

November 30, 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-\_\_\_\_  
August 2012 Exceptional Dispatch Report (Chart 2 data)**

Dear Secretary Bose:

Pursuant to the Commission's September 2, 2009 and May 4, 2010 orders in the above-referenced dockets, 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 by the Commission's May 4 Order.

The attached report provides Chart 2 data for the month of August 2012. The attached Chart 2 report also includes the price impact analysis for the month of August 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 for the month of August 2012.

Respectfully submitted,

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

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# Exceptional Dispatch Report

## Table 2: August 2012

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## Introduction

This report is filed pursuant to FERC's September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15<sup>th</sup> of each month and one issued on the 30<sup>th</sup> of each month. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in August 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 August is presented in Appendix B. This report also includes the degree of mitigation analysis for August 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 August 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 August 2012, the ISO issued exceptional dispatches for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7230, transmission facilities in Palermo Rio-Oso area; (4) 7240, Drum Area/Summit Operations; (5) 7320, transmission facilities in Bay Area; (6) 7410, transmission facilities in Tesla/Bellota Area; (7) 7430, transmission facilities in Fresno area; (8) 7570, South of Lugo 500 kV lines; (9) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (10) 8710, Hoodoo Wash-N.Gila 500 kV line flow mitigation; and (9) other transmission outages in PG&E, SCE and SDG&E area.

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

The following additional reasons for exceptional dispatch instructions in August 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 August, which are self explanatory.

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.<sup>2</sup> This table contains all the information published

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

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

in Table 1 of the first report for August. 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.<sup>3</sup>
- The CC6470 column shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.
- The ED Volume MWh (MWh INC/DEC) column shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental

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

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

- 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 portion of the real-time instructed imbalance energy charge code (6470).<sup>4</sup>
  - The CC6482 column shows the real-time excess cost for the classification.<sup>5</sup>
  - The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.<sup>6</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge codes pertain to real-time exceptional dispatch MWH quantities. The classification of data is further explained by way of example in Attachment A. The ISO has determined that the significant event that resulted in the capacity procurement mechanism designations on Huntington Beach Unit 3 and Unit 4 will continue beyond the expiration on August 8, 2012. The ISO will extend the designation of 225 megawatts on Huntington Beach Unit 3 and 215 megawatts on Huntington Beach Unit 4 until October 31, 2012.

The capacity procurement mechanism enables the ISO to acquire generation capacity to maintain grid reliability if load serving entities fail to meet resource adequacy requirements, procured resource adequacy resources are insufficient, or unexpected conditions create the need for additional capacity.

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

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

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

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

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

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

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	6510	Intertie	N/A	8-Aug-12	324	No	INC	1	16:37	16:45	66.41	\$0	\$0	(\$15,047)	0	\$0	\$0	\$0	\$0	\$0
2	RT	6510	SCE	Big Creek- Ventura	7-Aug-12	80- 525	Yes	DEC	12	10:40	21:59	-13.72	\$0	\$0	\$425	0	\$0	\$0	\$0	\$0	\$0
3	RT	6510	SCE	Big Creek- Ventura	7-Aug-12	150	Yes	INC	12	10:40	21:59	40.80	\$0	\$0	(\$1,343)	26	(\$879)	\$0	\$0	\$0	\$0
4	RT	6510	SCE	Big Creek- Ventura	9-Aug-12	71- 501	No	DEC	14	8:05	21:59	-4.66	\$0	\$0	\$126	0	\$0	\$0	\$0	\$0	\$0
5	RT	6510	SCE	Big Creek- Ventura	9-Aug-12	40	No	INC	14	8:05	21:59	34.12	\$0	\$0	(\$1,149)	32	(\$1,117)	\$0	\$0	\$0	\$0
6	RT	6510	SCE	Big Creek- Ventura	11-Aug-12	106- 642	No	DEC	13	9:20	21:59	-238.70	\$0	\$0	\$6,533	0	\$0	\$0	\$0	\$0	\$0
7	RT	6510	SCE	Big Creek- Ventura	11-Aug-12	33- 250	No	INC	13	9:20	21:59	141.93	\$0	\$0	(\$4,803)	122	(\$4,280)	\$0	\$0	\$0	\$0
8	RT	6510	SCE	Big Creek- Ventura	12-Aug-12	72- 550	No	DEC	14	8:45	21:59	-0.29	\$0	\$0	(\$280)	0	\$0	\$0	\$0	\$0	\$0
9	RT	6510	SCE	Big Creek- Ventura	12-Aug-12	106- 250	No	INC	14	8:45	21:59	118.15	\$0	\$0	(\$4,099)	110	(\$3,941)	\$0	\$0	\$0	\$0
10	RT	6510	SCE	Big Creek- Ventura	13-Aug-12	83- 750	No	DEC	16	6:20	21:59	757.88	\$0	\$0	(\$106,695)	0	\$0	\$0	\$0	\$0	\$0
11	RT	6510	SCE	Big Creek- Ventura	13-Aug-12	150	No	INC	16	6:20	21:59	217.58	\$0	\$0	(\$7,595)	196	(\$6,870)	\$0	\$0	\$0	\$0
12	RT	6510	SCE	Big Creek- Ventura	14-Aug-12	83- 752	No	DEC	15	7:00	21:59	90.14	\$0	\$0	(\$34,610)	0	\$0	\$0	\$0	\$0	\$0
13	RT	6510	SCE	Big Creek- Ventura	14-Aug-12	50	No	INC	15	7:00	21:59	93.19	\$0	\$0	(\$3,295)	91	(\$3,241)	\$0	\$0	\$0	\$0
14	RT	6510	SCE	Big Creek- Ventura	15-Aug-12	36- 811	No	DEC	15	7:00	21:59	-327.82	\$0	\$0	\$7,005	0	\$0	\$0	\$0	\$0	\$0
15	RT	6510	SCE	Big Creek- Ventura	15-Aug-12	50	No	INC	15	7:00	21:59	93.23	\$0	\$0	(\$3,331)	93	(\$3,335)	\$0	\$0	\$0	\$0
16	RT	6510	SCE	Big Creek- Ventura	16-Aug-12	206- 832	No	DEC	15	7:00	21:59	-404.85	\$0	\$0	\$9,429	0	\$0	\$0	\$0	\$0	\$0
17	RT	6510	SCE	Big Creek- Ventura	16-Aug-12	25- 74	No	INC	19	3:30	21:59	130.14	\$0	\$0	(\$4,412)	121	(\$4,250)	\$0	\$0	\$0	\$0
18	RT	6510	SCE	Big Creek- Ventura	18-Aug-12	120- 450	No	INC	24	0:00	23:59	12625.34	\$498, 161	\$0	(\$536,184)	7,479	(\$288,13 8)	\$0	\$0	\$0	\$0
19	RT	6510	SCE	Big Creek- Ventura	29-Aug-12	83- 330	Yes	DEC	10	12:00	21:59	-20.02	\$0	\$0	(\$828)	0	\$0	\$0	\$0	\$0	\$0
20	RT	6510	SCE	Big Creek-	29-Aug-12	50	Yes	INC	10	12:00	21:59	45.82	\$2,10	\$0	(\$1,487)	28	(\$944)	\$0	\$0	\$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
				Ventura									2								
21	RT	6510	SCE	Big Creek-Ventura	30-Aug-12	149- 180	Yes	DEC	9	13:05	21:59	-361.70	\$0	\$0	\$3,861	0	\$0	\$0	\$0	\$0	\$0
22	RT	6510	SCE	Big Creek-Ventura	30-Aug-12	108- 300	Yes	INC	9	13:05	21:59	705.19	\$0	\$0	(\$22,574)	691	(\$22,249)	\$0	\$0	\$0	\$0
23	RT	6510	SCE	Big Creek-Ventura	31-Aug-12	100	Yes	INC	17	7:00	23:59	1691.67	\$189,136	\$0	(\$28,873)	0	\$0	\$0	\$0	\$0	\$0
24	RT	6510	SCE	LA Basin	1-Aug-12	178- 312	No	DEC	4	18:55	21:59	-1120.55	\$0	\$0	\$24,404	0	\$0	\$0	\$0	\$0	\$0
25	RT	6510	SCE	LA Basin	1-Aug-12	340	No	INC	12	10:00	21:59	3205.81	\$0	\$0	(\$129,714)	3,158	(\$122,430)	\$0	\$0	\$0	\$0
26	RT	6510	SCE	LA Basin	2-Aug-12	340	No	INC	12	10:55	21:59	3431.02	\$0	\$0	(\$131,625)	3,430	(\$131,625)	\$0	\$0	\$0	\$0
27	RT	6510	SCE	LA Basin	6-Aug-12	200- 670	Yes	INC	21	2:00	22:59	10077.17	\$468,420	\$0	(\$504,143)	4,327	(\$157,053)	\$0	(\$169)	\$0	\$0
28	RT	6510	SCE	LA Basin	7-Aug-12	161- 812	Yes	DEC	12	10:00	21:59	-2654.35	\$0	\$0	\$70,817	0	\$0	\$0	\$0	\$0	\$0
29	RT	6510	SCE	LA Basin	7-Aug-12	340- 705	Yes	INC	12	10:00	21:59	5543.65	\$126,871	\$0	(\$190,907)	4,064	(\$147,605)	\$0	\$0	\$0	\$0
30	RT	6510	SCE	LA Basin	8-Aug-12	449-1205	Yes	DEC	11	11:00	21:59	-2495.34	\$0	\$0	\$75,968	0	\$0	\$0	\$0	\$0	\$0
31	RT	6510	SCE	LA Basin	8-Aug-12	240- 860	Yes	INC	11	11:00	21:59	4841.82	\$154,036	\$0	(\$210,591)	3,140	(\$129,852)	\$0	\$0	\$0	\$0
32	RT	6510	SCE	LA Basin	9-Aug-12	448-1365	Yes	DEC	15	7:30	21:59	-1871.39	\$0	\$0	\$109,412	0	\$0	\$0	\$0	\$0	\$0
33	RT	6510	SCE	LA Basin	9-Aug-12	620-1090	Yes	INC	15	7:20	21:59	10737.92	\$222,703	\$0	(\$836,696)	8,587	(\$622,031)	\$0	\$0	\$0	\$0
34	RT	6510	SCE	LA Basin	10-Aug-12	108-1179	No	DEC	14	7:30	20:59	-1669.68	\$0	\$0	\$51,937	0	\$0	\$0	\$0	\$0	\$0
35	RT	6510	SCE	LA Basin	10-Aug-12	260-1150	Yes	INC	24	0:00	23:59	22947.62	\$1,022,670	\$0	(\$1,803,426)	13,293	(\$962,872)	\$0	\$0	\$0	\$0
36	RT	6510	SCE	LA Basin	11-Aug-12	115-1251	No	DEC	14	8:40	21:59	-2057.74	\$0	\$0	\$62,264	0	\$0	\$0	\$0	\$0	\$0
37	RT	6510	SCE	LA Basin	11-Aug-12	200-1142	Yes	INC	22	0:00	21:59	19606.35	\$689,747	\$0	(\$700,455)	11,988	(\$470,993)	\$0	\$0	\$0	\$0
38	RT	6510	SCE	LA Basin	12-Aug-12	238-1447	No	DEC	14	8:25	21:59	-1143.38	\$0	\$0	\$37,429	0	\$0	\$0	\$0	\$0	\$0
39	RT	6510	SCE	LA Basin	12-Aug-12	380- 912	Yes	INC	14	8:25	21:59	5438.28	\$84,897	\$0	(\$205,260)	4,881	(\$186,432)	\$0	\$0	\$0	\$0
40	RT	6510	SCE	LA Basin	13-Aug-12	288-1549	No	DEC	16	6:00	21:59	624.91	\$0	\$0	(\$66,983)	0	\$0	\$0	\$0	\$0	\$0
41	RT	6510	SCE	LA Basin	13-Aug-12	345-1072	Yes	INC	16	6:00	21:59	11819.59	\$86,830	\$0	(\$1,877,982)	9,255	(\$1,332,811)	\$0	\$0	\$0	\$0
42	RT	6510	SCE	LA Basin	14-Aug-12	381-1485	Yes	DEC	15	7:00	21:59	-1675.13	\$0	\$0	\$58,170	0	\$0	\$0	\$0	\$0	\$0
43	RT	6510	SCE	LA Basin	14-Aug-12	110- 980	Yes	INC	18	6:00	23:59	12182.58	\$237,718	\$0	(\$1,141,308)	9,788	(\$756,107)	\$0	\$0	\$0	\$0
44	RT	6510	SCE	LA Basin	15-Aug-12	123-1570	No	DEC	15	7:00	21:59	-8470.18	\$0	\$0	\$197,445	0	\$0	\$0	\$0	\$0	\$0
45	RT	6510	SCE	LA Basin	15-Aug-12	190- 765	Yes	INC	16	6:00	21:59	10444.98	\$292,179	\$0	(\$338,138)	7,385	(\$267,835)	\$0	\$0	\$0	\$0
46	RT	6510	SCE	LA Basin	16-Aug-12	298-1558	No	DEC	18	4:35	21:59	-5689.41	\$0	\$0	\$178,931	0	\$0	\$0	\$0	\$0	\$0
47	RT	6510	SCE	LA Basin	16-Aug-12	20- 645	Yes	INC	24	0:00	23:59	11373.52	\$292,329	\$0	(\$629,033)	8,604	(\$347,758)	\$0	\$0	\$0	\$0
48	RT	6510	SCE	LA Basin	17-Aug-12	60-1558	Yes	DEC	15	7:00	21:59	-2160.00	\$0	\$0	\$110,310	0	\$0	\$0	\$0	\$0	\$0

