	\$1.55
214	5-Sep-12	1	12	\$30.98	Yes	\$31.00	\$0.02
215	5-Sep-12	2	1	\$30.98	Yes	\$31.00	\$0.02
216	5-Sep-12	2	2	\$30.98	Yes	\$31.00	\$0.02
217	5-Sep-12	2	3	\$30.98	Yes	\$31.00	\$0.02
218	5-Sep-12	2	4	\$30.98	Yes	\$31.00	\$0.02
219	5-Sep-12	2	5	\$27.12	Yes	\$31.00	\$3.88
220	5-Sep-12	2	6	\$27.12	Yes	\$31.00	\$3.88
221	5-Sep-12	2	7	\$27.25	Yes	\$31.00	\$3.75
222	5-Sep-12	2	8	\$45.31	Yes	\$31.00	-\$14.31

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	5-Sep-12	2	9	\$45.31	Yes	\$31.00	-\$14.31
224	5-Sep-12	2	10	\$35.87	Yes	\$31.00	-\$4.87
225	5-Sep-12	2	11	\$37.92	Yes	\$31.00	-\$6.92
226	5-Sep-12	2	12	\$31.15	Yes	\$31.00	-\$0.15
227	5-Sep-12	3	1	\$26.74	Yes	\$31.00	\$4.26
228	5-Sep-12	3	2	\$10.52	Yes	\$31.00	\$20.48
229	5-Sep-12	3	3	\$24.79	Yes	\$31.00	\$6.21
230	5-Sep-12	3	4	\$26.62	Yes	\$31.00	\$4.38
231	5-Sep-12	3	5	\$19.63	Yes	\$31.00	\$11.37
232	5-Sep-12	3	6	\$17.57	Yes	\$31.00	\$13.43
233	5-Sep-12	3	7	-\$32.17	Yes	\$31.00	\$63.17
234	5-Sep-12	3	8	-\$31.95	Yes	\$31.00	\$62.95
235	5-Sep-12	3	9	\$10.90	Yes	\$31.00	\$20.10
236	5-Sep-12	3	10	\$10.95	Yes	\$31.00	\$20.05
237	5-Sep-12	3	11	\$10.95	Yes	\$31.00	\$20.05
238	5-Sep-12	3	12	\$3.04	Yes	\$31.00	\$27.96
239	5-Sep-12	4	1	\$11.22	Yes	\$31.00	\$19.78
240	5-Sep-12	4	2	\$11.22	Yes	\$31.00	\$19.78
241	5-Sep-12	4	3	\$11.22	Yes	\$31.00	\$19.78
242	5-Sep-12	4	4	\$12.70	Yes	\$31.00	\$18.30
243	5-Sep-12	4	5	\$12.70	Yes	\$31.00	\$18.30
244	5-Sep-12	4	6	\$12.70	Yes	\$31.00	\$18.30
245	5-Sep-12	4	7	\$22.86	Yes	\$31.00	\$8.14
246	5-Sep-12	4	8	\$20.76	Yes	\$31.00	\$10.24
247	5-Sep-12	4	9	\$20.76	Yes	\$31.00	\$10.24
248	5-Sep-12	4	10	\$14.67	Yes	\$31.00	\$16.33
249	5-Sep-12	4	11	\$20.76	Yes	\$31.00	\$10.24
250	5-Sep-12	4	12	\$23.95	Yes	\$31.00	\$7.05
251	5-Sep-12	5	7	\$23.47	Yes	\$31.00	\$7.53
252	5-Sep-12	5	8	\$23.47	Yes	\$31.00	\$7.53
253	5-Sep-12	5	9	\$23.47	Yes	\$31.00	\$7.53
254	5-Sep-12	5	10	\$24.23	Yes	\$31.00	\$6.77
255	5-Sep-12	5	11	\$24.38	Yes	\$31.00	\$6.62
256	5-Sep-12	5	12	\$24.38	Yes	\$31.00	\$6.62
257	5-Sep-12	6	1	\$24.50	Yes	\$30.64	\$6.14
258	5-Sep-12	6	2	\$24.50	Yes	\$30.64	\$6.14
259	5-Sep-12	6	3	\$24.67	Yes	\$30.64	\$5.97
260	5-Sep-12	6	4	\$25.56	Yes	\$30.64	\$5.08
261	5-Sep-12	6	5	\$25.75	Yes	\$30.64	\$4.89
262	5-Sep-12	6	6	\$25.79	Yes	\$30.64	\$4.85
263	5-Sep-12	6	7	\$25.79	Yes	\$30.64	\$4.85
264	5-Sep-12	6	8	\$25.79	Yes	\$30.64	\$4.85
265	5-Sep-12	6	9	\$26.04	Yes	\$30.64	\$4.60
266	5-Sep-12	6	10	\$25.20	Yes	\$30.64	\$5.44
267	5-Sep-12	6	11	\$25.21	Yes	\$30.64	\$5.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	5-Sep-12	6	12	\$25.13	Yes	\$30.64	\$5.51
269	5-Sep-12	7	1	\$20.43	Yes	\$31.00	\$10.57
270	5-Sep-12	7	2	\$20.43	Yes	\$31.00	\$10.57
271	5-Sep-12	7	3	\$24.96	Yes	\$31.00	\$6.04
272	5-Sep-12	7	4	\$14.39	Yes	\$31.00	\$16.61
273	5-Sep-12	7	5	\$22.32	Yes	\$31.00	\$8.68
274	5-Sep-12	7	6	\$24.01	Yes	\$31.00	\$6.99
275	5-Sep-12	7	7	\$24.40	Yes	\$31.00	\$6.60
276	5-Sep-12	7	8	\$24.96	Yes	\$31.00	\$6.04
277	5-Sep-12	7	9	\$24.96	Yes	\$31.00	\$6.04
278	5-Sep-12	7	10	\$25.53	Yes	\$31.00	\$5.47
279	5-Sep-12	7	11	\$25.56	Yes	\$31.00	\$5.44
280	5-Sep-12	7	12	\$30.40	Yes	\$31.00	\$0.60
281	5-Sep-12	21	12	\$22.65	Yes	\$25.00	\$2.35
282	5-Sep-12	22	1	\$24.21	Yes	\$31.00	\$6.79
283	5-Sep-12	22	2	\$25.40	Yes	\$31.00	\$5.60
284	5-Sep-12	22	3	\$29.18	Yes	\$31.00	\$1.82
285	5-Sep-12	22	4	\$30.73	Yes	\$31.00	\$0.27
286	5-Sep-12	22	5	\$28.80	Yes	\$31.00	\$2.20
287	5-Sep-12	22	6	\$25.92	Yes	\$31.00	\$5.08
288	5-Sep-12	22	7	\$22.34	Yes	\$31.00	\$8.66
289	5-Sep-12	22	8	\$22.79	Yes	\$31.00	\$8.21
290	5-Sep-12	22	9	\$22.79	Yes	\$31.00	\$8.21
291	5-Sep-12	22	10	\$23.96	Yes	\$31.00	\$7.04
292	5-Sep-12	22	11	\$22.31	Yes	\$31.00	\$8.69
293	5-Sep-12	22	12	\$22.01	Yes	\$31.00	\$8.99
294	5-Sep-12	23	1	\$25.22	Yes	\$31.00	\$5.78
295	5-Sep-12	23	2	\$25.22	Yes	\$31.00	\$5.78
296	5-Sep-12	23	3	\$25.22	Yes	\$31.00	\$5.78
297	5-Sep-12	23	4	\$22.18	Yes	\$31.00	\$8.82
298	5-Sep-12	23	5	\$20.85	Yes	\$31.00	\$10.15
299	5-Sep-12	23	6	\$20.85	Yes	\$31.00	\$10.15
300	5-Sep-12	23	7	\$20.44	Yes	\$31.00	\$10.56
301	5-Sep-12	23	8	\$17.65	Yes	\$31.00	\$13.35
302	5-Sep-12	23	9	\$19.73	Yes	\$31.00	\$11.27
303	5-Sep-12	23	10	\$19.26	Yes	\$31.00	\$11.74
304	5-Sep-12	23	11	\$19.26	Yes	\$31.00	\$11.74
305	5-Sep-12	23	12	\$18.75	Yes	\$31.00	\$12.25
306	5-Sep-12	24	2	\$25.17	Yes	\$31.00	\$5.83
307	5-Sep-12	24	3	\$25.24	Yes	\$31.00	\$5.76
308	5-Sep-12	24	4	\$21.87	Yes	\$31.00	\$9.13
309	6-Sep-12	5	11	\$23.96	Yes	\$32.00	\$8.04
310	6-Sep-12	5	12	\$22.58	Yes	\$32.00	\$9.42
311	6-Sep-12	6	1	\$14.29	Yes	\$31.94	\$17.65
312	6-Sep-12	6	2	\$14.29	Yes	\$31.94	\$17.65

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	6-Sep-12	6	3	\$13.83	Yes	\$31.94	\$18.11
314	6-Sep-12	6	4	\$19.68	Yes	\$31.94	\$12.26
315	6-Sep-12	6	5	\$21.87	Yes	\$31.94	\$10.07
316	6-Sep-12	6	6	\$23.79	Yes	\$31.94	\$8.15
317	6-Sep-12	6	7	\$19.60	Yes	\$31.94	\$12.34
318	6-Sep-12	6	8	\$21.65	Yes	\$31.94	\$10.29
319	6-Sep-12	6	9	\$23.11	Yes	\$31.94	\$8.83
320	6-Sep-12	6	10	\$23.33	Yes	\$31.94	\$8.61
321	6-Sep-12	6	11	\$23.33	Yes	\$31.94	\$8.61
322	6-Sep-12	6	12	\$23.54	Yes	\$31.94	\$8.40
323	6-Sep-12	12	2	\$22.46	Yes	\$31.94	\$9.48
324	6-Sep-12	12	3	\$22.10	Yes	\$31.94	\$9.84
325	6-Sep-12	12	4	\$21.89	Yes	\$31.94	\$10.05
326	6-Sep-12	12	5	\$22.34	Yes	\$31.94	\$9.60
327	6-Sep-12	12	6	\$22.35	Yes	\$31.94	\$9.59
328	6-Sep-12	12	7	\$23.09	Yes	\$31.94	\$8.85
329	6-Sep-12	12	8	\$22.40	Yes	\$31.94	\$9.54
330	6-Sep-12	12	9	\$22.28	Yes	\$31.94	\$9.66
331	6-Sep-12	12	10	\$22.42	Yes	\$31.94	\$9.52
332	6-Sep-12	12	11	\$22.42	Yes	\$31.94	\$9.52
333	6-Sep-12	12	12	\$23.00	Yes	\$31.94	\$8.94
334	6-Sep-12	13	1	\$23.02	Yes	\$32.00	\$8.98
335	6-Sep-12	13	2	\$22.95	Yes	\$32.00	\$9.05
336	6-Sep-12	13	3	\$22.66	Yes	\$32.00	\$9.34
337	6-Sep-12	13	4	\$22.34	Yes	\$32.00	\$9.66
338	6-Sep-12	13	5	\$22.51	Yes	\$32.00	\$9.49
339	6-Sep-12	13	6	\$22.44	Yes	\$32.00	\$9.56
340	6-Sep-12	13	7	\$22.47	Yes	\$32.00	\$9.53
341	6-Sep-12	13	8	\$23.05	Yes	\$32.00	\$8.95
342	6-Sep-12	13	9	\$24.10	Yes	\$32.00	\$7.90
343	6-Sep-12	13	10	\$23.70	Yes	\$32.00	\$8.30
344	6-Sep-12	13	11	\$24.54	Yes	\$32.00	\$7.46
345	6-Sep-12	13	12	\$25.37	Yes	\$32.00	\$6.63
346	6-Sep-12	14	1	\$22.25	Yes	\$28.00	\$5.75
347	6-Sep-12	14	2	\$22.80	Yes	\$28.00	\$5.20
348	6-Sep-12	14	3	\$22.22	Yes	\$28.00	\$5.78
349	6-Sep-12	14	4	\$23.67	Yes	\$28.00	\$4.33
350	6-Sep-12	14	5	\$22.92	Yes	\$28.00	\$5.08
351	6-Sep-12	14	6	\$24.27	Yes	\$28.00	\$3.73
352	6-Sep-12	14	7	\$23.19	Yes	\$28.00	\$4.81
353	6-Sep-12	14	8	\$25.23	Yes	\$28.00	\$2.77
354	6-Sep-12	14	9	\$25.06	Yes	\$28.00	\$2.94
355	6-Sep-12	14	10	\$24.28	Yes	\$28.00	\$3.72
356	6-Sep-12	14	11	\$24.40	Yes	\$28.00	\$3.60
357	6-Sep-12	14	12	\$24.40	Yes	\$28.00	\$3.60

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	6-Sep-12	15	1	\$25.18	Yes	\$28.00	\$2.82
359	6-Sep-12	15	2	\$24.75	Yes	\$28.00	\$3.25
360	6-Sep-12	15	3	\$25.08	Yes	\$28.00	\$2.92
361	6-Sep-12	15	4	\$25.43	Yes	\$28.00	\$2.57
362	6-Sep-12	15	5	\$25.26	Yes	\$28.00	\$2.74
363	6-Sep-12	15	6	\$24.25	Yes	\$28.00	\$3.75
364	6-Sep-12	15	7	\$24.32	Yes	\$28.00	\$3.68
365	6-Sep-12	15	8	\$25.41	Yes	\$28.00	\$2.59
366	6-Sep-12	15	9	\$25.54	Yes	\$28.00	\$2.46
367	6-Sep-12	15	10	\$25.84	Yes	\$28.00	\$2.16
368	6-Sep-12	15	11	\$25.84	Yes	\$28.00	\$2.16
369	6-Sep-12	15	12	\$25.68	Yes	\$28.00	\$2.32
370	6-Sep-12	16	1	\$25.39	Yes	\$28.00	\$2.61
371	6-Sep-12	16	2	\$24.32	Yes	\$28.00	\$3.68
372	6-Sep-12	16	3	\$24.67	Yes	\$28.00	\$3.33
373	6-Sep-12	16	4	\$25.28	Yes	\$28.00	\$2.72
374	6-Sep-12	16	5	\$25.30	Yes	\$28.00	\$2.70
375	6-Sep-12	16	6	\$25.47	Yes	\$28.00	\$2.53
376	6-Sep-12	16	7	\$26.30	Yes	\$28.00	\$1.70
377	6-Sep-12	16	8	\$26.87	Yes	\$28.00	\$1.13
378	6-Sep-12	16	9	\$27.25	Yes	\$28.00	\$0.75
379	6-Sep-12	16	10	\$27.61	Yes	\$28.00	\$0.39
380	6-Sep-12	16	11	\$28.09	Yes	\$28.00	-\$0.09
381	6-Sep-12	16	12	\$27.80	Yes	\$28.00	\$0.20
382	6-Sep-12	17	1	\$27.06	Yes	\$28.00	\$0.94
383	6-Sep-12	17	2	\$27.48	Yes	\$28.00	\$0.52
384	6-Sep-12	17	3	\$28.26	Yes	\$28.00	-\$0.26
385	6-Sep-12	17	4	\$27.50	Yes	\$28.00	\$0.50
386	6-Sep-12	17	5	\$26.96	Yes	\$28.00	\$1.04
387	6-Sep-12	17	6	\$27.37	Yes	\$28.00	\$0.63
388	6-Sep-12	17	7	\$27.08	Yes	\$28.00	\$0.92
389	6-Sep-12	17	8	\$27.08	Yes	\$28.00	\$0.92
390	6-Sep-12	17	9	\$27.08	Yes	\$28.00	\$0.92
391	6-Sep-12	17	10	\$26.12	Yes	\$28.00	\$1.88
392	6-Sep-12	17	11	\$25.97	Yes	\$28.00	\$2.03
393	6-Sep-12	17	12	\$25.97	Yes	\$28.00	\$2.03
394	6-Sep-12	18	1	\$25.00	Yes	\$28.00	\$3.00
395	6-Sep-12	18	2	\$25.00	Yes	\$28.00	\$3.00
396	6-Sep-12	18	3	\$25.00	Yes	\$28.00	\$3.00
397	6-Sep-12	18	4	\$24.97	Yes	\$28.00	\$3.03
398	6-Sep-12	18	5	\$24.61	Yes	\$28.00	\$3.39
399	6-Sep-12	18	6	\$24.22	Yes	\$28.00	\$3.78
400	6-Sep-12	18	7	\$24.20	Yes	\$28.00	\$3.80
401	6-Sep-12	18	8	\$24.13	Yes	\$28.00	\$3.87
402	6-Sep-12	18	9	\$24.07	Yes	\$28.00	\$3.93

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	6-Sep-12	18	10	\$24.17	Yes	\$28.00	\$3.83
404	6-Sep-12	18	11	\$23.92	Yes	\$28.00	\$4.08
405	6-Sep-12	18	12	\$23.92	Yes	\$28.00	\$4.08
406	6-Sep-12	19	1	\$23.98	Yes	\$28.00	\$4.02
407	6-Sep-12	19	2	\$23.98	Yes	\$28.00	\$4.02
408	6-Sep-12	19	3	\$24.06	Yes	\$28.00	\$3.94
409	6-Sep-12	19	4	\$24.08	Yes	\$28.00	\$3.92
410	6-Sep-12	19	5	\$24.08	Yes	\$28.00	\$3.92
411	6-Sep-12	19	6	\$24.08	Yes	\$28.00	\$3.92
412	6-Sep-12	19	7	\$24.33	Yes	\$28.00	\$3.67
413	6-Sep-12	19	8	\$24.33	Yes	\$28.00	\$3.67
414	6-Sep-12	19	9	\$24.33	Yes	\$28.00	\$3.67
415	6-Sep-12	19	10	\$24.32	Yes	\$28.00	\$3.68
416	6-Sep-12	19	11	\$24.06	Yes	\$28.00	\$3.94
417	6-Sep-12	19	12	\$23.86	Yes	\$28.00	\$4.14
418	6-Sep-12	20	1	\$25.07	Yes	\$28.00	\$2.93
419	6-Sep-12	20	2	\$25.15	Yes	\$28.00	\$2.85
420	6-Sep-12	20	3	\$25.46	Yes	\$28.00	\$2.54
421	6-Sep-12	20	4	\$26.32	Yes	\$28.00	\$1.68
422	6-Sep-12	20	5	\$25.97	Yes	\$28.00	\$2.03
423	6-Sep-12	20	6	\$27.25	Yes	\$28.00	\$0.75
424	6-Sep-12	20	7	\$26.50	Yes	\$28.00	\$1.50
425	6-Sep-12	20	8	\$26.99	Yes	\$28.00	\$1.01
426	6-Sep-12	20	9	\$26.99	Yes	\$28.00	\$1.01
427	6-Sep-12	20	10	\$27.47	Yes	\$28.00	\$0.53
428	6-Sep-12	20	11	\$27.47	Yes	\$28.00	\$0.53
429	6-Sep-12	20	12	\$27.08	Yes	\$28.00	\$0.92
430	6-Sep-12	21	1	\$27.00	Yes	\$28.00	\$1.00
431	6-Sep-12	21	2	\$26.19	Yes	\$28.00	\$1.81
432	6-Sep-12	21	3	\$27.09	Yes	\$28.00	\$0.91
433	6-Sep-12	21	4	\$27.70	Yes	\$28.00	\$0.30
434	6-Sep-12	21	5	\$27.65	Yes	\$28.00	\$0.35
435	6-Sep-12	21	6	\$26.57	Yes	\$28.00	\$1.43
436	6-Sep-12	21	7	\$26.25	Yes	\$28.00	\$1.75
437	6-Sep-12	21	8	\$25.66	Yes	\$28.00	\$2.34
438	6-Sep-12	21	9	\$25.21	Yes	\$28.00	\$2.79
439	6-Sep-12	21	10	\$24.42	Yes	\$28.00	\$3.58
440	6-Sep-12	21	11	\$24.17	Yes	\$28.00	\$3.83
441	6-Sep-12	21	12	\$23.11	Yes	\$28.00	\$4.89
442	6-Sep-12	22	1	\$25.02	Yes	\$32.00	\$6.98
443	6-Sep-12	22	2	\$25.23	Yes	\$32.00	\$6.77
444	6-Sep-12	22	3	\$27.53	Yes	\$32.00	\$4.47
445	6-Sep-12	22	4	\$26.22	Yes	\$32.00	\$5.78
446	6-Sep-12	22	5	\$28.45	Yes	\$32.00	\$3.55
447	6-Sep-12	22	6	\$28.08	Yes	\$32.00	\$3.92

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	6-Sep-12	22	7	\$26.41	Yes	\$32.00	\$5.59
449	6-Sep-12	22	8	\$24.82	Yes	\$32.00	\$7.18
450	6-Sep-12	22	9	\$24.44	Yes	\$32.00	\$7.56
451	6-Sep-12	22	10	\$24.22	Yes	\$32.00	\$7.78
452	6-Sep-12	22	11	\$23.95	Yes	\$32.00	\$8.05
453	6-Sep-12	22	12	\$23.48	Yes	\$32.00	\$8.52
454	6-Sep-12	23	1	\$34.14	Yes	\$32.00	-\$2.14
455	6-Sep-12	23	2	\$34.01	Yes	\$32.00	-\$2.01
456	6-Sep-12	23	3	\$35.46	Yes	\$32.00	-\$3.46
457	6-Sep-12	23	4	\$34.43	Yes	\$32.00	-\$2.43
458	6-Sep-12	23	5	\$31.89	Yes	\$32.00	\$0.11
459	6-Sep-12	23	6	\$31.64	Yes	\$32.00	\$0.36
460	6-Sep-12	23	7	\$24.46	Yes	\$32.00	\$7.54
461	6-Sep-12	23	8	\$24.46	Yes	\$32.00	\$7.54
462	6-Sep-12	23	9	\$23.67	Yes	\$32.00	\$8.33
463	6-Sep-12	23	10	\$23.66	Yes	\$32.00	\$8.34
464	6-Sep-12	23	11	\$23.43	Yes	\$32.00	\$8.57
465	6-Sep-12	23	12	\$22.50	Yes	\$32.00	\$9.50
466	6-Sep-12	24	1	\$23.97	Yes	\$31.94	\$7.97
467	6-Sep-12	24	2	\$23.97	Yes	\$31.94	\$7.97
468	6-Sep-12	24	3	\$23.67	Yes	\$31.94	\$8.27
469	6-Sep-12	24	4	\$23.67	Yes	\$31.94	\$8.27
470	6-Sep-12	24	5	\$24.46	Yes	\$31.94	\$7.48
471	6-Sep-12	24	6	\$24.55	Yes	\$31.94	\$7.39
472	6-Sep-12	24	7	\$24.72	Yes	\$31.94	\$7.22
473	6-Sep-12	24	8	\$23.95	Yes	\$31.94	\$7.99
474	6-Sep-12	24	9	\$13.08	Yes	\$31.94	\$18.86
475	6-Sep-12	24	10	\$13.63	Yes	\$31.94	\$18.31
476	6-Sep-12	24	11	\$16.99	Yes	\$31.94	\$14.95
477	6-Sep-12	24	12	\$19.00	Yes	\$31.94	\$12.94
478	7-Sep-12	19	5	\$25.42	Yes	\$28.00	\$2.58
479	7-Sep-12	19	6	\$25.42	Yes	\$28.00	\$2.58
480	7-Sep-12	19	7	\$24.83	Yes	\$28.00	\$3.17
481	7-Sep-12	19	8	\$25.35	Yes	\$28.00	\$2.65
482	7-Sep-12	19	9	\$25.25	Yes	\$28.00	\$2.75
483	7-Sep-12	19	10	\$25.03	Yes	\$28.00	\$2.97
484	7-Sep-12	19	11	\$26.91	Yes	\$28.00	\$1.09
485	7-Sep-12	19	12	\$27.80	Yes	\$28.00	\$0.20
486	7-Sep-12	20	1	\$29.62	Yes	\$28.00	-\$1.62
487	7-Sep-12	20	2	\$30.21	Yes	\$28.00	-\$2.21
488	7-Sep-12	20	3	\$34.27	Yes	\$28.00	-\$6.27
489	7-Sep-12	20	4	\$32.99	Yes	\$28.00	-\$4.99
490	7-Sep-12	20	5	\$29.85	Yes	\$28.00	-\$1.85
491	7-Sep-12	20	6	\$29.45	Yes	\$28.00	-\$1.45
492	7-Sep-12	20	7	\$27.43	Yes	\$28.00	\$0.57

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	7-Sep-12	20	8	\$28.08	Yes	\$28.00	-\$0.08
494	7-Sep-12	20	9	\$28.08	Yes	\$28.00	-\$0.08
495	7-Sep-12	20	10	\$28.65	Yes	\$28.00	-\$0.65
496	7-Sep-12	20	11	\$28.64	Yes	\$28.00	-\$0.64
497	7-Sep-12	20	12	\$30.86	Yes	\$28.00	-\$2.86
498	7-Sep-12	21	1	\$1.20	Yes	\$28.00	\$26.80
499	7-Sep-12	21	2	\$26.49	Yes	\$28.00	\$1.51
500	7-Sep-12	21	3	\$23.00	Yes	\$28.00	\$5.00
501	7-Sep-12	21	4	\$28.71	Yes	\$28.00	-\$0.71
502	7-Sep-12	21	5	\$29.25	Yes	\$28.00	-\$1.25
503	7-Sep-12	21	6	\$32.03	Yes	\$28.00	-\$4.03
504	7-Sep-12	21	7	\$33.67	Yes	\$28.00	-\$5.67
505	7-Sep-12	21	8	\$32.91	Yes	\$28.00	-\$4.91
506	7-Sep-12	21	9	\$29.81	Yes	\$28.00	-\$1.81
507	7-Sep-12	21	10	\$30.80	Yes	\$28.00	-\$2.80
508	7-Sep-12	21	11	\$29.99	Yes	\$28.00	-\$1.99
509	7-Sep-12	21	12	\$29.99	Yes	\$28.00	-\$1.99
510	7-Sep-12	22	1	\$32.65	Yes	\$32.00	-\$0.65
511	7-Sep-12	22	2	\$32.47	Yes	\$32.00	-\$0.47
512	7-Sep-12	22	3	\$32.47	Yes	\$32.00	-\$0.47
513	7-Sep-12	22	4	\$31.50	Yes	\$32.00	\$0.50
514	7-Sep-12	22	5	\$32.83	Yes	\$32.00	-\$0.83
515	7-Sep-12	22	6	\$32.83	Yes	\$32.00	-\$0.83
516	7-Sep-12	22	7	\$1,000.60	Yes	\$32.00	-\$968.60
517	7-Sep-12	22	8	\$41.14	Yes	\$32.00	-\$9.14
518	7-Sep-12	22	9	\$33.90	Yes	\$32.00	-\$1.90
519	7-Sep-12	22	10	\$32.41	Yes	\$32.00	-\$0.41
520	7-Sep-12	22	11	\$29.24	Yes	\$32.00	\$2.76
521	7-Sep-12	22	12	\$27.23	Yes	\$32.00	\$4.77
522	7-Sep-12	23	1	\$34.14	Yes	\$32.00	-\$2.14
523	7-Sep-12	23	2	\$34.48	Yes	\$32.00	-\$2.48
524	7-Sep-12	23	3	\$35.01	Yes	\$32.00	-\$3.01
525	7-Sep-12	23	4	\$33.45	Yes	\$32.00	-\$1.45
526	7-Sep-12	23	5	\$33.55	Yes	\$32.00	-\$1.55
527	7-Sep-12	23	6	\$34.40	Yes	\$32.00	-\$2.40
528	7-Sep-12	23	7	\$34.87	Yes	\$32.00	-\$2.87
529	7-Sep-12	23	8	\$33.55	Yes	\$32.00	-\$1.55
530	7-Sep-12	23	9	\$30.55	Yes	\$32.00	\$1.45
531	7-Sep-12	23	10	\$23.98	Yes	\$32.00	\$8.02
532	7-Sep-12	23	11	\$27.63	Yes	\$32.00	\$4.37
533	7-Sep-12	23	12	\$29.43	Yes	\$32.00	\$2.57
534	7-Sep-12	24	1	\$32.11	Yes	\$32.00	-\$0.11
535	7-Sep-12	24	2	\$32.11	Yes	\$32.00	-\$0.11
536	7-Sep-12	24	3	\$32.13	Yes	\$32.00	-\$0.13
537	7-Sep-12	24	4	\$31.94	Yes	\$32.00	\$0.06

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	7-Sep-12	24	5	\$32.39	Yes	\$32.00	-\$0.39
539	7-Sep-12	24	6	\$31.94	Yes	\$32.00	\$0.06
540	7-Sep-12	24	7	\$31.94	Yes	\$32.00	\$0.06
541	7-Sep-12	24	8	\$30.83	Yes	\$32.00	\$1.17
542	7-Sep-12	24	9	\$26.79	Yes	\$32.00	\$5.21
543	7-Sep-12	24	10	\$25.03	Yes	\$32.00	\$6.97
544	7-Sep-12	24	11	\$24.59	Yes	\$32.00	\$7.41
545	7-Sep-12	24	12	\$25.98	Yes	\$32.00	\$6.02
546	8-Sep-12	1	1	\$30.21	Yes	\$32.00	\$1.79
547	8-Sep-12	1	2	\$30.21	Yes	\$32.00	\$1.79
548	8-Sep-12	1	3	\$31.10	Yes	\$32.00	\$0.90
549	8-Sep-12	1	4	\$31.71	Yes	\$32.00	\$0.29
550	8-Sep-12	1	5	\$34.75	Yes	\$32.00	-\$2.75
551	8-Sep-12	1	6	\$35.04	Yes	\$32.00	-\$3.04
552	8-Sep-12	1	7	\$33.88	Yes	\$32.00	-\$1.88
553	8-Sep-12	1	8	\$31.81	Yes	\$32.00	\$0.19
554	8-Sep-12	1	9	\$28.71	Yes	\$32.00	\$3.29
555	8-Sep-12	1	10	\$24.61	Yes	\$32.00	\$7.39
556	8-Sep-12	1	11	\$24.52	Yes	\$32.00	\$7.48
557	8-Sep-12	1	12	\$24.61	Yes	\$32.00	\$7.39
558	8-Sep-12	3	3	\$28.60	Yes	\$32.00	\$3.40
559	8-Sep-12	3	4	\$29.05	Yes	\$32.00	\$2.95
560	8-Sep-12	3	5	\$29.05	Yes	\$32.00	\$2.95
561	8-Sep-12	3	6	\$29.83	Yes	\$32.00	\$2.17
562	8-Sep-12	3	7	\$29.59	Yes	\$32.00	\$2.41
563	8-Sep-12	3	8	\$28.73	Yes	\$32.00	\$3.27
564	8-Sep-12	3	9	\$24.93	Yes	\$32.00	\$7.07
565	8-Sep-12	3	10	\$24.53	Yes	\$32.00	\$7.47
566	8-Sep-12	3	11	\$24.53	Yes	\$32.00	\$7.47
567	8-Sep-12	3	12	\$24.53	Yes	\$32.00	\$7.47
568	8-Sep-12	4	1	\$24.20	Yes	\$32.00	\$7.80
569	8-Sep-12	4	2	\$24.20	Yes	\$32.00	\$7.80
570	8-Sep-12	4	3	\$24.20	Yes	\$32.00	\$7.80
571	8-Sep-12	4	4	\$23.87	Yes	\$32.00	\$8.13
572	8-Sep-12	4	5	\$23.87	Yes	\$32.00	\$8.13
573	8-Sep-12	4	6	\$23.87	Yes	\$32.00	\$8.13
574	8-Sep-12	4	7	\$23.43	Yes	\$32.00	\$8.57
575	8-Sep-12	4	8	\$23.83	Yes	\$32.00	\$8.17
576	8-Sep-12	4	9	\$23.83	Yes	\$32.00	\$8.17
577	8-Sep-12	4	10	\$31.52	Yes	\$32.00	\$0.48
578	8-Sep-12	4	11	\$24.28	Yes	\$32.00	\$7.72
579	8-Sep-12	4	12	\$24.75	Yes	\$32.00	\$7.25
580	8-Sep-12	11	12	\$26.45	Yes	\$32.00	\$5.55
581	8-Sep-12	12	1	\$28.29	Yes	\$32.00	\$3.71
582	8-Sep-12	12	2	\$23.85	Yes	\$32.00	\$8.15