Department of Market Analysis and Development – California ISO

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
49	RT	6510	SCE	LA Basin	17-Aug-12	20- 546	Yes	INC	24	0:01	23:59	10812.35	\$135,813	\$0	(\$1,026,405)	7,993	(\$545,597)	\$0	\$0	\$0	\$0
50	RT	6510	SCE	LA Basin	18-Aug-12	258-1110	No	DEC	16	6:30	21:59	-3426.80	\$0	\$0	\$138,045	0	\$0	\$0	\$0	\$0	\$0
51	RT	6510	SCE	LA Basin	18-Aug-12	70-1080	No	INC	24	0:00	23:59	13186.17	\$383,379	\$0	(\$776,233)	8,259	(\$447,217)	\$0	\$0	\$0	\$0
52	RT	6510	SCE	LA Basin	19-Aug-12	88- 147	No	DEC	8	14:00	21:59	-138.33	\$0	\$0	\$3,256	0	\$0	\$0	\$0	\$0	\$0
53	RT	6510	SCE	LA Basin	19-Aug-12	230- 785	Yes	INC	24	0:00	23:59	11831.05	\$608,437	\$0	(\$500,618)	5,937	(\$236,557)	\$0	\$0	\$0	\$0
54	RT	6510	SCE	LA Basin	20-Aug-12	160-1110	No	DEC	17	7:00	23:59	-3237.97	\$0	\$0	\$130,411	0	\$0	\$0	\$0	\$0	\$0
55	RT	6510	SCE	LA Basin	20-Aug-12	220-1020	Yes	INC	24	0:00	23:59	25436.91	\$780,553	\$0	(\$1,922,483)	16,031	(\$840,631)	\$0	\$0	\$0	\$0
56	RT	6510	SCE	LA Basin	21-Aug-12	141-1252	Yes	DEC	15	6:00	20:59	-7135.58	\$0	\$0	\$165,772	0	\$0	\$0	\$0	\$0	\$0
57	RT	6510	SCE	LA Basin	21-Aug-12	70- 972	Yes	INC	24	0:00	23:59	16760.80	\$462,745	\$0	(\$585,655)	11,601	(\$401,157)	\$0	(\$25,786)	\$0	\$0
58	RT	6510	SCE	LA Basin	22-Aug-12	419	No	DEC	5	15:10	19:59	-2053.31	\$0	\$0	\$49,075	0	\$0	\$0	\$0	\$0	\$0
59	RT	6510	SCE	LA Basin	22-Aug-12	221- 331	Yes	INC	24	0:00	23:59	6943.86	\$490,552	\$0	(\$212,117)	974	(\$34,124)	\$0	\$0	\$0	\$0
60	RT	6510	SCE	LA Basin	23-Aug-12	182- 381	No	DEC	10	10:00	19:59	-1607.28	\$0	\$0	\$45,495	0	\$0	\$0	\$0	\$0	\$0
61	RT	6510	SCE	LA Basin	23-Aug-12	25- 110	Yes	INC	24	0:00	23:59	880.87	\$80,735	\$0	(\$25,917)	276	(\$10,049)	\$0	\$0	\$0	\$0
62	RT	6510	SCE	LA Basin	24-Aug-12	7- 419	No	DEC	15	7:05	21:59	-3598.55	\$0	\$0	\$119,175	0	\$0	\$0	\$0	\$0	\$0
63	RT	6510	SCE	LA Basin	24-Aug-12	50-1262	Yes	INC	24	0:00	23:59	8902.75	\$248,388	\$0	(\$343,935)	5,641	(\$256,543)	\$0	\$0	\$0	\$0
64	RT	6510	SCE	LA Basin	27-Aug-12	139- 322	No	DEC	12	9:00	20:59	-726.82	\$0	\$0	\$24,374	0	\$0	\$0	\$0	\$0	\$0
65	RT	6510	SCE	LA Basin	27-Aug-12	70- 715	Yes	INC	24	0:00	23:59	12108.88	\$409,716	\$0	(\$1,160,263)	7,455	(\$540,216)	\$0	\$0	\$0	\$0
66	RT	6510	SCE	LA Basin	28-Aug-12	426- 729	Yes	DEC	11	10:15	20:59	-1637.51	\$0	\$0	\$51,970	0	\$0	\$0	\$0	\$0	\$0
67	RT	6510	SCE	LA Basin	28-Aug-12	200- 786	Yes	INC	24	0:00	23:59	16127.57	\$697,517	\$28,624	(\$849,834)	8,032	(\$371,897)	\$0	\$0	\$0	\$0
68	RT	6510	SCE	LA Basin	29-Aug-12	356-1607	Yes	DEC	14	8:00	21:59	-3283.32	\$0	\$0	\$94,231	0	\$0	\$0	\$0	\$0	\$0
69	RT	6510	SCE	LA Basin	29-Aug-12	860- 952	Yes	INC	14	8:00	21:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
70	RT	6510	SCE	LA Basin	29-Aug-12	240	Yes	INC	24	0:00	23:59	26379.37	\$890,314	\$0	(\$1,177,354)	16,671	(\$796,581)	\$0	(\$253)	\$0	\$0
71	RT	6510	SCE	LA Basin	30-Aug-12	79-1110	No	DEC	16	6:15	21:59	-6385.12	\$0	\$0	\$154,780	0	\$0	\$0	\$0	\$0	\$0
72	RT	6510	SCE	LA Basin	30-Aug-12	622- 892	Yes	INC	16	6:15	21:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
73	RT	6510	SCE	LA Basin	30-Aug-12	250	Yes	INC	24	0:00	23:59	22723.53	\$943,606	\$0	(\$700,935)	12,170	(\$424,298)	\$0	(\$104)	\$0	\$0
74	RT	6510	SCE	LA Basin	31-Aug-12	3- 161	No	DEC	14	7:35	20:59	-24.76	\$0	\$0	\$777	0	\$0	\$0	\$0	\$0	\$0
75	RT	6510	SCE	LA Basin	31-Aug-12	71- 116	Yes	INC	14	7:25	20:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
76	RT	6510	SCE	LA Basin	31-Aug-12	25- 75	Yes	INC	24	0:00	23:59	2435.67	\$130,564	\$0	(\$89,422)	1,370	(\$65,958)	\$0	(\$319)	\$0	\$0
77	RT	6510	SDG&E	San Diego	1-Aug-12	20- 68	No	INC	16	8:40	23:59	772.97	\$56,213	\$0	(\$22,354)	1	(\$26)	\$0	(\$1)	\$0	\$0
78	RT	6510	SDG&E	San Diego	2-Aug-12	68	No	INC	12	10:30	21:59	807.71	\$54,071	\$0	(\$17,858)	1	(\$37)	\$0	\$0	\$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
79	RT	6510	SDG&E	San Diego	9-Aug-12	63	No	INC	14	8:05	21:59	392.89	\$23,811	\$0	(\$30,767)	0	(\$2)	\$0	\$0	\$0	\$0
80	RT	6510	SDG&E	San Diego	10-Aug-12	131	No	INC	13	8:20	20:59	-53.56	\$13,828	\$0	\$7,416	1	(\$23)	\$0	\$0	\$0	\$0
81	RT	6510	SDG&E	San Diego	11-Aug-12	131	No	INC	13	9:05	21:59	-98.70	\$34,523	\$0	\$1,765	0	(\$2)	\$0	\$0	\$0	\$0
82	RT	6510	SDG&E	San Diego	12-Aug-12	68	No	INC	12	10:50	21:59	-1004.79	\$3,111	\$0	\$34,243	0	(\$0)	\$0	\$0	\$0	\$0
83	RT	6510	SDG&E	San Diego	13-Aug-12	131	No	INC	16	6:10	21:59	38.94	\$56,235	\$0	\$39,717	0	(\$6)	\$0	\$0	\$0	\$0
84	RT	6510	SDG&E	San Diego	14-Aug-12	68- 131	No	INC	16	6:00	21:59	361.87	\$23,801	\$0	(\$53,117)	0	(\$3)	\$0	\$0	\$0	\$0
85	RT	6510	SDG&E	San Diego	15-Aug-12	131	No	INC	15	7:00	21:59	-349.31	\$0	\$0	\$8,106	0	(\$3)	\$0	\$0	\$0	\$0
86	RT	6510	SDG&E	San Diego	16-Aug-12	68- 131	No	INC	16	6:00	21:59	-71.77	\$16,268	\$0	(\$31,930)	0	(\$3)	\$0	\$0	\$0	\$0
87	RT	6510	SDG&E	San Diego	17-Aug-12	68- 131	No	INC	16	6:00	21:59	364.18	\$28,162	\$0	(\$58,806)	0	(\$3)	\$0	\$0	\$0	\$0
88	RT	6510	SDG&E	San Diego	18-Aug-12	68- 151	No	INC	16	6:35	21:59	882.19	\$11,895	\$0	(\$264,713)	0	(\$6)	\$0	\$0	\$0	\$0
89	RT	6510	SDG&E	San Diego	20-Aug-12	68	No	INC	15	7:00	21:59	-1031.51	\$3,170	\$0	\$118,212	0	(\$2)	\$0	\$0	\$0	\$0
90	RT	6510	SDG&E	San Diego	21-Aug-12	68- 131	No	INC	14	7:00	20:59	-956.04	\$15,208	\$0	\$21,932	0	(\$3)	\$0	\$0	\$0	\$0
91	RT	6510	SDG&E	San Diego	23-Aug-12	131	No	INC	10	10:00	19:59	563.63	\$43,954	\$0	(\$16,431)	0	(\$2)	\$0	\$0	\$0	\$0
92	RT	6510	SDG&E	San Diego	24-Aug-12	131	No	INC	14	8:30	21:59	1251.65	\$79,093	\$0	(\$116,727)	0	(\$11)	\$0	\$0	\$0	\$0
93	RT	6510	SDG&E	San Diego	27-Aug-12	68	No	INC	10	11:00	20:59	95.61	\$4,412	\$0	(\$3,252)	0	\$0	\$0	\$0	\$0	\$0
94	RT	6510	SDG&E	San Diego	28-Aug-12	63	No	INC	13	8:45	20:59	125.66	\$2,181	\$0	(\$8,358)	0	(\$9)	\$0	\$0	\$0	\$0
95	RT	6510	SDG&E	San Diego	29-Aug-12	131	No	INC	11	11:05	21:59	-333.05	\$0	\$0	\$12,381	0	(\$1)	\$0	\$0	\$0	\$0
96	RT	6510	SDG&E	San Diego	30-Aug-12	132	No	INC	16	6:35	21:59	-103.03	\$29,566	\$0	(\$31)	7	(\$273)	\$0	\$0	\$0	\$0
97	RT	6510	SDG&E	San Diego	31-Aug-12	68- 132	No	INC	15	6:50	20:59	-2624.50	\$9,552	\$0	\$140,989	(1,982)	(\$2)	\$35,474	\$0	\$0	\$0
98	RT	7110	PG&E	Humboldt	6-Aug-12	32- 80	No	INC	4	16:10	19:59	14.24	\$1,826	\$0	(\$525)	(19)	(\$46)	\$531	\$0	(\$514)	\$0
99	RT	7110	PG&E	Humboldt	7-Aug-12	32	No	INC	6	15:08	20:59	-42.16	\$152	\$0	\$1,097	(30)	\$0	\$786	\$0	(\$760)	\$0
100	RT	7110	PG&E	Humboldt	8-Aug-12	16	No	INC	2	19:00	20:14	50.13	\$1,216	\$0	\$1,495	4	(\$89)	\$0	\$0	(\$60)	\$0
101	RT	7110	PG&E	Humboldt	17-Aug-12	15- 45	No	INC	16	8:17	23:59	16.60	\$0	\$0	(\$396)	8	(\$190)	\$0	\$0	(\$22)	\$0
102	RT	7230	PG&E	Sierra	2-Aug-12	23- 49	No	DEC	5	17:05	21:59	-238.19	\$0	\$0	\$151,272	(187)	\$0	\$150,319	\$0	(\$118,056)	\$0
103	RT	7230	PG&E	Sierra	2-Aug-12	5- 19	No	INC	5	17:20	21:59	34.39	\$0	\$0	(\$41,137)	0	\$0	\$0	\$0	\$0	\$0
104	RT	7230	PG&E	Sierra	7-Aug-12	59- 67	Yes	DEC	5	18:30	22:59	-327.67	\$0	\$0	\$32,029	(227)	\$0	\$27,597	\$0	(\$22,992)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
105	RT	7230	PG&E	Sierra	7-Aug-12	1	Yes	INC	5	18:55	22:59	0.61	\$0	\$0	(\$15)	0	\$0	\$0	\$0	\$0	\$0
106	RT	7230	PG&E	Sierra	8-Aug-12	33- 55	Yes	DEC	9	15:19	23:59	-420.50	\$0	\$0	\$107,356	(408)	\$0	\$106,673	\$0	(\$97,936)	\$0
107	RT	7230	PG&E	Sierra	8-Aug-12	45	No	INC	2	22:00	23:59	-4.06	\$0	\$0	\$86	0	\$0	\$0	\$0	\$0	\$0
108	RT	7230	PG&E	Sierra	9-Aug-12	58- 78	No	DEC	8	15:24	22:59	-496.70	\$0	\$0	\$474,807	(480)	\$0	\$468,348	\$0	(\$413,090)	\$0
109	RT	7230	PG&E	Sierra	9-Aug-12	40	No	INC	5	18:30	22:59	-3.64	\$0	\$0	\$109	0	\$0	\$0	\$0	\$0	\$0
110	RT	7230	PG&E	Sierra	10-Aug-12	58- 88	No	DEC	7	15:00	21:59	-581.88	\$0	\$0	\$799,495	(580)	\$0	\$797,954	\$0	(\$772,203)	\$0
111	RT	7230	PG&E	Sierra	11-Aug-12	3- 48	No	DEC	10	13:55	22:59	-419.81	\$0	\$0	\$429,680	(412)	\$0	\$422,526	\$0	(\$400,439)	\$0
112	RT	7230	PG&E	Sierra	11-Aug-12	50	No	INC	5	18:15	22:59	-3.59	\$0	\$0	\$95	0	\$0	\$0	\$0	\$0	\$0
113	RT	7230	PG&E	Sierra	13-Aug-12	0- 107	No	DEC	9	14:12	22:59	-1517.42	\$0	\$0	\$1,086,151	(1,467)	\$0	\$1,041,436	\$0	(\$1,002,447)	\$0
114	RT	7230	PG&E	Sierra	13-Aug-12	0	No	INC	8	15:10	22:59	-0.37	\$0	\$0	\$12	0	\$0	\$0	\$0	\$0	\$0
115	RT	7230	PG&E	Sierra	14-Aug-12	30- 50	No	DEC	11	11:19	21:59	-552.19	\$0	\$0	\$253,117	(493)	\$0	\$244,664	\$0	(\$231,459)	\$0
116	RT	7240	PG&E	Sierra	9-Aug-12	8	No	INC	4	16:25	19:59	40.54	\$0	\$0	(\$34,954)	39	(\$33,884)	\$0	\$0	\$0	\$0
117	RT	7320	PG&E	Bay Area	30-Aug-12	0	Yes	DEC	7	8:30	14:59	1.86	\$0	\$0	(\$55)	0	\$0	\$0	\$0	\$0	\$0
118	RT	7320	PG&E	Bay Area	30-Aug-12	19- 46	Yes	INC	15	8:30	22:59	353.41	\$11,806	\$502	(\$10,844)	109	(\$3,688)	\$0	\$0	(\$454)	\$0
119	RT	7410	PG&E	Stockton	9-Aug-12	19- 40	No	INC	2	18:25	19:59	56.97	\$0	\$0	(\$22,436)	47	(\$18,366)	\$0	\$0	\$0	\$0
120	RT	7410	PG&E	Stockton	10-Aug-12	6- 20	Yes	DEC	6	14:35	19:59	-68.74	\$0	\$0	\$27,857	0	\$0	\$0	\$0	\$0	\$0
121	RT	7410	PG&E	Stockton	10-Aug-12	15- 50	Yes	INC	6	14:35	19:59	126.84	\$0	\$0	(\$45,874)	16	(\$1,975)	\$0	\$0	\$0	\$0
122	RT	7410	PG&E	Stockton	14-Aug-12	15- 29	No	INC	3	16:14	18:37	0.15	\$0	\$0	(\$45)	0	(\$53)	\$0	\$0	\$0	\$0
123	RT	7430	PG&E	Fresno	1-Aug-12	382	Yes	INC	23	0:00	22:44	715.60	\$8,816	\$278	(\$19,488)	0	\$0	\$0	\$0	\$0	\$0
124	RT	7430	PG&E	Fresno	2-Aug-12	380- 430	Yes	DEC	4	18:20	21:59	-202.69	\$0	\$0	\$4,291	0	\$0	\$0	\$0	\$0	\$0
125	RT	7430	PG&E	Fresno	2-Aug-12	100- 425	Yes	INC	5	19:55	23:59	944.81	\$15,529	\$0	(\$20,500)	331	(\$5,922)	\$0	\$0	(\$2,938)	\$0
126	RT	7430	PG&E	Fresno	3-Aug-12	14- 190	Yes	DEC	5	19:25	23:54	-156.48	\$0	\$0	\$3,111	0	\$0	\$0	\$0	\$0	\$0
127	RT	7430	PG&E	Fresno	3-Aug-12	83- 225	Yes	INC	2	20:00	21:59	505.65	\$13,543	\$0	(\$11,651)	188	(\$4,382)	\$0	\$0	(\$569)	\$0
128	RT	7430	PG&E	Fresno	4-Aug-12	50- 420	Yes	DEC	12	10:27	21:59	-2399.29	\$0	\$0	\$48,019	0	\$0	\$0	\$0	\$0	\$0
129	RT	7430	PG&E	Fresno	4-Aug-12	300	Yes	INC	15	8:50	22:59	776.61	\$11,348	\$0	(\$14,791)	269	(\$5,134)	\$0	\$0	(\$1,802)	\$0
130	RT	7430	PG&E	Fresno	7-Aug-12	5	No	DEC	13	10:30	22:59	-99.73	\$0	\$0	\$2,828	(59)	\$0	\$1,630	\$0	(\$1,587)	\$0
131	RT	7430	PG&E	Fresno	7-Aug-12	25	No	INC	21	2:10	22:59	25.04	\$0	\$0	(\$612)	0	\$0	\$0	\$0	\$0	\$0
132	RT	7430	PG&E	Fresno	11-Aug-12	115- 257	Yes	DEC	3	10:25	12:59	-440.59	\$0	\$0	\$12,393	0	\$0	\$0	\$0	\$0	\$0
133	RT	7430	PG&E	Fresno	11-Aug-12	83	Yes	INC	14	10:19	23:10	220.17	\$0	\$0	(\$6,122)	0	\$0	\$0	\$0	\$0	\$0
134	RT	7430	PG&E	Fresno	12-Aug-12	120	No	INC	1	6:11	6:35	49.27	\$0	\$0	(\$1,169)	44	(\$1,047)	\$0	\$0	(\$40)	\$0
135	RT	7430	PG&E	Fresno	14-Aug-12	46	Yes	INC	23	1:10	23:59	76.67	\$2,867	\$0	(\$1,150)	0	\$0	\$0	\$0	\$0	\$0
136	RT	7430	PG&E	Fresno	15-Aug-12	15- 537	Yes	DEC	9	15:20	23:59	-2358.42	\$0	\$0	\$49,447	0	\$0	\$0	\$0	\$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
137	RT	7430	PG&E	Fresno	15-Aug-12	220	Yes	INC	24	0:00	23:59	654.40	\$9,182	\$0	(\$9,420)	617	(\$11,305)	\$0	\$0	(\$13,216)	\$0
138	RT	7430	PG&E	Fresno	16-Aug-12	410	Yes	INC	24	0:00	23:59	1804.68	\$35,812	\$1,091	(\$31,490)	848	(\$13,627)	\$0	\$0	(\$19,728)	\$0
139	RT	7430	PG&E	Fresno	17-Aug-12	20- 70	Yes	DEC	2	21:20	22:59	-16.25	\$0	\$0	\$400	0	\$0	\$0	\$0	\$0	\$0
140	RT	7430	PG&E	Fresno	17-Aug-12	297	Yes	INC	24	0:00	23:59	1689.12	\$53,504	\$1,059	(\$38,971)	671	(\$13,857)	\$0	\$0	(\$8,141)	\$0
141	RT	7430	PG&E	Fresno	18-Aug-12	83- 221	No	INC	23	0:00	22:59	1421.04	\$35,306	\$0	(\$34,464)	518	(\$12,784)	\$0	\$0	(\$7,928)	\$0
142	RT	7430	PG&E	Fresno	19-Aug-12	20- 104	Yes	DEC	9	12:10	20:59	-71.05	\$0	\$0	\$2,016	59	(\$1,548)	\$0	\$0	(\$380)	\$0
143	RT	7430	PG&E	Fresno	19-Aug-12	300	Yes	INC	16	8:19	23:59	2128.37	\$38,577	\$1,417	(\$56,945)	1,096	(\$22,681)	\$0	\$0	(\$9,663)	\$0
144	RT	7430	PG&E	Fresno	20-Aug-12	40- 180	Yes	DEC	10	12:45	21:59	-733.80	\$0	\$0	\$23,069	0	\$0	\$0	\$0	\$0	\$0
145	RT	7430	PG&E	Fresno	20-Aug-12	175	Yes	INC	24	0:00	23:58	817.18	\$18,342	\$1,273	(\$23,580)	45	(\$1,026)	\$0	\$0	(\$168)	\$0
146	RT	7430	PG&E	Fresno	21-Aug-12	50- 190	Yes	DEC	8	15:40	22:59	-641.68	\$0	\$0	\$15,170	0	\$0	\$0	\$0	\$0	\$0
147	RT	7430	PG&E	Fresno	21-Aug-12	200	Yes	INC	4	20:30	23:59	452.51	\$0	\$0	(\$10,068)	226	(\$5,074)	\$0	\$0	(\$1,113)	\$0
148	RT	7430	PG&E	Fresno	22-Aug-12	20	Yes	DEC	1	19:20	19:59	9.58	\$0	\$0	(\$226)	8	(\$175)	\$0	\$0	(\$55)	\$0
149	RT	7430	PG&E	Fresno	22-Aug-12	280	Yes	INC	14	10:58	23:59	1570.69	\$49,527	\$2,000	(\$33,919)	857	(\$18,676)	\$0	\$0	(\$7,097)	\$0
150	RT	7430	PG&E	Fresno	23-Aug-12	15	Yes	DEC	4	19:10	22:59	-4.55	\$0	\$0	\$187	0	\$0	\$0	\$0	\$0	\$0
151	RT	7430	PG&E	Fresno	23-Aug-12	19- 250	Yes	INC	23	0:00	22:59	1336.49	\$7,379	\$0	(\$30,916)	611	(\$14,229)	\$0	\$0	(\$3,959)	\$0
152	RT	7430	PG&E	Fresno	24-Aug-12	60- 80	Yes	DEC	3	13:50	15:59	-121.25	\$0	\$0	\$3,047	0	\$0	\$0	\$0	\$0	\$0
153	RT	7430	PG&E	Fresno	24-Aug-12	150	Yes	INC	19	4:15	22:59	572.56	\$28,183	\$1,125	(\$12,740)	113	(\$2,547)	\$0	\$0	(\$654)	\$0
154	RT	7430	PG&E	Fresno	25-Aug-12	14- 70	Yes	DEC	5	12:24	16:39	-84.92	\$0	\$0	\$1,848	0	\$0	\$0	\$0	\$0	\$0
155	RT	7430	PG&E	Fresno	25-Aug-12	70- 350	Yes	INC	11	12:45	22:59	1343.88	\$26,968	\$1,500	(\$73,699)	554	(\$12,562)	\$0	\$0	(\$5,553)	\$0
156	RT	7430	PG&E	Fresno	26-Aug-12	10- 250	Yes	INC	9	15:30	23:29	1539.24	\$33,561	\$0	(\$37,505)	783	(\$16,391)	\$0	\$0	(\$6,784)	\$0
157	RT	7430	PG&E	Fresno	30-Aug-12	25- 120	Yes	DEC	7	17:20	23:59	-350.31	\$0	\$0	\$8,741	0	\$0	\$0	\$0	\$0	\$0
158	RT	7430	PG&E	Fresno	30-Aug-12	14- 400	Yes	INC	22	2:12	23:59	1148.57	\$17,069	\$1,429	(\$24,047)	782	(\$16,101)	\$0	\$0	(\$10,376)	\$0
159	RT	7430	PG&E	Fresno	31-Aug-12	3- 22	Yes	DEC	12	12:30	23:59	-68.26	\$0	\$0	\$1,172	16	(\$257)	\$0	\$0	(\$249)	\$0
160	RT	7430	PG&E	Fresno	31-Aug-12	20- 115	Yes	INC	24	0:20	23:06	546.83	\$12,080	\$0	(\$9,069)	527	(\$8,713)	\$0	\$0	(\$8,318)	\$0
161	RT	7430	SCE	N/A	29-Aug-12	26- 33	No	DEC	7	15:30	21:59	-246.71	\$0	\$0	\$7,028	(121)	\$0	\$3,658	\$0	(\$433)	\$0
162	RT	7430	SCE	N/A	29-Aug-12	40	No	INC	7	15:30	21:59	15.39	\$0	\$0	(\$609)	0	\$0	\$0	\$0	\$0	\$0
163	RT	7570	SCE	LA Basin	8-Aug-12	836	No	INC	1	10:24	10:59	-38.90	\$0	\$0	\$1,029	7	(\$167)	\$0	(\$126)	\$0	\$0
164	RT	7570	SCE	N/A	8-Aug-12	181	No	DEC	1	10:22	10:35	-8.10	\$0	\$0	\$148	(4)	\$0	\$57	\$0	\$0	\$0
165	RT	7720	SCE	N/A	13-Aug-12	26- 72	No	DEC	13	9:50	21:59	-814.40	\$0	\$0	\$134,033	(768)	\$0	\$133,818	\$0	(\$110,072)	\$0
166	RT	7720	SCE	N/A	14-Aug-12	25- 72	No	DEC	10	10:05	19:59	-554.93	\$0	\$0	\$57,362	(432)	\$0	\$53,514	\$0	(\$41,026)	\$0
167	RT	7720	SCE	N/A	14-Aug-12	28- 40	No	INC	4	10:05	13:59	7.33	\$0	\$0	(\$156)	0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
168	RT	7720	SCE	N/A	18-Aug-12	1- 18	No	DEC	6	14:05	19:59	-362.21	\$0	\$0	\$9,239	(2)	\$0	\$56	\$0	(\$4)	\$0
169	RT	7720	SCE	N/A	29-Aug-12	11- 18	No	DEC	3	13:05	15:59	-109.05	\$0	\$0	\$2,680	(30)	\$0	\$935	\$0	(\$124)	\$0
170	RT	8710	SDG&E	San Diego	17-Aug-12	20	Yes	INC	24	0:00	23:59	790.61	\$35,234	\$0	(\$157,193)	0	\$0	\$0	\$0	\$0	\$0
171	RT	8710	SDG&E	San Diego	19-Aug-12	131	No	INC	9	11:10	19:59	62.10	\$38,553	\$0	(\$69,020)	0	(\$1)	\$0	\$0	\$0	\$0
172	RT	8710	SDG&E	San Diego	25-Aug-12	40	No	INC	24	0:00	23:59	2054.54	\$152,347	\$0	(\$50,996)	11	(\$409)	\$0	(\$3)	\$0	\$0
173	RT	8710	SDG&E	San Diego	26-Aug-12	20	No	INC	24	0:00	23:59	1782.04	\$67,947	\$0	(\$748,424)	0	(\$3)	\$0	(\$1)	\$0	\$0
174	RT	8710	SDG&E	San Diego	27-Aug-12	20	Yes	INC	24	0:00	23:59	725.31	\$35,234	\$0	(\$65,441)	0	(\$4)	\$0	(\$4)	\$0	\$0
175	RT	8710	SDG&E	San Diego	31-Aug-12	60	Yes	INC	24	0:00	23:59	2604.51	\$109,690	\$0	(\$370,147)	0	\$0	\$0	\$0	\$0	\$0
176	RT	Bridging Schedules	PG&E	Bay Area	11-Aug-12	45	Yes	INC	2	22:00	23:59	129.03	\$5,320	\$0	(\$3,619)	0	\$0	\$0	\$0	\$0	\$0
177	RT	Bridging Schedules	PG&E	Bay Area	13-Aug-12	45	Yes	INC	2	22:00	23:59	94.91	\$5,320	\$0	(\$2,631)	0	\$0	\$0	\$0	\$0	\$0
178	RT	Bridging Schedules	PG&E	Bay Area	14-Aug-12	130- 220	Yes	INC	3	21:00	23:59	967.36	\$56,932	\$0	(\$24,126)	345	(\$12,058)	\$0	\$0	\$0	\$0
179	RT	Bridging Schedules	PG&E	Bay Area	15-Aug-12	45- 135	Yes	INC	4	20:00	23:59	377.24	\$27,766	\$0	(\$3,922)	0	\$0	\$0	\$0	\$0	\$0
180	RT	Bridging Schedules	PG&E	Bay Area	16-Aug-12	45- 220	Yes	INC	5	19:00	23:59	1026.42	\$61,187	\$0	(\$21,369)	0	\$0	\$0	\$0	\$0	\$0
181	RT	Bridging Schedules	PG&E	N/A	1-Aug-12	52	No	INC	4	20:00	23:59	332.77	\$14,378	\$0	(\$7,171)	0	\$0	\$0	\$0	\$0	\$0
182	RT	Bridging Schedules	SCE	Big Creek-Ventura	14-Aug-12	50	Yes	INC	4	20:00	23:59	272.40	\$34,228	\$0	(\$6,382)	0	\$0	\$0	\$0	\$0	\$0
183	RT	Bridging Schedules	SCE	LA Basin	8-Aug-12	10- 120	Yes	INC	6	18:00	23:59	1914.49	\$63,724	\$0	(\$438,363)	1,016	(\$38,298)	\$0	\$0	\$0	\$0
184	RT	Bridging Schedules	SCE	LA Basin	9-Aug-12	10- 140	Yes	INC	6	18:00	23:59	1074.61	\$69,651	\$0	(\$67,826)	329	(\$12,239)	\$0	\$0	\$0	\$0
185	RT	Bridging Schedules	SCE	LA Basin	13-Aug-12	20- 90	Yes	INC	24	0:00	23:59	1674.69	\$66,290	\$0	(\$325,361)	848	(\$32,142)	\$0	\$0	\$0	\$0
186	RT	Bridging Schedules	SCE	LA Basin	14-Aug-12	10- 130	Yes	INC	23	1:00	23:59	1057.28	\$85,795	\$0	(\$179,537)	220	(\$113,945)	\$0	\$0	\$0	\$0
187	RT	Bridging Schedules	SCE	LA Basin	15-Aug-12	10	Yes	INC	4	20:00	23:59	71.85	\$12,384	\$0	(\$866)	0	\$0	\$0	\$0	\$0	\$0
188	RT	Bridging Schedules	SCE	LA Basin	19-Aug-12	40- 110	Yes	INC	3	21:00	23:59	462.38	\$6,906	\$0	(\$8,657)	0	\$0	\$0	\$0	\$0	\$0
189	RT	Bridging Schedules	SCE	LA Basin	20-Aug-12	25	Yes	INC	4	20:00	23:59	100.33	\$13,456	\$0	(\$2,219)	0	\$0	\$0	\$0	\$0	\$0
190	RT	Bridging Schedules	SCE	LA Basin	21-Aug-12	20- 40	Yes	INC	4	20:00	23:59	147.41	\$9,478	\$0	(\$3,254)	0	\$0	\$0	\$0	\$0	\$0
191	RT	Bridging Schedules	SCE	LA Basin	22-Aug-12	20- 45	Yes	INC	3	21:00	23:59	105.75	\$13,837	\$0	(\$2,367)	0	\$0	\$0	\$0	\$0	\$0
192	RT	Bridging Schedules	SCE	LA Basin	23-Aug-12	25	Yes	INC	2	22:00	23:59	48.96	\$6,34	\$0	(\$1,022)	0	\$0	\$0	\$0	\$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
													5								
193	RT	Bridging Schedules	SCE	LA Basin	28-Aug-12	315	No	DEC	1	20:50	20:59	-0.57	\$0	\$0	\$16	0	\$0	\$0	\$0	\$0	\$0
194	RT	Bridging Schedules	SCE	LA Basin	28-Aug-12	20- 40	Yes	INC	3	21:00	23:59	284.86	\$8,688	\$0	(\$160,693)	0	\$0	\$0	\$0	\$0	\$0
195	RT	Bridging Schedules	SCE	LA Basin	29-Aug-12	25- 45	Yes	INC	4	20:00	23:59	350.75	\$13,456	\$0	(\$13,412)	0	(\$2)	\$0	(\$0)	\$0	\$0
196	RT	Bridging Schedules	SCE	LA Basin	30-Aug-12	40	No	INC	2	22:00	23:59	75.54	\$0	\$0	(\$1,526)	0	(\$1)	\$0	\$0	\$0	\$0
197	RT	Bridging Schedules	SDG&E	San Diego	11-Aug-12	20	Yes	INC	3	21:00	23:59	66.21	\$4,404	\$0	(\$1,753)	0	\$0	\$0	\$0	\$0	\$0
198	RT	Bridging Schedules	SDG&E	San Diego	12-Aug-12	20	Yes	INC	12	0:00	11:59	241.81	\$18,054	\$0	(\$6,088)	0	\$0	\$0	\$0	\$0	\$0
199	RT	Bridging Schedules	SDG&E	San Diego	14-Aug-12	20- 60	No	INC	5	19:00	23:59	400.04	\$0	\$0	(\$10,532)	0	\$0	\$0	\$0	\$0	\$0
200	RT	Bridging Schedules	SDG&E	San Diego	15-Aug-12	20- 60	No	INC	4	20:00	23:59	191.69	\$0	\$0	(\$2,317)	0	\$0	\$0	\$0	\$0	\$0
201	RT	Bridging Schedules	SDG&E	San Diego	16-Aug-12	20- 60	Yes	INC	5	19:00	23:59	236.86	\$17,945	\$0	(\$5,023)	0	\$0	\$0	\$0	\$0	\$0
202	RT	Bridging Schedules	SDG&E	San Diego	17-Aug-12	20	No	INC	4	20:00	23:59	79.30	\$7,989	\$0	(\$2,546)	0	(\$1)	\$0	\$0	\$0	\$0
203	RT	Bridging Schedules	SDG&E	San Diego	18-Aug-12	20	No	INC	9	0:00	8:59	179.32	\$17,976	\$0	(\$3,961)	0	(\$3)	\$0	\$0	\$0	\$0
204	RT	Bridging Schedules	SDG&E	San Diego	22-Aug-12	60	Yes	INC	5	19:00	23:59	293.50	\$7,523	\$0	(\$6,565)	0	\$0	\$0	\$0	\$0	\$0