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	8-Sep-12	12	3	\$23.83	Yes	\$32.00	\$8.17
584	8-Sep-12	12	4	\$23.64	Yes	\$32.00	\$8.36
585	8-Sep-12	12	5	\$23.67	Yes	\$32.00	\$8.33
586	8-Sep-12	12	6	\$23.67	Yes	\$32.00	\$8.33
587	8-Sep-12	12	7	\$23.65	Yes	\$32.00	\$8.35
588	8-Sep-12	12	8	\$27.38	Yes	\$32.00	\$4.62
589	8-Sep-12	12	9	\$27.38	Yes	\$32.00	\$4.62
590	8-Sep-12	12	10	\$79.22	Yes	\$32.00	-\$47.22
591	8-Sep-12	12	11	\$35.50	Yes	\$32.00	-\$3.50
592	8-Sep-12	12	12	\$38.16	Yes	\$32.00	-\$6.16
593	8-Sep-12	13	1	\$30.49	Yes	\$32.00	\$1.51
594	8-Sep-12	13	2	\$23.17	Yes	\$32.00	\$8.83
595	8-Sep-12	13	3	\$22.04	Yes	\$32.00	\$9.96
596	8-Sep-12	13	4	\$23.26	Yes	\$32.00	\$8.74
597	8-Sep-12	13	5	\$23.22	Yes	\$32.00	\$8.78
598	8-Sep-12	13	6	\$59.53	Yes	\$32.00	-\$27.53
599	8-Sep-12	13	7	\$48.59	Yes	\$32.00	-\$16.59
600	8-Sep-12	13	8	\$59.76	Yes	\$32.00	-\$27.76
601	8-Sep-12	13	9	\$29.25	Yes	\$32.00	\$2.75
602	8-Sep-12	13	10	\$20.73	Yes	\$32.00	\$11.27
603	8-Sep-12	13	11	\$42.74	Yes	\$32.00	-\$10.74
604	8-Sep-12	13	12	\$21.64	Yes	\$32.00	\$10.36
605	8-Sep-12	14	1	\$21.90	Yes	\$32.00	\$10.10
606	8-Sep-12	14	2	\$21.90	Yes	\$32.00	\$10.10
607	8-Sep-12	14	3	\$21.74	Yes	\$32.00	\$10.26
608	8-Sep-12	14	4	\$21.08	Yes	\$32.00	\$10.92
609	8-Sep-12	14	5	\$21.34	Yes	\$32.00	\$10.66
610	8-Sep-12	14	6	\$21.48	Yes	\$32.00	\$10.52
611	8-Sep-12	14	7	\$22.11	Yes	\$32.00	\$9.89
612	8-Sep-12	14	8	\$22.25	Yes	\$32.00	\$9.75
613	8-Sep-12	14	9	\$22.30	Yes	\$32.00	\$9.70
614	8-Sep-12	14	10	\$41.75	Yes	\$32.00	-\$9.75
615	8-Sep-12	14	11	\$24.35	Yes	\$32.00	\$7.65
616	8-Sep-12	14	12	\$22.73	Yes	\$32.00	\$9.27
617	8-Sep-12	15	1	\$22.52	Yes	\$32.00	\$9.48
618	8-Sep-12	15	2	\$23.13	Yes	\$32.00	\$8.87
619	8-Sep-12	15	3	\$43.59	Yes	\$32.00	-\$11.59
620	8-Sep-12	15	4	\$14.24	Yes	\$32.00	\$17.76
621	8-Sep-12	15	5	\$18.04	Yes	\$32.00	\$13.96
622	8-Sep-12	15	6	\$18.35	Yes	\$32.00	\$13.65
623	8-Sep-12	15	7	\$19.93	Yes	\$32.00	\$12.07
624	8-Sep-12	15	8	\$19.95	Yes	\$32.00	\$12.05
625	8-Sep-12	15	9	\$19.74	Yes	\$32.00	\$12.26
626	8-Sep-12	15	10	\$8.01	Yes	\$32.00	\$23.99
627	8-Sep-12	15	11	\$9.28	Yes	\$32.00	\$22.72

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	8-Sep-12	15	12	\$16.77	Yes	\$32.00	\$15.23
629	8-Sep-12	18	2	\$23.69	Yes	\$28.00	\$4.31
630	8-Sep-12	18	3	\$23.69	Yes	\$28.00	\$4.31
631	8-Sep-12	18	4	\$23.43	Yes	\$28.00	\$4.57
632	8-Sep-12	18	5	\$23.42	Yes	\$28.00	\$4.58
633	8-Sep-12	18	6	\$23.17	Yes	\$28.00	\$4.83
634	8-Sep-12	18	7	\$24.27	Yes	\$28.00	\$3.73
635	8-Sep-12	18	8	\$24.27	Yes	\$28.00	\$3.73
636	8-Sep-12	18	9	\$24.27	Yes	\$28.00	\$3.73
637	8-Sep-12	18	10	\$22.87	Yes	\$28.00	\$5.13
638	8-Sep-12	18	11	\$23.94	Yes	\$28.00	\$4.06
639	8-Sep-12	18	12	\$27.03	Yes	\$28.00	\$0.97
640	8-Sep-12	19	1	\$25.78	Yes	\$32.00	\$6.22
641	8-Sep-12	19	2	\$28.18	Yes	\$32.00	\$3.82
642	8-Sep-12	19	3	\$29.07	Yes	\$32.00	\$2.93
643	8-Sep-12	19	4	\$63.60	Yes	\$32.00	-\$31.60
644	8-Sep-12	19	5	\$28.05	Yes	\$32.00	\$3.95
645	8-Sep-12	19	6	\$26.49	Yes	\$32.00	\$5.51
646	8-Sep-12	19	7	\$22.72	Yes	\$32.00	\$9.28
647	8-Sep-12	19	8	\$22.61	Yes	\$32.00	\$9.39
648	8-Sep-12	19	9	\$22.66	Yes	\$32.00	\$9.34
649	8-Sep-12	19	10	\$22.62	Yes	\$32.00	\$9.38
650	8-Sep-12	19	11	\$22.62	Yes	\$32.00	\$9.38
651	8-Sep-12	19	12	\$22.62	Yes	\$32.00	\$9.38
652	8-Sep-12	20	1	\$23.17	Yes	\$32.00	\$8.83
653	8-Sep-12	20	2	\$23.17	Yes	\$32.00	\$8.83
654	8-Sep-12	20	3	\$23.81	Yes	\$32.00	\$8.19
655	8-Sep-12	20	4	\$24.17	Yes	\$32.00	\$7.83
656	8-Sep-12	20	5	\$24.17	Yes	\$32.00	\$7.83
657	8-Sep-12	20	6	\$25.21	Yes	\$32.00	\$6.79
658	8-Sep-12	20	7	\$25.67	Yes	\$32.00	\$6.33
659	8-Sep-12	20	8	\$24.76	Yes	\$32.00	\$7.24
660	8-Sep-12	20	9	\$24.62	Yes	\$32.00	\$7.38
661	8-Sep-12	20	10	\$23.83	Yes	\$32.00	\$8.17
662	8-Sep-12	20	11	\$24.25	Yes	\$32.00	\$7.75
663	8-Sep-12	20	12	\$25.30	Yes	\$32.00	\$6.70
664	8-Sep-12	21	1	\$25.95	Yes	\$28.00	\$2.05
665	8-Sep-12	21	2	\$26.68	Yes	\$28.00	\$1.32
666	8-Sep-12	21	3	\$28.07	Yes	\$28.00	-\$0.07
667	8-Sep-12	21	4	\$28.92	Yes	\$28.00	-\$0.92
668	8-Sep-12	21	5	\$28.92	Yes	\$28.00	-\$0.92
669	8-Sep-12	21	6	\$28.92	Yes	\$28.00	-\$0.92
670	8-Sep-12	21	7	\$27.66	Yes	\$28.00	\$0.34
671	8-Sep-12	21	8	\$26.63	Yes	\$28.00	\$1.37
672	8-Sep-12	21	9	\$22.97	Yes	\$28.00	\$5.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	8-Sep-12	21	10	\$22.62	Yes	\$28.00	\$5.38
674	8-Sep-12	21	11	\$22.62	Yes	\$28.00	\$5.38
675	8-Sep-12	21	12	\$22.62	Yes	\$28.00	\$5.38
676	8-Sep-12	22	1	\$27.70	Yes	\$32.00	\$4.30
677	8-Sep-12	22	2	\$32.25	Yes	\$32.00	-\$0.25
678	8-Sep-12	22	3	\$36.07	Yes	\$32.00	-\$4.07
679	8-Sep-12	22	4	\$35.97	Yes	\$32.00	-\$3.97
680	8-Sep-12	22	5	\$36.54	Yes	\$32.00	-\$4.54
681	8-Sep-12	22	6	\$33.84	Yes	\$32.00	-\$1.84
682	8-Sep-12	22	7	\$26.52	Yes	\$32.00	\$5.48
683	8-Sep-12	22	8	\$26.52	Yes	\$32.00	\$5.48
684	8-Sep-12	22	9	\$26.13	Yes	\$32.00	\$5.87
685	8-Sep-12	22	10	\$23.36	Yes	\$32.00	\$8.64
686	8-Sep-12	22	11	\$26.55	Yes	\$32.00	\$5.45
687	8-Sep-12	22	12	\$44.57	Yes	\$32.00	-\$12.57
688	9-Sep-12	15	6	\$22.55	Yes	\$32.00	\$9.45
689	9-Sep-12	15	7	\$22.69	Yes	\$32.00	\$9.31
690	9-Sep-12	15	8	\$23.15	Yes	\$32.00	\$8.85
691	9-Sep-12	15	9	\$23.09	Yes	\$32.00	\$8.91
692	9-Sep-12	15	10	\$22.61	Yes	\$32.00	\$9.39
693	9-Sep-12	15	11	\$22.46	Yes	\$32.00	\$9.54
694	9-Sep-12	15	12	\$22.85	Yes	\$32.00	\$9.15
695	9-Sep-12	16	1	\$28.67	Yes	\$32.00	\$3.33
696	9-Sep-12	16	2	\$28.16	Yes	\$32.00	\$3.84
697	9-Sep-12	16	3	\$24.92	Yes	\$32.00	\$7.08
698	9-Sep-12	16	4	\$44.04	Yes	\$32.00	-\$12.04
699	9-Sep-12	16	5	\$51.13	Yes	\$32.00	-\$19.13
700	9-Sep-12	16	6	\$50.72	Yes	\$32.00	-\$18.72
701	9-Sep-12	16	7	\$45.43	Yes	\$32.00	-\$13.43
702	9-Sep-12	16	8	\$47.13	Yes	\$32.00	-\$15.13
703	9-Sep-12	16	9	\$47.13	Yes	\$32.00	-\$15.13
704	9-Sep-12	16	10	\$23.25	Yes	\$32.00	\$8.75
705	9-Sep-12	16	11	\$22.68	Yes	\$32.00	\$9.32
706	9-Sep-12	16	12	\$22.66	Yes	\$32.00	\$9.34
707	9-Sep-12	17	1	\$42.32	Yes	\$32.00	-\$10.32
708	9-Sep-12	17	2	\$21.14	Yes	\$32.00	\$10.86
709	9-Sep-12	17	3	\$22.66	Yes	\$32.00	\$9.34
710	9-Sep-12	17	4	\$22.09	Yes	\$32.00	\$9.91
711	9-Sep-12	17	5	\$21.73	Yes	\$32.00	\$10.27
712	9-Sep-12	17	6	\$23.15	Yes	\$32.00	\$8.85
713	9-Sep-12	17	7	\$22.85	Yes	\$32.00	\$9.15
714	9-Sep-12	17	8	\$22.54	Yes	\$32.00	\$9.46
715	9-Sep-12	17	9	\$22.54	Yes	\$32.00	\$9.46
716	9-Sep-12	17	10	\$25.97	Yes	\$32.00	\$6.03
717	9-Sep-12	17	11	\$25.97	Yes	\$32.00	\$6.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	9-Sep-12	17	12	\$25.24	Yes	\$32.00	\$6.76
719	9-Sep-12	18	1	\$28.47	Yes	\$32.00	\$3.53
720	9-Sep-12	18	2	\$30.17	Yes	\$32.00	\$1.83
721	9-Sep-12	18	3	\$30.06	Yes	\$32.00	\$1.94
722	9-Sep-12	18	4	\$69.40	Yes	\$32.00	-\$37.40
723	9-Sep-12	18	5	\$78.31	Yes	\$32.00	-\$46.31
724	9-Sep-12	18	6	\$78.31	Yes	\$32.00	-\$46.31
725	9-Sep-12	18	7	\$85.39	Yes	\$32.00	-\$53.39
726	9-Sep-12	18	8	\$68.47	Yes	\$32.00	-\$36.47
727	9-Sep-12	18	9	\$78.31	Yes	\$32.00	-\$46.31
728	9-Sep-12	18	10	\$88.51	Yes	\$32.00	-\$56.51
729	9-Sep-12	18	11	\$88.90	Yes	\$32.00	-\$56.90
730	9-Sep-12	18	12	\$88.89	Yes	\$32.00	-\$56.89
731	9-Sep-12	19	1	\$126.20	Yes	\$32.00	-\$94.20
732	9-Sep-12	19	2	\$44.44	Yes	\$32.00	-\$12.44
733	9-Sep-12	19	3	\$38.42	Yes	\$32.00	-\$6.42
734	9-Sep-12	19	4	\$126.12	Yes	\$32.00	-\$94.12
735	9-Sep-12	19	5	\$56.35	Yes	\$32.00	-\$24.35
736	9-Sep-12	19	6	\$36.26	Yes	\$32.00	-\$4.26
737	9-Sep-12	19	7	\$33.98	Yes	\$32.00	-\$1.98
738	9-Sep-12	19	8	\$34.86	Yes	\$32.00	-\$2.86
739	9-Sep-12	19	9	\$36.45	Yes	\$32.00	-\$4.45
740	9-Sep-12	19	10	\$48.91	Yes	\$32.00	-\$16.91
741	9-Sep-12	19	11	\$38.17	Yes	\$32.00	-\$6.17
742	9-Sep-12	19	12	\$31.38	Yes	\$32.00	\$0.62
743	10-Sep-12	3	4	\$24.67	Yes	\$32.00	\$7.33
744	10-Sep-12	3	5	\$25.45	Yes	\$32.00	\$6.55
745	10-Sep-12	3	6	\$25.97	Yes	\$32.00	\$6.03
746	10-Sep-12	3	7	\$24.24	Yes	\$32.00	\$7.76
747	10-Sep-12	3	8	\$24.22	Yes	\$32.00	\$7.78
748	10-Sep-12	3	9	\$23.50	Yes	\$32.00	\$8.50
749	10-Sep-12	3	10	\$23.53	Yes	\$32.00	\$8.47
750	10-Sep-12	3	11	\$24.20	Yes	\$32.00	\$7.80
751	10-Sep-12	3	12	\$24.25	Yes	\$32.00	\$7.75
752	10-Sep-12	4	1	\$23.26	Yes	\$32.00	\$8.74
753	10-Sep-12	4	2	\$23.24	Yes	\$32.00	\$8.76
754	10-Sep-12	4	3	\$22.45	Yes	\$32.00	\$9.55
755	10-Sep-12	4	4	\$22.23	Yes	\$32.00	\$9.77
756	10-Sep-12	4	5	\$22.23	Yes	\$32.00	\$9.77
757	10-Sep-12	4	6	\$22.23	Yes	\$32.00	\$9.77
758	10-Sep-12	4	7	\$23.48	Yes	\$32.00	\$8.52
759	10-Sep-12	4	8	\$23.40	Yes	\$32.00	\$8.60
760	10-Sep-12	4	9	\$23.06	Yes	\$32.00	\$8.94
761	10-Sep-12	4	10	\$20.62	Yes	\$32.00	\$11.38
762	10-Sep-12	4	11	\$21.46	Yes	\$32.00	\$10.54

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	10-Sep-12	4	12	\$22.73	Yes	\$32.00	\$9.27
764	10-Sep-12	17	2	\$27.94	Yes	\$28.00	\$0.06
765	10-Sep-12	17	3	\$27.93	Yes	\$28.00	\$0.07
766	10-Sep-12	17	4	\$28.02	Yes	\$28.00	-\$0.02
767	10-Sep-12	17	5	\$28.62	Yes	\$28.00	-\$0.62
768	10-Sep-12	17	6	\$28.12	Yes	\$28.00	-\$0.12
769	10-Sep-12	17	7	\$28.98	Yes	\$28.00	-\$0.98
770	10-Sep-12	17	8	\$28.25	Yes	\$28.00	-\$0.25
771	10-Sep-12	17	9	\$28.25	Yes	\$28.00	-\$0.25
772	10-Sep-12	17	10	\$28.18	Yes	\$28.00	-\$0.18
773	10-Sep-12	17	11	\$28.52	Yes	\$28.00	-\$0.52
774	10-Sep-12	17	12	\$31.53	Yes	\$28.00	-\$3.53
775	10-Sep-12	18	1	\$26.93	Yes	\$28.00	\$1.07
776	10-Sep-12	18	2	\$27.07	Yes	\$28.00	\$0.93
777	10-Sep-12	18	3	\$28.29	Yes	\$28.00	-\$0.29
778	10-Sep-12	18	4	\$29.27	Yes	\$28.00	-\$1.27
779	10-Sep-12	18	5	\$28.41	Yes	\$28.00	-\$0.41
780	10-Sep-12	18	6	\$29.16	Yes	\$28.00	-\$1.16
781	10-Sep-12	18	7	\$29.06	Yes	\$28.00	-\$1.06
782	10-Sep-12	18	8	\$29.04	Yes	\$28.00	-\$1.04
783	10-Sep-12	18	9	\$29.04	Yes	\$28.00	-\$1.04
784	10-Sep-12	18	10	\$32.00	Yes	\$28.00	-\$4.00
785	10-Sep-12	18	11	\$31.53	Yes	\$28.00	-\$3.53
786	10-Sep-12	18	12	\$29.27	Yes	\$28.00	-\$1.27
787	10-Sep-12	19	1	\$32.59	Yes	\$28.00	-\$4.59
788	10-Sep-12	19	2	\$34.41	Yes	\$28.00	-\$6.41
789	10-Sep-12	19	3	\$41.22	Yes	\$28.00	-\$13.22
790	10-Sep-12	19	4	\$38.18	Yes	\$28.00	-\$10.18
791	10-Sep-12	19	5	\$36.16	Yes	\$28.00	-\$8.16
792	10-Sep-12	19	6	\$35.03	Yes	\$28.00	-\$7.03
793	10-Sep-12	19	7	\$28.82	Yes	\$28.00	-\$0.82
794	10-Sep-12	19	8	\$28.82	Yes	\$28.00	-\$0.82
795	10-Sep-12	19	9	\$31.05	Yes	\$28.00	-\$3.05
796	10-Sep-12	19	10	\$37.50	Yes	\$28.00	-\$9.50
797	10-Sep-12	19	11	\$32.34	Yes	\$28.00	-\$4.34
798	10-Sep-12	19	12	\$33.63	Yes	\$28.00	-\$5.63
799	10-Sep-12	20	1	\$32.80	Yes	\$28.00	-\$4.80
800	10-Sep-12	20	2	\$32.80	Yes	\$28.00	-\$4.80
801	10-Sep-12	20	3	\$34.44	Yes	\$28.00	-\$6.44
802	10-Sep-12	20	4	\$32.54	Yes	\$28.00	-\$4.54
803	10-Sep-12	20	5	\$32.54	Yes	\$28.00	-\$4.54
804	10-Sep-12	20	6	\$32.54	Yes	\$28.00	-\$4.54
805	10-Sep-12	20	7	\$30.58	Yes	\$28.00	-\$2.58
806	10-Sep-12	20	8	\$31.23	Yes	\$28.00	-\$3.23
807	10-Sep-12	20	9	\$31.23	Yes	\$28.00	-\$3.23

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	10-Sep-12	20	10	\$35.24	Yes	\$28.00	-\$7.24
809	10-Sep-12	20	11	\$35.24	Yes	\$28.00	-\$7.24
810	10-Sep-12	20	12	\$34.61	Yes	\$28.00	-\$6.61
811	10-Sep-12	21	1	\$36.94	Yes	\$28.00	-\$8.94
812	10-Sep-12	21	2	\$34.71	Yes	\$28.00	-\$6.71
813	10-Sep-12	21	3	\$31.79	Yes	\$28.00	-\$3.79
814	10-Sep-12	21	4	\$33.32	Yes	\$28.00	-\$5.32
815	10-Sep-12	21	5	\$29.51	Yes	\$28.00	-\$1.51
816	10-Sep-12	21	6	\$28.56	Yes	\$28.00	-\$0.56
817	10-Sep-12	21	7	\$28.11	Yes	\$28.00	-\$0.11
818	10-Sep-12	21	8	\$27.74	Yes	\$28.00	\$0.26
819	10-Sep-12	21	9	\$27.25	Yes	\$28.00	\$0.75
820	10-Sep-12	21	10	\$27.77	Yes	\$28.00	\$0.23
821	10-Sep-12	21	11	\$26.86	Yes	\$28.00	\$1.14
822	10-Sep-12	21	12	\$25.59	Yes	\$28.00	\$2.41
823	10-Sep-12	22	1	\$28.15	Yes	\$32.00	\$3.85
824	10-Sep-12	22	2	\$29.80	Yes	\$32.00	\$2.20
825	10-Sep-12	22	3	\$37.54	Yes	\$32.00	-\$5.54
826	10-Sep-12	22	4	\$34.58	Yes	\$32.00	-\$2.58
827	10-Sep-12	22	5	\$35.87	Yes	\$32.00	-\$3.87
828	10-Sep-12	22	6	\$34.58	Yes	\$32.00	-\$2.58
829	10-Sep-12	22	7	\$34.51	Yes	\$32.00	-\$2.51
830	10-Sep-12	22	8	\$31.03	Yes	\$32.00	\$0.97
831	10-Sep-12	22	9	\$28.80	Yes	\$32.00	\$3.20
832	10-Sep-12	22	10	\$27.01	Yes	\$32.00	\$4.99
833	10-Sep-12	22	11	\$26.43	Yes	\$32.00	\$5.57
834	10-Sep-12	22	12	\$23.72	Yes	\$32.00	\$8.28
835	10-Sep-12	23	11	\$24.31	Yes	\$32.00	\$7.69
836	10-Sep-12	23	12	\$24.27	Yes	\$32.00	\$7.73
837	10-Sep-12	24	1	\$29.13	Yes	\$1.00	-\$28.13
838	10-Sep-12	24	2	\$31.20	Yes	\$1.00	-\$30.20
839	10-Sep-12	24	3	\$31.22	Yes	\$1.00	-\$30.22
840	10-Sep-12	24	4	\$29.97	Yes	\$1.00	-\$28.97
841	10-Sep-12	24	5	\$30.85	Yes	\$1.00	-\$29.85
842	10-Sep-12	24	6	\$30.85	Yes	\$1.00	-\$29.85
843	10-Sep-12	24	7	\$23.39	Yes	\$1.00	-\$22.39
844	10-Sep-12	24	8	\$22.91	Yes	\$1.00	-\$21.91
845	10-Sep-12	24	9	\$22.90	Yes	\$1.00	-\$21.90
846	10-Sep-12	24	10	\$22.32	Yes	\$1.00	-\$21.32
847	10-Sep-12	24	11	\$20.79	Yes	\$1.00	-\$19.79
848	10-Sep-12	24	12	\$22.98	Yes	\$1.00	-\$21.98
849	11-Sep-12	12	7	\$27.20	Yes	\$32.00	\$4.80
850	11-Sep-12	12	8	\$29.11	Yes	\$32.00	\$2.89
851	11-Sep-12	12	9	\$27.19	Yes	\$32.00	\$4.81
852	11-Sep-12	12	10	\$30.08	Yes	\$32.00	\$1.92

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	11-Sep-12	12	11	\$30.14	Yes	\$32.00	\$1.86
854	11-Sep-12	12	12	\$29.35	Yes	\$32.00	\$2.65
855	11-Sep-12	13	1	\$24.35	Yes	\$32.00	\$7.65
856	11-Sep-12	13	2	\$25.56	Yes	\$32.00	\$6.44
857	11-Sep-12	13	3	\$25.00	Yes	\$32.00	\$7.00
858	11-Sep-12	13	4	\$24.99	Yes	\$32.00	\$7.01
859	11-Sep-12	13	5	\$25.64	Yes	\$32.00	\$6.36
860	11-Sep-12	13	6	\$24.96	Yes	\$32.00	\$7.04
861	11-Sep-12	13	7	\$24.27	Yes	\$32.00	\$7.73
862	11-Sep-12	13	8	\$25.13	Yes	\$32.00	\$6.87
863	11-Sep-12	13	9	\$25.58	Yes	\$32.00	\$6.42
864	11-Sep-12	13	10	\$25.16	Yes	\$32.00	\$6.84
865	11-Sep-12	13	11	\$25.68	Yes	\$32.00	\$6.32
866	11-Sep-12	13	12	\$25.95	Yes	\$32.00	\$6.05
867	11-Sep-12	14	1	\$24.35	Yes	\$32.00	\$7.65
868	11-Sep-12	14	2	\$24.57	Yes	\$32.00	\$7.43
869	11-Sep-12	14	3	\$24.24	Yes	\$32.00	\$7.76
870	11-Sep-12	14	4	\$24.27	Yes	\$32.00	\$7.73
871	11-Sep-12	14	5	\$24.27	Yes	\$32.00	\$7.73
872	11-Sep-12	14	6	\$24.27	Yes	\$32.00	\$7.73
873	11-Sep-12	14	7	\$23.56	Yes	\$32.00	\$8.44
874	11-Sep-12	14	8	\$23.56	Yes	\$32.00	\$8.44
875	11-Sep-12	14	9	\$23.56	Yes	\$32.00	\$8.44
876	11-Sep-12	14	10	\$23.32	Yes	\$32.00	\$8.68
877	11-Sep-12	14	11	\$23.32	Yes	\$32.00	\$8.68
878	11-Sep-12	14	12	\$23.66	Yes	\$32.00	\$8.34
879	11-Sep-12	15	1	\$22.42	Yes	\$32.00	\$9.58
880	11-Sep-12	15	2	\$22.69	Yes	\$32.00	\$9.31
881	11-Sep-12	15	3	\$22.75	Yes	\$32.00	\$9.25
882	11-Sep-12	15	4	\$23.10	Yes	\$32.00	\$8.90
883	11-Sep-12	15	5	\$23.10	Yes	\$32.00	\$8.90
884	11-Sep-12	15	6	\$23.12	Yes	\$32.00	\$8.88
885	11-Sep-12	15	7	\$23.27	Yes	\$32.00	\$8.73
886	11-Sep-12	15	8	\$23.27	Yes	\$32.00	\$8.73
887	11-Sep-12	15	9	\$23.45	Yes	\$32.00	\$8.55
888	11-Sep-12	15	10	\$23.35	Yes	\$32.00	\$8.65
889	11-Sep-12	15	11	\$23.21	Yes	\$32.00	\$8.79
890	11-Sep-12	15	12	\$24.13	Yes	\$32.00	\$7.87
891	11-Sep-12	16	1	\$23.12	Yes	\$28.00	\$4.88
892	11-Sep-12	16	2	\$23.92	Yes	\$28.00	\$4.08
893	11-Sep-12	16	3	\$24.52	Yes	\$28.00	\$3.48
894	11-Sep-12	16	4	\$24.75	Yes	\$28.00	\$3.25
895	11-Sep-12	16	5	\$24.75	Yes	\$28.00	\$3.25
896	11-Sep-12	16	6	\$24.75	Yes	\$28.00	\$3.25
897	11-Sep-12	16	7	\$24.15	Yes	\$28.00	\$3.85

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	11-Sep-12	16	8	\$24.66	Yes	\$28.00	\$3.34
899	11-Sep-12	16	9	\$24.36	Yes	\$28.00	\$3.64
900	11-Sep-12	16	10	\$24.14	Yes	\$28.00	\$3.86
901	11-Sep-12	16	11	\$24.14	Yes	\$28.00	\$3.86
902	11-Sep-12	16	12	\$24.14	Yes	\$28.00	\$3.86
903	11-Sep-12	17	1	\$24.75	Yes	\$28.00	\$3.25
904	11-Sep-12	17	2	\$24.13	Yes	\$28.00	\$3.87
905	11-Sep-12	17	3	\$24.75	Yes	\$28.00	\$3.25
906	11-Sep-12	17	4	\$23.61	Yes	\$28.00	\$4.39
907	11-Sep-12	17	5	\$23.61	Yes	\$28.00	\$4.39
908	11-Sep-12	17	6	\$23.61	Yes	\$28.00	\$4.39
909	11-Sep-12	17	7	\$23.69	Yes	\$28.00	\$4.31
910	11-Sep-12	17	8	\$23.69	Yes	\$28.00	\$4.31
911	11-Sep-12	17	9	\$23.64	Yes	\$28.00	\$4.36
912	11-Sep-12	17	10	\$23.55	Yes	\$28.00	\$4.45
913	11-Sep-12	17	11	\$23.60	Yes	\$28.00	\$4.40
914	11-Sep-12	17	12	\$23.60	Yes	\$28.00	\$4.40
915	11-Sep-12	18	1	\$23.65	Yes	\$28.00	\$4.35
916	11-Sep-12	18	2	\$23.75	Yes	\$28.00	\$4.25
917	11-Sep-12	18	3	\$24.04	Yes	\$28.00	\$3.96
918	11-Sep-12	18	4	\$23.65	Yes	\$28.00	\$4.35
919	11-Sep-12	18	5	\$23.62	Yes	\$28.00	\$4.38
920	11-Sep-12	18	6	\$23.59	Yes	\$28.00	\$4.41
921	11-Sep-12	18	7	\$23.57	Yes	\$28.00	\$4.43
922	11-Sep-12	18	8	\$23.57	Yes	\$28.00	\$4.43
923	11-Sep-12	18	9	\$23.57	Yes	\$28.00	\$4.43
924	11-Sep-12	18	10	\$23.65	Yes	\$28.00	\$4.35
925	11-Sep-12	18	11	\$23.66	Yes	\$28.00	\$4.34
926	11-Sep-12	18	12	\$23.66	Yes	\$28.00	\$4.34
927	11-Sep-12	19	1	\$23.78	Yes	\$28.00	\$4.22
928	11-Sep-12	19	2	\$23.78	Yes	\$28.00	\$4.22
929	11-Sep-12	19	3	\$23.96	Yes	\$28.00	\$4.04
930	11-Sep-12	19	4	\$24.05	Yes	\$28.00	\$3.95
931	11-Sep-12	19	5	\$24.27	Yes	\$28.00	\$3.73
932	11-Sep-12	19	6	\$24.21	Yes	\$28.00	\$3.79
933	11-Sep-12	19	7	\$23.21	Yes	\$28.00	\$4.79
934	11-Sep-12	19	8	\$23.41	Yes	\$28.00	\$4.59
935	11-Sep-12	19	9	\$23.41	Yes	\$28.00	\$4.59
936	11-Sep-12	19	10	\$23.67	Yes	\$28.00	\$4.33
937	11-Sep-12	19	11	\$23.67	Yes	\$28.00	\$4.33
938	11-Sep-12	19	12	\$23.83	Yes	\$28.00	\$4.17
939	11-Sep-12	20	1	\$24.19	Yes	\$32.00	\$7.81
940	11-Sep-12	20	2	\$24.75	Yes	\$32.00	\$7.25
941	11-Sep-12	20	3	\$24.78	Yes	\$32.00	\$7.22
942	11-Sep-12	20	4	\$25.42	Yes	\$32.00	\$6.58