205	RT	Bridging Schedules	SDG&E	San Diego	23-Aug-12	40	No	INC	6	18:00	23:59	243.54	\$0	\$0	(\$6,403)	0	\$0	\$0	\$0	\$0	\$0
206	RT	Bridging Schedules	SDG&E	San Diego	24-Aug-12	20- 60	Yes	INC	3	21:00	23:59	138.34	\$11,693	\$0	(\$3,092)	0	\$0	\$0	\$0	\$0	\$0
207	RT	Bridging Schedules	SDG&E	San Diego	28-Aug-12	20- 60	No	INC	5	19:00	23:59	260.13	\$0	\$0	(\$9,672)	0	\$0	\$0	\$0	\$0	\$0
208	RT	Bridging Schedules	SDG&E	San Diego	29-Aug-12	60	No	INC	3	21:00	23:59	240.79	\$0	\$0	(\$7,268)	0	(\$3)	\$0	\$0	\$0	\$0
209	RT	Bridging Schedules	SDG&E	San Diego	30-Aug-12	20- 40	Yes	INC	3	21:00	23:59	98.55	\$8,399	\$0	(\$2,004)	0	(\$2)	\$0	\$0	\$0	\$0
210	RT	COI Mitigation	PG&E	N/A	8-Aug-12	600	No	INC	1	12:15	12:59	33.09	\$0	\$0	(\$802)	49	(\$1,168)	\$0	(\$432)	\$0	\$0
211	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	6-Aug-12	660	No	INC	1	23:20	23:59	151.51	\$0	\$0	(\$2,871)	140	(\$2,646)	\$0	(\$1,651)	\$0	\$0
212	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	7-Aug-12	675- 725	No	INC	2	0:00	1:59	339.11	\$0	\$0	(\$4,838)	310	(\$4,178)	\$0	(\$4,885)	\$0	\$0
213	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	23-Aug-12	20- 40	Yes	INC	24	0:00	23:59	1319.30	\$101,733	\$0	(\$35,390)	0	(\$2)	\$0	\$0	\$0	\$0
214	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	24-Aug-12	40	Yes	INC	24	0:00	23:59	1626.41	\$114,006	\$0	(\$124,744)	0	(\$7)	\$0	\$0	\$0	\$0
215	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	30-Aug-12	40	Yes	INC	24	0:00	23:59	964.60	\$72,218	\$0	(\$22,575)	0	(\$11)	\$0	(\$6)	\$0	\$0
216	RT	Generation Outage	PG&E	Fresno	30-Aug-12	2	Yes	DEC	2	4:20	5:59	9.19	\$0	\$0	(\$237)	0	\$0	\$0	\$0	\$0	\$0
217	RT	Generation Outage	PG&E	Fresno	30-Aug-12	15- 51	Yes	INC	4	2:12	5:59	176.34	\$0	\$0	(\$4,289)	151	(\$3,655)	\$0	\$0	(\$76)	\$0
218	RT	Generation Outage	SCE	LA Basin	11-Aug-12	91	No	DEC	1	15:15	15:59	-68.25	\$0	\$0	\$0	(68)	\$0	\$0	\$0	\$0	\$0
219	RT	Intertie Emergency Assistance	Intertie	N/A	10-Aug-12	135- 170	No	INC	2	12:00	13:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
220	RT	Intertie Emergency Assistance	Intertie	N/A	20-Aug-12	160	No	INC	2	13:44	14:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
221	RT	Load Forecast Uncertainty	PG&E	Bay Area	9-Aug-12	45	Yes	INC	7	17:00	23:59	703.42	\$29,7	\$10,	(\$77,790)	0	\$0	\$0	\$0	\$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	
													85	908								
222	RT	Load Forecast Uncertainty	PG&E	Bay Area	10-Aug-12	45	Yes	INC	13	11:00	23:59	1425.36	\$55,315	\$0	(\$172,738)	0	\$0	\$0	\$0	\$0	\$0	\$0
223	RT	Load Forecast Uncertainty	PG&E	Bay Area	15-Aug-12	85	Yes	INC	24	0:00	23:59	4791.67	\$233,328	\$0	(\$137,372)	2,760	(\$96,731)	\$0	\$0	\$0	\$0	\$0
224	RT	Load Forecast Uncertainty	SCE	LA Basin	13-Aug-12	130	Yes	INC	2	14:00	15:59	363.40	\$15,541	\$0	(\$276,374)	120	(\$101,896)	\$0	\$0	\$0	\$0	\$0
225	RT	Load Forecast Uncertainty	SCE	LA Basin	14-Aug-12	110- 130	Yes	INC	24	0:00	23:59	11533.62	\$468,408	\$0	(\$1,309,451)	7,738	(\$530,153)	\$0	\$0	\$0	\$0	\$0
226	RT	Load Forecast Uncertainty	SCE	LA Basin	15-Aug-12	230	Yes	INC	24	0:00	23:59	12552.66	\$573,264	\$0	(\$767,919)	6,611	(\$240,265)	\$0	\$0	\$0	\$0	\$0
227	RT	Load Forecast Uncertainty	SCE	LA Basin	17-Aug-12	231	Yes	INC	24	0:00	23:59	6838.18	\$324,695	\$0	(\$489,060)	0	\$0	\$0	\$0	\$0	\$0	\$0
228	RT	Load Forecast Uncertainty	SCE	LA Basin	21-Aug-12	130- 155	Yes	INC	24	0:00	23:59	5023.35	\$289,032	\$0	(\$161,319)	1,562	(\$53,317)	\$0	(\$1,976)	\$0	\$0	\$0
229	RT	Load Forecast Uncertainty	SCE	LA Basin	27-Aug-12	130- 150	Yes	INC	24	0:00	23:59	6996.78	\$295,000	\$0	(\$733,206)	3,206	(\$222,483)	\$0	\$0	\$0	\$0	\$0
230	RT	Load Forecast Uncertainty	SCE	LA Basin	30-Aug-12	40	Yes	INC	24	0:00	23:59	5360.66	\$149,088	\$0	(\$177,725)	4,083	(\$143,097)	\$0	(\$143)	\$0	\$0	\$0
231	RT	Load Forecast Uncertainty	SCE	LA Basin	31-Aug-12	150	Yes	INC	24	0:00	23:59	5886.07	\$328,248	\$0	(\$214,328)	2,127	(\$107,338)	\$0	\$0	\$0	\$0	\$0
232	RT	Market Disruption	PG&E	Fresno	21-Aug-12	400	Yes	INC	2	11:16	12:59	609.44	\$0	\$0	(\$13,642)	424	(\$9,458)	\$0	(\$3,710)	\$0	\$0	\$0
233	RT	Market Disruption	SCE	LA Basin	21-Aug-12	300	Yes	INC	4	11:28	14:59	913.28	\$12,335	\$0	(\$20,979)	818	(\$18,728)	\$0	(\$25,786)	\$0	\$0	\$0
234	RT	Market disruption	PG&E	Fresno	21-Aug-12	120- 137	Yes	DEC	1	13:00	13:59	-237.83	\$0	\$0	\$5,543	0	\$0	\$0	\$0	\$0	\$0	\$0
235	RT	Market disruption	PG&E	Fresno	21-Aug-12	200	Yes	INC	1	12:25	12:59	139.79	\$0	\$0	(\$3,243)	63	(\$1,473)	\$0	(\$277)	\$0	\$0	\$0
236	RT	Over Generation	PG&E	Fresno	2-Aug-12	125- 250	Yes	INC	1	21:14	21:59	158.63	\$4,301	\$0	(\$6,320)	4	(\$90)	\$0	\$0	\$0	\$0	\$0
237	RT	Over Generation	PG&E	N/A	2-Aug-12	300	No	DEC	1	21:25	21:43	-79.49	\$0	\$0	\$1,762	(74)	\$0	\$1,681	\$0	\$0	\$0	\$0
238	RT	Ramp Rate	SCE	LA Basin	28-Aug-12	190	No	INC	4	14:20	17:59	499.87	\$0	\$0	(\$16,649)	427	(\$14,223)	\$0	(\$404,522)	\$0	\$0	\$0
239	RT	Ramp Rate	SDG&E	San Diego	25-Aug-12	132	No	INC	12	10:00	21:59	1574.08	\$102,700	\$0	(\$36,810)	11	(\$405)	\$0	\$0	\$0	\$0	\$0
240	RT	Risk Predictor	SCE	LA Basin	18-Aug-12	140	No	INC	24	0:00	23:59	5330.96	\$322,968	\$0	(\$295,046)	1,648	(\$86,207)	\$0	\$0	\$0	\$0	\$0
241	RT	Risk Predictor	SDG&E	San Diego	2-Aug-12	20	No	INC	24	0:00	23:59	1085.85	\$83,314	\$0	(\$23,216)	1	(\$37)	\$0	\$0	\$0	\$0	\$0
242	RT	SCE SOB 204	SCE	Big Creek-Ventura	1-Aug-12	100- 142	No	INC	2	20:10	21:29	221.56	\$0	\$0	(\$4,274)	207	(\$4,021)	\$0	\$0	(\$1,502)	\$0	
243	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Aug-12	10- 50	No	DEC	6	15:25	20:59	84.83	\$0	\$0	(\$1,718)	32	(\$630)	\$0	\$0	(\$94)	\$0	
244	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Aug-12	140	No	INC	7	15:00	21:59	644.52	\$0	\$0	\$5,233	400	\$4,861	\$0	\$0	(\$7,194)	\$0	
245	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Aug-12	15- 140	No	DEC	9	15:40	23:29	65.65	\$0	\$0	(\$1,978)	0	\$0	\$0	\$0	\$0	\$0	\$0
246	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Aug-12	35- 160	No	INC	8	15:40	22:59	972.45	\$0	\$0	(\$19,790)	763	(\$15,459)	\$0	\$0	(\$5,500)	\$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
247	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Aug-12	15- 35	No	DEC	2	21:55	22:59	17.41	\$0	\$0	(\$325)	4	(\$60)	\$0	\$0	(\$44)	\$0
248	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Aug-12	15- 185	No	INC	3	19:00	21:59	852.05	\$0	\$0	(\$15,541)	743	(\$13,517)	\$0	\$0	(\$6,964)	\$0
249	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Aug-12	5	No	DEC	1	21:40	21:59	14.74	\$0	\$0	(\$316)	5	(\$106)	\$0	\$0	(\$17)	\$0
250	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Aug-12	15	No	INC	1	21:20	21:59	37.29	\$0	\$0	(\$912)	10	(\$239)	\$0	\$0	(\$24)	\$0
251	RT	SCE SOB 204	SCE	Big Creek-Ventura	10-Aug-12	10- 127	No	DEC	2	12:30	13:59	-103.19	\$0	\$0	\$2,975	17	(\$621)	\$0	\$0	\$0	\$0
252	RT	SCE SOB 204	SCE	Big Creek-Ventura	10-Aug-12	20- 395	No	INC	11	13:45	23:29	2723.42	\$0	\$0	(\$249,996)	2,094	(\$66,882)	\$0	\$0	(\$8,020)	\$0
253	RT	SCE SOB 204	SCE	Big Creek-Ventura	11-Aug-12	5	No	DEC	1	23:50	23:59	0.26	\$0	\$0	(\$5)	1	(\$16)	\$0	\$0	(\$7)	\$0
254	RT	SCE SOB 204	SCE	Big Creek-Ventura	11-Aug-12	70- 345	No	INC	23	1:25	23:59	7533.09	\$0	\$0	(\$207,614)	6,563	(\$180,461)	\$0	\$0	(\$15,421)	\$0
255	RT	SCE SOB 204	SCE	Big Creek-Ventura	12-Aug-12	55- 160	No	DEC	21	0:00	20:59	-653.08	\$0	\$0	\$19,690	104	(\$3,516)	\$0	(\$144)	\$0	\$0
256	RT	SCE SOB 204	SCE	Big Creek-Ventura	12-Aug-12	75- 170	No	INC	4	20:06	23:59	521.04	\$0	\$0	(\$16,500)	513	(\$16,207)	\$0	\$0	(\$201)	\$0
257	RT	SCE SOB 204	SCE	Big Creek-Ventura	13-Aug-12	5- 15	No	DEC	5	7:10	11:59	147.05	\$0	\$0	(\$5,059)	24	(\$883)	\$0	\$0	\$0	\$0
258	RT	SCE SOB 204	SCE	Big Creek-Ventura	13-Aug-12	35- 260	No	INC	14	10:25	23:59	2296.85	\$0	\$0	(\$278,647)	1,597	(\$64,629)	\$0	\$0	(\$495)	\$0
259	RT	SCE SOB 204	SCE	Big Creek-Ventura	14-Aug-12	3- 235	No	INC	24	0:40	23:59	2868.81	\$0	\$0	(\$174,606)	1,705	(\$52,045)	\$0	\$0	(\$3,781)	\$0
260	RT	SCE SOB 204	SCE	Big Creek-Ventura	15-Aug-12	25- 140	No	DEC	9	7:20	15:59	-384.30	\$0	\$0	\$8,794	22	(\$532)	\$0	\$0	(\$64)	\$0
261	RT	SCE SOB 204	SCE	Big Creek-Ventura	15-Aug-12	10- 175	No	INC	13	11:25	23:29	417.41	\$0	\$0	(\$6,157)	458	(\$7,200)	\$0	\$0	(\$4,965)	\$0
262	RT	SCE SOB 204	SCE	Big Creek-Ventura	16-Aug-12	50- 79	No	DEC	3	14:35	16:59	-57.36	\$0	\$0	\$1,795	0	(\$3)	\$0	\$0	\$0	\$0
263	RT	SCE SOB 204	SCE	Big Creek-Ventura	16-Aug-12	175	No	INC	11	13:10	23:59	518.81	\$0	\$0	(\$12,218)	496	(\$11,530)	\$0	\$0	(\$1,541)	\$0
264	RT	SCE SOB 204	SCE	Big Creek-Ventura	17-Aug-12	10- 110	No	DEC	11	11:25	21:59	-164.43	\$0	\$0	\$334	0	\$0	\$0	\$0	\$0	\$0
265	RT	SCE SOB 204	SCE	Big Creek-Ventura	17-Aug-12	75	No	INC	10	12:50	21:59	236.58	\$0	\$0	(\$5,814)	220	(\$5,412)	\$0	\$0	(\$673)	\$0
266	RT	SCE SOB 204	SCE	Big Creek-Ventura	20-Aug-12	15- 30	No	DEC	5	17:00	21:59	305.32	\$0	\$0	(\$22,844)	0	\$0	\$0	\$0	\$0	\$0
267	RT	SCE SOB 204	SCE	Big Creek-Ventura	20-Aug-12	85	No	INC	5	17:00	21:59	185.10	\$0	\$0	(\$3,938)	81	(\$1,606)	\$0	\$0	(\$436)	\$0
268	RT	SCE SOB 204	SCE	Big Creek-Ventura	21-Aug-12	25	No	DEC	6	18:55	23:59	218.27	\$0	\$0	(\$4,672)	77	(\$1,632)	\$0	\$0	(\$326)	\$0
269	RT	SCE SOB 204	SCE	Big Creek-Ventura	21-Aug-12	125	No	INC	5	18:25	22:59	1503.00	\$0	\$0	(\$32,700)	936	(\$20,000)	\$0	\$0	(\$3,558)	\$0
270	RT	SCE SOB 204	SCE	Big Creek-	22-Aug-12	27	No	DEC	2	21:50	22:59	2.34	\$0	\$0	(\$41)	1	(\$13)	\$0	\$0	(\$7)	\$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
				Ventura																	
271	RT	SCE SOB 204	SCE	Big Creek-Ventura	22-Aug-12	23- 75	No	INC	3	20:15	22:59	559.31	\$0	\$0	(\$11,425)	242	(\$4,936)	\$0	\$0	(\$835)	\$0
272	RT	SCE SOB 204	SCE	Big Creek-Ventura	23-Aug-12	55- 157	No	DEC	7	10:00	16:59	235.81	\$0	\$0	(\$6,402)	15	(\$418)	\$0	\$0	\$0	\$0
273	RT	SCE SOB 204	SCE	Big Creek-Ventura	23-Aug-12	183- 285	No	INC	8	16:50	23:59	1640.40	\$0	\$0	(\$38,547)	1,596	(\$37,522)	\$0	\$0	(\$5,441)	\$0
274	RT	SCE SOB 204	SCE	Big Creek-Ventura	24-Aug-12	2- 77	No	DEC	23	1:30	23:59	-362.63	\$0	\$0	\$8,547	12	(\$277)	\$0	\$0	(\$47)	\$0
275	RT	SCE SOB 204	SCE	Big Creek-Ventura	24-Aug-12	3- 263	No	INC	22	1:30	22:24	1735.29	\$0	\$0	(\$38,854)	1,997	(\$44,743)	\$0	\$0	(\$7,702)	\$0
276	RT	SCE SOB 204	SCE	Big Creek-Ventura	25-Aug-12	49- 53	No	DEC	4	12:15	15:59	283.94	\$0	\$0	(\$7,092)	38	(\$886)	\$0	\$0	(\$48)	\$0
277	RT	SCE SOB 204	SCE	Big Creek-Ventura	25-Aug-12	5- 130	No	INC	10	12:15	21:59	1595.37	\$0	\$0	(\$36,341)	581	(\$12,568)	\$0	\$0	(\$2,780)	\$0
278	RT	SCE SOB 204	SCE	Big Creek-Ventura	28-Aug-12	27	No	DEC	4	17:00	20:59	461.79	\$0	\$0	(\$25,181)	0	\$0	\$0	\$0	\$0	\$0
279	RT	SCE SOB 204	SCE	Big Creek-Ventura	29-Aug-12	2	No	DEC	1	19:25	19:44	0.45	\$0	\$0	(\$12)	0	\$0	\$0	\$0	\$0	\$0
280	RT	SCE SOB 204	SCE	Big Creek-Ventura	29-Aug-12	23	No	INC	3	19:45	21:59	104.84	\$0	\$0	(\$4,138)	50	(\$1,649)	\$0	\$0	(\$22)	\$0
281	RT	SCE SOB 204	SCE	Big Creek-Ventura	30-Aug-12	50- 150	No	DEC	2	22:25	23:54	-20.63	\$0	\$0	\$351	0	\$0	\$0	\$0	\$0	\$0
282	RT	SCE SOB 204	SCE	Big Creek-Ventura	30-Aug-12	23- 223	No	INC	7	15:30	21:59	1514.90	\$0	\$0	(\$31,356)	1,337	(\$27,630)	\$0	\$0	(\$6,399)	\$0
283	RT	SP26 Capacity	SCE	LA Basin	7-Aug-12	330- 360	Yes	INC	24	0:00	23:59	11513.05	\$805,229	\$0	(\$450,232)	2,827	(\$102,892)	\$0	\$0	\$0	\$0
284	RT	SP26 Capacity	SCE	LA Basin	8-Aug-12	140- 160	Yes	INC	24	0:00	23:59	4905.55	\$403,970	\$15,290	(\$224,090)	1,164	(\$55,477)	\$0	\$0	\$0	\$0
285	RT	SP26 Capacity	SCE	LA Basin	9-Aug-12	130	Yes	INC	24	0:00	23:59	10662.83	\$438,216	\$0	(\$1,241,805)	7,012	(\$563,906)	\$0	\$0	\$0	\$0
286	RT	SP26 Capacity	SCE	LA Basin	30-Aug-12	380	Yes	INC	13	9:00	21:59	4602.78	\$80,756	\$0	(\$156,433)	4,083	(\$143,091)	\$0	\$0	\$0	\$0
287	RT	SP26 Capacity	SCE	LA Basin	31-Aug-12	190	Yes	INC	14	7:30	20:59	2397.07	\$44,766	\$0	(\$117,615)	2,127	(\$107,338)	\$0	\$0	\$0	\$0
288	RT	SP26 Capacity	SDG&E	San Diego	19-Aug-12	20- 80	Yes	INC	24	0:00	23:59	1475.17	\$101,976	\$0	(\$137,297)	0	(\$1)	\$0	\$0	\$0	\$0
289	RT	Software Limitation	PG&E	Fresno	1-Aug-12	589	Yes	DEC	1	5:00	5:59	-811.38	\$0	\$0	\$19,516	0	\$0	\$0	\$0	\$0	\$0
290	RT	Software Limitation	PG&E	Fresno	1-Aug-12	45	Yes	INC	6	0:00	5:59	249.94	\$1,646	\$0	(\$6,560)	227	(\$5,997)	\$0	\$0	(\$18,825)	\$0
291	RT	Software Limitation	PG&E	Fresno	3-Aug-12	0	Yes	INC	24	0:30	23:39	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
292	RT	Software Limitation	PG&E	Fresno	6-Aug-12	0	Yes	INC	23	1:15	23:59	3.83	\$0	\$0	(\$78)	0	\$0	\$0	\$0	\$0	\$0
293	RT	Software Limitation	PG&E	Fresno	7-Aug-12	0	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
294	RT	Software Limitation	PG&E	Fresno	8-Aug-12	0	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
295	RT	Software Limitation	PG&E	Fresno	9-Aug-12	0	Yes	INC	24	0:00	23:59	3.83	\$295	\$0	(\$92)	0	\$0	\$0	\$0	\$0	\$0
296	RT	Software Limitation	PG&E	Fresno	10-Aug-12	0	Yes	INC	2	0:00	1:04	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hours	Begin Time	End Time	Total MWH	Min Load cost	Start Up Cost	CC6470	ED_MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
297	RT	Software Limitation	PG&E	Fresno	11-Aug-12	0	Yes	INC	1	23:07	23:59	3.99	\$290	\$0	(\$123)	0	\$0	\$0	\$0	\$0	\$0
298	RT	Software Limitation	PG&E	Fresno	12-Aug-12	0	Yes	INC	2	0:00	1:29	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
299	RT	Software Limitation	PG&E	Fresno	13-Aug-12	0	Yes	INC	4	3:35	6:59	3.83	\$0	\$0	(\$93)	0	\$0	\$0	\$0	\$0	\$0
300	RT	Software Limitation	PG&E	Fresno	14-Aug-12	0	Yes	INC	3	1:15	3:24	3.83	\$0	\$0	(\$122)	0	\$0	\$0	\$0	\$0	\$0
301	RT	Software Limitation	PG&E	Fresno	15-Aug-12	0	Yes	INC	3	2:10	4:09	0.00	\$567	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
302	RT	Software Limitation	PG&E	Fresno	21-Aug-12	320	No	DEC	2	1:10	2:07	-253.33	\$0	\$0	\$6,838	0	\$0	\$0	\$0	\$0	\$0
303	RT	Software Limitation	PG&E	Fresno	21-Aug-12	0	No	INC	2	1:10	2:07	-13.33	\$0	\$0	\$342	0	\$0	\$0	\$0	\$0	\$0
304	RT	Software Limitation	PG&E	Fresno	22-Aug-12	83	Yes	INC	1	0:10	0:29	-72.33	\$2,460	\$0	\$2,388	0	\$0	\$0	\$0	\$0	\$0
305	RT	Software Limitation	PG&E	Fresno	24-Aug-12	0	No	INC	1	10:00	10:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
306	RT	Software Limitation	PG&E	Fresno	27-Aug-12	0	Yes	INC	2	19:46	20:29	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
307	RT	Software Limitation	PG&E	Fresno	28-Aug-12	0	Yes	INC	3	21:40	23:39	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
308	RT	Software Limitation	PG&E	Humboldt	11-Aug-12	13	No	INC	1	17:00	17:59	19.77	\$1,635	\$0	(\$352)	0	\$0	\$0	\$0	\$0	\$0
309	RT	Software Limitation	PG&E	N/A	4-Aug-12	0	Yes	INC	23	1:45	23:59	88.55	\$1,942	\$0	(\$1,783)	0	\$0	\$0	\$0	\$0	\$0
310	RT	Software Limitation	PG&E	N/A	5-Aug-12	0	Yes	INC	5	0:00	4:04	11.62	\$0	\$0	(\$260)	0	\$0	\$0	\$0	\$0	\$0
311	RT	Software Limitation	PG&E	N/A	9-Aug-12	0	Yes	INC	2	10:15	11:59	0.10	\$16	\$0	(\$1)	0	\$0	\$0	\$0	\$0	\$0
312	RT	Software Limitation	PG&E	N/A	11-Aug-12	0	Yes	INC	23	1:00	23:59	23.42	\$1,942	\$0	(\$441)	0	\$0	\$0	\$0	\$0	\$0
313	RT	Software Limitation	PG&E	N/A	12-Aug-12	0	Yes	INC	24	0:00	23:59	84.85	\$2,912	\$0	(\$2,032)	0	\$0	\$0	\$0	\$0	\$0
314	RT	Software Limitation	PG&E	N/A	13-Aug-12	0	No	INC	4	0:00	3:34	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
315	RT	Software Limitation	PG&E	Sierra	2-Aug-12	0	Yes	INC	2	22:55	23:54	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
316	RT	Software Limitation	PG&E	Sierra	9-Aug-12	1	No	DEC	2	14:16	15:20	-21.35	\$0	\$0	\$1,760	0	\$0	\$0	\$0	\$0	\$0
317	RT	Software Limitation	PG&E	Stockton	25-Aug-12	0	Yes	INC	2	19:15	20:14	5.55	\$0	\$0	(\$167)	0	\$0	\$0	\$0	\$0	\$0
318	RT	Software Limitation	SCE	Big Creek-Ventura	8-Aug-12	149	No	DEC	3	14:55	16:54	-309.90	\$0	\$0	\$1,199	(297)	\$0	\$676	\$0	\$0	\$0
319	RT	Software Limitation	SCE	Big Creek-Ventura	12-Aug-12	355	No	INC	1	0:05	0:12	15.04	\$0	\$0	(\$465)	36	(\$1,047)	\$0	(\$144)	\$0	\$0
320	RT	Software Limitation	SCE	Big Creek-Ventura	13-Aug-12	0	Yes	INC	2	21:55	22:24	0.85	\$328	\$34	(\$26)	0	\$0	\$0	\$0	\$0	\$0
321	RT	Software Limitation	SCE	Big Creek-Ventura	17-Aug-12	120	Yes	INC	4	20:00	23:59	636.72	\$52,911	\$0	(\$18,053)	0	\$0	\$0	\$0	\$0	\$0
322	RT	Software Limitation	SCE	Big Creek-Ventura	23-Aug-12	0	Yes	INC	1	2:10	2:39	0.00	\$328	\$110	(\$0)	0	\$0	\$0	\$0	\$0	\$0
323	RT	Software Limitation	SCE	LA Basin	3-Aug-12	0	Yes	INC	20	1:10	20:14	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
324	RT	Software Limitation	SCE	LA Basin	6-Aug-12	0	Yes	INC	3	19:55	21:19	7.65	\$0	\$0	(\$196)	0	\$0	\$0	\$0	\$0	\$0
325	RT	Software Limitation	SCE	LA Basin	7-Aug-12	0	Yes	INC	2	21:00	22:04	7.65	\$0	\$0	(\$189)	0	\$0	\$0	\$0	\$0	\$0
326	RT	Software Limitation	SCE	LA Basin	8-Aug-12	475	No	INC	1	0:00	0:47	-0.21	\$0	\$0	(\$36)	11	(\$260)	\$0	\$0	\$0	\$0
327	RT	Software Limitation	SCE	LA Basin	9-Aug-12	0	Yes	INC	2	21:55	22:54	7.65	\$0	\$0	(\$216)	0	\$0	\$0	\$0	\$0	\$0
328	RT	Software Limitation	SCE	LA Basin	10-Aug-12	0	Yes	INC	2	21:10	22:09	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
329	RT	Software Limitation	SCE	LA Basin	15-Aug-12	170	No	INC	21	1:50	21:59	3400.19	\$0	\$0	(\$74,586)	0	\$0	\$0	\$0	\$0	\$0
330	RT	Software Limitation	SCE	LA Basin	17-Aug-12	0	Yes	INC	2	19:15	20:14	7.73	\$0	\$0	(\$182)	0	\$0	\$0	\$0	\$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
331	RT	Software Limitation	SCE	LA Basin	18-Aug-12	40	No	INC	5	19:50	23:59	154.74	\$0	\$0	(\$3,563)	0	\$0	\$0	\$0	\$0	\$0
332	RT	Software Limitation	SCE	LA Basin	19-Aug-12	0	Yes	INC	2	19:25	20:24	11.56	\$0	\$0	(\$307)	0	\$0	\$0	\$0	\$0	\$0
333	RT	Software Limitation	SCE	LA Basin	20-Aug-12	0	Yes	INC	3	19:45	21:29	7.65	\$0	\$0	(\$203)	0	\$0	\$0	\$0	\$0	\$0
334	RT	Software Limitation	SCE	LA Basin	22-Aug-12	0	Yes	INC	3	21:40	23:59	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
335	RT	Software Limitation	SCE	LA Basin	23-Aug-12	0	Yes	INC	24	0:25	23:59	7.58	\$1,332	\$0	(\$187)	0	\$0	\$0	\$0	\$0	\$0
336	RT	Software Limitation	SCE	LA Basin	25-Aug-12	480	No	INC	2	20:20	21:59	-773.43	\$4,575	\$0	\$17,162	(194)	\$0	\$4,278	\$0	\$0	\$0
337	RT	Software Limitation	SCE	LA Basin	27-Aug-12	0	Yes	INC	2	21:05	22:04	0.00	\$0	\$0	(\$0)	0	\$0	\$0	\$0	\$0	\$0
338	RT	Software Limitation	SCE	LA Basin	28-Aug-12	0	Yes	INC	2	20:30	21:29	0.19	\$0	\$0	(\$5)	0	\$0	\$0	\$0	\$0	\$0
339	RT	Software Limitation	SCE	LA Basin	29-Aug-12	0	Yes	INC	1	22:00	22:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
340	RT	Software Limitation	SCE	LA Basin	30-Aug-12	46- 92	No	DEC	2	18:20	19:19	-74.75	\$0	\$0	\$1,675	(75)	\$0	\$1,672	\$0	\$0	\$0
341	RT	Software Limitation	SCE	LA Basin	30-Aug-12	0	No	INC	2	18:20	19:19	-1.92	\$0	\$0	\$43	0	\$0	\$0	\$0	\$0	\$0
342	RT	Software Limitation	SCE	N/A	7-Aug-12	19- 39	No	DEC	2	22:40	23:59	-45.46	\$0	\$0	\$95	(45)	\$0	\$67	\$0	\$0	\$0
343	RT	Software Limitation	SCE	N/A	16-Aug-12	420	No	DEC	3	16:06	18:59	-1066.25	\$0	\$0	(\$68)	(1,069)	\$0	\$0	\$0	\$0	\$0
344	RT	Software Limitation	SCE	N/A	16-Aug-12	70- 111	No	INC	6	10:30	15:59	305.62	\$0	\$0	(\$7,839)	0	\$0	\$0	\$0	\$0	\$0
345	RT	Software Limitation	SDG&E	San Diego	12-Aug-12	20	No	INC	2	13:30	14:59	-29.18	\$0	\$0	\$1,025	0	\$0	\$0	\$0	\$0	\$0
346	RT	Software Limitation	SDG&E	San Diego	13-Aug-12	0	Yes	INC	2	21:30	22:29	0.00	\$0	\$72	(\$0)	0	\$0	\$0	\$0	\$0	\$0
347	RT	Software Limitation	SDG&E	San Diego	27-Aug-12	45- 198	No	DEC	2	1:55	2:39	-132.15	\$0	\$0	(\$4,090)	(23)	\$0	(\$708)	\$0	\$0	\$0