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	11-Sep-12	20	5	\$26.50	Yes	\$32.00	\$5.50
944	11-Sep-12	20	6	\$27.60	Yes	\$32.00	\$4.40
945	11-Sep-12	20	7	\$27.72	Yes	\$32.00	\$4.28
946	11-Sep-12	20	8	\$27.74	Yes	\$32.00	\$4.26
947	11-Sep-12	20	9	\$27.98	Yes	\$32.00	\$4.02
948	11-Sep-12	20	10	\$28.11	Yes	\$32.00	\$3.89
949	11-Sep-12	20	11	\$28.71	Yes	\$32.00	\$3.29
950	11-Sep-12	20	12	\$28.98	Yes	\$32.00	\$3.02
951	11-Sep-12	21	1	\$27.40	Yes	\$32.00	\$4.60
952	11-Sep-12	21	2	\$26.79	Yes	\$32.00	\$5.21
953	11-Sep-12	21	3	\$26.79	Yes	\$32.00	\$5.21
954	11-Sep-12	21	4	\$26.83	Yes	\$32.00	\$5.17
955	11-Sep-12	21	5	\$25.96	Yes	\$32.00	\$6.04
956	11-Sep-12	21	6	\$24.45	Yes	\$32.00	\$7.55
957	11-Sep-12	21	7	\$24.18	Yes	\$32.00	\$7.82
958	11-Sep-12	21	8	\$24.18	Yes	\$32.00	\$7.82
959	11-Sep-12	21	9	\$24.21	Yes	\$32.00	\$7.79
960	11-Sep-12	21	10	\$23.81	Yes	\$32.00	\$8.19
961	11-Sep-12	21	11	\$23.80	Yes	\$32.00	\$8.20
962	11-Sep-12	21	12	\$22.14	Yes	\$32.00	\$9.86
963	11-Sep-12	22	1	\$24.17	Yes	\$32.00	\$7.83
964	11-Sep-12	22	2	\$24.00	Yes	\$32.00	\$8.00
965	11-Sep-12	22	3	\$24.10	Yes	\$32.00	\$7.90
966	11-Sep-12	22	4	\$23.46	Yes	\$32.00	\$8.54
967	11-Sep-12	22	5	\$23.83	Yes	\$32.00	\$8.17
968	11-Sep-12	22	6	\$23.82	Yes	\$32.00	\$8.18
969	11-Sep-12	22	7	\$23.87	Yes	\$32.00	\$8.13
970	11-Sep-12	22	8	\$22.53	Yes	\$32.00	\$9.47
971	11-Sep-12	22	9	\$21.63	Yes	\$32.00	\$10.37
972	11-Sep-12	22	10	\$20.76	Yes	\$32.00	\$11.24
973	11-Sep-12	22	11	\$21.11	Yes	\$32.00	\$10.89
974	11-Sep-12	22	12	\$20.91	Yes	\$32.00	\$11.09
975	13-Sep-12	10	1	\$17.50	Yes	\$32.00	\$14.50
976	13-Sep-12	10	2	\$17.50	Yes	\$32.00	\$14.50
977	13-Sep-12	10	3	\$17.98	Yes	\$32.00	\$14.02
978	13-Sep-12	10	4	\$20.10	Yes	\$32.00	\$11.90
979	13-Sep-12	10	5	\$23.43	Yes	\$32.00	\$8.57
980	13-Sep-12	10	6	\$20.82	Yes	\$32.00	\$11.18
981	13-Sep-12	10	7	\$22.69	Yes	\$32.00	\$9.31
982	13-Sep-12	10	8	\$22.69	Yes	\$32.00	\$9.31
983	13-Sep-12	10	9	\$22.22	Yes	\$32.00	\$9.78
984	13-Sep-12	10	10	\$51.00	Yes	\$32.00	-\$19.00
985	13-Sep-12	10	11	\$28.39	Yes	\$32.00	\$3.61
986	13-Sep-12	10	12	\$20.26	Yes	\$32.00	\$11.74
987	13-Sep-12	11	1	\$21.37	Yes	\$32.00	\$10.63

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	13-Sep-12	11	2	\$23.21	Yes	\$32.00	\$8.79
989	13-Sep-12	11	3	\$23.23	Yes	\$32.00	\$8.77
990	13-Sep-12	11	4	\$22.60	Yes	\$32.00	\$9.40
991	13-Sep-12	11	5	\$21.13	Yes	\$32.00	\$10.87
992	13-Sep-12	11	6	\$22.60	Yes	\$32.00	\$9.40
993	13-Sep-12	11	7	\$24.89	Yes	\$32.00	\$7.11
994	13-Sep-12	11	8	\$24.01	Yes	\$32.00	\$7.99
995	13-Sep-12	11	9	\$24.01	Yes	\$32.00	\$7.99
996	13-Sep-12	11	10	\$24.27	Yes	\$32.00	\$7.73
997	13-Sep-12	11	11	\$24.48	Yes	\$32.00	\$7.52
998	13-Sep-12	11	12	\$25.38	Yes	\$32.00	\$6.62
999	13-Sep-12	12	1	\$23.03	Yes	\$32.00	\$8.97
1000	13-Sep-12	12	2	\$23.48	Yes	\$32.00	\$8.52
1001	13-Sep-12	12	3	\$23.76	Yes	\$32.00	\$8.24
1002	13-Sep-12	12	4	\$27.85	Yes	\$32.00	\$4.15
1003	13-Sep-12	12	5	\$27.85	Yes	\$32.00	\$4.15
1004	13-Sep-12	12	6	\$27.85	Yes	\$32.00	\$4.15
1005	13-Sep-12	15	3	\$26.72	Yes	\$28.00	\$1.28
1006	13-Sep-12	15	4	\$26.70	Yes	\$28.00	\$1.30
1007	13-Sep-12	15	5	\$26.70	Yes	\$28.00	\$1.30
1008	13-Sep-12	15	6	\$27.11	Yes	\$28.00	\$0.89
1009	13-Sep-12	15	7	\$27.85	Yes	\$28.00	\$0.15
1010	13-Sep-12	15	8	\$27.96	Yes	\$28.00	\$0.04
1011	13-Sep-12	15	9	\$28.22	Yes	\$28.00	-\$0.22
1012	13-Sep-12	15	10	\$28.82	Yes	\$28.00	-\$0.82
1013	13-Sep-12	15	11	\$28.52	Yes	\$28.00	-\$0.52
1014	13-Sep-12	15	12	\$30.79	Yes	\$28.00	-\$2.79
1015	14-Sep-12	11	5	\$22.22	Yes	\$32.00	\$9.78
1016	14-Sep-12	11	6	\$24.19	Yes	\$32.00	\$7.81
1017	14-Sep-12	11	7	\$24.84	Yes	\$32.00	\$7.16
1018	14-Sep-12	11	8	\$24.87	Yes	\$32.00	\$7.13
1019	14-Sep-12	11	9	\$24.87	Yes	\$32.00	\$7.13
1020	14-Sep-12	11	10	\$26.14	Yes	\$32.00	\$5.86
1021	14-Sep-12	11	11	\$26.52	Yes	\$32.00	\$5.48
1022	14-Sep-12	11	12	\$26.60	Yes	\$32.00	\$5.40
1023	14-Sep-12	12	1	\$24.50	Yes	\$32.00	\$7.50
1024	14-Sep-12	12	2	\$24.13	Yes	\$32.00	\$7.87
1025	14-Sep-12	12	3	\$23.03	Yes	\$32.00	\$8.97
1026	14-Sep-12	12	4	\$21.30	Yes	\$32.00	\$10.70
1027	14-Sep-12	12	5	\$22.93	Yes	\$32.00	\$9.07
1028	14-Sep-12	12	6	\$23.35	Yes	\$32.00	\$8.65
1029	14-Sep-12	12	7	\$25.69	Yes	\$32.00	\$6.31
1030	14-Sep-12	12	8	\$25.66	Yes	\$32.00	\$6.34
1031	14-Sep-12	12	9	\$25.85	Yes	\$32.00	\$6.15
1032	14-Sep-12	12	10	\$24.37	Yes	\$32.00	\$7.63

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	14-Sep-12	12	11	\$25.13	Yes	\$32.00	\$6.87
1034	14-Sep-12	12	12	\$25.13	Yes	\$32.00	\$6.87
1035	14-Sep-12	13	1	\$25.44	Yes	\$28.00	\$2.56
1036	14-Sep-12	13	2	\$24.89	Yes	\$28.00	\$3.11
1037	14-Sep-12	13	3	\$24.38	Yes	\$28.00	\$3.62
1038	14-Sep-12	13	4	\$25.24	Yes	\$28.00	\$2.76
1039	14-Sep-12	13	5	\$25.46	Yes	\$28.00	\$2.54
1040	14-Sep-12	13	6	\$25.53	Yes	\$28.00	\$2.47
1041	14-Sep-12	13	7	\$25.81	Yes	\$28.00	\$2.19
1042	14-Sep-12	13	8	\$27.83	Yes	\$28.00	\$0.17
1043	14-Sep-12	13	9	\$33.88	Yes	\$28.00	-\$5.88
1044	14-Sep-12	13	10	\$29.10	Yes	\$28.00	-\$1.10
1045	14-Sep-12	13	11	\$29.41	Yes	\$28.00	-\$1.41
1046	14-Sep-12	13	12	\$26.45	Yes	\$28.00	\$1.55
1047	14-Sep-12	14	1	\$23.77	Yes	\$28.00	\$4.23
1048	14-Sep-12	14	2	\$24.04	Yes	\$28.00	\$3.96
1049	14-Sep-12	14	3	\$24.10	Yes	\$28.00	\$3.90
1050	14-Sep-12	14	4	\$25.49	Yes	\$28.00	\$2.51
1051	14-Sep-12	14	5	\$25.50	Yes	\$28.00	\$2.50
1052	14-Sep-12	14	6	\$26.22	Yes	\$28.00	\$1.78
1053	14-Sep-12	14	7	\$27.48	Yes	\$28.00	\$0.52
1054	14-Sep-12	14	8	\$27.66	Yes	\$28.00	\$0.34
1055	14-Sep-12	14	9	\$28.39	Yes	\$28.00	-\$0.39
1056	14-Sep-12	14	10	\$28.20	Yes	\$28.00	-\$0.20
1057	14-Sep-12	14	11	\$30.59	Yes	\$28.00	-\$2.59
1058	14-Sep-12	14	12	\$31.55	Yes	\$28.00	-\$3.55
1059	14-Sep-12	15	1	\$29.88	Yes	\$28.00	-\$1.88
1060	14-Sep-12	15	2	\$31.62	Yes	\$28.00	-\$3.62
1061	14-Sep-12	15	3	\$30.83	Yes	\$28.00	-\$2.83
1062	14-Sep-12	15	4	\$31.47	Yes	\$28.00	-\$3.47
1063	14-Sep-12	15	5	\$31.78	Yes	\$28.00	-\$3.78
1064	14-Sep-12	15	6	\$30.57	Yes	\$28.00	-\$2.57
1065	14-Sep-12	15	7	\$29.33	Yes	\$28.00	-\$1.33
1066	14-Sep-12	15	8	\$25.39	Yes	\$28.00	\$2.61
1067	14-Sep-12	15	9	\$34.20	Yes	\$28.00	-\$6.20
1068	14-Sep-12	15	10	\$33.70	Yes	\$28.00	-\$5.70
1069	14-Sep-12	15	11	\$34.40	Yes	\$28.00	-\$6.40
1070	14-Sep-12	15	12	\$34.30	Yes	\$28.00	-\$6.30
1071	14-Sep-12	16	1	\$30.30	Yes	\$28.00	-\$2.30
1072	14-Sep-12	16	2	\$31.11	Yes	\$28.00	-\$3.11
1073	14-Sep-12	16	3	\$30.30	Yes	\$28.00	-\$2.30
1074	14-Sep-12	16	4	\$34.02	Yes	\$28.00	-\$6.02
1075	14-Sep-12	16	5	\$33.30	Yes	\$28.00	-\$5.30
1076	14-Sep-12	16	6	\$33.89	Yes	\$28.00	-\$5.89
1077	14-Sep-12	16	7	\$34.71	Yes	\$28.00	-\$6.71

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	14-Sep-12	16	8	\$34.70	Yes	\$28.00	-\$6.70
1079	14-Sep-12	16	9	\$43.14	Yes	\$28.00	-\$15.14
1080	14-Sep-12	16	10	\$37.86	Yes	\$28.00	-\$9.86
1081	14-Sep-12	16	11	\$43.75	Yes	\$28.00	-\$15.75
1082	14-Sep-12	16	12	\$38.43	Yes	\$28.00	-\$10.43
1083	15-Sep-12	13	5	\$25.36	Yes	\$32.00	\$6.64
1084	15-Sep-12	13	6	\$25.35	Yes	\$32.00	\$6.65
1085	15-Sep-12	13	7	\$25.35	Yes	\$32.00	\$6.65
1086	15-Sep-12	13	8	\$25.15	Yes	\$32.00	\$6.85
1087	15-Sep-12	13	9	\$25.15	Yes	\$32.00	\$6.85
1088	15-Sep-12	13	10	\$25.69	Yes	\$32.00	\$6.31
1089	15-Sep-12	13	11	\$26.40	Yes	\$32.00	\$5.60
1090	15-Sep-12	13	12	\$28.66	Yes	\$32.00	\$3.34
1091	15-Sep-12	14	1	\$24.99	Yes	\$32.00	\$7.01
1092	15-Sep-12	14	2	\$24.74	Yes	\$32.00	\$7.26
1093	15-Sep-12	14	3	\$24.69	Yes	\$32.00	\$7.31
1094	15-Sep-12	14	4	\$24.63	Yes	\$32.00	\$7.37
1095	15-Sep-12	14	5	\$24.75	Yes	\$32.00	\$7.25
1096	15-Sep-12	14	6	\$24.79	Yes	\$32.00	\$7.21
1097	15-Sep-12	14	7	\$25.03	Yes	\$32.00	\$6.97
1098	15-Sep-12	14	8	\$26.06	Yes	\$32.00	\$5.94
1099	15-Sep-12	14	9	\$26.72	Yes	\$32.00	\$5.28
1100	15-Sep-12	14	10	\$31.14	Yes	\$32.00	\$0.86
1101	15-Sep-12	14	11	\$27.36	Yes	\$32.00	\$4.64
1102	15-Sep-12	14	12	\$32.42	Yes	\$32.00	-\$0.42
1103	15-Sep-12	15	1	\$24.71	Yes	\$28.00	\$3.29
1104	15-Sep-12	15	2	\$24.75	Yes	\$28.00	\$3.25
1105	15-Sep-12	15	3	\$25.02	Yes	\$28.00	\$2.98
1106	15-Sep-12	15	4	\$20.34	Yes	\$28.00	\$7.66
1107	15-Sep-12	15	5	\$19.79	Yes	\$28.00	\$8.21
1108	15-Sep-12	15	6	\$22.14	Yes	\$28.00	\$5.86
1109	15-Sep-12	15	7	\$27.99	Yes	\$28.00	\$0.01
1110	15-Sep-12	15	8	\$25.87	Yes	\$28.00	\$2.13
1111	15-Sep-12	15	9	\$27.99	Yes	\$28.00	\$0.01
1112	15-Sep-12	15	10	\$27.97	Yes	\$28.00	\$0.03
1113	15-Sep-12	15	11	\$28.21	Yes	\$28.00	-\$0.21
1114	15-Sep-12	15	12	\$30.07	Yes	\$28.00	-\$2.07
1115	15-Sep-12	16	1	\$28.05	Yes	\$28.00	-\$0.05
1116	15-Sep-12	16	2	\$30.55	Yes	\$28.00	-\$2.55
1117	15-Sep-12	16	3	\$37.09	Yes	\$28.00	-\$9.09
1118	15-Sep-12	16	4	\$30.98	Yes	\$28.00	-\$2.98
1119	15-Sep-12	16	5	\$30.98	Yes	\$28.00	-\$2.98
1120	15-Sep-12	16	6	\$30.98	Yes	\$28.00	-\$2.98
1121	15-Sep-12	16	7	\$33.17	Yes	\$28.00	-\$5.17
1122	15-Sep-12	16	8	\$35.36	Yes	\$28.00	-\$7.36

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	15-Sep-12	16	9	\$44.51	Yes	\$28.00	-\$16.51
1124	15-Sep-12	16	10	\$37.11	Yes	\$28.00	-\$9.11
1125	15-Sep-12	16	11	\$37.11	Yes	\$28.00	-\$9.11
1126	15-Sep-12	16	12	\$37.11	Yes	\$28.00	-\$9.11
1127	15-Sep-12	17	1	\$31.50	Yes	\$28.00	-\$3.50
1128	15-Sep-12	17	2	\$31.72	Yes	\$28.00	-\$3.72
1129	15-Sep-12	17	3	\$31.99	Yes	\$28.00	-\$3.99
1130	15-Sep-12	17	4	\$27.41	Yes	\$28.00	\$0.59
1131	15-Sep-12	17	5	\$28.26	Yes	\$28.00	-\$0.26
1132	15-Sep-12	17	6	\$28.26	Yes	\$28.00	-\$0.26
1133	15-Sep-12	17	7	\$27.71	Yes	\$28.00	\$0.29
1134	15-Sep-12	17	8	\$27.88	Yes	\$28.00	\$0.12
1135	15-Sep-12	17	9	\$28.20	Yes	\$28.00	-\$0.20
1136	15-Sep-12	17	10	\$28.20	Yes	\$28.00	-\$0.20
1137	15-Sep-12	17	11	\$28.25	Yes	\$28.00	-\$0.25
1138	15-Sep-12	17	12	\$28.26	Yes	\$28.00	-\$0.26
1139	15-Sep-12	18	1	\$31.22	Yes	\$28.00	-\$3.22
1140	15-Sep-12	18	2	\$32.78	Yes	\$28.00	-\$4.78
1141	15-Sep-12	18	3	\$32.48	Yes	\$28.00	-\$4.48
1142	15-Sep-12	18	4	\$30.46	Yes	\$28.00	-\$2.46
1143	15-Sep-12	18	5	\$30.11	Yes	\$28.00	-\$2.11
1144	15-Sep-12	18	6	\$30.11	Yes	\$28.00	-\$2.11
1145	15-Sep-12	18	7	\$29.11	Yes	\$28.00	-\$1.11
1146	15-Sep-12	18	8	\$29.11	Yes	\$28.00	-\$1.11
1147	15-Sep-12	18	9	\$29.11	Yes	\$28.00	-\$1.11
1148	15-Sep-12	18	10	\$30.72	Yes	\$28.00	-\$2.72
1149	15-Sep-12	18	11	\$30.12	Yes	\$28.00	-\$2.12
1150	15-Sep-12	18	12	\$30.05	Yes	\$28.00	-\$2.05
1151	15-Sep-12	19	1	\$28.18	Yes	\$28.00	-\$0.18
1152	15-Sep-12	19	2	\$28.18	Yes	\$28.00	-\$0.18
1153	15-Sep-12	19	3	\$28.18	Yes	\$28.00	-\$0.18
1154	15-Sep-12	19	4	\$28.19	Yes	\$28.00	-\$0.19
1155	15-Sep-12	19	5	\$28.19	Yes	\$28.00	-\$0.19
1156	15-Sep-12	19	6	\$28.19	Yes	\$28.00	-\$0.19
1157	15-Sep-12	19	7	\$27.99	Yes	\$28.00	\$0.01
1158	15-Sep-12	19	8	\$27.22	Yes	\$28.00	\$0.78
1159	15-Sep-12	19	9	\$26.51	Yes	\$28.00	\$1.49
1160	15-Sep-12	19	10	\$27.62	Yes	\$28.00	\$0.38
1161	15-Sep-12	19	11	\$27.02	Yes	\$28.00	\$0.98
1162	15-Sep-12	19	12	\$26.60	Yes	\$28.00	\$1.40
1163	15-Sep-12	20	1	\$23.77	Yes	\$28.00	\$4.23
1164	15-Sep-12	20	2	\$23.42	Yes	\$28.00	\$4.58
1165	15-Sep-12	20	3	\$23.74	Yes	\$28.00	\$4.26
1166	15-Sep-12	20	4	\$25.78	Yes	\$28.00	\$2.22
1167	15-Sep-12	20	5	\$25.78	Yes	\$28.00	\$2.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	15-Sep-12	20	6	\$28.24	Yes	\$28.00	-\$0.24
1169	15-Sep-12	20	7	\$27.66	Yes	\$28.00	\$0.34
1170	15-Sep-12	20	8	\$27.44	Yes	\$28.00	\$0.56
1171	15-Sep-12	20	9	\$26.49	Yes	\$28.00	\$1.51
1172	15-Sep-12	20	10	\$26.65	Yes	\$28.00	\$1.35
1173	15-Sep-12	20	11	\$24.97	Yes	\$28.00	\$3.03
1174	15-Sep-12	20	12	\$24.31	Yes	\$28.00	\$3.69
1175	15-Sep-12	21	1	\$24.62	Yes	\$28.00	\$3.38
1176	15-Sep-12	21	2	\$24.62	Yes	\$28.00	\$3.38
1177	15-Sep-12	21	3	\$24.71	Yes	\$28.00	\$3.29
1178	15-Sep-12	21	4	\$24.61	Yes	\$28.00	\$3.39
1179	15-Sep-12	21	5	\$24.61	Yes	\$28.00	\$3.39
1180	15-Sep-12	21	6	\$24.69	Yes	\$28.00	\$3.31
1181	15-Sep-12	21	7	\$24.10	Yes	\$28.00	\$3.90
1182	15-Sep-12	21	8	\$23.72	Yes	\$28.00	\$4.28
1183	15-Sep-12	21	9	\$23.41	Yes	\$28.00	\$4.59
1184	15-Sep-12	21	10	\$22.85	Yes	\$28.00	\$5.15
1185	15-Sep-12	21	11	\$21.81	Yes	\$28.00	\$6.19
1186	15-Sep-12	21	12	\$19.63	Yes	\$28.00	\$8.37
1187	15-Sep-12	22	1	\$24.26	Yes	\$28.00	\$3.74
1188	15-Sep-12	22	2	\$23.53	Yes	\$28.00	\$4.47
1189	15-Sep-12	22	3	\$24.76	Yes	\$28.00	\$3.24
1190	15-Sep-12	22	4	\$25.03	Yes	\$28.00	\$2.97
1191	15-Sep-12	22	5	\$25.15	Yes	\$28.00	\$2.85
1192	15-Sep-12	22	6	\$25.03	Yes	\$28.00	\$2.97
1193	15-Sep-12	22	7	\$24.39	Yes	\$28.00	\$3.61
1194	15-Sep-12	22	8	\$24.39	Yes	\$28.00	\$3.61
1195	15-Sep-12	22	9	\$24.32	Yes	\$28.00	\$3.68
1196	15-Sep-12	22	10	\$24.28	Yes	\$28.00	\$3.72
1197	15-Sep-12	22	11	\$24.22	Yes	\$28.00	\$3.78
1198	15-Sep-12	22	12	\$20.96	Yes	\$28.00	\$7.04
1199	15-Sep-12	23	1	\$24.99	Yes	\$32.00	\$7.01
1200	15-Sep-12	23	2	\$24.99	Yes	\$32.00	\$7.01
1201	15-Sep-12	23	3	\$29.30	Yes	\$32.00	\$2.70
1202	15-Sep-12	23	4	\$24.79	Yes	\$32.00	\$7.21
1203	15-Sep-12	23	5	\$24.79	Yes	\$32.00	\$7.21
1204	15-Sep-12	23	6	\$24.79	Yes	\$32.00	\$7.21
1205	15-Sep-12	23	7	\$24.74	Yes	\$32.00	\$7.26
1206	15-Sep-12	23	8	\$24.41	Yes	\$32.00	\$7.59
1207	15-Sep-12	23	9	\$24.57	Yes	\$32.00	\$7.43
1208	15-Sep-12	23	10	\$24.66	Yes	\$32.00	\$7.34
1209	15-Sep-12	23	11	\$24.11	Yes	\$32.00	\$7.89
1210	15-Sep-12	23	12	\$22.74	Yes	\$32.00	\$9.26
1211	16-Sep-12	15	3	\$23.23	Yes	\$32.00	\$8.77
1212	16-Sep-12	15	4	\$23.40	Yes	\$32.00	\$8.60

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	16-Sep-12	15	5	\$23.82	Yes	\$32.00	\$8.18
1214	16-Sep-12	15	6	\$23.99	Yes	\$32.00	\$8.01
1215	16-Sep-12	15	7	\$24.81	Yes	\$32.00	\$7.19
1216	16-Sep-12	15	8	\$24.85	Yes	\$32.00	\$7.15
1217	16-Sep-12	15	9	\$24.86	Yes	\$32.00	\$7.14
1218	16-Sep-12	15	10	\$24.84	Yes	\$32.00	\$7.16
1219	16-Sep-12	15	11	\$24.84	Yes	\$32.00	\$7.16
1220	16-Sep-12	15	12	\$24.91	Yes	\$32.00	\$7.09
1221	16-Sep-12	16	1	\$24.87	Yes	\$32.00	\$7.13
1222	16-Sep-12	16	2	\$24.87	Yes	\$32.00	\$7.13
1223	16-Sep-12	16	3	\$24.96	Yes	\$32.00	\$7.04
1224	16-Sep-12	16	4	\$24.98	Yes	\$32.00	\$7.02
1225	16-Sep-12	16	5	\$24.98	Yes	\$32.00	\$7.02
1226	16-Sep-12	16	6	\$25.06	Yes	\$32.00	\$6.94
1227	16-Sep-12	16	7	\$25.21	Yes	\$32.00	\$6.79
1228	16-Sep-12	16	8	\$25.44	Yes	\$32.00	\$6.56
1229	16-Sep-12	16	9	\$25.80	Yes	\$32.00	\$6.20
1230	16-Sep-12	16	10	\$25.68	Yes	\$32.00	\$6.32
1231	16-Sep-12	16	11	\$25.68	Yes	\$32.00	\$6.32
1232	16-Sep-12	16	12	\$25.68	Yes	\$32.00	\$6.32
1233	16-Sep-12	17	1	\$25.53	Yes	\$28.00	\$2.47
1234	16-Sep-12	17	2	\$25.51	Yes	\$28.00	\$2.49
1235	16-Sep-12	17	3	\$25.54	Yes	\$28.00	\$2.46
1236	16-Sep-12	17	4	\$26.28	Yes	\$28.00	\$1.72
1237	16-Sep-12	17	5	\$26.31	Yes	\$28.00	\$1.69
1238	16-Sep-12	17	6	\$26.99	Yes	\$28.00	\$1.01
1239	16-Sep-12	17	7	\$26.10	Yes	\$28.00	\$1.90
1240	16-Sep-12	17	8	\$26.47	Yes	\$28.00	\$1.53
1241	16-Sep-12	17	9	\$26.10	Yes	\$28.00	\$1.90
1242	16-Sep-12	17	10	\$26.25	Yes	\$28.00	\$1.75
1243	16-Sep-12	17	11	\$27.40	Yes	\$28.00	\$0.60
1244	16-Sep-12	17	12	\$27.40	Yes	\$28.00	\$0.60
1245	16-Sep-12	18	1	\$27.38	Yes	\$28.00	\$0.62
1246	16-Sep-12	18	2	\$27.25	Yes	\$28.00	\$0.75
1247	16-Sep-12	18	3	\$27.25	Yes	\$28.00	\$0.75
1248	16-Sep-12	18	4	\$26.01	Yes	\$28.00	\$1.99
1249	16-Sep-12	18	5	\$26.18	Yes	\$28.00	\$1.82
1250	16-Sep-12	18	6	\$26.18	Yes	\$28.00	\$1.82
1251	16-Sep-12	18	7	\$26.00	Yes	\$28.00	\$2.00
1252	16-Sep-12	18	8	\$25.10	Yes	\$28.00	\$2.90
1253	16-Sep-12	18	9	\$25.10	Yes	\$28.00	\$2.90
1254	16-Sep-12	18	10	\$24.97	Yes	\$28.00	\$3.03
1255	16-Sep-12	18	11	\$24.91	Yes	\$28.00	\$3.09
1256	16-Sep-12	18	12	\$24.01	Yes	\$28.00	\$3.99
1257	16-Sep-12	19	1	\$24.39	Yes	\$28.00	\$3.61

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	16-Sep-12	19	2	\$25.00	Yes	\$28.00	\$3.00
1259	16-Sep-12	19	3	\$25.00	Yes	\$28.00	\$3.00
1260	16-Sep-12	19	4	\$24.68	Yes	\$28.00	\$3.32
1261	16-Sep-12	19	5	\$24.66	Yes	\$28.00	\$3.34
1262	16-Sep-12	19	6	\$24.65	Yes	\$28.00	\$3.35
1263	16-Sep-12	19	7	\$23.86	Yes	\$28.00	\$4.14
1264	16-Sep-12	19	8	\$23.71	Yes	\$28.00	\$4.29
1265	16-Sep-12	19	9	\$23.79	Yes	\$28.00	\$4.21
1266	16-Sep-12	19	10	\$23.78	Yes	\$28.00	\$4.22
1267	16-Sep-12	19	11	\$23.60	Yes	\$28.00	\$4.40
1268	16-Sep-12	19	12	\$22.47	Yes	\$28.00	\$5.53
1269	16-Sep-12	20	1	\$23.35	Yes	\$32.00	\$8.65
1270	16-Sep-12	20	2	\$23.35	Yes	\$32.00	\$8.65
1271	16-Sep-12	20	3	\$23.84	Yes	\$32.00	\$8.16
1272	16-Sep-12	20	4	\$24.78	Yes	\$32.00	\$7.22
1273	16-Sep-12	20	5	\$24.74	Yes	\$32.00	\$7.26
1274	16-Sep-12	20	6	\$24.74	Yes	\$32.00	\$7.26
1275	16-Sep-12	20	7	\$23.93	Yes	\$32.00	\$8.07
1276	16-Sep-12	20	8	\$24.16	Yes	\$32.00	\$7.84
1277	16-Sep-12	20	9	\$24.10	Yes	\$32.00	\$7.90
1278	16-Sep-12	20	10	\$24.77	Yes	\$32.00	\$7.23
1279	16-Sep-12	20	11	\$24.77	Yes	\$32.00	\$7.23
1280	16-Sep-12	20	12	\$24.13	Yes	\$32.00	\$7.87
1281	16-Sep-12	21	1	\$24.75	Yes	\$32.00	\$7.25
1282	16-Sep-12	21	2	\$24.67	Yes	\$32.00	\$7.33
1283	16-Sep-12	21	3	\$24.75	Yes	\$32.00	\$7.25
1284	16-Sep-12	21	4	\$25.14	Yes	\$32.00	\$6.86
1285	16-Sep-12	21	5	\$24.92	Yes	\$32.00	\$7.08
1286	16-Sep-12	21	6	\$23.02	Yes	\$32.00	\$8.98
1287	16-Sep-12	21	7	\$22.57	Yes	\$32.00	\$9.43
1288	16-Sep-12	21	8	\$22.71	Yes	\$32.00	\$9.29
1289	16-Sep-12	21	9	\$21.84	Yes	\$32.00	\$10.16
1290	16-Sep-12	21	10	\$17.64	Yes	\$32.00	\$14.36
1291	16-Sep-12	21	11	\$20.02	Yes	\$32.00	\$11.98
1292	16-Sep-12	21	12	\$20.02	Yes	\$32.00	\$11.98
1293	16-Sep-12	22	1	\$23.25	Yes	\$32.00	\$8.75
1294	16-Sep-12	22	2	\$24.15	Yes	\$32.00	\$7.85
1295	16-Sep-12	22	3	\$24.58	Yes	\$32.00	\$7.42
1296	16-Sep-12	22	4	\$23.87	Yes	\$32.00	\$8.13
1297	16-Sep-12	22	5	\$23.87	Yes	\$32.00	\$8.13
1298	16-Sep-12	22	6	\$23.87	Yes	\$32.00	\$8.13
1299	16-Sep-12	22	7	\$21.96	Yes	\$32.00	\$10.04
1300	16-Sep-12	22	8	\$20.03	Yes	\$32.00	\$11.97
1301	16-Sep-12	22	9	\$20.37	Yes	\$32.00	\$11.63
1302	16-Sep-12	22	10	\$17.67	Yes	\$32.00	\$14.33

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	16-Sep-12	22	11	\$19.85	Yes	\$32.00	\$12.15
1304	16-Sep-12	22	12	\$17.00	Yes	\$32.00	\$15.00
1305	16-Sep-12	23	1	\$25.41	Yes	\$32.00	\$6.59
1306	16-Sep-12	23	2	\$26.31	Yes	\$32.00	\$5.69
1307	16-Sep-12	23	3	\$34.31	Yes	\$32.00	-\$2.31
1308	16-Sep-12	23	4	\$30.03	Yes	\$32.00	\$1.97
1309	16-Sep-12	23	5	\$27.27	Yes	\$32.00	\$4.73
1310	16-Sep-12	23	6	\$25.53	Yes	\$32.00	\$6.47
1311	16-Sep-12	23	7	\$23.72	Yes	\$32.00	\$8.28
1312	16-Sep-12	23	8	\$21.50	Yes	\$32.00	\$10.50
1313	16-Sep-12	23	9	\$17.99	Yes	\$32.00	\$14.01
1314	16-Sep-12	23	10	\$18.01	Yes	\$32.00	\$13.99
1315	16-Sep-12	23	11	\$14.55	Yes	\$32.00	\$17.45
1316	16-Sep-12	23	12	\$13.34	Yes	\$32.00	\$18.66
1317	26-Sep-12	22	9	\$25.92	Yes	\$32.00	\$6.08
1318	26-Sep-12	22	10	\$25.86	Yes	\$32.00	\$6.14
1319	26-Sep-12	22	11	\$25.32	Yes	\$32.00	\$6.68
1320	26-Sep-12	22	12	\$24.40	Yes	\$32.00	\$7.60
1321	26-Sep-12	23	1	\$31.52	Yes	\$32.00	\$0.48
1322	26-Sep-12	23	2	\$29.36	Yes	\$32.00	\$2.64
1323	26-Sep-12	23	3	\$30.21	Yes	\$32.00	\$1.79
1324	26-Sep-12	23	4	\$31.45	Yes	\$32.00	\$0.55
1325	26-Sep-12	23	5	\$31.57	Yes	\$32.00	\$0.43
1326	26-Sep-12	23	6	\$30.91	Yes	\$32.00	\$1.09
1327	26-Sep-12	23	7	\$29.86	Yes	\$32.00	\$2.14
1328	26-Sep-12	23	8	\$26.18	Yes	\$32.00	\$5.82
1329	26-Sep-12	23	9	\$26.04	Yes	\$32.00	\$5.96
1330	26-Sep-12	23	10	\$25.23	Yes	\$32.00	\$6.77
1331	26-Sep-12	23	11	\$25.23	Yes	\$32.00	\$6.77
1332	26-Sep-12	23	12	\$25.91	Yes	\$32.00	\$6.09
1333	26-Sep-12	24	1	\$31.36	Yes	\$32.00	\$0.64
1334	26-Sep-12	24	2	\$31.38	Yes	\$32.00	\$0.62
1335	26-Sep-12	24	3	\$32.50	Yes	\$32.00	-\$0.50
1336	26-Sep-12	24	4	\$31.49	Yes	\$32.00	\$0.51
1337	26-Sep-12	24	5	\$28.45	Yes	\$32.00	\$3.55
1338	26-Sep-12	24	6	\$28.14	Yes	\$32.00	\$3.86
1339	26-Sep-12	24	7	\$24.74	Yes	\$32.00	\$7.26
1340	26-Sep-12	24	8	\$24.67	Yes	\$32.00	\$7.33
1341	26-Sep-12	24	9	\$24.37	Yes	\$32.00	\$7.63
1342	26-Sep-12	24	10	\$24.49	Yes	\$32.00	\$7.51
1343	26-Sep-12	24	11	\$24.31	Yes	\$32.00	\$7.69
1344	26-Sep-12	24	12	\$24.07	Yes	\$32.00	\$7.93
1345	27-Sep-12	2	2	\$27.83	Yes	\$32.00	\$4.17
1346	27-Sep-12	2	3	\$28.12	Yes	\$32.00	\$3.88
1347	27-Sep-12	2	4	\$26.13	Yes	\$32.00	\$5.87

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	27-Sep-12	2	5	\$26.38	Yes	\$32.00	\$5.62
1349	27-Sep-12	2	6	\$25.87	Yes	\$32.00	\$6.13
1350	27-Sep-12	2	7	\$27.49	Yes	\$32.00	\$4.51
1351	27-Sep-12	2	8	\$26.41	Yes	\$32.00	\$5.59
1352	27-Sep-12	2	9	\$26.41	Yes	\$32.00	\$5.59
1353	27-Sep-12	2	10	\$25.29	Yes	\$32.00	\$6.71
1354	27-Sep-12	2	11	\$25.36	Yes	\$32.00	\$6.64
1355	27-Sep-12	2	12	\$26.35	Yes	\$32.00	\$5.65
1356	27-Sep-12	3	1	\$25.87	Yes	\$32.00	\$6.13
1357	27-Sep-12	3	2	\$25.90	Yes	\$32.00	\$6.10
1358	27-Sep-12	3	3	\$26.02	Yes	\$32.00	\$5.98
1359	27-Sep-12	3	4	\$25.55	Yes	\$32.00	\$6.45
1360	27-Sep-12	3	5	\$25.62	Yes	\$32.00	\$6.38
1361	27-Sep-12	3	6	\$25.69	Yes	\$32.00	\$6.31
1362	27-Sep-12	3	7	\$25.66	Yes	\$32.00	\$6.34
1363	27-Sep-12	3	8	\$25.52	Yes	\$32.00	\$6.48
1364	27-Sep-12	3	9	\$25.45	Yes	\$32.00	\$6.55
1365	27-Sep-12	3	10	\$25.26	Yes	\$32.00	\$6.74
1366	27-Sep-12	3	11	\$24.81	Yes	\$32.00	\$7.19
1367	27-Sep-12	3	12	\$25.26	Yes	\$32.00	\$6.74
1368	27-Sep-12	4	1	\$24.80	Yes	\$32.00	\$7.20
1369	27-Sep-12	4	2	\$24.52	Yes	\$32.00	\$7.48
1370	27-Sep-12	4	3	\$24.78	Yes	\$32.00	\$7.22
1371	27-Sep-12	4	4	\$24.23	Yes	\$32.00	\$7.77
1372	27-Sep-12	4	5	\$24.52	Yes	\$32.00	\$7.48
1373	27-Sep-12	4	6	\$24.53	Yes	\$32.00	\$7.47
1374	27-Sep-12	4	7	\$25.20	Yes	\$32.00	\$6.80
1375	27-Sep-12	4	8	\$25.20	Yes	\$32.00	\$6.80
1376	27-Sep-12	4	9	\$25.20	Yes	\$32.00	\$6.80
1377	27-Sep-12	4	10	\$25.27	Yes	\$32.00	\$6.73
1378	27-Sep-12	4	11	\$25.06	Yes	\$32.00	\$6.94
1379	27-Sep-12	4	12	\$24.52	Yes	\$32.00	\$7.48
1380	27-Sep-12	5	1	\$24.19	Yes	\$32.00	\$7.81
1381	27-Sep-12	5	2	\$24.19	Yes	\$32.00	\$7.81
1382	27-Sep-12	5	3	\$24.19	Yes	\$32.00	\$7.81
1383	27-Sep-12	5	4	\$24.27	Yes	\$32.00	\$7.73
1384	27-Sep-12	5	5	\$24.57	Yes	\$32.00	\$7.43
1385	27-Sep-12	5	6	\$25.33	Yes	\$32.00	\$6.67
1386	27-Sep-12	5	7	\$24.67	Yes	\$32.00	\$7.33
1387	27-Sep-12	5	8	\$24.67	Yes	\$32.00	\$7.33
1388	27-Sep-12	5	9	\$25.39	Yes	\$32.00	\$6.61
1389	27-Sep-12	5	10	\$25.35	Yes	\$32.00	\$6.65
1390	27-Sep-12	5	11	\$25.49	Yes	\$32.00	\$6.51
1391	27-Sep-12	5	12	\$26.01	Yes	\$32.00	\$5.99
1392	27-Sep-12	6	1	\$25.67	Yes	\$32.00	\$6.33

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	27-Sep-12	6	2	\$25.33	Yes	\$32.00	\$6.67
1394	27-Sep-12	6	3	\$25.44	Yes	\$32.00	\$6.56
1395	27-Sep-12	6	4	\$25.67	Yes	\$32.00	\$6.33
1396	27-Sep-12	6	5	\$25.99	Yes	\$32.00	\$6.01
1397	27-Sep-12	6	6	\$26.28	Yes	\$32.00	\$5.72
1398	27-Sep-12	6	7	\$25.60	Yes	\$32.00	\$6.40
1399	27-Sep-12	6	8	\$26.16	Yes	\$32.00	\$5.84
1400	27-Sep-12	6	9	\$26.96	Yes	\$32.00	\$5.04
1401	27-Sep-12	6	10	\$26.83	Yes	\$32.00	\$5.17
1402	27-Sep-12	6	11	\$26.83	Yes	\$32.00	\$5.17
1403	27-Sep-12	6	12	\$27.87	Yes	\$32.00	\$4.13
1404	27-Sep-12	22	12	\$26.07	Yes	\$32.00	\$5.93
1405	27-Sep-12	23	1	\$34.96	Yes	\$32.00	-\$2.96
1406	27-Sep-12	23	2	\$33.54	Yes	\$32.00	-\$1.54
1407	27-Sep-12	23	3	\$30.59	Yes	\$32.00	\$1.41
1408	27-Sep-12	23	4	\$31.43	Yes	\$32.00	\$0.57
1409	27-Sep-12	23	5	\$30.57	Yes	\$32.00	\$1.43
1410	27-Sep-12	23	6	\$30.19	Yes	\$32.00	\$1.81
1411	27-Sep-12	23	7	\$27.55	Yes	\$32.00	\$4.45
1412	27-Sep-12	23	8	\$25.93	Yes	\$32.00	\$6.07
1413	27-Sep-12	23	9	\$25.66	Yes	\$32.00	\$6.34
1414	27-Sep-12	23	10	\$24.13	Yes	\$32.00	\$7.87
1415	27-Sep-12	23	11	\$24.15	Yes	\$32.00	\$7.85
1416	27-Sep-12	23	12	\$22.75	Yes	\$32.00	\$9.25

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	4-Sep-12	12	4	\$27.28	Yes	\$1,000.00	\$972.72
2	4-Sep-12	12	5	\$27.53	Yes	\$1,000.00	\$972.47
3	4-Sep-12	12	6	\$29.40	Yes	\$1,000.00	\$970.60
4	4-Sep-12	12	7	\$30.25	Yes	\$1,000.00	\$969.75
5	4-Sep-12	12	8	\$30.27	Yes	\$1,000.00	\$969.73
6	4-Sep-12	12	9	\$31.51	Yes	\$1,000.00	\$968.49
7	4-Sep-12	12	10	\$36.55	Yes	\$1,000.00	\$963.45
8	4-Sep-12	12	11	\$36.62	Yes	\$1,000.00	\$963.38
9	4-Sep-12	12	12	\$33.33	Yes	\$1,000.00	\$966.67
10	4-Sep-12	13	1	\$173.58	Yes	\$1,000.00	\$826.42
11	4-Sep-12	13	2	\$25.76	Yes	\$1,000.00	\$974.24
12	4-Sep-12	13	3	\$25.75	Yes	\$1,000.00	\$974.25
13	4-Sep-12	13	4	\$24.04	Yes	\$1,000.00	\$975.96
14	4-Sep-12	13	5	\$24.94	Yes	\$1,000.00	\$975.06
15	4-Sep-12	13	6	\$25.70	Yes	\$1,000.00	\$974.30
16	4-Sep-12	13	7	\$26.33	Yes	\$1,000.00	\$973.67
17	4-Sep-12	13	8	\$26.43	Yes	\$1,000.00	\$973.57
18	4-Sep-12	13	9	\$27.65	Yes	\$1,000.00	\$972.35
19	4-Sep-12	13	10	\$27.73	Yes	\$1,000.00	\$972.27
20	4-Sep-12	13	11	\$28.85	Yes	\$1,000.00	\$971.15
21	4-Sep-12	13	12	\$32.89	Yes	\$1,000.00	\$967.11
22	4-Sep-12	14	1	\$32.53	Yes	\$1,000.00	\$967.47
23	4-Sep-12	14	2	\$32.63	Yes	\$1,000.00	\$967.37
24	4-Sep-12	14	3	\$30.71	Yes	\$1,000.00	\$969.29
25	4-Sep-12	14	4	\$27.57	Yes	\$1,000.00	\$972.43
26	4-Sep-12	14	5	\$58.76	Yes	\$1,000.00	\$941.24
27	4-Sep-12	14	6	\$28.33	Yes	\$1,000.00	\$971.67
28	4-Sep-12	14	7	\$163.60	Yes	\$1,000.00	\$836.40
29	4-Sep-12	14	8	\$30.47	Yes	\$1,000.00	\$969.53
30	4-Sep-12	14	9	\$29.04	Yes	\$1,000.00	\$970.96
31	4-Sep-12	14	10	\$29.60	Yes	\$1,000.00	\$970.40
32	4-Sep-12	14	11	\$29.67	Yes	\$1,000.00	\$970.33
33	4-Sep-12	14	12	\$30.21	Yes	\$1,000.00	\$969.79
34	4-Sep-12	15	1	\$25.86	Yes	\$1,000.00	\$974.14
35	4-Sep-12	15	2	\$26.18	Yes	\$1,000.00	\$973.82
36	4-Sep-12	15	3	\$26.63	Yes	\$1,000.00	\$973.37
37	4-Sep-12	15	4	\$166.32	Yes	\$1,000.00	\$833.68
38	4-Sep-12	15	5	\$176.81	Yes	\$1,000.00	\$823.19
39	4-Sep-12	15	6	\$63.62	Yes	\$1,000.00	\$936.38
40	4-Sep-12	15	7	\$102.44	Yes	\$1,000.00	\$897.56
41	4-Sep-12	15	8	\$102.44	Yes	\$1,000.00	\$897.56
42	4-Sep-12	15	9	\$104.92	Yes	\$1,000.00	\$895.08

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	4-Sep-12	15	10	\$266.99	Yes	\$1,000.00	\$733.01
44	4-Sep-12	15	11	\$119.43	Yes	\$1,000.00	\$880.57
45	4-Sep-12	15	12	\$33.78	Yes	\$1,000.00	\$966.22
46	4-Sep-12	16	1	\$131.96	Yes	\$1,000.00	\$868.04
47	4-Sep-12	16	2	\$114.43	Yes	\$1,000.00	\$885.57
48	4-Sep-12	16	3	\$110.79	Yes	\$1,000.00	\$889.21
49	4-Sep-12	16	4	\$30.01	Yes	\$1,000.00	\$969.99
50	4-Sep-12	16	5	\$29.75	Yes	\$1,000.00	\$970.25
51	4-Sep-12	16	6	\$118.59	Yes	\$1,000.00	\$881.41
52	4-Sep-12	16	7	\$107.95	Yes	\$1,000.00	\$892.05
53	4-Sep-12	16	8	\$199.65	Yes	\$1,000.00	\$800.35
54	4-Sep-12	16	9	\$85.86	Yes	\$1,000.00	\$914.14
55	4-Sep-12	16	10	\$907.20	Yes	\$1,000.00	\$92.80
56	4-Sep-12	16	11	\$66.08	Yes	\$1,000.00	\$933.92
57	4-Sep-12	16	12	\$52.30	Yes	\$1,000.00	\$947.70
58	4-Sep-12	17	1	\$51.07	Yes	\$1,000.00	\$948.93
59	4-Sep-12	17	2	\$51.07	Yes	\$1,000.00	\$948.93
60	4-Sep-12	17	3	\$51.07	Yes	\$1,000.00	\$948.93
61	4-Sep-12	17	4	\$30.24	Yes	\$1,000.00	\$969.76
62	4-Sep-12	17	5	\$30.24	Yes	\$1,000.00	\$969.76
63	4-Sep-12	17	6	\$29.74	Yes	\$1,000.00	\$970.26
64	4-Sep-12	17	7	\$28.67	Yes	\$1,000.00	\$971.33
65	4-Sep-12	17	8	\$31.36	Yes	\$1,000.00	\$968.64
66	4-Sep-12	17	9	\$34.41	Yes	\$1,000.00	\$965.59
67	4-Sep-12	17	10	\$28.52	Yes	\$1,000.00	\$971.48
68	4-Sep-12	17	11	\$30.50	Yes	\$1,000.00	\$969.50
69	4-Sep-12	17	12	\$30.67	Yes	\$1,000.00	\$969.33
70	4-Sep-12	18	1	\$31.21	Yes	\$1,000.00	\$968.79
71	4-Sep-12	18	2	\$33.22	Yes	\$1,000.00	\$966.78
72	4-Sep-12	18	3	\$58.96	Yes	\$1,000.00	\$941.04
73	4-Sep-12	18	4	\$36.41	Yes	\$1,000.00	\$963.59
74	4-Sep-12	18	5	\$40.11	Yes	\$1,000.00	\$959.89
75	4-Sep-12	18	6	\$35.85	Yes	\$1,000.00	\$964.15
76	4-Sep-12	18	7	\$35.35	Yes	\$1,000.00	\$964.65
77	4-Sep-12	18	8	\$35.35	Yes	\$1,000.00	\$964.65
78	4-Sep-12	18	9	\$35.35	Yes	\$1,000.00	\$964.65
79	4-Sep-12	18	10	\$107.24	Yes	\$1,000.00	\$892.76
80	4-Sep-12	18	11	\$101.78	Yes	\$1,000.00	\$898.22
81	4-Sep-12	18	12	\$175.90	Yes	\$1,000.00	\$824.10
82	4-Sep-12	19	1	\$30.07	Yes	\$1,000.00	\$969.93
83	4-Sep-12	19	2	\$29.89	Yes	\$1,000.00	\$970.11
84	4-Sep-12	19	3	\$29.89	Yes	\$1,000.00	\$970.11
85	4-Sep-12	19	4	\$147.80	Yes	\$1,000.00	\$852.20
86	4-Sep-12	19	5	\$31.53	Yes	\$1,000.00	\$968.47
87	4-Sep-12	19	6	\$30.51	Yes	\$1,000.00	\$969.49

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	4-Sep-12	19	7	\$27.42	Yes	\$1,000.00	\$972.58
89	4-Sep-12	19	8	\$27.50	Yes	\$1,000.00	\$972.50
90	4-Sep-12	19	9	\$27.50	Yes	\$1,000.00	\$972.50
91	4-Sep-12	19	10	\$27.43	Yes	\$1,000.00	\$972.57
92	4-Sep-12	19	11	\$27.20	Yes	\$1,000.00	\$972.80
93	4-Sep-12	19	12	\$26.91	Yes	\$1,000.00	\$973.09
94	4-Sep-12	20	1	\$27.46	Yes	\$1,000.00	\$972.54
95	4-Sep-12	20	2	\$27.85	Yes	\$1,000.00	\$972.15
96	4-Sep-12	20	3	\$29.21	Yes	\$1,000.00	\$970.79
97	4-Sep-12	20	4	\$30.38	Yes	\$1,000.00	\$969.62
98	4-Sep-12	20	5	\$30.30	Yes	\$1,000.00	\$969.70
99	4-Sep-12	20	6	\$30.36	Yes	\$1,000.00	\$969.64
100	4-Sep-12	20	7	\$30.10	Yes	\$1,000.00	\$969.90
101	4-Sep-12	20	8	\$30.10	Yes	\$1,000.00	\$969.90
102	4-Sep-12	20	9	\$30.10	Yes	\$1,000.00	\$969.90
103	4-Sep-12	20	10	\$30.23	Yes	\$1,000.00	\$969.77
104	4-Sep-12	20	11	\$30.23	Yes	\$1,000.00	\$969.77
105	4-Sep-12	20	12	\$30.11	Yes	\$1,000.00	\$969.89
106	4-Sep-12	21	1	\$29.07	Yes	\$1,000.00	\$970.93
107	4-Sep-12	21	2	\$27.65	Yes	\$1,000.00	\$972.35
108	4-Sep-12	21	3	\$27.50	Yes	\$1,000.00	\$972.50
109	4-Sep-12	21	4	\$156.32	Yes	\$1,000.00	\$843.68
110	4-Sep-12	21	5	\$181.39	Yes	\$1,000.00	\$818.61
111	4-Sep-12	21	6	\$173.68	Yes	\$1,000.00	\$826.32
112	4-Sep-12	21	7	\$26.36	Yes	\$1,000.00	\$973.64
113	4-Sep-12	21	8	\$25.10	Yes	\$1,000.00	\$974.90
114	4-Sep-12	21	9	\$24.58	Yes	\$1,000.00	\$975.42
115	4-Sep-12	21	10	\$24.16	Yes	\$1,000.00	\$975.84
116	4-Sep-12	21	11	\$23.81	Yes	\$1,000.00	\$976.19
117	4-Sep-12	21	12	\$23.33	Yes	\$1,000.00	\$976.67
118	11-Sep-12	8	1	\$23.70	Yes	\$34.56	\$10.86
119	11-Sep-12	8	2	\$23.70	Yes	\$34.56	\$10.86
120	11-Sep-12	8	3	\$23.70	Yes	\$34.56	\$10.86
121	11-Sep-12	8	4	\$23.70	Yes	\$34.56	\$10.86
122	11-Sep-12	8	5	\$23.70	Yes	\$34.56	\$10.86
123	11-Sep-12	8	6	\$28.08	Yes	\$34.56	\$6.48
124	11-Sep-12	8	7	\$26.64	Yes	\$34.56	\$7.92
125	11-Sep-12	8	8	\$26.64	Yes	\$34.56	\$7.92
126	11-Sep-12	8	9	\$26.64	Yes	\$34.56	\$7.92
127	11-Sep-12	8	10	\$25.30	Yes	\$34.56	\$9.26
128	11-Sep-12	8	11	\$26.21	Yes	\$34.56	\$8.35
129	11-Sep-12	8	12	\$26.70	Yes	\$34.56	\$7.86
130	11-Sep-12	9	1	\$27.57	Yes	\$1,000.00	\$972.43
131	11-Sep-12	9	2	\$28.14	Yes	\$1,000.00	\$971.86
132	11-Sep-12	9	3	\$28.14	Yes	\$1,000.00	\$971.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	11-Sep-12	9	4	\$28.11	Yes	\$1,000.00	\$971.89
134	11-Sep-12	9	5	\$32.52	Yes	\$1,000.00	\$967.48
135	11-Sep-12	9	6	\$34.50	Yes	\$1,000.00	\$965.50
136	11-Sep-12	9	7	\$33.97	Yes	\$1,000.00	\$966.03
137	11-Sep-12	9	8	\$34.99	Yes	\$1,000.00	\$965.01
138	11-Sep-12	9	9	\$36.47	Yes	\$1,000.00	\$963.53
139	11-Sep-12	9	10	\$38.27	Yes	\$1,000.00	\$961.73
140	11-Sep-12	9	11	\$38.23	Yes	\$1,000.00	\$961.77
141	11-Sep-12	9	12	\$39.80	Yes	\$1,000.00	\$960.20
142	11-Sep-12	10	1	\$36.22	Yes	\$1,000.00	\$963.78
143	11-Sep-12	10	2	\$28.15	Yes	\$1,000.00	\$971.85
144	11-Sep-12	10	3	\$27.62	Yes	\$1,000.00	\$972.38
145	11-Sep-12	10	4	\$28.14	Yes	\$1,000.00	\$971.86
146	11-Sep-12	10	5	\$28.32	Yes	\$1,000.00	\$971.68
147	11-Sep-12	10	6	\$31.30	Yes	\$1,000.00	\$968.70
148	11-Sep-12	10	7	\$29.47	Yes	\$1,000.00	\$970.53
149	11-Sep-12	10	8	\$31.63	Yes	\$1,000.00	\$968.37
150	11-Sep-12	10	9	\$34.80	Yes	\$1,000.00	\$965.20
151	11-Sep-12	10	10	\$37.91	Yes	\$1,000.00	\$962.09
152	11-Sep-12	10	11	\$35.50	Yes	\$1,000.00	\$964.50
153	11-Sep-12	10	12	\$29.80	Yes	\$1,000.00	\$970.20
154	11-Sep-12	11	1	\$32.67	Yes	\$1,000.00	\$967.33
155	11-Sep-12	11	2	\$26.38	Yes	\$1,000.00	\$973.62
156	11-Sep-12	11	3	\$32.23	Yes	\$1,000.00	\$967.77
157	11-Sep-12	11	4	\$44.86	Yes	\$1,000.00	\$955.14
158	11-Sep-12	11	5	\$32.37	Yes	\$1,000.00	\$967.63
159	11-Sep-12	11	6	\$32.37	Yes	\$1,000.00	\$967.63
160	11-Sep-12	11	7	\$902.75	Yes	\$1,000.00	\$97.25
161	11-Sep-12	11	8	\$183.92	Yes	\$1,000.00	\$816.08
162	11-Sep-12	11	9	\$92.91	Yes	\$1,000.00	\$907.09
163	11-Sep-12	11	10	\$89.29	Yes	\$1,000.00	\$910.71
164	11-Sep-12	11	11	\$88.71	Yes	\$1,000.00	\$911.29
165	11-Sep-12	11	12	\$109.27	Yes	\$1,000.00	\$890.73
166	11-Sep-12	12	1	\$68.45	Yes	\$1,000.00	\$931.55
167	11-Sep-12	12	2	\$70.27	Yes	\$1,000.00	\$929.73
168	11-Sep-12	12	3	\$52.79	Yes	\$1,000.00	\$947.21
169	11-Sep-12	12	4	\$36.60	Yes	\$1,000.00	\$963.40
170	11-Sep-12	12	5	\$26.60	Yes	\$1,000.00	\$973.40
171	11-Sep-12	12	6	\$32.20	Yes	\$1,000.00	\$967.80
172	11-Sep-12	12	7	\$32.47	Yes	\$1,000.00	\$967.53
173	11-Sep-12	12	8	\$31.27	Yes	\$1,000.00	\$968.73
174	11-Sep-12	12	9	\$30.89	Yes	\$1,000.00	\$969.11
175	11-Sep-12	12	10	\$32.89	Yes	\$1,000.00	\$967.11
176	11-Sep-12	12	11	\$32.90	Yes	\$1,000.00	\$967.10
177	11-Sep-12	12	12	\$35.41	Yes	\$1,000.00	\$964.59

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	11-Sep-12	13	1	\$23.89	Yes	\$1,000.00	\$976.11
179	11-Sep-12	13	2	\$25.08	Yes	\$1,000.00	\$974.92
180	11-Sep-12	13	3	\$24.53	Yes	\$1,000.00	\$975.47
181	11-Sep-12	13	4	\$29.53	Yes	\$1,000.00	\$970.47
182	11-Sep-12	13	5	\$32.34	Yes	\$1,000.00	\$967.66
183	11-Sep-12	13	6	\$29.32	Yes	\$1,000.00	\$970.68
184	11-Sep-12	13	7	\$23.88	Yes	\$1,000.00	\$976.12
185	11-Sep-12	13	8	\$24.72	Yes	\$1,000.00	\$975.28
186	11-Sep-12	13	9	\$25.91	Yes	\$1,000.00	\$974.09
187	11-Sep-12	13	10	\$25.96	Yes	\$1,000.00	\$974.04
188	11-Sep-12	13	11	\$25.62	Yes	\$1,000.00	\$974.38
189	11-Sep-12	13	12	\$25.89	Yes	\$1,000.00	\$974.11
190	11-Sep-12	14	1	\$32.20	Yes	\$1,000.00	\$967.80
191	11-Sep-12	14	2	\$32.23	Yes	\$1,000.00	\$967.77
192	11-Sep-12	14	3	\$23.62	Yes	\$1,000.00	\$976.38
193	11-Sep-12	14	4	\$23.67	Yes	\$1,000.00	\$976.33
194	11-Sep-12	14	5	\$23.67	Yes	\$1,000.00	\$976.33
195	11-Sep-12	14	6	\$23.67	Yes	\$1,000.00	\$976.33
196	11-Sep-12	14	7	\$23.93	Yes	\$1,000.00	\$976.07
197	11-Sep-12	14	8	\$23.93	Yes	\$1,000.00	\$976.07
198	11-Sep-12	14	9	\$23.93	Yes	\$1,000.00	\$976.07
199	11-Sep-12	14	10	\$23.76	Yes	\$1,000.00	\$976.24
200	11-Sep-12	14	11	\$23.76	Yes	\$1,000.00	\$976.24
201	11-Sep-12	14	12	\$24.10	Yes	\$1,000.00	\$975.90
202	11-Sep-12	15	1	\$23.31	Yes	\$1,000.00	\$976.69
203	11-Sep-12	15	2	\$23.59	Yes	\$1,000.00	\$976.41
204	11-Sep-12	15	3	\$23.65	Yes	\$1,000.00	\$976.35
205	11-Sep-12	15	4	\$23.70	Yes	\$1,000.00	\$976.30
206	11-Sep-12	15	5	\$23.70	Yes	\$1,000.00	\$976.30
207	11-Sep-12	15	6	\$23.72	Yes	\$1,000.00	\$976.28
208	11-Sep-12	15	7	\$23.68	Yes	\$1,000.00	\$976.32
209	11-Sep-12	15	8	\$23.68	Yes	\$1,000.00	\$976.32
210	11-Sep-12	15	9	\$23.86	Yes	\$1,000.00	\$976.14
211	11-Sep-12	15	10	\$23.89	Yes	\$1,000.00	\$976.11
212	11-Sep-12	15	11	\$23.75	Yes	\$1,000.00	\$976.25
213	11-Sep-12	15	12	\$24.69	Yes	\$1,000.00	\$975.31
214	11-Sep-12	16	1	\$23.91	Yes	\$1,000.00	\$976.09
215	11-Sep-12	16	2	\$24.75	Yes	\$1,000.00	\$975.25
216	11-Sep-12	16	3	\$25.36	Yes	\$1,000.00	\$974.64
217	11-Sep-12	16	4	\$25.67	Yes	\$1,000.00	\$974.33
218	11-Sep-12	16	5	\$25.67	Yes	\$1,000.00	\$974.33
219	11-Sep-12	16	6	\$25.67	Yes	\$1,000.00	\$974.33
220	11-Sep-12	16	7	\$24.88	Yes	\$1,000.00	\$975.12
221	11-Sep-12	16	8	\$25.40	Yes	\$1,000.00	\$974.60
222	11-Sep-12	16	9	\$25.09	Yes	\$1,000.00	\$974.91