348	RT	Software Limitation	SDG&E	San Diego	29-Aug-12	0	Yes	INC	2	18:55	19:54	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
349	RT	Software Limitation	SDG&E	San Diego	30-Aug-12	20	No	INC	1	21:00	21:19	21.01	\$666	\$0	(\$478)	0	\$0	\$0	\$0	\$0	\$0
350	RT	System Energy	Intertie	N/A	9-Aug-12	2	No	INC	1	20:00	20:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
351	RT	System Energy	Intertie	N/A	10-Aug-12	159	No	DEC	1	23:00	23:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
352	RT	System Reliability	SCE	LA Basin	16-Aug-12	80- 210	Yes	INC	24	0:00	23:59	7206.72	\$432,449	\$0	(\$411,712)	2,542	(\$105,297)	\$0	\$0	\$0	\$0
353	RT	Transmission Mitigation	PG&E	Fresno	9-Aug-12	30	No	DEC	2	14:02	15:59	-65.86	\$0	\$0	\$2,583	(55)	\$0	\$2,140	\$0	(\$1,806)	\$0
354	RT	Transmission Outage PG&E	PG&E	Fresno	1-Aug-12	32	No	INC	5	10:00	14:59	194.87	\$8,878	\$268	(\$6,362)	0	\$0	\$0	\$0	\$0	\$0
355	RT	Transmission Outage PG&E	PG&E	Fresno	2-Aug-12	32- 64	No	INC	15	9:15	23:59	709.98	\$28,910	\$263	(\$38,911)	10	(\$327)	\$0	\$0	(\$47)	\$0
356	RT	Transmission Outage PG&E	PG&E	Fresno	3-Aug-12	32- 64	No	INC	15	9:30	23:59	671.23	\$29,664	\$268	(\$23,525)	4	(\$152)	\$0	\$0	(\$35)	\$0
357	RT	Transmission Outage PG&E	PG&E	Fresno	4-Aug-12	32	No	INC	14	0:00	13:59	117.69	\$5,254	\$268	(\$2,467)	0	\$0	\$0	\$0	\$0	\$0
358	RT	Transmission Outage PG&E	PG&E	Fresno	5-Aug-12	32	No	INC	10	13:20	22:59	112.41	\$13,580	\$254	(\$2,518)	0	\$0	\$0	\$0	\$0	\$0
359	RT	Transmission Outage PG&E	PG&E	Fresno	6-Aug-12	32- 64	No	INC	13	11:10	23:29	375.75	\$18,822	\$375	(\$10,872)	0	\$0	\$0	\$0	\$0	\$0
360	RT	Transmission Outage PG&E	PG&E	Fresno	8-Aug-12	32- 64	No	INC	15	9:09	23:59	887.43	\$36,389	\$295	(\$46,880)	17	(\$562)	\$0	\$0	(\$111)	\$0
361	RT	Transmission Outage PG&E	PG&E	Fresno	9-Aug-12	32- 80	No	INC	17	7:40	23:59	1241.13	\$47,923	\$283	(\$141,942)	5	(\$187)	\$0	\$0	(\$28)	\$0
362	RT	Transmission Outage PG&E	PG&E	Fresno	10-Aug-12	32	No	INC	5	7:20	11:19	128.18	\$5,366	\$256	(\$3,382)	0	\$0	\$0	\$0	\$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
363	RT	Transmission Outage PG&E	PG&E	Fresno	11-Aug-12	32- 64	No	INC	16	8:15	23:59	397.86	\$22,356	\$312	(\$13,417)	17	(\$420)	\$0	\$0	(\$284)	\$0
364	RT	Transmission Outage PG&E	PG&E	Fresno	25-Aug-12	0	No	INC	1	8:30	8:59	146.67	\$0	\$0	(\$3,187)	0	\$0	\$0	\$0	\$0	\$0
365	RT	Transmission Outage PG&E	PG&E	Humboldt	7-Aug-12	29	No	INC	3	20:21	22:59	37.52	\$1,143	\$0	(\$234)	11	\$135	\$0	\$0	(\$146)	\$0
366	RT	Transmission Outage PG&E	PG&E	Humboldt	8-Aug-12	16	No	INC	5	6:10	10:59	74.28	\$2,014	\$115	(\$1,572)	16	(\$342)	\$0	\$0	(\$184)	\$0
367	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Aug-12	48	No	INC	7	12:47	18:29	-64.31	\$0	\$0	\$6,883	(29)	\$0	\$3,568	\$0	(\$3,740)	\$0
368	RT	Transmission Outage PG&E	PG&E	Humboldt	10-Aug-12	73	No	INC	2	14:31	15:59	-29.93	\$76	\$0	(\$11,750)	(13)	\$0	(\$4,812)	\$0	\$0	\$0
369	RT	Transmission Outage PG&E	PG&E	Humboldt	13-Aug-12	45	No	INC	13	6:00	18:59	-83.92	\$0	\$0	\$5,615	(78)	\$0	\$5,143	\$0	(\$5,819)	\$0
370	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Aug-12	16	No	INC	1	23:00	23:59	15.32	\$456	\$0	(\$245)	3	(\$55)	\$0	\$0	(\$52)	\$0
371	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Aug-12	16	No	INC	1	0:00	0:59	16.00	\$456	\$0	(\$329)	4	(\$72)	\$0	\$0	(\$43)	\$0
372	RT	Transmission Outage PG&E	PG&E	N/A	15-Aug-12	13- 16	No	DEC	6	17:14	22:59	-53.77	\$0	\$0	\$1,010	(48)	\$0	\$852	\$0	(\$4)	\$0
373	RT	Transmission Outage PG&E	PG&E	N/A	15-Aug-12	10- 52	No	INC	6	17:30	22:59	-13.47	\$0	\$0	\$295	0	\$0	\$0	\$0	\$0	\$0
374	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Aug-12	0	No	INC	1	14:00	14:31	-29.51	\$0	\$0	\$2,141	0	\$0	\$0	\$0	\$0	\$0
375	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Aug-12	43- 50	Yes	DEC	3	11:50	13:29	-66.15	\$0	\$0	\$18,651	(66)	\$0	\$18,651	\$0	(\$15,441)	\$0
376	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Aug-12	21	Yes	INC	3	11:50	13:29	-3.13	\$0	\$0	\$583	(1)	\$0	\$542	\$0	(\$490)	\$0
377	RT	Unit Testing	PG&E	Bay Area	14-Aug-12	200	Yes	INC	3	21:00	23:59	597.01	\$29,166	\$0	(\$17,135)	345	(\$12,058)	\$0	\$0	\$0	\$0
378	RT	Unit Testing	PG&E	Bay Area	15-Aug-12	200	Yes	INC	24	0:00	23:59	4791.67	\$233,328	\$0	(\$137,372)	2,760	(\$96,731)	\$0	\$0	\$0	\$0
379	RT	Unit Testing	PG&E	N/A	4-Aug-12	94- 100	No	INC	4	8:35	11:59	346.21	\$0	\$0	(\$6,891)	163	(\$3,231)	\$0	\$0	\$0	\$0
380	RT	Unit Testing	PG&E	N/A	22-Aug-12	98	Yes	INC	5	12:15	16:59	1086.65	\$0	\$0	(\$23,676)	43	(\$1,458)	\$0	\$0	\$0	\$0
381	RT	Unit Testing	PG&E	N/A	29-Aug-12	280	No	INC	7	15:15	21:59	1643.28	\$0	\$0	(\$54,877)	10	(\$353)	\$0	\$0	\$0	\$0
382	RT	Unit Testing	PG&E	N/A	30-Aug-12	280	No	INC	16	8:00	23:59	0.00	\$0	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0
383	RT	Voltage Support	PG&E	Fresno	1-Aug-12	64	No	INC	10	14:05	23:59	643.78	\$29,347	\$0	(\$18,109)	0	\$0	\$0	\$0	\$0	\$0
384	RT	Voltage Support	PG&E	Fresno	4-Aug-12	32- 80	No	INC	11	13:15	23:29	638.08	\$29,273	\$89	(\$12,630)	13	(\$256)	\$0	\$0	(\$153)	\$0
385	RT	Voltage Support	PG&E	Fresno	7-Aug-12	32- 64	No	INC	14	10:10	23:59	904.96	\$39,311	\$274	(\$26,870)	1	(\$38)	\$0	\$0	(\$0)	\$0
386	RT	Voltage Support	PG&E	Fresno	8-Aug-12	32	No	INC	1	0:00	0:59	32.01	\$1,465	\$0	(\$643)	0	(\$0)	\$0	\$0	(\$0)	\$0
387	RT	Voltage Support	PG&E	Fresno	9-Aug-12	32	No	INC	2	0:00	1:29	58.67	\$2,746	\$0	(\$896)	0	\$0	\$0	\$0	\$0	\$0
388	RT	Voltage Support	PG&E	Fresno	10-Aug-12	32- 64	No	INC	24	0:00	23:59	1068.62	\$40,186	\$12	(\$115,390)	4	(\$137)	\$0	\$0	(\$33)	\$0
389	RT	Voltage Support	PG&E	Fresno	11-Aug-12	32	No	INC	3	0:00	2:59	95.72	\$4,223	\$0	(\$2,321)	0	\$0	\$0	\$0	\$0	\$0
390	RT	Voltage Support	PG&E	Fresno	12-Aug-12	32	No	INC	24	0:00	23:59	-258.04	\$18,743	\$268	\$9,904	0	\$0	\$0	\$0	\$0	\$0
391	RT	Voltage Support	PG&E	Fresno	13-Aug-12	32- 64	No	INC	16	8:00	23:59	487.29	\$21,949	\$303	(\$33,993)	8	(\$299)	\$0	\$0	(\$57)	\$0
392	RT	Voltage Support	PG&E	Fresno	14-Aug-12	32- 64	No	INC	24	0:00	23:59	1163.77	\$48,706	\$286	(\$50,305)	0	(\$3)	\$0	\$0	(\$1)	\$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
393	RT	Voltage Support	PG&E	Fresno	15-Aug-12	32- 64	No	INC	24	0:00	23:59	1114.49	\$50,799	\$295	(\$22,854)	23	(\$494)	\$0	\$0	\$0	\$0
394	RT	Voltage Support	PG&E	Fresno	16-Aug-12	32- 64	No	INC	16	8:02	23:59	944.72	\$42,599	\$286	(\$23,419)	0	\$0	\$0	\$0	\$0	\$0
395	RT	Voltage Support	PG&E	Fresno	17-Aug-12	32- 84	No	INC	24	0:00	23:59	788.57	\$32,726	\$289	(\$19,315)	40	(\$789)	\$0	\$0	(\$719)	\$0
396	RT	Voltage Support	PG&E	Fresno	18-Aug-12	32- 84	No	INC	14	10:10	23:59	829.11	\$35,361	\$300	(\$20,946)	39	(\$876)	\$0	\$0	(\$689)	\$0
397	RT	Voltage Support	PG&E	Fresno	19-Aug-12	32	No	INC	10	13:10	22:59	526.18	\$22,180	\$268	(\$14,009)	0	\$0	\$0	\$0	\$0	\$0
398	RT	Voltage Support	PG&E	Fresno	20-Aug-12	32	No	INC	15	9:55	23:59	738.48	\$31,285	\$268	(\$22,140)	0	\$0	\$0	\$0	\$0	\$0
399	RT	Voltage Support	PG&E	Fresno	21-Aug-12	32- 64	No	INC	14	10:45	23:59	789.39	\$33,853	\$268	(\$18,683)	0	\$0	\$0	\$0	\$0	\$0
400	RT	Voltage Support	PG&E	Fresno	22-Aug-12	32- 64	No	INC	16	8:15	23:59	929.79	\$41,201	\$285	(\$20,917)	12	(\$250)	\$0	\$0	(\$168)	\$0
401	RT	Voltage Support	PG&E	Fresno	23-Aug-12	32- 64	No	INC	16	8:00	23:59	858.20	\$38,287	\$276	(\$22,138)	6	(\$128)	\$0	\$0	(\$80)	\$0
402	RT	Voltage Support	PG&E	Fresno	24-Aug-12	32- 84	No	INC	24	0:00	23:59	1103.24	\$40,145	\$290	(\$25,687)	201	(\$4,751)	\$0	\$0	(\$3,004)	\$0
403	RT	Voltage Support	PG&E	Fresno	25-Aug-12	32- 64	No	INC	23	0:00	22:59	733.47	\$31,404	\$281	(\$23,998)	10	(\$191)	\$0	\$0	(\$143)	\$0
404	RT	Voltage Support	PG&E	Fresno	26-Aug-12	32	No	INC	8	15:50	22:59	240.28	\$9,831	\$284	(\$5,625)	0	\$0	\$0	\$0	\$0	\$0
405	RT	Voltage Support	PG&E	Fresno	27-Aug-12	32	No	INC	11	13:27	23:59	264.28	\$11,235	\$0	(\$26,065)	0	\$0	\$0	\$0	\$0	\$0
406	RT	Voltage Support	PG&E	Fresno	28-Aug-12	32- 64	No	INC	14	10:40	23:24	684.92	\$27,971	\$268	(\$31,027)	0	\$0	\$0	\$0	\$0	\$0
407	RT	Voltage Support	PG&E	Fresno	29-Aug-12	32- 64	No	INC	14	10:00	23:54	834.74	\$34,819	\$268	(\$27,421)	0	(\$3)	\$0	\$0	(\$1)	\$0
408	RT	Voltage Support	PG&E	Fresno	30-Aug-12	32- 64	No	INC	15	9:40	23:59	297.10	\$18,998	\$0	(\$9,238)	0	(\$0)	\$0	\$0	(\$0)	\$0
409	RT	Voltage Support	PG&E	Fresno	31-Aug-12	32	No	INC	11	13:25	23:59	344.00	\$14,709	\$272	(\$5,917)	0	\$0	\$0	\$0	\$0	\$0
410	RT	Voltage Support	SCE	LA Basin	18-Aug-12	36- 72	No	INC	11	12:31	22:29	712.59	\$49,191	\$1,577	(\$32,702)	11	(\$386)	\$0	\$0	(\$88)	\$0
411	RT	Voltage Support	SCE	LA Basin	25-Aug-12	36	Yes	INC	4	13:10	16:59	182.78	\$0	\$0	(\$4,451)	4	(\$92)	\$0	\$0	\$0	\$0
412	RT	Weather	PG&E	Bay Area	11-Aug-12	45	Yes	INC	24	0:00	23:59	1677.42	\$102,120	\$0	(\$80,592)	0	\$0	\$0	\$0	\$0	\$0
413	RT	Weather	PG&E	Bay Area	12-Aug-12	45	Yes	INC	24	0:00	23:59	2122.41	\$63,840	\$0	(\$68,028)	0	\$0	\$0	\$0	\$0	\$0
414	RT	Weather	PG&E	Bay Area	13-Aug-12	85	No	INC	8	16:00	23:59	63.75	\$0	\$0	(\$1,590)	0	\$0	\$0	\$0	\$0	\$0
415	RT	Weather	SCE	LA Basin	10-Aug-12	0	No	INC	1	19:55	19:59	28.33	\$0	\$0	(\$1,083)	14	(\$542)	\$0	\$0	\$0	\$0
416	RT	Weather	SCE	LA Basin	11-Aug-12	80	Yes	INC	24	0:00	23:59	6430.10	\$399,816	\$0	(\$532,644)	4,198	(\$166,702)	\$0	\$0	\$0	\$0
417	RT	Weather	SCE	LA Basin	12-Aug-12	80	Yes	INC	24	0:00	23:59	6528.75	\$399,816	\$0	(\$550,695)	4,279	(\$164,260)	\$0	\$0	\$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
418	RT	Weather	SDG&E	San Diego	1-Aug-12	20	No	INC	10	0:00	9:59	175.03	\$15,035	\$0	(\$2,803)	0	(\$1)	\$0	(\$0)	\$0	\$0
419	RT	Weather	SDG&E	San Diego	11-Aug-12	40- 60	Yes	INC	24	0:00	23:59	1611.39	\$100,014	\$2,065	(\$48,459)	0	(\$2)	\$0	\$0	\$0	\$0
420	RT	Weather	SDG&E	San Diego	12-Aug-12	20	Yes	INC	24	0:00	23:59	492.19	\$35,234	\$0	(\$16,949)	0	\$0	\$0	\$0	\$0	\$0