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	11-Sep-12	16	10	\$24.75	Yes	\$1,000.00	\$975.25
224	11-Sep-12	16	11	\$24.75	Yes	\$1,000.00	\$975.25
225	11-Sep-12	16	12	\$24.75	Yes	\$1,000.00	\$975.25
226	11-Sep-12	17	1	\$24.68	Yes	\$1,000.00	\$975.32
227	11-Sep-12	17	2	\$24.06	Yes	\$1,000.00	\$975.94
228	11-Sep-12	17	3	\$24.68	Yes	\$1,000.00	\$975.32
229	11-Sep-12	17	4	\$23.65	Yes	\$1,000.00	\$976.35
230	11-Sep-12	17	5	\$23.65	Yes	\$1,000.00	\$976.35
231	11-Sep-12	17	6	\$23.65	Yes	\$1,000.00	\$976.35
232	11-Sep-12	17	7	\$23.52	Yes	\$1,000.00	\$976.48
233	11-Sep-12	17	8	\$23.52	Yes	\$1,000.00	\$976.48
234	11-Sep-12	17	9	\$23.46	Yes	\$1,000.00	\$976.54
235	11-Sep-12	17	10	\$23.17	Yes	\$1,000.00	\$976.83
236	11-Sep-12	17	11	\$23.37	Yes	\$1,000.00	\$976.63
237	11-Sep-12	17	12	\$23.37	Yes	\$1,000.00	\$976.63
238	11-Sep-12	18	1	\$23.44	Yes	\$1,000.00	\$976.56
239	11-Sep-12	18	2	\$23.53	Yes	\$1,000.00	\$976.47
240	11-Sep-12	18	3	\$23.82	Yes	\$1,000.00	\$976.18
241	11-Sep-12	18	4	\$23.46	Yes	\$1,000.00	\$976.54
242	11-Sep-12	18	5	\$23.42	Yes	\$1,000.00	\$976.58
243	11-Sep-12	18	6	\$23.40	Yes	\$1,000.00	\$976.60
244	11-Sep-12	18	7	\$23.20	Yes	\$1,000.00	\$976.80
245	11-Sep-12	18	8	\$23.20	Yes	\$1,000.00	\$976.80
246	11-Sep-12	18	9	\$23.20	Yes	\$1,000.00	\$976.80
247	11-Sep-12	18	10	\$23.10	Yes	\$1,000.00	\$976.90
248	11-Sep-12	18	11	\$23.11	Yes	\$1,000.00	\$976.89
249	11-Sep-12	18	12	\$23.11	Yes	\$1,000.00	\$976.89
250	11-Sep-12	19	1	\$23.19	Yes	\$1,000.00	\$976.81
251	11-Sep-12	19	2	\$23.19	Yes	\$1,000.00	\$976.81
252	11-Sep-12	19	3	\$23.37	Yes	\$1,000.00	\$976.63
253	11-Sep-12	19	4	\$23.18	Yes	\$1,000.00	\$976.82
254	11-Sep-12	19	5	\$23.39	Yes	\$1,000.00	\$976.61
255	11-Sep-12	19	6	\$23.33	Yes	\$1,000.00	\$976.67
256	11-Sep-12	19	7	\$22.52	Yes	\$1,000.00	\$977.48
257	11-Sep-12	19	8	\$22.71	Yes	\$1,000.00	\$977.29
258	11-Sep-12	19	9	\$22.71	Yes	\$1,000.00	\$977.29
259	11-Sep-12	19	10	\$23.19	Yes	\$1,000.00	\$976.81
260	11-Sep-12	19	11	\$23.19	Yes	\$1,000.00	\$976.81
261	11-Sep-12	19	12	\$23.34	Yes	\$1,000.00	\$976.66
262	11-Sep-12	20	1	\$23.49	Yes	\$1,000.00	\$976.51
263	11-Sep-12	20	2	\$24.03	Yes	\$1,000.00	\$975.97
264	11-Sep-12	20	3	\$24.06	Yes	\$1,000.00	\$975.94
265	11-Sep-12	20	4	\$25.04	Yes	\$1,000.00	\$974.96
266	11-Sep-12	20	5	\$26.10	Yes	\$1,000.00	\$973.90
267	11-Sep-12	20	6	\$27.19	Yes	\$1,000.00	\$972.81

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	11-Sep-12	20	7	\$27.19	Yes	\$1,000.00	\$972.81
269	11-Sep-12	20	8	\$27.21	Yes	\$1,000.00	\$972.79
270	11-Sep-12	20	9	\$27.45	Yes	\$1,000.00	\$972.55
271	11-Sep-12	20	10	\$27.60	Yes	\$1,000.00	\$972.40
272	11-Sep-12	20	11	\$28.20	Yes	\$1,000.00	\$971.80
273	11-Sep-12	20	12	\$28.46	Yes	\$1,000.00	\$971.55
274	11-Sep-12	21	1	\$27.39	Yes	\$1,000.00	\$972.61
275	11-Sep-12	21	2	\$26.78	Yes	\$1,000.00	\$973.22
276	11-Sep-12	21	3	\$26.78	Yes	\$1,000.00	\$973.22
277	11-Sep-12	21	4	\$26.71	Yes	\$1,000.00	\$973.29
278	11-Sep-12	21	5	\$25.85	Yes	\$1,000.00	\$974.15
279	11-Sep-12	21	6	\$24.34	Yes	\$1,000.00	\$975.66
280	11-Sep-12	21	7	\$23.51	Yes	\$1,000.00	\$976.49
281	11-Sep-12	21	8	\$23.51	Yes	\$1,000.00	\$976.49
282	11-Sep-12	21	9	\$23.53	Yes	\$1,000.00	\$976.47
283	11-Sep-12	21	10	\$23.48	Yes	\$1,000.00	\$976.52
284	11-Sep-12	21	11	\$23.47	Yes	\$1,000.00	\$976.53
285	11-Sep-12	21	12	\$21.83	Yes	\$1,000.00	\$978.17
286	11-Sep-12	22	1	\$23.71	Yes	\$1,000.00	\$976.29
287	11-Sep-12	22	2	\$23.55	Yes	\$1,000.00	\$976.45
288	11-Sep-12	22	3	\$23.65	Yes	\$1,000.00	\$976.35
289	11-Sep-12	22	4	\$23.11	Yes	\$1,000.00	\$976.89
290	11-Sep-12	22	5	\$23.48	Yes	\$1,000.00	\$976.52
291	11-Sep-12	22	6	\$23.47	Yes	\$1,000.00	\$976.53
292	11-Sep-12	22	7	\$23.42	Yes	\$1,000.00	\$976.58
293	11-Sep-12	22	8	\$22.11	Yes	\$1,000.00	\$977.89
294	11-Sep-12	22	9	\$21.23	Yes	\$1,000.00	\$978.77
295	11-Sep-12	22	10	\$20.49	Yes	\$1,000.00	\$979.51
296	11-Sep-12	22	11	\$20.83	Yes	\$1,000.00	\$979.17
297	11-Sep-12	22	12	\$20.64	Yes	\$1,000.00	\$979.36
298	11-Sep-12	23	1	\$23.72	Yes	\$1,000.00	\$976.28
299	11-Sep-12	23	2	\$23.72	Yes	\$1,000.00	\$976.28
300	11-Sep-12	23	3	\$23.72	Yes	\$1,000.00	\$976.28
301	11-Sep-12	23	4	\$23.30	Yes	\$1,000.00	\$976.70
302	11-Sep-12	23	5	\$23.30	Yes	\$1,000.00	\$976.70
303	11-Sep-12	23	6	\$21.61	Yes	\$1,000.00	\$978.39
304	11-Sep-12	23	7	\$18.80	Yes	\$1,000.00	\$981.20
305	11-Sep-12	23	8	\$18.80	Yes	\$1,000.00	\$981.20
306	11-Sep-12	23	9	\$19.42	Yes	\$1,000.00	\$980.58
307	11-Sep-12	23	10	\$18.80	Yes	\$1,000.00	\$981.20
308	11-Sep-12	23	11	\$18.80	Yes	\$1,000.00	\$981.20
309	11-Sep-12	23	12	\$20.34	Yes	\$1,000.00	\$979.66
310	11-Sep-12	24	1	\$22.46	Yes	\$1,000.00	\$977.54
311	11-Sep-12	24	2	\$23.66	Yes	\$1,000.00	\$976.34
312	11-Sep-12	24	3	\$23.66	Yes	\$1,000.00	\$976.34

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	11-Sep-12	24	4	\$23.51	Yes	\$1,000.00	\$976.49
314	11-Sep-12	24	5	\$23.17	Yes	\$1,000.00	\$976.83
315	11-Sep-12	24	6	\$21.83	Yes	\$1,000.00	\$978.17
316	11-Sep-12	24	7	\$21.66	Yes	\$1,000.00	\$978.34
317	11-Sep-12	24	8	\$20.00	Yes	\$1,000.00	\$980.00
318	11-Sep-12	24	9	\$18.73	Yes	\$1,000.00	\$981.27
319	11-Sep-12	24	10	\$16.93	Yes	\$1,000.00	\$983.07
320	11-Sep-12	24	11	\$18.01	Yes	\$1,000.00	\$981.99
321	11-Sep-12	24	12	\$20.23	Yes	\$1,000.00	\$979.77
322	12-Sep-12	8	1	\$31.88	Yes	\$1,000.00	\$968.12
323	12-Sep-12	8	2	\$30.86	Yes	\$1,000.00	\$969.14
324	12-Sep-12	8	3	\$40.86	Yes	\$1,000.00	\$959.14
325	12-Sep-12	8	4	\$35.34	Yes	\$1,000.00	\$964.66
326	12-Sep-12	8	5	\$38.48	Yes	\$1,000.00	\$961.52
327	12-Sep-12	8	6	\$40.87	Yes	\$1,000.00	\$959.13
328	12-Sep-12	8	7	\$36.24	Yes	\$1,000.00	\$963.76
329	12-Sep-12	8	8	\$38.36	Yes	\$1,000.00	\$961.64
330	12-Sep-12	8	9	\$38.43	Yes	\$1,000.00	\$961.57
331	12-Sep-12	8	10	\$38.82	Yes	\$1,000.00	\$961.18
332	12-Sep-12	8	11	\$34.50	Yes	\$1,000.00	\$965.50
333	12-Sep-12	8	12	\$32.37	Yes	\$1,000.00	\$967.63
334	12-Sep-12	9	1	\$27.70	Yes	\$1,000.00	\$972.30
335	12-Sep-12	9	2	\$24.84	Yes	\$1,000.00	\$975.16
336	12-Sep-12	9	3	\$24.86	Yes	\$1,000.00	\$975.14
337	12-Sep-12	9	4	\$24.86	Yes	\$1,000.00	\$975.14
338	12-Sep-12	9	5	\$25.23	Yes	\$1,000.00	\$974.77
339	12-Sep-12	9	6	\$25.23	Yes	\$1,000.00	\$974.77
340	12-Sep-12	9	7	\$29.60	Yes	\$1,000.00	\$970.40
341	12-Sep-12	9	8	\$31.06	Yes	\$1,000.00	\$968.94
342	12-Sep-12	9	9	\$31.77	Yes	\$1,000.00	\$968.23
343	12-Sep-12	9	10	\$29.72	Yes	\$1,000.00	\$970.28
344	12-Sep-12	9	11	\$29.35	Yes	\$1,000.00	\$970.65
345	12-Sep-12	9	12	\$25.84	Yes	\$1,000.00	\$974.16
346	12-Sep-12	10	1	\$24.87	Yes	\$1,000.00	\$975.13
347	12-Sep-12	10	2	\$24.87	Yes	\$1,000.00	\$975.13
348	12-Sep-12	10	3	\$24.88	Yes	\$1,000.00	\$975.12
349	12-Sep-12	10	4	\$24.96	Yes	\$1,000.00	\$975.04
350	12-Sep-12	10	5	\$24.96	Yes	\$1,000.00	\$975.04
351	12-Sep-12	10	6	\$24.96	Yes	\$1,000.00	\$975.04
352	12-Sep-12	10	7	\$36.89	Yes	\$1,000.00	\$963.11
353	12-Sep-12	10	8	\$36.90	Yes	\$1,000.00	\$963.10
354	12-Sep-12	10	9	\$34.16	Yes	\$1,000.00	\$965.84
355	12-Sep-12	10	10	\$44.00	Yes	\$1,000.00	\$956.00
356	12-Sep-12	10	11	\$39.31	Yes	\$1,000.00	\$960.69
357	12-Sep-12	10	12	\$34.94	Yes	\$1,000.00	\$965.06

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	12-Sep-12	11	1	\$25.43	Yes	\$1,000.00	\$974.57
359	12-Sep-12	11	2	\$25.43	Yes	\$1,000.00	\$974.57
360	12-Sep-12	11	3	\$34.54	Yes	\$1,000.00	\$965.46
361	12-Sep-12	11	4	\$44.44	Yes	\$1,000.00	\$955.56
362	12-Sep-12	11	5	\$41.61	Yes	\$1,000.00	\$958.39
363	12-Sep-12	11	6	\$36.76	Yes	\$1,000.00	\$963.24
364	12-Sep-12	11	7	\$177.05	Yes	\$1,000.00	\$822.95
365	12-Sep-12	11	8	\$44.50	Yes	\$1,000.00	\$955.50
366	12-Sep-12	11	9	\$48.36	Yes	\$1,000.00	\$951.64
367	12-Sep-12	11	10	\$25.17	Yes	\$1,000.00	\$974.83
368	12-Sep-12	11	11	\$26.27	Yes	\$1,000.00	\$973.73
369	12-Sep-12	11	12	\$27.74	Yes	\$1,000.00	\$972.26
370	12-Sep-12	12	1	\$24.87	Yes	\$1,000.00	\$975.13
371	12-Sep-12	12	2	\$24.87	Yes	\$1,000.00	\$975.13
372	12-Sep-12	12	3	\$24.87	Yes	\$1,000.00	\$975.13
373	12-Sep-12	12	4	\$24.93	Yes	\$1,000.00	\$975.07
374	12-Sep-12	12	5	\$24.93	Yes	\$1,000.00	\$975.07
375	12-Sep-12	12	6	\$24.93	Yes	\$1,000.00	\$975.07
376	12-Sep-12	12	7	\$23.56	Yes	\$1,000.00	\$976.44
377	12-Sep-12	12	8	\$24.70	Yes	\$1,000.00	\$975.30
378	12-Sep-12	12	9	\$24.92	Yes	\$1,000.00	\$975.08
379	12-Sep-12	12	10	\$85.04	Yes	\$1,000.00	\$914.96
380	12-Sep-12	12	11	\$53.56	Yes	\$1,000.00	\$946.44
381	12-Sep-12	12	12	\$180.62	Yes	\$1,000.00	\$819.38
382	12-Sep-12	13	1	\$26.04	Yes	\$1,000.00	\$973.96
383	12-Sep-12	13	2	\$178.86	Yes	\$1,000.00	\$821.14
384	12-Sep-12	13	3	\$116.29	Yes	\$1,000.00	\$883.71
385	12-Sep-12	13	4	\$177.39	Yes	\$1,000.00	\$822.61
386	12-Sep-12	13	5	\$175.39	Yes	\$1,000.00	\$824.61
387	12-Sep-12	13	6	\$258.23	Yes	\$1,000.00	\$741.77
388	12-Sep-12	13	7	\$27.61	Yes	\$1,000.00	\$972.39
389	12-Sep-12	13	8	\$61.36	Yes	\$1,000.00	\$938.64
390	12-Sep-12	13	9	\$136.82	Yes	\$1,000.00	\$863.18
391	12-Sep-12	13	10	\$77.03	Yes	\$1,000.00	\$922.97
392	12-Sep-12	13	11	\$71.30	Yes	\$1,000.00	\$928.70
393	12-Sep-12	13	12	\$40.29	Yes	\$1,000.00	\$959.71
394	12-Sep-12	14	1	\$1,257.83	Yes	\$1,000.00	-\$257.83
395	12-Sep-12	14	2	\$56.77	Yes	\$1,000.00	\$943.23
396	12-Sep-12	14	3	\$35.19	Yes	\$1,000.00	\$964.81
397	12-Sep-12	14	4	\$52.79	Yes	\$1,000.00	\$947.21
398	12-Sep-12	14	5	\$50.42	Yes	\$1,000.00	\$949.58
399	12-Sep-12	14	6	\$40.26	Yes	\$1,000.00	\$959.74
400	12-Sep-12	14	7	\$52.91	Yes	\$1,000.00	\$947.09
401	12-Sep-12	14	8	\$35.65	Yes	\$1,000.00	\$964.35
402	12-Sep-12	14	9	\$40.42	Yes	\$1,000.00	\$959.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	12-Sep-12	14	10	\$38.15	Yes	\$1,000.00	\$961.85
404	12-Sep-12	14	11	\$38.17	Yes	\$1,000.00	\$961.83
405	12-Sep-12	14	12	\$69.85	Yes	\$1,000.00	\$930.15
406	12-Sep-12	15	1	\$37.41	Yes	\$1,000.00	\$962.59
407	12-Sep-12	15	2	\$37.66	Yes	\$1,000.00	\$962.34
408	12-Sep-12	15	3	\$34.52	Yes	\$1,000.00	\$965.48
409	12-Sep-12	15	4	\$37.43	Yes	\$1,000.00	\$962.57
410	12-Sep-12	15	5	\$68.85	Yes	\$1,000.00	\$931.15
411	12-Sep-12	15	6	\$68.93	Yes	\$1,000.00	\$931.07
412	12-Sep-12	15	7	\$48.45	Yes	\$1,000.00	\$951.55
413	12-Sep-12	15	8	\$38.77	Yes	\$1,000.00	\$961.23
414	12-Sep-12	15	9	\$41.81	Yes	\$1,000.00	\$958.19
415	12-Sep-12	15	10	\$58.69	Yes	\$1,000.00	\$941.31
416	12-Sep-12	15	11	\$1,000.00	Yes	\$1,000.00	\$0.00
417	12-Sep-12	15	12	\$951.12	Yes	\$1,000.00	\$48.88
418	12-Sep-12	16	1	\$1,019.90	Yes	\$1,000.00	-\$19.90
419	12-Sep-12	16	2	\$69.26	Yes	\$1,000.00	\$930.74
420	12-Sep-12	16	3	\$153.63	Yes	\$1,000.00	\$846.37
421	12-Sep-12	16	4	\$153.63	Yes	\$1,000.00	\$846.37
422	12-Sep-12	16	5	\$69.24	Yes	\$1,000.00	\$930.76
423	12-Sep-12	16	6	\$46.86	Yes	\$1,000.00	\$953.14
424	12-Sep-12	16	7	\$48.34	Yes	\$1,000.00	\$951.66
425	12-Sep-12	16	8	\$65.19	Yes	\$1,000.00	\$934.81
426	12-Sep-12	16	9	\$265.78	Yes	\$1,000.00	\$734.22
427	12-Sep-12	16	10	\$199.82	Yes	\$1,000.00	\$800.18
428	12-Sep-12	16	11	\$285.65	Yes	\$1,000.00	\$714.35
429	12-Sep-12	16	12	\$65.09	Yes	\$1,000.00	\$934.91
430	12-Sep-12	17	1	\$72.51	Yes	\$1,000.00	\$927.49
431	12-Sep-12	17	2	\$49.11	Yes	\$1,000.00	\$950.89
432	12-Sep-12	17	3	\$65.15	Yes	\$1,000.00	\$934.85
433	12-Sep-12	17	4	\$131.24	Yes	\$1,000.00	\$868.76
434	12-Sep-12	17	5	\$59.90	Yes	\$1,000.00	\$940.10
435	12-Sep-12	17	6	\$50.15	Yes	\$1,000.00	\$949.85
436	12-Sep-12	17	7	\$66.68	Yes	\$1,000.00	\$933.32
437	12-Sep-12	17	8	\$66.68	Yes	\$1,000.00	\$933.32
438	12-Sep-12	17	9	\$65.36	Yes	\$1,000.00	\$934.64
439	12-Sep-12	17	10	\$65.03	Yes	\$1,000.00	\$934.97
440	12-Sep-12	17	11	\$69.34	Yes	\$1,000.00	\$930.66
441	12-Sep-12	17	12	\$58.78	Yes	\$1,000.00	\$941.22
442	12-Sep-12	18	1	\$42.55	Yes	\$1,000.00	\$957.45
443	12-Sep-12	18	2	\$34.33	Yes	\$1,000.00	\$965.67
444	12-Sep-12	18	3	\$35.56	Yes	\$1,000.00	\$964.44
445	12-Sep-12	18	4	\$37.40	Yes	\$1,000.00	\$962.60
446	12-Sep-12	18	5	\$35.61	Yes	\$1,000.00	\$964.39
447	12-Sep-12	18	6	\$38.92	Yes	\$1,000.00	\$961.08

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	12-Sep-12	18	7	\$38.72	Yes	\$1,000.00	\$961.28
449	12-Sep-12	18	8	\$31.84	Yes	\$1,000.00	\$968.16
450	12-Sep-12	18	9	\$32.79	Yes	\$1,000.00	\$967.21
451	12-Sep-12	18	10	\$34.99	Yes	\$1,000.00	\$965.01
452	12-Sep-12	18	11	\$35.20	Yes	\$1,000.00	\$964.80
453	12-Sep-12	18	12	\$36.49	Yes	\$1,000.00	\$963.51
454	12-Sep-12	19	1	\$31.85	Yes	\$1,000.00	\$968.15
455	12-Sep-12	19	2	\$35.20	Yes	\$1,000.00	\$964.80
456	12-Sep-12	19	3	\$42.56	Yes	\$1,000.00	\$957.45
457	12-Sep-12	19	4	\$38.03	Yes	\$1,000.00	\$961.97
458	12-Sep-12	19	5	\$38.03	Yes	\$1,000.00	\$961.97
459	12-Sep-12	19	6	\$37.95	Yes	\$1,000.00	\$962.05
460	12-Sep-12	19	7	\$37.07	Yes	\$1,000.00	\$962.93
461	12-Sep-12	19	8	\$39.12	Yes	\$1,000.00	\$960.88
462	12-Sep-12	19	9	\$39.12	Yes	\$1,000.00	\$960.88
463	12-Sep-12	19	10	\$35.16	Yes	\$1,000.00	\$964.84
464	12-Sep-12	19	11	\$33.51	Yes	\$1,000.00	\$966.49
465	12-Sep-12	19	12	\$32.81	Yes	\$1,000.00	\$967.19
466	12-Sep-12	20	1	\$32.61	Yes	\$1,000.00	\$967.39
467	12-Sep-12	20	2	\$30.86	Yes	\$1,000.00	\$969.14
468	12-Sep-12	20	3	\$32.61	Yes	\$1,000.00	\$967.39
469	12-Sep-12	20	4	\$34.54	Yes	\$1,000.00	\$965.46
470	12-Sep-12	20	5	\$37.29	Yes	\$1,000.00	\$962.71
471	12-Sep-12	20	6	\$39.32	Yes	\$1,000.00	\$960.68
472	12-Sep-12	20	7	\$39.25	Yes	\$1,000.00	\$960.75
473	12-Sep-12	20	8	\$40.75	Yes	\$1,000.00	\$959.25
474	12-Sep-12	20	9	\$199.84	Yes	\$1,000.00	\$800.16
475	12-Sep-12	20	10	\$1,029.53	Yes	\$1,000.00	-\$29.53
476	12-Sep-12	20	11	\$525.92	Yes	\$1,000.00	\$474.08
477	12-Sep-12	20	12	\$340.33	Yes	\$1,000.00	\$659.67
478	12-Sep-12	21	1	\$39.33	Yes	\$1,000.00	\$960.67
479	12-Sep-12	21	2	\$42.54	Yes	\$1,000.00	\$957.46
480	12-Sep-12	21	3	\$42.41	Yes	\$1,000.00	\$957.59
481	12-Sep-12	21	4	\$39.37	Yes	\$1,000.00	\$960.63
482	12-Sep-12	21	5	\$37.76	Yes	\$1,000.00	\$962.24
483	12-Sep-12	21	6	\$32.07	Yes	\$1,000.00	\$967.93
484	12-Sep-12	21	7	\$31.11	Yes	\$1,000.00	\$968.89
485	12-Sep-12	21	8	\$30.22	Yes	\$1,000.00	\$969.78
486	12-Sep-12	21	9	\$30.03	Yes	\$1,000.00	\$969.97
487	12-Sep-12	21	10	\$29.03	Yes	\$1,000.00	\$970.97
488	12-Sep-12	21	11	\$29.15	Yes	\$1,000.00	\$970.85
489	12-Sep-12	21	12	\$29.47	Yes	\$1,000.00	\$970.53
490	12-Sep-12	22	1	\$32.31	Yes	\$1,000.00	\$967.69
491	12-Sep-12	22	2	\$31.92	Yes	\$1,000.00	\$968.08
492	12-Sep-12	22	3	\$32.06	Yes	\$1,000.00	\$967.94

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	12-Sep-12	22	4	\$30.33	Yes	\$1,000.00	\$969.67
494	12-Sep-12	22	5	\$29.15	Yes	\$1,000.00	\$970.85
495	12-Sep-12	22	6	\$29.02	Yes	\$1,000.00	\$970.98
496	12-Sep-12	22	7	\$26.87	Yes	\$1,000.00	\$973.13
497	12-Sep-12	22	8	\$26.51	Yes	\$1,000.00	\$973.49
498	12-Sep-12	22	9	\$25.01	Yes	\$1,000.00	\$974.99
499	12-Sep-12	22	10	\$23.98	Yes	\$1,000.00	\$976.02
500	12-Sep-12	22	11	-\$31.29	Yes	\$1,000.00	\$1,031.29
501	12-Sep-12	22	12	\$24.04	Yes	\$1,000.00	\$975.96
502	12-Sep-12	23	1	\$29.54	Yes	\$1,000.00	\$970.46
503	12-Sep-12	23	2	\$35.04	Yes	\$1,000.00	\$964.96
504	12-Sep-12	23	3	\$40.62	Yes	\$1,000.00	\$959.38
505	12-Sep-12	23	4	\$36.70	Yes	\$1,000.00	\$963.30
506	12-Sep-12	23	5	\$36.70	Yes	\$1,000.00	\$963.30
507	12-Sep-12	23	6	\$29.81	Yes	\$1,000.00	\$970.19
508	12-Sep-12	23	7	\$31.36	Yes	\$1,000.00	\$968.64
509	12-Sep-12	23	8	\$27.16	Yes	\$1,000.00	\$972.84
510	12-Sep-12	23	9	\$24.67	Yes	\$1,000.00	\$975.33
511	12-Sep-12	23	10	\$19.25	Yes	\$1,000.00	\$980.75
512	12-Sep-12	23	11	\$19.68	Yes	\$1,000.00	\$980.32
513	12-Sep-12	23	12	\$24.20	Yes	\$1,000.00	\$975.80
514	12-Sep-12	24	1	\$24.64	Yes	\$1,000.00	\$975.36
515	12-Sep-12	24	2	\$24.71	Yes	\$1,000.00	\$975.29
516	12-Sep-12	24	3	\$24.71	Yes	\$1,000.00	\$975.29
517	12-Sep-12	24	4	\$19.67	Yes	\$1,000.00	\$980.33
518	12-Sep-12	24	5	\$22.72	Yes	\$1,000.00	\$977.28
519	12-Sep-12	24	6	\$19.22	Yes	\$1,000.00	\$980.78
520	12-Sep-12	24	7	\$19.95	Yes	\$1,000.00	\$980.05
521	12-Sep-12	24	8	\$19.67	Yes	\$1,000.00	\$980.33
522	12-Sep-12	24	9	\$19.36	Yes	\$1,000.00	\$980.64
523	12-Sep-12	24	10	\$19.67	Yes	\$1,000.00	\$980.33
524	12-Sep-12	24	11	\$19.30	Yes	\$1,000.00	\$980.70
525	12-Sep-12	24	12	\$18.23	Yes	\$1,000.00	\$981.77
526	13-Sep-12	11	6	\$21.39	Yes	\$1,000.00	\$978.61
527	13-Sep-12	11	7	\$22.94	Yes	\$1,000.00	\$977.06
528	13-Sep-12	11	8	\$22.27	Yes	\$1,000.00	\$977.73
529	13-Sep-12	11	9	\$22.27	Yes	\$1,000.00	\$977.73
530	13-Sep-12	11	10	\$22.15	Yes	\$1,000.00	\$977.85
531	13-Sep-12	11	11	\$22.31	Yes	\$1,000.00	\$977.69
532	13-Sep-12	11	12	\$25.20	Yes	\$1,000.00	\$974.80
533	13-Sep-12	12	1	\$21.14	Yes	\$1,000.00	\$978.86
534	13-Sep-12	12	2	\$22.19	Yes	\$1,000.00	\$977.81
535	13-Sep-12	12	3	\$22.31	Yes	\$1,000.00	\$977.69
536	13-Sep-12	12	4	\$23.96	Yes	\$1,000.00	\$976.04
537	13-Sep-12	12	5	\$24.33	Yes	\$1,000.00	\$975.67

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	13-Sep-12	12	6	\$24.74	Yes	\$1,000.00	\$975.26
539	13-Sep-12	12	7	\$25.45	Yes	\$1,000.00	\$974.55
540	13-Sep-12	12	8	\$25.11	Yes	\$1,000.00	\$974.89
541	13-Sep-12	12	9	\$25.27	Yes	\$1,000.00	\$974.73
542	13-Sep-12	12	10	\$25.19	Yes	\$1,000.00	\$974.81
543	13-Sep-12	12	11	\$25.56	Yes	\$1,000.00	\$974.44
544	13-Sep-12	12	12	\$25.43	Yes	\$1,000.00	\$974.57
545	13-Sep-12	13	1	\$23.62	Yes	\$1,000.00	\$976.38
546	13-Sep-12	13	2	\$22.90	Yes	\$1,000.00	\$977.10
547	13-Sep-12	13	3	\$22.70	Yes	\$1,000.00	\$977.30
548	13-Sep-12	13	4	\$24.84	Yes	\$1,000.00	\$975.16
549	13-Sep-12	13	5	\$25.11	Yes	\$1,000.00	\$974.89
550	13-Sep-12	13	6	\$25.40	Yes	\$1,000.00	\$974.60
551	13-Sep-12	13	7	\$24.61	Yes	\$1,000.00	\$975.39
552	13-Sep-12	13	8	\$25.60	Yes	\$1,000.00	\$974.40
553	13-Sep-12	13	9	\$25.53	Yes	\$1,000.00	\$974.47
554	13-Sep-12	13	10	\$26.42	Yes	\$1,000.00	\$973.58
555	13-Sep-12	13	11	\$26.52	Yes	\$1,000.00	\$973.48
556	13-Sep-12	13	12	\$26.78	Yes	\$1,000.00	\$973.22
557	13-Sep-12	14	1	\$24.52	Yes	\$1,000.00	\$975.48
558	13-Sep-12	14	2	\$25.39	Yes	\$1,000.00	\$974.61
559	13-Sep-12	14	3	\$23.02	Yes	\$1,000.00	\$976.98
560	13-Sep-12	14	4	\$24.11	Yes	\$1,000.00	\$975.89
561	13-Sep-12	14	5	\$25.14	Yes	\$1,000.00	\$974.86
562	13-Sep-12	14	6	\$26.28	Yes	\$1,000.00	\$973.72
563	13-Sep-12	14	7	\$27.23	Yes	\$1,000.00	\$972.77
564	13-Sep-12	14	8	\$27.15	Yes	\$1,000.00	\$972.85
565	13-Sep-12	14	9	\$26.96	Yes	\$1,000.00	\$973.04
566	13-Sep-12	14	10	\$26.86	Yes	\$1,000.00	\$973.14
567	13-Sep-12	14	11	\$26.86	Yes	\$1,000.00	\$973.14
568	13-Sep-12	14	12	\$28.11	Yes	\$1,000.00	\$971.89
569	13-Sep-12	15	1	\$26.04	Yes	\$1,000.00	\$973.96
570	13-Sep-12	15	2	\$26.02	Yes	\$1,000.00	\$973.98
571	13-Sep-12	15	3	\$26.11	Yes	\$1,000.00	\$973.89
572	13-Sep-12	15	4	\$26.03	Yes	\$1,000.00	\$973.97
573	13-Sep-12	15	5	\$26.52	Yes	\$1,000.00	\$973.48
574	13-Sep-12	15	6	\$26.90	Yes	\$1,000.00	\$973.10
575	13-Sep-12	15	7	\$27.58	Yes	\$1,000.00	\$972.42
576	13-Sep-12	15	8	\$27.77	Yes	\$1,000.00	\$972.23
577	13-Sep-12	15	9	\$27.82	Yes	\$1,000.00	\$972.18
578	13-Sep-12	15	10	\$28.93	Yes	\$1,000.00	\$971.07
579	13-Sep-12	15	11	\$29.85	Yes	\$1,000.00	\$970.15
580	13-Sep-12	15	12	\$31.81	Yes	\$1,000.00	\$968.19
581	13-Sep-12	16	1	\$27.26	Yes	\$1,000.00	\$972.74
582	13-Sep-12	16	2	\$28.95	Yes	\$1,000.00	\$971.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	13-Sep-12	16	3	\$30.91	Yes	\$1,000.00	\$969.09
584	13-Sep-12	16	4	\$30.24	Yes	\$1,000.00	\$969.76
585	13-Sep-12	16	5	\$30.93	Yes	\$1,000.00	\$969.07
586	13-Sep-12	16	6	\$35.69	Yes	\$1,000.00	\$964.31
587	13-Sep-12	16	7	\$35.05	Yes	\$1,000.00	\$964.95
588	13-Sep-12	16	8	\$33.22	Yes	\$1,000.00	\$966.78
589	13-Sep-12	16	9	\$32.68	Yes	\$1,000.00	\$967.32
590	13-Sep-12	16	10	\$33.34	Yes	\$1,000.00	\$966.66
591	13-Sep-12	16	11	\$34.45	Yes	\$1,000.00	\$965.55
592	13-Sep-12	16	12	\$34.85	Yes	\$1,000.00	\$965.15
593	13-Sep-12	17	1	\$37.93	Yes	\$1,000.00	\$962.07
594	13-Sep-12	17	2	\$45.87	Yes	\$1,000.00	\$954.13
595	13-Sep-12	17	3	\$36.90	Yes	\$1,000.00	\$963.10
596	13-Sep-12	17	4	\$34.51	Yes	\$1,000.00	\$965.49
597	13-Sep-12	17	5	\$36.91	Yes	\$1,000.00	\$963.09
598	13-Sep-12	17	6	\$38.69	Yes	\$1,000.00	\$961.31
599	13-Sep-12	17	7	\$38.11	Yes	\$1,000.00	\$961.89
600	13-Sep-12	17	8	\$34.56	Yes	\$1,000.00	\$965.44
601	13-Sep-12	17	9	\$32.17	Yes	\$1,000.00	\$967.83
602	13-Sep-12	17	10	\$31.24	Yes	\$1,000.00	\$968.76
603	13-Sep-12	17	11	\$31.22	Yes	\$1,000.00	\$968.78
604	13-Sep-12	17	12	\$39.02	Yes	\$1,000.00	\$960.98
605	13-Sep-12	18	1	\$35.53	Yes	\$1,000.00	\$964.47
606	13-Sep-12	18	2	\$35.37	Yes	\$1,000.00	\$964.63
607	13-Sep-12	18	3	\$38.78	Yes	\$1,000.00	\$961.22
608	13-Sep-12	18	4	\$37.58	Yes	\$1,000.00	\$962.42
609	13-Sep-12	18	5	\$37.38	Yes	\$1,000.00	\$962.62
610	13-Sep-12	18	6	\$36.12	Yes	\$1,000.00	\$963.88
611	13-Sep-12	18	7	\$37.23	Yes	\$1,000.00	\$962.77
612	13-Sep-12	18	8	\$33.65	Yes	\$1,000.00	\$966.35
613	13-Sep-12	18	9	\$33.65	Yes	\$1,000.00	\$966.35
614	13-Sep-12	18	10	\$36.73	Yes	\$1,000.00	\$963.27
615	13-Sep-12	18	11	\$32.59	Yes	\$1,000.00	\$967.41
616	13-Sep-12	18	12	\$32.59	Yes	\$1,000.00	\$967.41
617	13-Sep-12	19	1	\$40.11	Yes	\$1,000.00	\$959.89
618	13-Sep-12	19	2	\$34.03	Yes	\$1,000.00	\$965.98
619	13-Sep-12	19	3	\$33.94	Yes	\$1,000.00	\$966.06
620	13-Sep-12	19	4	\$39.90	Yes	\$1,000.00	\$960.10
621	13-Sep-12	19	5	\$38.23	Yes	\$1,000.00	\$961.77
622	13-Sep-12	19	6	\$37.78	Yes	\$1,000.00	\$962.22
623	13-Sep-12	19	7	\$36.08	Yes	\$1,000.00	\$963.92
624	13-Sep-12	19	8	\$37.27	Yes	\$1,000.00	\$962.73
625	13-Sep-12	19	9	\$35.35	Yes	\$1,000.00	\$964.65
626	13-Sep-12	19	10	\$38.32	Yes	\$1,000.00	\$961.68
627	13-Sep-12	19	11	\$31.34	Yes	\$1,000.00	\$968.66

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	13-Sep-12	19	12	\$31.10	Yes	\$1,000.00	\$968.90
629	13-Sep-12	20	1	\$31.38	Yes	\$1,000.00	\$968.62
630	13-Sep-12	20	2	\$32.79	Yes	\$1,000.00	\$967.21
631	13-Sep-12	20	3	\$43.46	Yes	\$1,000.00	\$956.54
632	13-Sep-12	20	4	\$193.41	Yes	\$1,000.00	\$806.59
633	13-Sep-12	20	5	\$72.41	Yes	\$1,000.00	\$927.59
634	13-Sep-12	20	6	\$94.56	Yes	\$1,000.00	\$905.44
635	13-Sep-12	20	7	\$36.06	Yes	\$1,000.00	\$963.94
636	13-Sep-12	20	8	\$38.35	Yes	\$1,000.00	\$961.65
637	13-Sep-12	20	9	\$39.09	Yes	\$1,000.00	\$960.91
638	13-Sep-12	20	10	\$73.32	Yes	\$1,000.00	\$926.68
639	13-Sep-12	20	11	\$52.57	Yes	\$1,000.00	\$947.43
640	13-Sep-12	20	12	\$114.24	Yes	\$1,000.00	\$885.76
641	13-Sep-12	21	1	\$33.18	Yes	\$1,000.00	\$966.82
642	13-Sep-12	21	2	\$33.03	Yes	\$1,000.00	\$966.97
643	13-Sep-12	21	3	\$33.17	Yes	\$1,000.00	\$966.83
644	13-Sep-12	21	4	\$42.97	Yes	\$1,000.00	\$957.03
645	13-Sep-12	21	5	\$40.29	Yes	\$1,000.00	\$959.71
646	13-Sep-12	21	6	\$38.15	Yes	\$1,000.00	\$961.85
647	13-Sep-12	21	7	\$40.74	Yes	\$1,000.00	\$959.26
648	13-Sep-12	21	8	\$34.37	Yes	\$1,000.00	\$965.63
649	13-Sep-12	21	9	\$31.22	Yes	\$1,000.00	\$968.78
650	13-Sep-12	21	10	\$29.92	Yes	\$1,000.00	\$970.08
651	13-Sep-12	21	11	\$29.92	Yes	\$1,000.00	\$970.08
652	13-Sep-12	21	12	\$28.70	Yes	\$1,000.00	\$971.30
653	14-Sep-12	14	7	\$30.16	Yes	\$1,000.00	\$969.84
654	14-Sep-12	14	8	\$35.68	Yes	\$1,000.00	\$964.32
655	14-Sep-12	14	9	\$29.30	Yes	\$1,000.00	\$970.70
656	14-Sep-12	14	10	\$30.68	Yes	\$1,000.00	\$969.32
657	14-Sep-12	14	11	\$33.14	Yes	\$1,000.00	\$966.86
658	14-Sep-12	14	12	\$34.33	Yes	\$1,000.00	\$965.67
659	14-Sep-12	15	1	\$32.68	Yes	\$1,000.00	\$967.32
660	14-Sep-12	15	2	\$35.18	Yes	\$1,000.00	\$964.82
661	14-Sep-12	15	3	\$33.92	Yes	\$1,000.00	\$966.08
662	14-Sep-12	15	4	\$34.53	Yes	\$1,000.00	\$965.47
663	14-Sep-12	15	5	\$35.19	Yes	\$1,000.00	\$964.81
664	14-Sep-12	15	6	\$33.35	Yes	\$1,000.00	\$966.65
665	14-Sep-12	15	7	\$32.68	Yes	\$1,000.00	\$967.32
666	14-Sep-12	15	8	\$1,444.95	Yes	\$1,000.00	-\$444.95
667	14-Sep-12	15	9	\$1,639.35	Yes	\$1,000.00	-\$639.35
668	14-Sep-12	15	10	\$1,636.33	Yes	\$1,000.00	-\$636.33
669	14-Sep-12	15	11	\$1,638.20	Yes	\$1,000.00	-\$638.20
670	14-Sep-12	15	12	\$1,638.73	Yes	\$1,000.00	-\$638.73
671	14-Sep-12	16	1	\$1,638.71	Yes	\$0.00	-\$1,638.71
672	14-Sep-12	16	2	\$1,637.99	Yes	\$0.00	-\$1,637.99

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	14-Sep-12	16	3	\$1,637.74	Yes	\$0.00	-\$1,637.74
674	14-Sep-12	16	4	\$1,633.34	Yes	\$0.00	-\$1,633.34
675	14-Sep-12	16	5	\$1,632.89	Yes	\$0.00	-\$1,632.89
676	14-Sep-12	16	6	\$1,634.85	Yes	\$0.00	-\$1,634.85
677	14-Sep-12	16	7	\$1,633.42	Yes	\$0.00	-\$1,633.42
678	14-Sep-12	16	8	\$1,632.27	Yes	\$0.00	-\$1,632.27
679	14-Sep-12	16	9	\$56.16	Yes	\$0.00	-\$56.16
680	14-Sep-12	16	10	\$43.22	Yes	\$0.00	-\$43.22
681	14-Sep-12	16	11	\$52.75	Yes	\$0.00	-\$52.75
682	14-Sep-12	16	12	\$44.89	Yes	\$0.00	-\$44.89
683	14-Sep-12	17	1	\$43.89	Yes	\$0.00	-\$43.89
684	14-Sep-12	17	2	\$42.58	Yes	\$0.00	-\$42.58
685	14-Sep-12	17	3	\$45.05	Yes	\$0.00	-\$45.05
686	14-Sep-12	17	4	\$40.49	Yes	\$0.00	-\$40.49
687	14-Sep-12	17	5	\$40.43	Yes	\$0.00	-\$40.43
688	14-Sep-12	17	6	\$39.07	Yes	\$0.00	-\$39.07
689	14-Sep-12	17	7	\$37.52	Yes	\$0.00	-\$37.52
690	14-Sep-12	17	8	\$38.82	Yes	\$0.00	-\$38.82
691	14-Sep-12	17	9	\$40.50	Yes	\$0.00	-\$40.50
692	14-Sep-12	17	10	\$39.07	Yes	\$0.00	-\$39.07
693	14-Sep-12	17	11	\$39.15	Yes	\$0.00	-\$39.15
694	14-Sep-12	17	12	\$33.76	Yes	\$0.00	-\$33.76
695	14-Sep-12	18	1	\$36.70	Yes	\$0.00	-\$36.70
696	14-Sep-12	18	2	\$35.79	Yes	\$0.00	-\$35.79
697	14-Sep-12	18	3	\$35.67	Yes	\$0.00	-\$35.67
698	14-Sep-12	18	4	\$32.42	Yes	\$0.00	-\$32.42
699	14-Sep-12	18	5	\$29.73	Yes	\$0.00	-\$29.73
700	14-Sep-12	18	6	\$29.18	Yes	\$0.00	-\$29.18
701	14-Sep-12	18	7	\$29.72	Yes	\$0.00	-\$29.72
702	14-Sep-12	18	8	\$30.40	Yes	\$0.00	-\$30.40
703	14-Sep-12	18	9	\$29.41	Yes	\$0.00	-\$29.41
704	14-Sep-12	18	10	\$29.31	Yes	\$0.00	-\$29.31
705	14-Sep-12	18	11	\$29.32	Yes	\$0.00	-\$29.32
706	14-Sep-12	18	12	\$29.87	Yes	\$0.00	-\$29.87
707	14-Sep-12	19	1	\$31.02	Yes	\$1,000.00	\$968.98
708	14-Sep-12	19	2	\$31.44	Yes	\$1,000.00	\$968.56
709	14-Sep-12	19	3	\$30.75	Yes	\$1,000.00	\$969.25
710	14-Sep-12	19	4	\$27.78	Yes	\$1,000.00	\$972.22
711	14-Sep-12	19	5	\$27.83	Yes	\$1,000.00	\$972.17
712	14-Sep-12	19	6	\$27.69	Yes	\$1,000.00	\$972.31
713	14-Sep-12	19	7	\$27.83	Yes	\$1,000.00	\$972.17
714	14-Sep-12	19	8	\$27.65	Yes	\$1,000.00	\$972.35
715	14-Sep-12	19	9	\$27.59	Yes	\$1,000.00	\$972.41
716	14-Sep-12	19	10	\$26.75	Yes	\$1,000.00	\$973.25
717	14-Sep-12	19	11	\$27.17	Yes	\$1,000.00	\$972.83

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	14-Sep-12	19	12	\$27.71	Yes	\$1,000.00	\$972.29
719	14-Sep-12	20	1	\$28.57	Yes	\$1,000.00	\$971.43
720	14-Sep-12	20	2	\$29.81	Yes	\$1,000.00	\$970.19
721	14-Sep-12	20	3	\$30.68	Yes	\$1,000.00	\$969.32
722	14-Sep-12	20	4	\$32.38	Yes	\$1,000.00	\$967.62
723	14-Sep-12	20	5	\$32.71	Yes	\$1,000.00	\$967.29
724	14-Sep-12	20	6	\$33.52	Yes	\$1,000.00	\$966.48
725	14-Sep-12	20	7	\$32.84	Yes	\$1,000.00	\$967.16
726	14-Sep-12	20	8	\$34.16	Yes	\$1,000.00	\$965.84
727	14-Sep-12	20	9	\$32.86	Yes	\$1,000.00	\$967.14
728	14-Sep-12	20	10	\$31.42	Yes	\$1,000.00	\$968.58
729	14-Sep-12	20	11	\$29.87	Yes	\$1,000.00	\$970.13
730	14-Sep-12	20	12	\$29.83	Yes	\$1,000.00	\$970.17
731	14-Sep-12	21	1	\$1,121.89	Yes	\$40.19	-\$1,081.70
732	14-Sep-12	21	2	\$1,786.81	Yes	\$40.19	-\$1,746.62
733	14-Sep-12	21	3	\$138.14	Yes	\$40.19	-\$97.95
734	14-Sep-12	21	4	\$43.84	Yes	\$40.19	-\$3.65
735	14-Sep-12	21	5	\$32.27	Yes	\$40.19	\$7.92
736	14-Sep-12	21	6	\$32.71	Yes	\$40.19	\$7.48
737	14-Sep-12	21	7	\$24.82	Yes	\$40.19	\$15.37
738	14-Sep-12	21	8	\$26.16	Yes	\$40.19	\$14.03
739	14-Sep-12	21	9	\$31.54	Yes	\$40.19	\$8.65
740	14-Sep-12	21	10	\$24.70	Yes	\$40.19	\$15.49
741	14-Sep-12	21	11	\$24.63	Yes	\$40.19	\$15.56
742	14-Sep-12	21	12	\$24.35	Yes	\$40.19	\$15.84
743	15-Sep-12	11	3	\$19.71	Yes	\$1,000.00	\$980.29
744	15-Sep-12	11	4	\$19.74	Yes	\$1,000.00	\$980.26
745	15-Sep-12	11	5	\$24.55	Yes	\$1,000.00	\$975.45
746	15-Sep-12	11	6	\$24.52	Yes	\$1,000.00	\$975.48
747	15-Sep-12	11	7	\$24.50	Yes	\$1,000.00	\$975.50
748	15-Sep-12	11	8	\$24.51	Yes	\$1,000.00	\$975.49
749	15-Sep-12	11	9	\$24.50	Yes	\$1,000.00	\$975.50
750	15-Sep-12	11	10	\$24.98	Yes	\$1,000.00	\$975.02
751	15-Sep-12	11	11	\$24.61	Yes	\$1,000.00	\$975.39
752	15-Sep-12	11	12	\$31.16	Yes	\$1,000.00	\$968.84
753	15-Sep-12	12	1	\$17.46	Yes	\$1,000.00	\$982.54
754	15-Sep-12	12	2	\$19.64	Yes	\$1,000.00	\$980.36
755	15-Sep-12	12	3	\$19.96	Yes	\$1,000.00	\$980.04
756	15-Sep-12	12	4	\$24.54	Yes	\$1,000.00	\$975.46
757	15-Sep-12	12	5	\$23.59	Yes	\$1,000.00	\$976.41
758	15-Sep-12	12	6	\$24.52	Yes	\$1,000.00	\$975.48
759	15-Sep-12	12	7	\$24.71	Yes	\$1,000.00	\$975.29
760	15-Sep-12	12	8	\$25.43	Yes	\$1,000.00	\$974.57
761	15-Sep-12	12	9	\$24.77	Yes	\$1,000.00	\$975.23
762	15-Sep-12	12	10	\$24.77	Yes	\$1,000.00	\$975.23

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	15-Sep-12	12	11	\$24.87	Yes	\$1,000.00	\$975.13
764	15-Sep-12	12	12	\$25.69	Yes	\$1,000.00	\$974.31
765	15-Sep-12	13	1	\$23.53	Yes	\$0.00	-\$23.53
766	15-Sep-12	13	2	\$23.66	Yes	\$0.00	-\$23.66
767	15-Sep-12	13	3	\$23.66	Yes	\$0.00	-\$23.66
768	15-Sep-12	13	4	\$24.53	Yes	\$0.00	-\$24.53
769	15-Sep-12	13	5	\$24.54	Yes	\$0.00	-\$24.54
770	15-Sep-12	13	6	\$24.53	Yes	\$0.00	-\$24.53
771	15-Sep-12	13	7	\$24.58	Yes	\$0.00	-\$24.58
772	15-Sep-12	13	8	\$24.53	Yes	\$0.00	-\$24.53
773	15-Sep-12	13	9	\$24.52	Yes	\$0.00	-\$24.52
774	15-Sep-12	13	10	\$25.04	Yes	\$0.00	-\$25.04
775	15-Sep-12	13	11	\$25.75	Yes	\$0.00	-\$25.75
776	15-Sep-12	13	12	\$28.00	Yes	\$0.00	-\$28.00
777	15-Sep-12	14	1	\$24.50	Yes	\$0.00	-\$24.50
778	15-Sep-12	14	2	\$24.57	Yes	\$0.00	-\$24.57
779	15-Sep-12	14	3	\$24.89	Yes	\$0.00	-\$24.89
780	15-Sep-12	14	4	\$24.44	Yes	\$0.00	-\$24.44
781	15-Sep-12	14	5	\$24.56	Yes	\$0.00	-\$24.56
782	15-Sep-12	14	6	\$24.53	Yes	\$0.00	-\$24.53
783	15-Sep-12	14	7	\$24.75	Yes	\$0.00	-\$24.75
784	15-Sep-12	14	8	\$25.75	Yes	\$0.00	-\$25.75
785	15-Sep-12	14	9	\$26.36	Yes	\$0.00	-\$26.36
786	15-Sep-12	14	10	\$138.45	Yes	\$0.00	-\$138.45
787	15-Sep-12	14	11	\$60.67	Yes	\$0.00	-\$60.67
788	15-Sep-12	14	12	\$161.22	Yes	\$0.00	-\$161.22
789	15-Sep-12	15	1	\$24.50	Yes	\$0.00	-\$24.50
790	15-Sep-12	15	2	\$24.98	Yes	\$0.00	-\$24.98
791	15-Sep-12	15	3	\$30.42	Yes	\$0.00	-\$30.42
792	15-Sep-12	15	4	\$118.18	Yes	\$0.00	-\$118.18
793	15-Sep-12	15	5	\$103.17	Yes	\$0.00	-\$103.17
794	15-Sep-12	15	6	\$210.30	Yes	\$0.00	-\$210.30
795	15-Sep-12	15	7	\$33.45	Yes	\$0.00	-\$33.45
796	15-Sep-12	15	8	\$34.62	Yes	\$0.00	-\$34.62
797	15-Sep-12	15	9	\$33.45	Yes	\$0.00	-\$33.45
798	15-Sep-12	15	10	\$31.92	Yes	\$0.00	-\$31.92
799	15-Sep-12	15	11	\$32.20	Yes	\$0.00	-\$32.20
800	15-Sep-12	15	12	\$34.32	Yes	\$0.00	-\$34.32
801	15-Sep-12	16	1	\$28.65	Yes	\$0.00	-\$28.65
802	15-Sep-12	16	2	\$31.13	Yes	\$0.00	-\$31.13
803	15-Sep-12	16	3	\$38.08	Yes	\$0.00	-\$38.08
804	15-Sep-12	16	4	\$33.52	Yes	\$0.00	-\$33.52
805	15-Sep-12	16	5	\$33.52	Yes	\$0.00	-\$33.52
806	15-Sep-12	16	6	\$33.52	Yes	\$0.00	-\$33.52
807	15-Sep-12	16	7	\$38.46	Yes	\$0.00	-\$38.46

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	15-Sep-12	16	8	\$41.00	Yes	\$0.00	-\$41.00
809	15-Sep-12	16	9	\$51.65	Yes	\$0.00	-\$51.65
810	15-Sep-12	16	10	\$44.03	Yes	\$0.00	-\$44.03
811	15-Sep-12	16	11	\$44.03	Yes	\$0.00	-\$44.03
812	15-Sep-12	16	12	\$44.03	Yes	\$0.00	-\$44.03
813	15-Sep-12	17	1	\$39.32	Yes	\$0.00	-\$39.32
814	15-Sep-12	17	2	\$39.32	Yes	\$0.00	-\$39.32
815	15-Sep-12	17	3	\$39.32	Yes	\$0.00	-\$39.32
816	15-Sep-12	17	4	\$39.32	Yes	\$0.00	-\$39.32
817	15-Sep-12	17	5	\$39.32	Yes	\$0.00	-\$39.32
818	15-Sep-12	17	6	\$39.32	Yes	\$0.00	-\$39.32
819	15-Sep-12	17	7	\$32.35	Yes	\$0.00	-\$32.35
820	15-Sep-12	17	8	\$30.25	Yes	\$0.00	-\$30.25
821	15-Sep-12	17	9	\$30.24	Yes	\$0.00	-\$30.24
822	15-Sep-12	17	10	\$29.55	Yes	\$0.00	-\$29.55
823	15-Sep-12	17	11	\$29.60	Yes	\$0.00	-\$29.60
824	15-Sep-12	17	12	\$29.44	Yes	\$0.00	-\$29.44
825	15-Sep-12	18	1	\$42.07	Yes	\$0.00	-\$42.07
826	15-Sep-12	18	2	\$33.79	Yes	\$0.00	-\$33.79
827	15-Sep-12	18	3	\$33.46	Yes	\$0.00	-\$33.46
828	15-Sep-12	18	4	\$32.37	Yes	\$0.00	-\$32.37
829	15-Sep-12	18	5	\$32.24	Yes	\$0.00	-\$32.24
830	15-Sep-12	18	6	\$32.08	Yes	\$0.00	-\$32.08
831	15-Sep-12	18	7	\$29.33	Yes	\$0.00	-\$29.33
832	15-Sep-12	18	8	\$29.33	Yes	\$0.00	-\$29.33
833	15-Sep-12	18	9	\$29.33	Yes	\$0.00	-\$29.33
834	15-Sep-12	18	10	\$32.36	Yes	\$0.00	-\$32.36
835	15-Sep-12	18	11	\$31.66	Yes	\$0.00	-\$31.66
836	15-Sep-12	18	12	\$31.59	Yes	\$0.00	-\$31.59
837	15-Sep-12	19	1	\$30.33	Yes	\$1,000.00	\$969.67
838	15-Sep-12	19	2	\$30.29	Yes	\$1,000.00	\$969.71
839	15-Sep-12	19	3	\$30.29	Yes	\$1,000.00	\$969.71
840	15-Sep-12	19	4	\$29.77	Yes	\$1,000.00	\$970.23
841	15-Sep-12	19	5	\$29.77	Yes	\$1,000.00	\$970.23
842	15-Sep-12	19	6	\$29.77	Yes	\$1,000.00	\$970.23
843	15-Sep-12	19	7	\$27.83	Yes	\$1,000.00	\$972.17
844	15-Sep-12	19	8	\$27.06	Yes	\$1,000.00	\$972.94
845	15-Sep-12	19	9	\$26.35	Yes	\$1,000.00	\$973.65
846	15-Sep-12	19	10	\$28.00	Yes	\$1,000.00	\$972.00
847	15-Sep-12	19	11	\$27.39	Yes	\$1,000.00	\$972.61
848	15-Sep-12	19	12	\$26.97	Yes	\$1,000.00	\$973.03
849	15-Sep-12	20	1	\$24.90	Yes	\$1,000.00	\$975.10
850	15-Sep-12	20	2	\$24.53	Yes	\$1,000.00	\$975.47
851	15-Sep-12	20	3	\$24.86	Yes	\$1,000.00	\$975.14
852	15-Sep-12	20	4	\$27.35	Yes	\$1,000.00	\$972.65

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	15-Sep-12	20	5	\$27.35	Yes	\$1,000.00	\$972.65
854	15-Sep-12	20	6	\$29.95	Yes	\$1,000.00	\$970.05
855	15-Sep-12	20	7	\$28.91	Yes	\$1,000.00	\$971.09
856	15-Sep-12	20	8	\$28.68	Yes	\$1,000.00	\$971.32
857	15-Sep-12	20	9	\$27.68	Yes	\$1,000.00	\$972.32
858	15-Sep-12	20	10	\$26.89	Yes	\$1,000.00	\$973.11
859	15-Sep-12	20	11	\$25.19	Yes	\$1,000.00	\$974.81
860	15-Sep-12	20	12	\$24.53	Yes	\$1,000.00	\$975.47
861	15-Sep-12	21	1	\$24.52	Yes	\$1,000.00	\$975.48
862	15-Sep-12	21	2	\$24.52	Yes	\$1,000.00	\$975.48
863	15-Sep-12	21	3	\$24.61	Yes	\$1,000.00	\$975.39
864	15-Sep-12	21	4	\$24.55	Yes	\$1,000.00	\$975.45
865	15-Sep-12	21	5	\$24.55	Yes	\$1,000.00	\$975.45
866	15-Sep-12	21	6	\$24.64	Yes	\$1,000.00	\$975.36
867	15-Sep-12	21	7	\$24.29	Yes	\$1,000.00	\$975.71
868	15-Sep-12	21	8	\$23.91	Yes	\$1,000.00	\$976.09
869	15-Sep-12	21	9	\$23.60	Yes	\$1,000.00	\$976.40
870	15-Sep-12	21	10	\$20.96	Yes	\$1,000.00	\$979.04
871	15-Sep-12	21	11	\$20.13	Yes	\$1,000.00	\$979.87
872	15-Sep-12	21	12	\$19.54	Yes	\$1,000.00	\$980.46
873	19-Sep-12	9	1	\$23.59	Yes	\$1,000.00	\$976.41
874	19-Sep-12	9	2	\$22.70	Yes	\$1,000.00	\$977.30
875	19-Sep-12	9	3	\$22.71	Yes	\$1,000.00	\$977.29
876	19-Sep-12	9	4	\$19.24	Yes	\$1,000.00	\$980.77
877	19-Sep-12	9	5	\$22.67	Yes	\$1,000.00	\$977.33
878	19-Sep-12	9	6	\$23.19	Yes	\$1,000.00	\$976.81
879	19-Sep-12	9	7	\$19.23	Yes	\$1,000.00	\$980.77
880	19-Sep-12	9	8	\$22.58	Yes	\$1,000.00	\$977.42
881	19-Sep-12	9	9	\$22.17	Yes	\$1,000.00	\$977.83
882	19-Sep-12	9	10	\$23.71	Yes	\$1,000.00	\$976.29
883	19-Sep-12	9	11	\$23.71	Yes	\$1,000.00	\$976.29
884	19-Sep-12	9	12	\$23.71	Yes	\$1,000.00	\$976.29
885	19-Sep-12	10	1	\$22.19	Yes	\$1,000.00	\$977.81
886	19-Sep-12	10	2	\$22.19	Yes	\$1,000.00	\$977.81
887	19-Sep-12	10	3	\$22.86	Yes	\$1,000.00	\$977.14
888	19-Sep-12	10	4	\$22.98	Yes	\$1,000.00	\$977.02
889	19-Sep-12	10	5	\$23.85	Yes	\$1,000.00	\$976.15
890	19-Sep-12	10	6	\$23.85	Yes	\$1,000.00	\$976.15
891	19-Sep-12	10	7	\$23.89	Yes	\$1,000.00	\$976.11
892	19-Sep-12	10	8	\$23.89	Yes	\$1,000.00	\$976.11
893	19-Sep-12	10	9	\$24.09	Yes	\$1,000.00	\$975.91
894	19-Sep-12	10	10	\$32.83	Yes	\$1,000.00	\$967.17
895	19-Sep-12	10	11	\$30.80	Yes	\$1,000.00	\$969.20
896	19-Sep-12	10	12	\$27.98	Yes	\$1,000.00	\$972.02
897	19-Sep-12	11	1	\$32.71	Yes	\$1,000.00	\$967.29