## Appendix A: Explanation by Example

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,928 five-minute intervals in August, this resource was issued exceptional dispatch instructions in 2149 five-minute intervals. This resource was eligible to set the LMP in 1833 intervals. Resource calculated LMP was larger than the market LMP in 1637 of the 1833 intervals. In the 1637 intervals, the average increase in five minute LMP was \$10.92/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 \$10.92/MWh. Note that 1637 five minute intervals are approximately 18.33 percent of the total 8,928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8,928 five minute intervals, this resource was issued an exceptional dispatch instruction in 5328 five minute intervals. This resource was eligible to set the LMP in all 5328 intervals. Out of the 5328 intervals, resource calculated LMP was larger than the market LMP in 5255 intervals. In the 5255 intervals, the average increase in five minute LMP was \$897.66/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 \$897.66/MWh. The 5255 five minute intervals account for approximately 58.86 percent of the total 8,928 five minute intervals.

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	1-Aug-12	6	1	\$25.05	No	\$25.50	\$0.45
2	1-Aug-12	6	2	\$21.73	No	\$25.50	\$3.77
3	1-Aug-12	6	3	\$23.74	No	\$25.50	\$1.76
4	1-Aug-12	6	4	\$20.90	No	\$25.50	\$4.60
5	1-Aug-12	6	5	\$23.98	No	\$25.50	\$1.52
6	1-Aug-12	6	6	\$27.36	No	\$25.50	(\$1.86)
7	1-Aug-12	6	7	\$25.36	No	\$25.50	\$0.14
8	1-Aug-12	6	8	\$27.09	No	\$25.50	(\$1.59)
9	1-Aug-12	6	9	\$30.60	No	\$25.50	(\$5.10)
10	1-Aug-12	6	10	\$26.14	No	\$25.50	(\$0.64)
11	1-Aug-12	6	11	\$24.08	No	\$25.50	\$1.42
12	1-Aug-12	6	12	(\$10.65)	No	\$25.50	\$36.15
13	1-Aug-12	23	1	\$25.01	Yes	\$25.50	\$0.49
14	1-Aug-12	23	2	\$28.44	Yes	\$25.50	(\$2.94)
15	1-Aug-12	23	3	\$30.69	Yes	\$25.50	(\$5.19)
16	1-Aug-12	23	4	\$25.40	Yes	\$25.50	\$0.10
17	1-Aug-12	23	5	\$25.25	Yes	\$25.50	\$0.25
18	1-Aug-12	23	6	\$25.11	Yes	\$25.50	\$0.39
19	1-Aug-12	23	7	\$25.28	Yes	\$25.50	\$0.22
20	1-Aug-12	23	8	\$25.00	Yes	\$25.50	\$0.50
21	1-Aug-12	23	9	\$25.00	Yes	\$25.50	\$0.50
22	2-Aug-12	19	5	\$130.71	Yes	\$27.48	(\$103.23)
23	2-Aug-12	19	6	\$139.54	Yes	\$27.48	(\$112.06)
24	2-Aug-12	19	7	\$133.77	Yes	\$27.48	(\$106.29)
25	2-Aug-12	19	8	\$127.72	Yes	\$27.48	(\$100.24)
26	2-Aug-12	19	9	\$125.72	Yes	\$27.48	(\$98.24)
27	2-Aug-12	19	10	\$119.34	Yes	\$27.48	(\$91.86)
28	2-Aug-12	19	11	\$125.89	Yes	\$27.48	(\$98.41)
29	2-Aug-12	19	12	\$134.86	Yes	\$27.48	(\$107.38)
30	2-Aug-12	20	1	\$146.38	Yes	\$27.48	(\$118.90)
31	2-Aug-12	20	2	\$114.85	Yes	\$27.48	(\$87.37)
32	2-Aug-12	20	3	\$117.71	Yes	\$27.48	(\$90.23)
33	2-Aug-12	20	4	\$27.69	Yes	\$27.48	(\$0.21)
34	2-Aug-12	20	5	\$22.45	Yes	\$27.48	\$5.03
35	2-Aug-12	20	6	\$24.66	Yes	\$27.48	\$2.82
36	2-Aug-12	20	7	\$25.22	Yes	\$27.48	\$2.26
37	2-Aug-12	20	8	\$22.72	Yes	\$27.48	\$4.76
38	2-Aug-12	20	9	\$21.99	Yes	\$27.48	\$5.49
39	2-Aug-12	20	10	\$22.29	Yes	\$27.48	\$5.19
40	2-Aug-12	20	11	\$91.73	Yes	\$27.48	(\$64.25)
41	2-Aug-12	20	12	\$88.52	Yes	\$27.48	(\$61.04)
42	2-Aug-12	21	1	\$122.50	Yes	\$27.48	(\$95.02)

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	2-Aug-12	21	2	\$122.80	Yes	\$27.48	(\$95.32)
44	2-Aug-12	21	3	\$131.04	Yes	\$27.48	(\$103.56)
45	2-Aug-12	21	4	\$134.65	Yes	\$27.48	(\$107.17)
46	2-Aug-12	21	5	\$134.65	Yes	\$27.48	(\$107.17)
47	2-Aug-12	21	6	\$103.17	Yes	\$27.48	(\$75.69)
48	2-Aug-12	21	7	\$110.33	Yes	\$27.48	(\$82.85)
49	2-Aug-12	21	8	\$123.55	Yes	\$27.48	(\$96.07)
50	2-Aug-12	21	9	\$107.08	Yes	\$27.48	(\$79.60)
51	2-Aug-12	21	10	\$119.57	Yes	\$27.48	(\$92.09)
52	2-Aug-12	21	11	\$122.40	Yes	\$27.48	(\$94.92)
53	2-Aug-12	21	12	\$106.82	Yes	\$27.48	(\$79.34)
54	2-Aug-12	22	1	\$21.52	Yes	\$27.48	\$5.96
55	2-Aug-12	22	2	\$19.74	Yes	\$27.48	\$7.74
56	2-Aug-12	22	3	\$52.00	Yes	\$27.48	(\$24.52)
57	2-Aug-12	22	4	\$34.31	No	\$27.48	(\$6.83)
58	2-Aug-12	22	4	\$34.31	Yes	\$27.48	(\$6.83)
59	2-Aug-12	22	5	\$34.98	No	\$27.48	(\$7.50)
60	2-Aug-12	22	5	\$34.98	Yes	\$27.48	(\$7.50)
61	2-Aug-12	22	6	\$34.98	No	\$27.48	(\$7.50)
62	2-Aug-12	22	6	\$34.98	Yes	\$27.48	(\$7.50)
63	2-Aug-12	22	7	\$34.98	No	\$27.48	(\$7.50)
64	2-Aug-12	22	7	\$34.98	Yes	\$27.48	(\$7.50)
65	2-Aug-12	22	8	\$16.38	No	\$27.48	\$11.10
66	2-Aug-12	22	8	\$16.38	Yes	\$27.48	\$11.10
67	2-Aug-12	22	9	\$16.38	Yes	\$27.48	\$11.10
68	2-Aug-12	22	10	\$16.38	Yes	\$27.48	\$11.10
69	2-Aug-12	22	11	\$16.38	No	\$31.29	\$14.91
70	2-Aug-12	22	11	\$16.38	Yes	\$27.48	\$11.10
71	2-Aug-12	22	12	\$9.90	No	\$31.29	\$21.39
72	2-Aug-12	22	12	\$9.90	Yes	\$27.48	\$17.58
73	2-Aug-12	22	12	\$9.90	Yes	\$31.29	\$21.39
74	2-Aug-12	23	1	\$25.76	No	\$36.09	\$10.33
75	2-Aug-12	23	2	\$25.60	No	\$36.09	\$10.49
76	2-Aug-12	23	2	\$25.60	Yes	\$36.09	\$10.49
77	2-Aug-12	23	3	\$25.76	Yes	\$36.09	\$10.33
78	2-Aug-12	23	4	\$21.39	Yes	\$36.09	\$14.70
79	2-Aug-12	23	5	\$21.30	Yes	\$36.09	\$14.79
80	2-Aug-12	23	6	\$21.39	Yes	\$31.29	\$9.90
81	2-Aug-12	23	6	\$21.39	Yes	\$36.09	\$14.70
82	2-Aug-12	23	7	\$20.86	Yes	\$31.29	\$10.43
83	2-Aug-12	23	7	\$20.86	Yes	\$36.09	\$15.23
84	2-Aug-12	23	8	\$13.24	Yes	\$31.29	\$18.05
85	2-Aug-12	23	8	\$13.24	Yes	\$36.09	\$22.85
86	2-Aug-12	23	9	\$13.24	Yes	\$31.29	\$18.05
87	2-Aug-12	23	9	\$13.24	Yes	\$36.09	\$22.85