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	19-Sep-12	11	2	\$30.75	Yes	\$1,000.00	\$969.25
899	19-Sep-12	11	3	\$22.52	Yes	\$1,000.00	\$977.48
900	19-Sep-12	11	4	\$24.09	Yes	\$1,000.00	\$975.91
901	19-Sep-12	11	5	\$23.66	Yes	\$1,000.00	\$976.34
902	19-Sep-12	11	6	\$23.67	Yes	\$1,000.00	\$976.33
903	19-Sep-12	11	7	\$23.92	Yes	\$1,000.00	\$976.08
904	19-Sep-12	11	8	\$23.92	Yes	\$1,000.00	\$976.08
905	19-Sep-12	11	9	\$24.07	Yes	\$1,000.00	\$975.93
906	19-Sep-12	11	10	\$23.99	Yes	\$1,000.00	\$976.01
907	19-Sep-12	11	11	\$23.99	Yes	\$1,000.00	\$976.01
908	19-Sep-12	11	12	\$23.98	Yes	\$1,000.00	\$976.02
909	19-Sep-12	12	1	\$23.94	Yes	\$1,000.00	\$976.06
910	19-Sep-12	12	2	\$23.78	Yes	\$1,000.00	\$976.22
911	19-Sep-12	12	3	\$23.32	Yes	\$1,000.00	\$976.68
912	19-Sep-12	12	4	\$23.95	Yes	\$1,000.00	\$976.05
913	19-Sep-12	12	5	\$23.96	Yes	\$1,000.00	\$976.04
914	19-Sep-12	12	6	\$23.96	Yes	\$1,000.00	\$976.04
915	19-Sep-12	12	7	\$24.09	Yes	\$1,000.00	\$975.91
916	19-Sep-12	12	8	\$24.09	Yes	\$1,000.00	\$975.91
917	19-Sep-12	12	9	\$24.10	Yes	\$1,000.00	\$975.90
918	19-Sep-12	12	10	\$24.04	Yes	\$1,000.00	\$975.96
919	19-Sep-12	12	11	\$24.04	Yes	\$1,000.00	\$975.96
920	19-Sep-12	12	12	\$24.04	Yes	\$1,000.00	\$975.96
921	19-Sep-12	13	1	\$24.14	Yes	\$1,000.00	\$975.86
922	19-Sep-12	13	2	\$24.15	Yes	\$1,000.00	\$975.85
923	19-Sep-12	13	3	\$24.14	Yes	\$1,000.00	\$975.86
924	19-Sep-12	13	4	\$24.19	Yes	\$1,000.00	\$975.81
925	19-Sep-12	13	5	\$24.19	Yes	\$1,000.00	\$975.81
926	19-Sep-12	13	6	\$24.22	Yes	\$1,000.00	\$975.78
927	19-Sep-12	13	7	\$24.26	Yes	\$1,000.00	\$975.74
928	19-Sep-12	13	8	\$24.26	Yes	\$1,000.00	\$975.74
929	19-Sep-12	13	9	\$24.35	Yes	\$1,000.00	\$975.65
930	19-Sep-12	13	10	\$24.58	Yes	\$1,000.00	\$975.42
931	19-Sep-12	13	11	\$24.71	Yes	\$1,000.00	\$975.29
932	19-Sep-12	13	12	\$24.88	Yes	\$1,000.00	\$975.12
933	19-Sep-12	14	1	\$24.44	Yes	\$1,000.00	\$975.56
934	19-Sep-12	14	2	\$24.34	Yes	\$1,000.00	\$975.66
935	19-Sep-12	14	3	\$24.34	Yes	\$1,000.00	\$975.66
936	19-Sep-12	14	4	\$24.59	Yes	\$1,000.00	\$975.41
937	19-Sep-12	14	5	\$24.64	Yes	\$1,000.00	\$975.36
938	19-Sep-12	14	6	\$24.77	Yes	\$1,000.00	\$975.23
939	19-Sep-12	14	7	\$28.22	Yes	\$1,000.00	\$971.78
940	19-Sep-12	14	8	\$187.93	Yes	\$1,000.00	\$812.07
941	19-Sep-12	14	9	\$186.32	Yes	\$1,000.00	\$813.68
942	19-Sep-12	14	10	\$27.59	Yes	\$1,000.00	\$972.41

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	19-Sep-12	14	11	\$27.05	Yes	\$1,000.00	\$972.95
944	19-Sep-12	14	12	\$25.59	Yes	\$1,000.00	\$974.41
945	19-Sep-12	15	1	\$28.73	Yes	\$1,000.00	\$971.27
946	19-Sep-12	15	2	\$26.77	Yes	\$1,000.00	\$973.23
947	19-Sep-12	15	3	\$28.00	Yes	\$1,000.00	\$972.00
948	19-Sep-12	15	4	\$27.87	Yes	\$1,000.00	\$972.13
949	19-Sep-12	15	5	\$30.71	Yes	\$1,000.00	\$969.29
950	19-Sep-12	15	6	\$31.84	Yes	\$1,000.00	\$968.16
951	19-Sep-12	15	7	\$29.53	Yes	\$1,000.00	\$970.47
952	19-Sep-12	15	8	\$29.33	Yes	\$1,000.00	\$970.67
953	19-Sep-12	15	9	\$29.36	Yes	\$1,000.00	\$970.64
954	19-Sep-12	15	10	\$33.53	Yes	\$1,000.00	\$966.47
955	19-Sep-12	15	11	\$31.76	Yes	\$1,000.00	\$968.24
956	19-Sep-12	15	12	\$28.55	Yes	\$1,000.00	\$971.45
957	19-Sep-12	16	1	\$28.69	Yes	\$1,000.00	\$971.31
958	19-Sep-12	16	2	\$28.60	Yes	\$1,000.00	\$971.40
959	19-Sep-12	16	3	\$28.69	Yes	\$1,000.00	\$971.31
960	19-Sep-12	16	4	\$31.46	Yes	\$1,000.00	\$968.54
961	19-Sep-12	16	5	\$31.76	Yes	\$1,000.00	\$968.24
962	19-Sep-12	16	6	\$31.76	Yes	\$1,000.00	\$968.24
963	19-Sep-12	16	7	\$38.37	Yes	\$1,000.00	\$961.63
964	19-Sep-12	16	8	\$32.05	Yes	\$1,000.00	\$967.95
965	19-Sep-12	16	9	\$34.66	Yes	\$1,000.00	\$965.34
966	19-Sep-12	16	10	\$30.76	Yes	\$1,000.00	\$969.24
967	19-Sep-12	16	11	\$31.46	Yes	\$1,000.00	\$968.54
968	19-Sep-12	16	12	\$32.32	Yes	\$1,000.00	\$967.68
969	19-Sep-12	17	1	\$32.38	Yes	\$1,000.00	\$967.62
970	19-Sep-12	17	2	\$32.21	Yes	\$1,000.00	\$967.79
971	19-Sep-12	17	3	\$31.74	Yes	\$1,000.00	\$968.26
972	19-Sep-12	17	4	\$31.91	Yes	\$1,000.00	\$968.09
973	19-Sep-12	17	5	\$31.73	Yes	\$1,000.00	\$968.27
974	19-Sep-12	17	6	\$30.86	Yes	\$1,000.00	\$969.14
975	19-Sep-12	17	7	\$31.94	Yes	\$1,000.00	\$968.06
976	19-Sep-12	17	8	\$32.11	Yes	\$1,000.00	\$967.89
977	19-Sep-12	17	9	\$32.53	Yes	\$1,000.00	\$967.47
978	19-Sep-12	17	10	\$31.71	Yes	\$1,000.00	\$968.29
979	19-Sep-12	17	11	\$30.96	Yes	\$1,000.00	\$969.04
980	19-Sep-12	17	12	\$30.64	Yes	\$1,000.00	\$969.36
981	19-Sep-12	18	1	\$33.64	Yes	\$1,000.00	\$966.36
982	19-Sep-12	18	2	\$33.54	Yes	\$1,000.00	\$966.46
983	19-Sep-12	18	3	\$37.63	Yes	\$1,000.00	\$962.37
984	19-Sep-12	18	4	\$33.65	Yes	\$1,000.00	\$966.35
985	19-Sep-12	18	5	\$33.50	Yes	\$1,000.00	\$966.50
986	19-Sep-12	18	6	\$33.59	Yes	\$1,000.00	\$966.41
987	19-Sep-12	18	7	\$33.44	Yes	\$1,000.00	\$966.56

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	19-Sep-12	18	8	\$31.46	Yes	\$1,000.00	\$968.54
989	19-Sep-12	18	9	\$30.38	Yes	\$1,000.00	\$969.62
990	19-Sep-12	18	10	\$30.40	Yes	\$1,000.00	\$969.60
991	19-Sep-12	18	11	\$29.90	Yes	\$1,000.00	\$970.10
992	19-Sep-12	18	12	\$30.34	Yes	\$1,000.00	\$969.66
993	19-Sep-12	19	1	\$29.01	Yes	\$1,000.00	\$970.99
994	19-Sep-12	19	2	\$29.23	Yes	\$1,000.00	\$970.77
995	19-Sep-12	19	3	\$28.04	Yes	\$1,000.00	\$971.96
996	19-Sep-12	19	4	\$27.97	Yes	\$1,000.00	\$972.03
997	19-Sep-12	19	5	\$28.05	Yes	\$1,000.00	\$971.95
998	19-Sep-12	19	6	\$27.96	Yes	\$1,000.00	\$972.04
999	19-Sep-12	19	7	\$27.94	Yes	\$1,000.00	\$972.06
1000	19-Sep-12	19	8	\$27.90	Yes	\$1,000.00	\$972.10
1001	19-Sep-12	19	9	\$27.93	Yes	\$1,000.00	\$972.07
1002	19-Sep-12	19	10	\$27.60	Yes	\$1,000.00	\$972.40
1003	19-Sep-12	19	11	\$27.21	Yes	\$1,000.00	\$972.79
1004	19-Sep-12	19	12	\$27.98	Yes	\$1,000.00	\$972.02
1005	19-Sep-12	20	1	\$27.76	Yes	\$1,000.00	\$972.24
1006	19-Sep-12	20	2	\$27.74	Yes	\$1,000.00	\$972.26
1007	19-Sep-12	20	3	\$27.87	Yes	\$1,000.00	\$972.13
1008	19-Sep-12	20	4	\$28.24	Yes	\$1,000.00	\$971.76
1009	19-Sep-12	20	5	\$28.70	Yes	\$1,000.00	\$971.30
1010	19-Sep-12	20	6	\$30.35	Yes	\$1,000.00	\$969.65
1011	19-Sep-12	20	7	\$29.63	Yes	\$1,000.00	\$970.37
1012	19-Sep-12	20	8	\$29.96	Yes	\$1,000.00	\$970.04
1013	19-Sep-12	20	9	\$28.53	Yes	\$1,000.00	\$971.47
1014	19-Sep-12	20	10	\$27.83	Yes	\$1,000.00	\$972.17
1015	19-Sep-12	20	11	\$27.80	Yes	\$1,000.00	\$972.20
1016	19-Sep-12	20	12	\$27.87	Yes	\$1,000.00	\$972.13
1017	19-Sep-12	21	1	\$28.81	Yes	\$1,000.00	\$971.19
1018	19-Sep-12	21	2	\$28.76	Yes	\$1,000.00	\$971.24
1019	19-Sep-12	21	3	\$28.76	Yes	\$1,000.00	\$971.24
1020	19-Sep-12	21	4	\$27.79	Yes	\$1,000.00	\$972.21
1021	19-Sep-12	21	5	\$27.20	Yes	\$1,000.00	\$972.80
1022	19-Sep-12	21	6	\$27.14	Yes	\$1,000.00	\$972.86
1023	19-Sep-12	21	7	\$26.84	Yes	\$1,000.00	\$973.16
1024	19-Sep-12	21	8	\$26.25	Yes	\$1,000.00	\$973.75
1025	19-Sep-12	21	9	\$24.52	Yes	\$1,000.00	\$975.48
1026	19-Sep-12	21	10	\$23.97	Yes	\$1,000.00	\$976.03
1027	19-Sep-12	21	11	\$23.96	Yes	\$1,000.00	\$976.04
1028	19-Sep-12	21	12	\$24.11	Yes	\$1,000.00	\$975.89
1029	19-Sep-12	22	1	\$24.56	Yes	\$1,000.00	\$975.44
1030	19-Sep-12	22	2	\$25.31	Yes	\$1,000.00	\$974.69
1031	19-Sep-12	22	3	\$24.62	Yes	\$1,000.00	\$975.38
1032	19-Sep-12	22	4	\$23.81	Yes	\$1,000.00	\$976.19

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	19-Sep-12	22	5	\$24.00	Yes	\$1,000.00	\$976.00
1034	19-Sep-12	22	6	\$23.93	Yes	\$1,000.00	\$976.07
1035	19-Sep-12	22	7	\$23.96	Yes	\$1,000.00	\$976.04
1036	19-Sep-12	22	8	\$23.86	Yes	\$1,000.00	\$976.14
1037	19-Sep-12	22	9	\$23.66	Yes	\$1,000.00	\$976.34
1038	19-Sep-12	22	10	\$22.59	Yes	\$1,000.00	\$977.41
1039	19-Sep-12	22	11	\$23.03	Yes	\$1,000.00	\$976.97
1040	19-Sep-12	22	12	\$16.49	Yes	\$1,000.00	\$983.51
1041	19-Sep-12	23	1	\$24.06	Yes	\$1,000.00	\$975.94
1042	19-Sep-12	23	2	\$24.05	Yes	\$1,000.00	\$975.95
1043	19-Sep-12	23	3	\$23.80	Yes	\$1,000.00	\$976.20
1044	19-Sep-12	23	4	\$23.82	Yes	\$1,000.00	\$976.18
1045	19-Sep-12	23	5	\$23.87	Yes	\$1,000.00	\$976.13
1046	19-Sep-12	23	6	\$23.84	Yes	\$1,000.00	\$976.16
1047	19-Sep-12	23	7	\$22.73	Yes	\$1,000.00	\$977.27
1048	19-Sep-12	23	8	\$15.30	Yes	\$1,000.00	\$984.70
1049	19-Sep-12	23	9	\$19.08	Yes	\$1,000.00	\$980.92
1050	19-Sep-12	23	10	\$22.61	Yes	\$1,000.00	\$977.39
1051	19-Sep-12	23	11	\$22.29	Yes	\$1,000.00	\$977.71
1052	19-Sep-12	23	12	\$19.12	Yes	\$1,000.00	\$980.88
1053	19-Sep-12	24	1	\$23.22	Yes	\$1,000.00	\$976.78
1054	19-Sep-12	24	2	\$23.41	Yes	\$1,000.00	\$976.59
1055	19-Sep-12	24	3	\$24.03	Yes	\$1,000.00	\$975.97
1056	19-Sep-12	24	4	\$24.05	Yes	\$1,000.00	\$975.95
1057	19-Sep-12	24	5	\$23.58	Yes	\$1,000.00	\$976.42
1058	19-Sep-12	24	6	\$23.54	Yes	\$1,000.00	\$976.46
1059	19-Sep-12	24	7	\$23.43	Yes	\$1,000.00	\$976.57
1060	19-Sep-12	24	8	\$19.11	Yes	\$1,000.00	\$980.89
1061	19-Sep-12	24	9	\$22.02	Yes	\$1,000.00	\$977.98
1062	19-Sep-12	24	10	\$23.09	Yes	\$1,000.00	\$976.91
1063	19-Sep-12	24	11	\$22.03	Yes	\$1,000.00	\$977.97
1064	19-Sep-12	24	12	\$13.05	Yes	\$1,000.00	\$986.95
1065	23-Sep-12	10	1	\$22.85	Yes	\$1,000.00	\$977.15
1066	23-Sep-12	10	2	\$22.92	Yes	\$1,000.00	\$977.08
1067	23-Sep-12	10	3	\$23.79	Yes	\$1,000.00	\$976.21
1068	23-Sep-12	10	4	\$26.29	Yes	\$1,000.00	\$973.71
1069	23-Sep-12	10	5	\$26.20	Yes	\$1,000.00	\$973.80
1070	23-Sep-12	10	6	\$26.93	Yes	\$1,000.00	\$973.07
1071	23-Sep-12	10	7	\$28.87	Yes	\$1,000.00	\$971.13
1072	23-Sep-12	10	8	\$30.05	Yes	\$1,000.00	\$969.95
1073	23-Sep-12	10	9	\$31.98	Yes	\$1,000.00	\$968.02
1074	23-Sep-12	10	10	\$30.93	Yes	\$1,000.00	\$969.07
1075	23-Sep-12	10	11	\$35.23	Yes	\$1,000.00	\$964.77
1076	23-Sep-12	10	12	\$35.23	Yes	\$1,000.00	\$964.77
1077	23-Sep-12	11	1	\$29.41	Yes	\$1,000.00	\$970.59

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	23-Sep-12	11	2	\$24.39	Yes	\$1,000.00	\$975.61
1079	23-Sep-12	11	3	\$24.72	Yes	\$1,000.00	\$975.28
1080	23-Sep-12	11	4	\$23.67	Yes	\$1,000.00	\$976.33
1081	23-Sep-12	11	5	\$24.81	Yes	\$1,000.00	\$975.19
1082	23-Sep-12	11	6	\$25.68	Yes	\$1,000.00	\$974.32
1083	23-Sep-12	11	7	\$23.68	Yes	\$1,000.00	\$976.32
1084	23-Sep-12	11	8	\$24.06	Yes	\$1,000.00	\$975.94
1085	23-Sep-12	11	9	\$26.82	Yes	\$1,000.00	\$973.18
1086	23-Sep-12	11	10	\$26.76	Yes	\$1,000.00	\$973.24
1087	23-Sep-12	11	11	\$26.76	Yes	\$1,000.00	\$973.24
1088	23-Sep-12	11	12	\$25.46	Yes	\$1,000.00	\$974.54
1089	23-Sep-12	12	1	\$25.74	Yes	\$1,000.00	\$974.26
1090	23-Sep-12	12	2	\$23.69	Yes	\$1,000.00	\$976.31
1091	23-Sep-12	12	3	\$24.03	Yes	\$1,000.00	\$975.97
1092	23-Sep-12	12	4	\$28.33	Yes	\$1,000.00	\$971.67
1093	23-Sep-12	12	5	\$26.73	Yes	\$1,000.00	\$973.27
1094	23-Sep-12	12	6	\$27.90	Yes	\$1,000.00	\$972.10
1095	23-Sep-12	12	7	\$28.81	Yes	\$1,000.00	\$971.19
1096	23-Sep-12	12	8	\$30.08	Yes	\$1,000.00	\$969.92
1097	23-Sep-12	12	9	\$30.08	Yes	\$1,000.00	\$969.92
1098	23-Sep-12	12	10	\$28.17	Yes	\$1,000.00	\$971.83
1099	23-Sep-12	12	11	\$28.17	Yes	\$1,000.00	\$971.83
1100	23-Sep-12	12	12	\$31.65	Yes	\$1,000.00	\$968.35
1101	23-Sep-12	13	1	\$28.21	Yes	\$1,000.00	\$971.79
1102	23-Sep-12	13	2	\$28.11	Yes	\$1,000.00	\$971.89
1103	23-Sep-12	13	3	\$28.21	Yes	\$1,000.00	\$971.79
1104	23-Sep-12	13	4	\$28.38	Yes	\$1,000.00	\$971.62
1105	23-Sep-12	13	5	\$31.58	Yes	\$1,000.00	\$968.42
1106	23-Sep-12	13	6	\$33.46	Yes	\$1,000.00	\$966.54
1107	23-Sep-12	13	7	\$29.74	Yes	\$1,000.00	\$970.26
1108	23-Sep-12	13	8	\$31.68	Yes	\$1,000.00	\$968.32
1109	23-Sep-12	13	9	\$31.39	Yes	\$1,000.00	\$968.61
1110	23-Sep-12	13	10	\$31.48	Yes	\$1,000.00	\$968.52
1111	23-Sep-12	13	11	\$33.06	Yes	\$1,000.00	\$966.94
1112	23-Sep-12	13	12	\$35.77	Yes	\$1,000.00	\$964.23
1113	23-Sep-12	14	1	\$26.63	Yes	\$1,000.00	\$973.37
1114	23-Sep-12	14	2	\$28.10	Yes	\$1,000.00	\$971.90
1115	23-Sep-12	14	3	\$31.34	Yes	\$1,000.00	\$968.66
1116	23-Sep-12	14	4	\$31.18	Yes	\$1,000.00	\$968.82
1117	23-Sep-12	14	5	\$31.45	Yes	\$1,000.00	\$968.55
1118	23-Sep-12	14	6	\$32.85	Yes	\$1,000.00	\$967.15
1119	23-Sep-12	14	7	\$36.42	Yes	\$1,000.00	\$963.58
1120	23-Sep-12	14	8	\$39.77	Yes	\$1,000.00	\$960.23
1121	23-Sep-12	14	9	\$35.00	Yes	\$1,000.00	\$965.00
1122	23-Sep-12	14	10	\$36.33	Yes	\$1,000.00	\$963.67

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	23-Sep-12	14	11	\$36.14	Yes	\$1,000.00	\$963.86
1124	23-Sep-12	14	12	\$38.18	Yes	\$1,000.00	\$961.82
1125	23-Sep-12	15	1	\$31.49	Yes	\$1,000.00	\$968.51
1126	23-Sep-12	15	2	\$30.45	Yes	\$1,000.00	\$969.55
1127	23-Sep-12	15	3	\$31.03	Yes	\$1,000.00	\$968.97
1128	23-Sep-12	15	4	\$33.28	Yes	\$1,000.00	\$966.72
1129	23-Sep-12	15	5	\$33.31	Yes	\$1,000.00	\$966.69
1130	23-Sep-12	15	6	\$38.91	Yes	\$1,000.00	\$961.09
1131	23-Sep-12	15	7	\$49.73	Yes	\$1,000.00	\$950.27
1132	23-Sep-12	15	8	\$45.28	Yes	\$1,000.00	\$954.72
1133	23-Sep-12	15	9	\$43.43	Yes	\$1,000.00	\$956.57
1134	23-Sep-12	15	10	\$158.01	Yes	\$1,000.00	\$841.99
1135	23-Sep-12	15	11	\$89.57	Yes	\$1,000.00	\$910.43
1136	23-Sep-12	15	12	\$43.36	Yes	\$1,000.00	\$956.64
1137	23-Sep-12	16	1	\$0.00	Yes	\$1,000.00	\$1,000.00
1138	23-Sep-12	16	2	\$50.01	Yes	\$1,000.00	\$949.99
1139	23-Sep-12	16	3	\$36.88	Yes	\$1,000.00	\$963.12
1140	23-Sep-12	16	4	\$38.21	Yes	\$1,000.00	\$961.79
1141	23-Sep-12	16	5	\$37.06	Yes	\$1,000.00	\$962.94
1142	23-Sep-12	16	6	\$36.03	Yes	\$1,000.00	\$963.97
1143	23-Sep-12	16	7	\$35.72	Yes	\$1,000.00	\$964.28
1144	23-Sep-12	16	8	\$41.85	Yes	\$1,000.00	\$958.15
1145	23-Sep-12	16	9	\$42.45	Yes	\$1,000.00	\$957.55
1146	23-Sep-12	16	10	\$35.74	Yes	\$1,000.00	\$964.26
1147	23-Sep-12	16	11	\$41.50	Yes	\$1,000.00	\$958.50
1148	23-Sep-12	16	12	\$35.74	Yes	\$1,000.00	\$964.26
1149	23-Sep-12	17	1	\$43.73	Yes	\$1,000.00	\$956.27
1150	23-Sep-12	17	2	\$43.30	Yes	\$1,000.00	\$956.70
1151	23-Sep-12	17	3	\$45.20	Yes	\$1,000.00	\$954.80
1152	23-Sep-12	17	4	\$45.22	Yes	\$1,000.00	\$954.78
1153	23-Sep-12	17	5	\$45.22	Yes	\$1,000.00	\$954.78
1154	23-Sep-12	17	6	\$42.46	Yes	\$1,000.00	\$957.54
1155	23-Sep-12	17	7	\$35.66	Yes	\$1,000.00	\$964.34
1156	23-Sep-12	17	8	\$35.88	Yes	\$1,000.00	\$964.12
1157	23-Sep-12	17	9	\$39.01	Yes	\$1,000.00	\$960.99
1158	23-Sep-12	17	10	\$36.65	Yes	\$1,000.00	\$963.35
1159	23-Sep-12	17	11	\$38.30	Yes	\$1,000.00	\$961.70
1160	23-Sep-12	17	12	\$35.72	Yes	\$1,000.00	\$964.28
1161	23-Sep-12	18	1	\$33.74	Yes	\$1,000.00	\$966.26
1162	23-Sep-12	18	2	\$33.81	Yes	\$1,000.00	\$966.19
1163	23-Sep-12	18	3	\$43.13	Yes	\$1,000.00	\$956.87
1164	23-Sep-12	18	4	\$41.45	Yes	\$1,000.00	\$958.55
1165	23-Sep-12	18	5	\$40.45	Yes	\$1,000.00	\$959.55
1166	23-Sep-12	18	6	\$41.66	Yes	\$1,000.00	\$958.34
1167	23-Sep-12	18	7	\$40.24	Yes	\$1,000.00	\$959.76

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	23-Sep-12	18	8	\$33.06	Yes	\$1,000.00	\$966.94
1169	23-Sep-12	18	9	\$38.95	Yes	\$1,000.00	\$961.05
1170	23-Sep-12	18	10	\$39.75	Yes	\$1,000.00	\$960.25
1171	23-Sep-12	18	11	\$34.78	Yes	\$1,000.00	\$965.22
1172	23-Sep-12	18	12	\$48.49	Yes	\$1,000.00	\$951.51
1173	23-Sep-12	19	1	\$32.07	Yes	\$1,000.00	\$967.93
1174	23-Sep-12	19	2	\$35.47	Yes	\$1,000.00	\$964.53
1175	23-Sep-12	19	3	\$37.07	Yes	\$1,000.00	\$962.93
1176	23-Sep-12	19	4	\$255.72	Yes	\$1,000.00	\$744.28
1177	23-Sep-12	19	5	\$54.79	Yes	\$1,000.00	\$945.21
1178	23-Sep-12	19	6	\$51.52	Yes	\$1,000.00	\$948.48
1179	23-Sep-12	19	7	\$53.05	Yes	\$1,000.00	\$946.95
1180	23-Sep-12	19	8	\$50.87	Yes	\$1,000.00	\$949.13
1181	23-Sep-12	19	9	\$43.98	Yes	\$1,000.00	\$956.02
1182	23-Sep-12	19	10	\$29.46	Yes	\$1,000.00	\$970.54
1183	23-Sep-12	19	11	\$30.53	Yes	\$1,000.00	\$969.47
1184	23-Sep-12	19	12	\$27.86	Yes	\$1,000.00	\$972.14
1185	23-Sep-12	20	1	\$27.86	Yes	\$1,000.00	\$972.14
1186	23-Sep-12	20	2	\$27.88	Yes	\$1,000.00	\$972.12
1187	23-Sep-12	20	3	\$53.05	Yes	\$1,000.00	\$946.95
1188	23-Sep-12	20	4	\$34.29	Yes	\$1,000.00	\$965.71
1189	23-Sep-12	20	5	\$75.16	Yes	\$1,000.00	\$924.84
1190	23-Sep-12	20	6	\$47.82	Yes	\$1,000.00	\$952.18
1191	23-Sep-12	20	7	\$35.84	Yes	\$1,000.00	\$964.16
1192	23-Sep-12	20	8	\$58.72	Yes	\$1,000.00	\$941.28
1193	23-Sep-12	20	9	\$46.11	Yes	\$1,000.00	\$953.89
1194	23-Sep-12	20	10	\$35.24	Yes	\$1,000.00	\$964.76
1195	23-Sep-12	20	11	\$35.24	Yes	\$1,000.00	\$964.76
1196	23-Sep-12	20	12	\$35.24	Yes	\$1,000.00	\$964.76
1197	23-Sep-12	21	1	\$42.97	Yes	\$1,000.00	\$957.03
1198	23-Sep-12	21	2	\$41.29	Yes	\$1,000.00	\$958.71
1199	23-Sep-12	21	3	\$32.34	Yes	\$1,000.00	\$967.66
1200	23-Sep-12	21	4	\$30.70	Yes	\$1,000.00	\$969.30
1201	23-Sep-12	21	5	\$30.02	Yes	\$1,000.00	\$969.98
1202	23-Sep-12	21	6	\$30.02	Yes	\$1,000.00	\$969.98
1203	23-Sep-12	21	7	\$30.03	Yes	\$1,000.00	\$969.97
1204	23-Sep-12	21	8	\$30.03	Yes	\$1,000.00	\$969.97
1205	23-Sep-12	21	9	\$30.19	Yes	\$1,000.00	\$969.81
1206	23-Sep-12	21	10	\$29.93	Yes	\$1,000.00	\$970.07
1207	23-Sep-12	21	11	\$29.21	Yes	\$1,000.00	\$970.79
1208	23-Sep-12	21	12	\$29.05	Yes	\$1,000.00	\$970.95
1209	23-Sep-12	22	1	\$32.77	Yes	\$1,000.00	\$967.23
1210	23-Sep-12	22	2	\$31.52	Yes	\$1,000.00	\$968.48
1211	23-Sep-12	22	3	\$35.85	Yes	\$1,000.00	\$964.15
1212	23-Sep-12	22	4	\$39.47	Yes	\$1,000.00	\$960.53

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	23-Sep-12	22	5	\$37.32	Yes	\$1,000.00	\$962.68
1214	23-Sep-12	22	6	\$39.01	Yes	\$1,000.00	\$960.99
1215	23-Sep-12	22	7	\$28.21	Yes	\$1,000.00	\$971.79
1216	23-Sep-12	22	8	\$28.13	Yes	\$1,000.00	\$971.87
1217	23-Sep-12	22	9	\$25.85	Yes	\$1,000.00	\$974.15
1218	23-Sep-12	22	10	\$24.03	Yes	\$1,000.00	\$975.97
1219	23-Sep-12	22	11	\$24.69	Yes	\$1,000.00	\$975.31
1220	23-Sep-12	22	12	\$25.94	Yes	\$1,000.00	\$974.06
1221	23-Sep-12	23	1	\$31.09	Yes	\$1,000.00	\$968.91
1222	23-Sep-12	23	2	\$31.09	Yes	\$1,000.00	\$968.91
1223	23-Sep-12	23	3	\$31.09	Yes	\$1,000.00	\$968.91
1224	23-Sep-12	23	4	\$26.07	Yes	\$1,000.00	\$973.93
1225	23-Sep-12	23	5	\$26.07	Yes	\$1,000.00	\$973.93
1226	23-Sep-12	23	6	\$25.51	Yes	\$1,000.00	\$974.49
1227	23-Sep-12	23	7	\$26.43	Yes	\$1,000.00	\$973.57
1228	23-Sep-12	23	8	\$25.57	Yes	\$1,000.00	\$974.43
1229	23-Sep-12	23	9	\$25.55	Yes	\$1,000.00	\$974.45
1230	23-Sep-12	23	10	\$24.65	Yes	\$1,000.00	\$975.35
1231	23-Sep-12	23	11	\$23.52	Yes	\$1,000.00	\$976.48
1232	23-Sep-12	23	12	\$22.12	Yes	\$1,000.00	\$977.88
1233	23-Sep-12	24	1	\$23.22	Yes	\$1,000.00	\$976.78
1234	23-Sep-12	24	2	\$23.22	Yes	\$1,000.00	\$976.78
1235	23-Sep-12	24	3	\$23.22	Yes	\$1,000.00	\$976.78
1236	23-Sep-12	24	4	\$23.21	Yes	\$1,000.00	\$976.79
1237	23-Sep-12	24	5	\$23.20	Yes	\$1,000.00	\$976.80
1238	23-Sep-12	24	6	\$23.21	Yes	\$1,000.00	\$976.79
1239	23-Sep-12	24	7	\$22.22	Yes	\$1,000.00	\$977.78
1240	23-Sep-12	24	8	\$14.42	Yes	\$1,000.00	\$985.58
1241	23-Sep-12	24	9	\$16.39	Yes	\$1,000.00	\$983.61
1242	23-Sep-12	24	10	\$18.82	Yes	\$1,000.00	\$981.18
1243	23-Sep-12	24	11	\$14.35	Yes	\$1,000.00	\$985.65
1244	23-Sep-12	24	12	\$9.68	Yes	\$1,000.00	\$990.32
1245	24-Sep-12	8	8	\$25.05	Yes	\$1,000.00	\$974.95
1246	24-Sep-12	8	9	\$25.05	Yes	\$1,000.00	\$974.95
1247	24-Sep-12	8	10	\$25.05	Yes	\$1,000.00	\$974.95
1248	24-Sep-12	8	11	\$31.97	Yes	\$1,000.00	\$968.03
1249	24-Sep-12	8	12	\$39.84	Yes	\$1,000.00	\$960.16
1250	24-Sep-12	9	1	\$39.97	Yes	\$1,000.00	\$960.03
1251	24-Sep-12	9	2	\$33.54	Yes	\$1,000.00	\$966.46
1252	24-Sep-12	9	3	\$28.73	Yes	\$1,000.00	\$971.27
1253	24-Sep-12	9	4	\$28.72	Yes	\$1,000.00	\$971.28
1254	24-Sep-12	9	5	\$32.94	Yes	\$1,000.00	\$967.06
1255	24-Sep-12	9	6	\$32.65	Yes	\$1,000.00	\$967.35
1256	24-Sep-12	9	7	\$49.02	Yes	\$1,000.00	\$950.98
1257	24-Sep-12	9	8	\$41.11	Yes	\$1,000.00	\$958.89

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	24-Sep-12	9	9	\$35.40	Yes	\$1,000.00	\$964.60
1259	24-Sep-12	9	10	\$26.39	Yes	\$1,000.00	\$973.61
1260	24-Sep-12	9	11	\$30.38	Yes	\$1,000.00	\$969.62
1261	24-Sep-12	9	12	\$32.24	Yes	\$1,000.00	\$967.76
1262	24-Sep-12	10	1	\$24.07	Yes	\$1,000.00	\$975.93
1263	24-Sep-12	10	2	\$23.73	Yes	\$1,000.00	\$976.27
1264	24-Sep-12	10	3	\$23.73	Yes	\$1,000.00	\$976.27
1265	24-Sep-12	10	4	\$31.39	Yes	\$1,000.00	\$968.61
1266	24-Sep-12	10	5	\$31.39	Yes	\$1,000.00	\$968.61
1267	24-Sep-12	10	6	\$28.27	Yes	\$1,000.00	\$971.73
1268	24-Sep-12	10	7	\$23.78	Yes	\$1,000.00	\$976.22
1269	24-Sep-12	10	8	\$23.78	Yes	\$1,000.00	\$976.22
1270	24-Sep-12	10	9	\$25.66	Yes	\$1,000.00	\$974.34
1271	24-Sep-12	10	10	\$29.08	Yes	\$1,000.00	\$970.92
1272	24-Sep-12	10	11	\$29.08	Yes	\$1,000.00	\$970.92
1273	24-Sep-12	10	12	\$25.78	Yes	\$1,000.00	\$974.22
1274	24-Sep-12	11	1	\$24.72	Yes	\$1,000.00	\$975.28
1275	24-Sep-12	11	2	\$26.03	Yes	\$1,000.00	\$973.97
1276	24-Sep-12	11	3	\$23.82	Yes	\$1,000.00	\$976.18
1277	24-Sep-12	11	4	\$23.82	Yes	\$1,000.00	\$976.18
1278	24-Sep-12	11	5	\$23.82	Yes	\$1,000.00	\$976.18
1279	24-Sep-12	11	6	\$25.95	Yes	\$1,000.00	\$974.05
1280	24-Sep-12	11	7	\$25.91	Yes	\$1,000.00	\$974.09
1281	24-Sep-12	11	8	\$26.28	Yes	\$1,000.00	\$973.72
1282	24-Sep-12	11	9	\$26.69	Yes	\$1,000.00	\$973.31
1283	24-Sep-12	11	10	\$32.34	Yes	\$1,000.00	\$967.66
1284	24-Sep-12	11	11	\$30.76	Yes	\$1,000.00	\$969.24
1285	24-Sep-12	11	12	\$40.82	Yes	\$1,000.00	\$959.18
1286	24-Sep-12	12	1	\$27.59	Yes	\$1,000.00	\$972.41
1287	24-Sep-12	12	2	\$30.03	Yes	\$1,000.00	\$969.97
1288	24-Sep-12	12	3	\$23.79	Yes	\$1,000.00	\$976.21
1289	24-Sep-12	12	4	\$35.46	Yes	\$1,000.00	\$964.54
1290	24-Sep-12	12	5	\$32.18	Yes	\$1,000.00	\$967.82
1291	24-Sep-12	12	6	\$25.08	Yes	\$1,000.00	\$974.92
1292	24-Sep-12	12	7	\$98.91	Yes	\$1,000.00	\$901.09
1293	24-Sep-12	12	8	\$97.81	Yes	\$1,000.00	\$902.19
1294	24-Sep-12	12	9	\$161.51	Yes	\$1,000.00	\$838.49
1295	24-Sep-12	12	10	\$71.31	Yes	\$1,000.00	\$928.69
1296	24-Sep-12	12	11	\$28.72	Yes	\$1,000.00	\$971.28
1297	24-Sep-12	12	12	\$24.61	Yes	\$1,000.00	\$975.39
1298	24-Sep-12	13	1	\$23.27	Yes	\$1,000.00	\$976.73
1299	24-Sep-12	13	2	\$23.39	Yes	\$1,000.00	\$976.61
1300	24-Sep-12	13	3	\$23.39	Yes	\$1,000.00	\$976.61
1301	24-Sep-12	13	4	\$23.71	Yes	\$1,000.00	\$976.29
1302	24-Sep-12	13	5	\$27.80	Yes	\$1,000.00	\$972.20

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	24-Sep-12	13	6	\$24.36	Yes	\$1,000.00	\$975.64
1304	24-Sep-12	13	7	\$36.38	Yes	\$1,000.00	\$963.62
1305	24-Sep-12	13	8	\$35.77	Yes	\$1,000.00	\$964.23
1306	24-Sep-12	13	9	\$32.36	Yes	\$1,000.00	\$967.64
1307	24-Sep-12	13	10	\$27.88	Yes	\$1,000.00	\$972.12
1308	24-Sep-12	13	11	\$30.33	Yes	\$1,000.00	\$969.67
1309	24-Sep-12	13	12	\$30.82	Yes	\$1,000.00	\$969.18
1310	24-Sep-12	14	1	\$32.45	Yes	\$0.00	-\$32.45
1311	24-Sep-12	14	2	\$32.48	Yes	\$0.00	-\$32.48
1312	24-Sep-12	14	3	\$31.33	Yes	\$0.00	-\$31.33
1313	24-Sep-12	14	4	\$31.36	Yes	\$0.00	-\$31.36
1314	24-Sep-12	14	5	\$31.36	Yes	\$0.00	-\$31.36
1315	24-Sep-12	14	6	\$31.38	Yes	\$0.00	-\$31.38
1316	24-Sep-12	14	7	\$165.36	Yes	\$0.00	-\$165.36
1317	24-Sep-12	14	8	\$173.88	Yes	\$0.00	-\$173.88
1318	24-Sep-12	14	9	\$30.28	Yes	\$0.00	-\$30.28
1319	24-Sep-12	14	10	\$30.09	Yes	\$0.00	-\$30.09
1320	24-Sep-12	14	11	\$30.09	Yes	\$0.00	-\$30.09
1321	24-Sep-12	14	12	\$30.09	Yes	\$0.00	-\$30.09
1322	24-Sep-12	15	1	\$31.06	Yes	\$0.00	-\$31.06
1323	24-Sep-12	15	2	\$31.40	Yes	\$0.00	-\$31.40
1324	24-Sep-12	15	3	\$31.17	Yes	\$0.00	-\$31.17
1325	24-Sep-12	15	4	\$32.47	Yes	\$0.00	-\$32.47
1326	24-Sep-12	15	5	\$32.57	Yes	\$0.00	-\$32.57
1327	24-Sep-12	15	6	\$32.02	Yes	\$0.00	-\$32.02
1328	24-Sep-12	15	7	\$29.96	Yes	\$0.00	-\$29.96
1329	24-Sep-12	15	8	\$29.96	Yes	\$0.00	-\$29.96
1330	24-Sep-12	15	9	\$29.96	Yes	\$0.00	-\$29.96
1331	24-Sep-12	15	10	\$29.96	Yes	\$0.00	-\$29.96
1332	24-Sep-12	15	11	\$30.62	Yes	\$0.00	-\$30.62
1333	24-Sep-12	15	12	\$30.78	Yes	\$0.00	-\$30.78
1334	24-Sep-12	16	1	\$32.58	Yes	\$0.00	-\$32.58
1335	24-Sep-12	16	2	\$33.07	Yes	\$0.00	-\$33.07
1336	24-Sep-12	16	3	\$32.68	Yes	\$0.00	-\$32.68
1337	24-Sep-12	16	4	\$32.34	Yes	\$0.00	-\$32.34
1338	24-Sep-12	16	5	\$32.42	Yes	\$0.00	-\$32.42
1339	24-Sep-12	16	6	\$31.89	Yes	\$0.00	-\$31.89
1340	24-Sep-12	16	7	\$29.78	Yes	\$0.00	-\$29.78
1341	24-Sep-12	16	8	\$28.40	Yes	\$0.00	-\$28.40
1342	24-Sep-12	16	9	\$29.92	Yes	\$0.00	-\$29.92
1343	24-Sep-12	16	10	\$29.61	Yes	\$0.00	-\$29.61
1344	24-Sep-12	16	11	\$31.14	Yes	\$0.00	-\$31.14
1345	24-Sep-12	16	12	\$30.24	Yes	\$0.00	-\$30.24
1346	24-Sep-12	17	1	\$32.65	Yes	\$1,000.00	\$967.35
1347	24-Sep-12	17	2	\$31.41	Yes	\$1,000.00	\$968.59

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	24-Sep-12	17	3	\$31.43	Yes	\$1,000.00	\$968.57
1349	24-Sep-12	17	4	\$31.44	Yes	\$1,000.00	\$968.56
1350	24-Sep-12	17	5	\$31.43	Yes	\$1,000.00	\$968.57
1351	24-Sep-12	17	6	\$32.61	Yes	\$1,000.00	\$967.39
1352	24-Sep-12	17	7	\$30.55	Yes	\$1,000.00	\$969.45
1353	24-Sep-12	17	8	\$32.25	Yes	\$1,000.00	\$967.75
1354	24-Sep-12	17	9	\$30.55	Yes	\$1,000.00	\$969.45
1355	24-Sep-12	17	10	\$30.55	Yes	\$1,000.00	\$969.45
1356	24-Sep-12	17	11	\$30.55	Yes	\$1,000.00	\$969.45
1357	24-Sep-12	17	12	\$30.07	Yes	\$1,000.00	\$969.93
1358	24-Sep-12	18	1	\$30.76	Yes	\$1,000.00	\$969.24
1359	24-Sep-12	18	2	\$30.76	Yes	\$1,000.00	\$969.24
1360	24-Sep-12	18	3	\$31.25	Yes	\$1,000.00	\$968.75
1361	24-Sep-12	18	4	\$30.78	Yes	\$1,000.00	\$969.22
1362	24-Sep-12	18	5	\$30.76	Yes	\$1,000.00	\$969.24
1363	24-Sep-12	18	6	\$30.26	Yes	\$1,000.00	\$969.74
1364	24-Sep-12	18	7	\$28.25	Yes	\$1,000.00	\$971.75
1365	24-Sep-12	18	8	\$28.25	Yes	\$1,000.00	\$971.75
1366	24-Sep-12	18	9	\$27.03	Yes	\$1,000.00	\$972.97
1367	24-Sep-12	18	10	\$27.62	Yes	\$1,000.00	\$972.38
1368	24-Sep-12	18	11	\$27.62	Yes	\$1,000.00	\$972.38
1369	24-Sep-12	18	12	\$27.62	Yes	\$1,000.00	\$972.38
1370	24-Sep-12	19	1	\$27.62	Yes	\$1,000.00	\$972.38
1371	24-Sep-12	19	2	\$27.62	Yes	\$1,000.00	\$972.38
1372	24-Sep-12	19	3	\$27.63	Yes	\$1,000.00	\$972.37
1373	24-Sep-12	19	4	\$28.81	Yes	\$1,000.00	\$971.19
1374	24-Sep-12	19	5	\$28.81	Yes	\$1,000.00	\$971.19
1375	24-Sep-12	19	6	\$28.81	Yes	\$1,000.00	\$971.19
1376	24-Sep-12	19	7	\$26.31	Yes	\$1,000.00	\$973.69
1377	24-Sep-12	19	8	\$26.75	Yes	\$1,000.00	\$973.25
1378	24-Sep-12	19	9	\$26.21	Yes	\$1,000.00	\$973.79
1379	24-Sep-12	19	10	\$26.12	Yes	\$1,000.00	\$973.88
1380	24-Sep-12	19	11	\$26.12	Yes	\$1,000.00	\$973.88
1381	24-Sep-12	19	12	\$26.12	Yes	\$1,000.00	\$973.88
1382	24-Sep-12	20	1	\$26.23	Yes	\$1,000.00	\$973.77
1383	24-Sep-12	20	2	\$28.26	Yes	\$1,000.00	\$971.74
1384	24-Sep-12	20	3	\$29.77	Yes	\$1,000.00	\$970.23
1385	24-Sep-12	20	4	\$30.77	Yes	\$1,000.00	\$969.23
1386	24-Sep-12	20	5	\$30.77	Yes	\$1,000.00	\$969.23
1387	24-Sep-12	20	6	\$30.77	Yes	\$1,000.00	\$969.23
1388	24-Sep-12	20	7	\$29.57	Yes	\$1,000.00	\$970.43
1389	24-Sep-12	20	8	\$29.57	Yes	\$1,000.00	\$970.43
1390	24-Sep-12	20	9	\$29.57	Yes	\$1,000.00	\$970.43
1391	24-Sep-12	20	10	\$29.76	Yes	\$1,000.00	\$970.24
1392	24-Sep-12	20	11	\$29.44	Yes	\$1,000.00	\$970.56

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	24-Sep-12	20	12	\$29.76	Yes	\$1,000.00	\$970.24
1394	24-Sep-12	21	1	\$32.63	Yes	\$1,000.00	\$967.37
1395	24-Sep-12	21	2	\$30.89	Yes	\$1,000.00	\$969.11
1396	24-Sep-12	21	3	\$29.65	Yes	\$1,000.00	\$970.35
1397	24-Sep-12	21	4	\$29.86	Yes	\$1,000.00	\$970.14
1398	24-Sep-12	21	5	\$29.48	Yes	\$1,000.00	\$970.52
1399	24-Sep-12	21	6	\$29.46	Yes	\$1,000.00	\$970.54
1400	24-Sep-12	21	7	\$27.31	Yes	\$1,000.00	\$972.69
1401	24-Sep-12	21	8	\$26.34	Yes	\$1,000.00	\$973.66
1402	24-Sep-12	21	9	\$26.24	Yes	\$1,000.00	\$973.76
1403	24-Sep-12	21	10	\$23.76	Yes	\$1,000.00	\$976.24
1404	24-Sep-12	21	11	\$23.76	Yes	\$1,000.00	\$976.24
1405	24-Sep-12	21	12	\$23.59	Yes	\$1,000.00	\$976.41
1406	24-Sep-12	22	1	\$25.69	Yes	\$1,000.00	\$974.31
1407	24-Sep-12	22	2	\$28.16	Yes	\$1,000.00	\$971.84
1408	24-Sep-12	22	3	\$35.17	Yes	\$1,000.00	\$964.83
1409	24-Sep-12	22	4	\$32.12	Yes	\$1,000.00	\$967.88
1410	24-Sep-12	22	5	\$27.51	Yes	\$1,000.00	\$972.49
1411	24-Sep-12	22	6	\$27.94	Yes	\$1,000.00	\$972.06
1412	24-Sep-12	22	7	\$26.47	Yes	\$1,000.00	\$973.53
1413	24-Sep-12	22	8	\$23.25	Yes	\$1,000.00	\$976.75
1414	24-Sep-12	22	9	\$23.25	Yes	\$1,000.00	\$976.75
1415	24-Sep-12	22	10	\$23.15	Yes	\$1,000.00	\$976.85
1416	24-Sep-12	22	11	\$23.15	Yes	\$1,000.00	\$976.85
1417	24-Sep-12	22	12	\$19.77	Yes	\$1,000.00	\$980.23
1418	29-Sep-12	11	1	\$24.54	Yes	\$1,000.00	\$975.46
1419	29-Sep-12	11	2	\$24.89	Yes	\$1,000.00	\$975.11
1420	29-Sep-12	11	3	\$24.89	Yes	\$1,000.00	\$975.11
1421	29-Sep-12	11	4	\$25.55	Yes	\$1,000.00	\$974.45
1422	29-Sep-12	11	5	\$25.55	Yes	\$1,000.00	\$974.45
1423	29-Sep-12	11	6	\$25.55	Yes	\$1,000.00	\$974.45
1424	29-Sep-12	11	7	\$25.65	Yes	\$1,000.00	\$974.35
1425	29-Sep-12	11	8	\$25.65	Yes	\$1,000.00	\$974.35
1426	29-Sep-12	11	9	\$25.65	Yes	\$1,000.00	\$974.35
1427	29-Sep-12	11	10	\$25.69	Yes	\$1,000.00	\$974.31
1428	29-Sep-12	11	11	\$25.69	Yes	\$1,000.00	\$974.31
1429	29-Sep-12	11	12	\$27.08	Yes	\$1,000.00	\$972.92
1430	29-Sep-12	12	1	\$25.48	Yes	\$1,000.00	\$974.52
1431	29-Sep-12	12	2	\$25.48	Yes	\$1,000.00	\$974.52
1432	29-Sep-12	12	3	\$25.48	Yes	\$1,000.00	\$974.52
1433	29-Sep-12	12	4	\$25.35	Yes	\$1,000.00	\$974.65
1434	29-Sep-12	12	5	\$25.30	Yes	\$1,000.00	\$974.70
1435	29-Sep-12	12	6	\$25.77	Yes	\$1,000.00	\$974.23
1436	29-Sep-12	12	7	\$25.76	Yes	\$1,000.00	\$974.24
1437	29-Sep-12	12	8	\$25.76	Yes	\$1,000.00	\$974.24

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1438	29-Sep-12	12	9	\$26.48	Yes	\$1,000.00	\$973.52
1439	29-Sep-12	12	10	\$33.80	Yes	\$1,000.00	\$966.20
1440	29-Sep-12	12	11	-\$30.49	Yes	\$1,000.00	\$1,030.49
1441	29-Sep-12	12	12	\$23.60	Yes	\$1,000.00	\$976.40
1442	29-Sep-12	13	1	\$24.56	Yes	\$1,000.00	\$975.44
1443	29-Sep-12	13	2	\$25.28	Yes	\$1,000.00	\$974.72
1444	29-Sep-12	13	3	\$22.95	Yes	\$1,000.00	\$977.05
1445	29-Sep-12	13	4	\$5.67	Yes	\$1,000.00	\$994.33
1446	29-Sep-12	13	5	\$23.21	Yes	\$1,000.00	\$976.79
1447	29-Sep-12	13	6	\$23.41	Yes	\$1,000.00	\$976.59
1448	29-Sep-12	13	7	\$23.56	Yes	\$1,000.00	\$976.44
1449	29-Sep-12	13	8	\$23.67	Yes	\$1,000.00	\$976.33
1450	29-Sep-12	13	9	\$23.76	Yes	\$1,000.00	\$976.24
1451	29-Sep-12	13	10	\$33.61	Yes	\$1,000.00	\$966.39
1452	29-Sep-12	13	11	\$33.61	Yes	\$1,000.00	\$966.39
1453	29-Sep-12	13	12	-\$23.68	Yes	\$1,000.00	\$1,023.68
1454	29-Sep-12	14	1	\$27.94	Yes	\$1,000.00	\$972.06
1455	29-Sep-12	14	2	\$24.03	Yes	\$1,000.00	\$975.97
1456	29-Sep-12	14	3	\$24.14	Yes	\$1,000.00	\$975.86
1457	29-Sep-12	14	4	\$25.92	Yes	\$1,000.00	\$974.08
1458	29-Sep-12	14	5	\$25.82	Yes	\$1,000.00	\$974.18
1459	29-Sep-12	14	6	\$27.89	Yes	\$1,000.00	\$972.11
1460	29-Sep-12	14	7	\$26.36	Yes	\$1,000.00	\$973.64
1461	29-Sep-12	14	8	\$27.30	Yes	\$1,000.00	\$972.70
1462	29-Sep-12	14	9	\$28.41	Yes	\$1,000.00	\$971.59
1463	29-Sep-12	14	10	\$18.01	Yes	\$1,000.00	\$981.99
1464	29-Sep-12	14	11	-\$13.78	Yes	\$1,000.00	\$1,013.78
1465	29-Sep-12	14	12	\$33.92	Yes	\$1,000.00	\$966.08
1466	29-Sep-12	15	1	\$10.68	Yes	\$1,000.00	\$989.32
1467	29-Sep-12	15	2	\$24.45	Yes	\$1,000.00	\$975.55
1468	29-Sep-12	15	3	\$23.83	Yes	\$1,000.00	\$976.17
1469	29-Sep-12	15	4	\$24.66	Yes	\$1,000.00	\$975.34
1470	29-Sep-12	15	5	\$27.31	Yes	\$1,000.00	\$972.69
1471	29-Sep-12	15	6	\$27.39	Yes	\$1,000.00	\$972.61
1472	29-Sep-12	15	7	\$29.20	Yes	\$1,000.00	\$970.80
1473	29-Sep-12	15	8	\$29.22	Yes	\$1,000.00	\$970.78
1474	29-Sep-12	15	9	\$29.22	Yes	\$1,000.00	\$970.78
1475	29-Sep-12	15	10	\$29.42	Yes	\$1,000.00	\$970.58
1476	29-Sep-12	15	11	\$29.42	Yes	\$1,000.00	\$970.58
1477	29-Sep-12	15	12	\$29.54	Yes	\$1,000.00	\$970.46
1478	29-Sep-12	16	1	\$30.27	Yes	\$1,000.00	\$969.73
1479	29-Sep-12	16	2	\$30.71	Yes	\$1,000.00	\$969.29
1480	29-Sep-12	16	3	\$32.30	Yes	\$1,000.00	\$967.70
1481	29-Sep-12	16	4	\$32.89	Yes	\$1,000.00	\$967.11
1482	29-Sep-12	16	5	\$32.89	Yes	\$1,000.00	\$967.11

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1483	29-Sep-12	16	6	\$32.86	Yes	\$1,000.00	\$967.14
1484	29-Sep-12	16	7	\$33.04	Yes	\$1,000.00	\$966.96
1485	29-Sep-12	16	8	\$33.82	Yes	\$1,000.00	\$966.18
1486	29-Sep-12	16	9	\$33.57	Yes	\$1,000.00	\$966.43
1487	29-Sep-12	16	10	\$35.88	Yes	\$1,000.00	\$964.12
1488	29-Sep-12	16	11	\$35.88	Yes	\$1,000.00	\$964.12
1489	29-Sep-12	16	12	\$34.52	Yes	\$1,000.00	\$965.48
1490	29-Sep-12	17	1	\$34.89	Yes	\$1,000.00	\$965.11
1491	29-Sep-12	17	2	\$33.59	Yes	\$1,000.00	\$966.41
1492	29-Sep-12	17	3	\$33.48	Yes	\$1,000.00	\$966.52
1493	29-Sep-12	17	4	\$34.90	Yes	\$1,000.00	\$965.10
1494	29-Sep-12	17	5	\$34.52	Yes	\$1,000.00	\$965.48
1495	29-Sep-12	17	6	\$34.52	Yes	\$1,000.00	\$965.48
1496	29-Sep-12	17	7	\$34.28	Yes	\$1,000.00	\$965.72
1497	29-Sep-12	17	8	\$33.64	Yes	\$1,000.00	\$966.36
1498	29-Sep-12	17	9	\$33.64	Yes	\$1,000.00	\$966.36
1499	29-Sep-12	17	10	\$32.51	Yes	\$1,000.00	\$967.49
1500	29-Sep-12	17	11	\$32.50	Yes	\$1,000.00	\$967.50
1501	29-Sep-12	17	12	\$30.60	Yes	\$1,000.00	\$969.40
1502	29-Sep-12	18	1	\$30.71	Yes	\$1,000.00	\$969.29
1503	29-Sep-12	18	2	\$29.94	Yes	\$1,000.00	\$970.06
1504	29-Sep-12	18	3	\$31.02	Yes	\$1,000.00	\$968.98
1505	29-Sep-12	18	4	\$32.18	Yes	\$1,000.00	\$967.82
1506	29-Sep-12	18	5	\$31.33	Yes	\$1,000.00	\$968.67
1507	29-Sep-12	18	6	\$32.24	Yes	\$1,000.00	\$967.76
1508	29-Sep-12	18	7	\$31.69	Yes	\$1,000.00	\$968.31
1509	29-Sep-12	18	8	\$29.53	Yes	\$1,000.00	\$970.47
1510	29-Sep-12	18	9	\$29.29	Yes	\$1,000.00	\$970.71
1511	29-Sep-12	18	10	\$6.19	Yes	\$1,000.00	\$993.81
1512	29-Sep-12	18	11	\$26.61	Yes	\$1,000.00	\$973.39
1513	29-Sep-12	18	12	\$6.38	Yes	\$1,000.00	\$993.62
1514	29-Sep-12	19	1	\$0.00	Yes	\$1,000.00	\$1,000.00
1515	29-Sep-12	19	2	\$25.70	Yes	\$1,000.00	\$974.30
1516	29-Sep-12	19	3	\$25.75	Yes	\$1,000.00	\$974.25
1517	29-Sep-12	19	4	\$28.28	Yes	\$1,000.00	\$971.72
1518	29-Sep-12	19	5	\$27.75	Yes	\$1,000.00	\$972.25
1519	29-Sep-12	19	6	\$27.21	Yes	\$1,000.00	\$972.79
1520	29-Sep-12	19	7	\$7.13	Yes	\$1,000.00	\$992.87
1521	29-Sep-12	19	8	\$28.61	Yes	\$1,000.00	\$971.39
1522	29-Sep-12	19	9	\$28.61	Yes	\$1,000.00	\$971.39
1523	29-Sep-12	19	10	\$28.35	Yes	\$1,000.00	\$971.65
1524	29-Sep-12	19	11	\$28.35	Yes	\$1,000.00	\$971.65
1525	29-Sep-12	19	12	\$28.35	Yes	\$1,000.00	\$971.65
1526	29-Sep-12	20	1	\$28.35	Yes	\$1,000.00	\$971.65
1527	29-Sep-12	20	2	\$26.60	Yes	\$1,000.00	\$973.40

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1528	29-Sep-12	20	3	\$25.50	Yes	\$1,000.00	\$974.50
1529	29-Sep-12	20	4	\$27.04	Yes	\$1,000.00	\$972.96
1530	29-Sep-12	20	5	\$27.89	Yes	\$1,000.00	\$972.11
1531	29-Sep-12	20	6	\$29.75	Yes	\$1,000.00	\$970.25
1532	29-Sep-12	20	7	\$28.11	Yes	\$1,000.00	\$971.89
1533	29-Sep-12	20	8	\$27.94	Yes	\$1,000.00	\$972.06
1534	29-Sep-12	20	9	\$27.94	Yes	\$1,000.00	\$972.06
1535	29-Sep-12	20	10	\$25.60	Yes	\$1,000.00	\$974.40
1536	29-Sep-12	20	11	\$25.55	Yes	\$1,000.00	\$974.45
1537	29-Sep-12	20	12	\$26.24	Yes	\$1,000.00	\$973.76
1538	29-Sep-12	21	1	\$26.21	Yes	\$1,000.00	\$973.79
1539	29-Sep-12	21	2	\$26.57	Yes	\$1,000.00	\$973.43
1540	29-Sep-12	21	3	\$26.80	Yes	\$1,000.00	\$973.20
1541	29-Sep-12	21	4	\$26.78	Yes	\$1,000.00	\$973.22
1542	29-Sep-12	21	5	\$26.81	Yes	\$1,000.00	\$973.19
1543	29-Sep-12	21	6	\$25.17	Yes	\$1,000.00	\$974.83
1544	29-Sep-12	21	7	\$25.63	Yes	\$1,000.00	\$974.37
1545	29-Sep-12	21	8	\$25.03	Yes	\$1,000.00	\$974.97
1546	29-Sep-12	21	9	\$24.98	Yes	\$1,000.00	\$975.02
1547	29-Sep-12	21	10	-\$17.20	Yes	\$1,000.00	\$1,017.20
1548	29-Sep-12	21	11	\$18.05	Yes	\$1,000.00	\$981.95
1549	29-Sep-12	21	12	\$22.04	Yes	\$1,000.00	\$977.96
1550	29-Sep-12	22	1	\$24.32	Yes	\$1,000.00	\$975.68
1551	29-Sep-12	22	2	\$25.42	Yes	\$1,000.00	\$974.58
1552	29-Sep-12	22	3	\$24.94	Yes	\$1,000.00	\$975.06
1553	29-Sep-12	22	4	\$26.72	Yes	\$1,000.00	\$973.28
1554	29-Sep-12	22	5	\$26.44	Yes	\$1,000.00	\$973.56
1555	29-Sep-12	22	6	\$26.39	Yes	\$1,000.00	\$973.61
1556	29-Sep-12	22	7	\$25.93	Yes	\$1,000.00	\$974.07
1557	29-Sep-12	22	8	\$25.48	Yes	\$1,000.00	\$974.52
1558	29-Sep-12	22	9	\$25.38	Yes	\$1,000.00	\$974.62
1559	29-Sep-12	22	10	\$22.88	Yes	\$1,000.00	\$977.12
1560	29-Sep-12	22	11	\$24.97	Yes	\$1,000.00	\$975.03
1561	29-Sep-12	22	12	\$24.46	Yes	\$1,000.00	\$975.54
1562	29-Sep-12	23	1	\$25.54	Yes	\$1,000.00	\$974.46
1563	29-Sep-12	23	2	\$27.41	Yes	\$1,000.00	\$972.59
1564	29-Sep-12	23	3	\$31.08	Yes	\$1,000.00	\$968.92
1565	29-Sep-12	23	4	\$26.16	Yes	\$1,000.00	\$973.84
1566	29-Sep-12	23	5	\$26.16	Yes	\$1,000.00	\$973.84
1567	29-Sep-12	23	6	\$26.66	Yes	\$1,000.00	\$973.34
1568	29-Sep-12	23	7	\$25.58	Yes	\$1,000.00	\$974.42
1569	29-Sep-12	23	8	\$25.39	Yes	\$1,000.00	\$974.61
1570	29-Sep-12	23	9	\$23.98	Yes	\$1,000.00	\$976.02
1571	29-Sep-12	23	10	\$24.16	Yes	\$1,000.00	\$975.84
1572	29-Sep-12	23	11	\$24.15	Yes	\$1,000.00	\$975.85

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1573	29-Sep-12	23	12	\$22.72	Yes	\$1,000.00	\$977.28
1574	29-Sep-12	24	1	\$25.54	Yes	\$1,000.00	\$974.46
1575	29-Sep-12	24	2	\$27.05	Yes	\$1,000.00	\$972.95
1576	29-Sep-12	24	3	\$30.38	Yes	\$1,000.00	\$969.62
1577	29-Sep-12	24	4	\$33.88	Yes	\$1,000.00	\$966.12
1578	29-Sep-12	24	5	\$30.13	Yes	\$1,000.00	\$969.87
1579	29-Sep-12	24	6	\$29.86	Yes	\$1,000.00	\$970.14
1580	29-Sep-12	24	7	\$25.44	Yes	\$1,000.00	\$974.56
1581	29-Sep-12	24	8	\$24.51	Yes	\$1,000.00	\$975.49
1582	29-Sep-12	24	9	\$24.31	Yes	\$1,000.00	\$975.69
1583	29-Sep-12	24	10	\$23.96	Yes	\$1,000.00	\$976.04
1584	29-Sep-12	24	11	\$23.86	Yes	\$1,000.00	\$976.14
1585	29-Sep-12	24	12	\$23.36	Yes	\$1,000.00	\$976.64

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In September 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 September. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$ 1,220,215. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$ 13,670,937. The cost saving from the exceptional dispatch bid mitigation was \$ 12,450,722.

Table 10: Bid Mitigation Analysis for September

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	21	\$13,613,809	\$1,175,535	\$12,438,274
TMODEL5	4	\$32,477	\$30,919	\$1,557
TMODEL6	5	\$22,038	\$12,250	\$9,788
TMODEL7	4	\$2,613	\$1,511	\$1,102
		\$13,670,937	\$1,220,215	\$12,450,722

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 31st day of December 2012.

Is/ Anna Pascuzzo

Anna Pascuzzo