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	2-Aug-12	23	10	\$7.89	Yes	\$31.29	\$23.40
89	2-Aug-12	23	10	\$7.89	Yes	\$36.09	\$28.20
90	2-Aug-12	23	11	\$16.16	Yes	\$27.48	\$11.32
91	2-Aug-12	23	11	\$16.16	Yes	\$31.29	\$15.13
92	2-Aug-12	23	11	\$16.16	Yes	\$36.09	\$19.93
93	2-Aug-12	23	12	\$6.76	Yes	\$27.48	\$20.72
94	2-Aug-12	23	12	\$6.76	Yes	\$31.29	\$24.53
95	2-Aug-12	23	12	\$6.76	Yes	\$36.09	\$29.33
96	2-Aug-12	24	1	\$19.16	Yes	\$27.48	\$8.32
97	2-Aug-12	24	2	\$24.79	Yes	\$27.48	\$2.69
98	2-Aug-12	24	3	\$25.43	Yes	\$27.48	\$2.05
99	2-Aug-12	24	4	\$25.27	Yes	\$27.48	\$2.21
100	2-Aug-12	24	5	\$23.24	Yes	\$27.48	\$4.24
101	2-Aug-12	24	6	\$20.19	Yes	\$27.48	\$7.29
102	2-Aug-12	24	7	\$20.68	Yes	\$27.48	\$6.80
103	2-Aug-12	24	8	\$19.97	Yes	\$27.48	\$7.51
104	2-Aug-12	24	9	\$19.97	Yes	\$27.48	\$7.51
105	2-Aug-12	24	10	\$21.05	Yes	\$27.48	\$6.43
106	2-Aug-12	24	11	\$15.92	Yes	\$27.48	\$11.56
107	2-Aug-12	24	12	(\$10.32)	Yes	\$27.48	\$37.80
108	3-Aug-12	20	6	\$21.24	Yes	\$31.29	\$10.05
109	3-Aug-12	20	7	\$20.90	Yes	\$31.29	\$10.39
110	3-Aug-12	20	8	\$19.89	Yes	\$31.29	\$11.40
111	3-Aug-12	20	9	\$20.56	Yes	\$31.29	\$10.73
112	3-Aug-12	20	10	\$20.52	Yes	\$31.29	\$10.77
113	3-Aug-12	20	11	\$20.52	Yes	\$27.48	\$6.96
114	3-Aug-12	20	12	\$20.52	Yes	\$27.48	\$6.96
115	3-Aug-12	21	1	\$22.47	Yes	\$34.37	\$11.90
116	3-Aug-12	21	2	\$22.14	Yes	\$34.37	\$12.23
117	3-Aug-12	21	3	\$24.17	Yes	\$34.37	\$10.20
118	3-Aug-12	21	4	\$21.12	Yes	\$34.37	\$13.25
119	3-Aug-12	21	5	\$21.89	Yes	\$31.29	\$9.40
120	3-Aug-12	21	5	\$21.89	Yes	\$34.37	\$12.48
121	3-Aug-12	21	6	\$21.89	Yes	\$31.29	\$9.40
122	3-Aug-12	21	6	\$21.89	Yes	\$34.37	\$12.48
123	3-Aug-12	21	7	\$22.02	Yes	\$31.29	\$9.27
124	3-Aug-12	21	7	\$22.02	Yes	\$34.37	\$12.35
125	3-Aug-12	21	8	\$25.01	Yes	\$29.52	\$4.51
126	3-Aug-12	21	8	\$25.01	Yes	\$31.29	\$6.28
127	3-Aug-12	21	8	\$25.01	Yes	\$34.37	\$9.36
128	3-Aug-12	21	9	\$24.72	Yes	\$27.48	\$2.76
129	3-Aug-12	21	9	\$24.72	Yes	\$29.52	\$4.80
130	3-Aug-12	21	9	\$24.72	Yes	\$31.29	\$6.57
131	3-Aug-12	21	9	\$24.72	Yes	\$34.37	\$9.65
132	3-Aug-12	21	10	\$24.73	Yes	\$27.48	\$2.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	3-Aug-12	21	10	\$24.73	Yes	\$29.52	\$4.79
134	3-Aug-12	21	10	\$24.73	Yes	\$31.29	\$6.56
135	3-Aug-12	21	10	\$24.73	Yes	\$34.37	\$9.64
136	3-Aug-12	21	11	\$24.77	Yes	\$27.48	\$2.71
137	3-Aug-12	21	11	\$24.77	Yes	\$29.52	\$4.75
138	3-Aug-12	21	11	\$24.77	Yes	\$31.29	\$6.52
139	3-Aug-12	21	11	\$24.77	Yes	\$34.37	\$9.60
140	3-Aug-12	21	12	\$24.35	Yes	\$27.48	\$3.13
141	3-Aug-12	21	12	\$24.35	Yes	\$29.52	\$5.17
142	3-Aug-12	21	12	\$24.35	Yes	\$31.29	\$6.94
143	3-Aug-12	21	12	\$24.35	Yes	\$34.37	\$10.02
144	3-Aug-12	22	1	\$24.34	Yes	\$27.48	\$3.14
145	3-Aug-12	22	2	\$21.10	Yes	\$27.48	\$6.38
146	3-Aug-12	22	3	\$20.86	Yes	\$25.50	\$4.64
147	3-Aug-12	22	3	\$20.86	Yes	\$27.48	\$6.62
148	3-Aug-12	22	4	\$20.61	Yes	\$25.50	\$4.89
149	3-Aug-12	22	4	\$20.61	Yes	\$27.48	\$6.87
150	3-Aug-12	22	5	\$20.61	Yes	\$25.50	\$4.89
151	3-Aug-12	22	5	\$20.61	Yes	\$27.48	\$6.87
152	3-Aug-12	22	6	\$20.33	Yes	\$25.50	\$5.17
153	3-Aug-12	22	6	\$20.33	Yes	\$27.48	\$7.15
154	3-Aug-12	22	7	\$19.35	Yes	\$25.50	\$6.15
155	3-Aug-12	22	7	\$19.35	Yes	\$27.48	\$8.13
156	3-Aug-12	22	8	\$19.99	Yes	\$25.50	\$5.51
157	3-Aug-12	22	8	\$19.99	Yes	\$27.48	\$7.49
158	3-Aug-12	22	9	\$19.99	Yes	\$25.50	\$5.51
159	3-Aug-12	22	9	\$19.99	Yes	\$27.48	\$7.49
160	3-Aug-12	22	10	\$17.53	Yes	\$25.50	\$7.97
161	3-Aug-12	22	10	\$17.53	Yes	\$27.48	\$9.95
162	3-Aug-12	22	11	\$17.53	Yes	\$25.50	\$7.97
163	3-Aug-12	22	11	\$17.53	Yes	\$27.48	\$9.95
164	3-Aug-12	22	12	\$17.15	Yes	\$25.50	\$8.35
165	3-Aug-12	22	12	\$17.15	Yes	\$27.48	\$10.33
166	4-Aug-12	13	5	\$21.35	Yes	\$25.50	\$4.15
167	4-Aug-12	13	6	\$21.35	Yes	\$25.50	\$4.15
168	4-Aug-12	13	7	\$21.42	Yes	\$25.50	\$4.08
169	4-Aug-12	13	8	\$21.32	Yes	\$25.50	\$4.18
170	4-Aug-12	13	9	\$21.32	Yes	\$25.50	\$4.18
171	4-Aug-12	13	10	\$20.70	Yes	\$25.50	\$4.80
172	4-Aug-12	13	11	\$21.27	Yes	\$25.50	\$4.23
173	4-Aug-12	13	12	\$21.22	Yes	\$25.50	\$4.28
174	4-Aug-12	14	1	\$21.56	Yes	\$25.50	\$3.94
175	4-Aug-12	14	2	\$20.48	Yes	\$25.50	\$5.02
176	4-Aug-12	14	3	\$18.32	Yes	\$25.50	\$7.18
177	4-Aug-12	14	3	\$18.32	Yes	\$27.48	\$9.16



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	4-Aug-12	14	4	\$18.31	Yes	\$25.50	\$7.19
179	4-Aug-12	14	4	\$18.31	Yes	\$27.48	\$9.17
180	4-Aug-12	14	9	\$20.28	Yes	\$31.29	\$11.01
181	4-Aug-12	14	10	\$20.58	Yes	\$31.29	\$10.71
182	4-Aug-12	14	11	\$20.73	Yes	\$31.29	\$10.56
183	4-Aug-12	14	12	\$20.43	Yes	\$36.09	\$15.66
184	4-Aug-12	15	1	\$21.05	Yes	\$36.09	\$15.04
185	4-Aug-12	15	2	\$20.78	Yes	\$36.09	\$15.31
186	4-Aug-12	15	3	\$20.99	Yes	\$36.09	\$15.10
187	4-Aug-12	15	4	\$18.49	Yes	\$36.09	\$17.60
188	4-Aug-12	15	5	\$19.98	Yes	\$36.09	\$16.11
189	4-Aug-12	15	6	\$19.98	Yes	\$36.09	\$16.11
190	4-Aug-12	15	7	\$20.67	Yes	\$27.48	\$6.81
191	4-Aug-12	15	7	\$20.67	Yes	\$36.09	\$15.42
192	4-Aug-12	15	8	\$22.66	Yes	\$27.48	\$4.82
193	4-Aug-12	15	8	\$22.66	Yes	\$36.09	\$13.43
194	4-Aug-12	15	9	\$22.68	Yes	\$27.48	\$4.80
195	4-Aug-12	15	9	\$22.68	Yes	\$36.09	\$13.41
196	4-Aug-12	15	10	\$23.08	Yes	\$27.48	\$4.40
197	4-Aug-12	15	10	\$23.08	Yes	\$36.09	\$13.01
198	4-Aug-12	15	11	\$23.20	Yes	\$27.48	\$4.28
199	4-Aug-12	15	11	\$23.20	Yes	\$36.09	\$12.89
200	4-Aug-12	15	12	\$22.46	Yes	\$27.48	\$5.02
201	4-Aug-12	15	12	\$22.46	Yes	\$36.09	\$13.63
202	4-Aug-12	16	1	\$21.12	Yes	\$27.48	\$6.36
203	4-Aug-12	16	2	\$21.18	Yes	\$27.48	\$6.30
204	4-Aug-12	16	3	\$21.02	Yes	\$27.48	\$6.46
205	4-Aug-12	16	4	\$22.92	Yes	\$27.48	\$4.56
206	4-Aug-12	16	5	\$22.92	Yes	\$27.48	\$4.56
207	4-Aug-12	16	6	\$22.40	Yes	\$27.48	\$5.08
208	4-Aug-12	16	7	\$22.46	Yes	\$27.48	\$5.02
209	4-Aug-12	16	8	\$22.42	Yes	\$27.48	\$5.06
210	4-Aug-12	16	9	\$21.43	Yes	\$27.48	\$6.05
211	4-Aug-12	16	10	\$22.37	Yes	\$27.48	\$5.11
212	4-Aug-12	16	11	\$22.37	Yes	\$27.48	\$5.11
213	4-Aug-12	16	12	\$21.32	Yes	\$27.48	\$6.16
214	4-Aug-12	17	1	\$21.31	Yes	\$27.48	\$6.17
215	4-Aug-12	17	2	\$21.31	Yes	\$27.48	\$6.17
216	4-Aug-12	17	3	\$21.31	Yes	\$27.48	\$6.17
217	4-Aug-12	17	4	\$20.23	Yes	\$27.48	\$7.25
218	4-Aug-12	17	5	\$20.50	Yes	\$27.48	\$6.98
219	4-Aug-12	17	6	\$20.43	Yes	\$27.48	\$7.05
220	4-Aug-12	17	7	\$20.37	Yes	\$27.48	\$7.11
221	4-Aug-12	17	8	\$23.10	Yes	\$27.48	\$4.38
222	4-Aug-12	17	9	\$23.10	Yes	\$27.48	\$4.38

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	4-Aug-12	17	10	\$23.07	Yes	\$27.48	\$4.41
224	4-Aug-12	17	11	\$23.00	Yes	\$27.48	\$4.48
225	4-Aug-12	17	12	\$22.92	Yes	\$27.48	\$4.56
226	4-Aug-12	18	1	\$21.19	Yes	\$27.48	\$6.29
227	4-Aug-12	18	2	\$20.37	Yes	\$27.48	\$7.11
228	4-Aug-12	18	3	\$20.26	Yes	\$27.48	\$7.22
229	4-Aug-12	18	4	\$20.72	Yes	\$27.48	\$6.76
230	4-Aug-12	18	5	\$20.68	Yes	\$27.48	\$6.80
231	4-Aug-12	18	6	\$20.31	Yes	\$27.48	\$7.17
232	4-Aug-12	18	7	\$20.08	Yes	\$27.48	\$7.40
233	4-Aug-12	18	8	\$20.15	Yes	\$27.48	\$7.33
234	4-Aug-12	18	9	\$20.12	Yes	\$27.48	\$7.36
235	4-Aug-12	18	10	\$18.04	Yes	\$27.48	\$9.44
236	4-Aug-12	18	11	\$18.04	Yes	\$27.48	\$9.44
237	4-Aug-12	18	12	\$18.04	Yes	\$27.48	\$9.44
238	4-Aug-12	19	1	\$18.16	Yes	\$27.48	\$9.32
239	4-Aug-12	19	2	\$19.08	Yes	\$27.48	\$8.40
240	4-Aug-12	19	3	\$20.30	Yes	\$27.48	\$7.18
241	4-Aug-12	19	4	\$19.86	Yes	\$27.48	\$7.62
242	4-Aug-12	19	5	\$19.86	Yes	\$27.48	\$7.62
243	4-Aug-12	19	6	\$19.86	Yes	\$27.48	\$7.62
244	4-Aug-12	19	6	\$19.86	Yes	\$31.29	\$11.43
245	4-Aug-12	19	7	\$21.28	Yes	\$27.48	\$6.20
246	4-Aug-12	19	7	\$21.28	Yes	\$31.29	\$10.01
247	4-Aug-12	19	8	\$20.10	Yes	\$27.48	\$7.38
248	4-Aug-12	19	8	\$20.10	Yes	\$31.29	\$11.19
249	4-Aug-12	19	9	\$19.81	Yes	\$27.48	\$7.67
250	4-Aug-12	19	9	\$19.81	Yes	\$31.29	\$11.48
251	4-Aug-12	19	10	\$19.76	Yes	\$27.48	\$7.72
252	4-Aug-12	19	10	\$19.76	Yes	\$31.29	\$11.53
253	4-Aug-12	19	11	\$18.12	Yes	\$27.48	\$9.36
254	4-Aug-12	19	11	\$18.12	Yes	\$31.29	\$13.17
255	4-Aug-12	19	12	\$17.29	Yes	\$27.48	\$10.19
256	4-Aug-12	19	12	\$17.29	Yes	\$29.52	\$12.23
257	4-Aug-12	19	12	\$17.29	Yes	\$31.29	\$14.00
258	4-Aug-12	20	1	\$17.10	Yes	\$29.52	\$12.42
259	4-Aug-12	20	2	\$16.95	Yes	\$29.52	\$12.57
260	4-Aug-12	20	3	\$16.43	Yes	\$29.52	\$13.09
261	4-Aug-12	20	4	\$18.19	Yes	\$29.52	\$11.33
262	4-Aug-12	20	5	\$18.03	Yes	\$29.52	\$11.49
263	4-Aug-12	20	6	\$18.18	Yes	\$29.52	\$11.34
264	4-Aug-12	20	7	\$19.09	Yes	\$29.52	\$10.43
265	4-Aug-12	20	8	\$18.14	Yes	\$29.52	\$11.38
266	4-Aug-12	20	9	\$18.14	Yes	\$29.52	\$11.38
267	4-Aug-12	20	10	\$18.14	Yes	\$29.52	\$11.38

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	4-Aug-12	20	11	\$19.10	Yes	\$29.52	\$10.42
269	4-Aug-12	20	12	\$18.04	Yes	\$29.52	\$11.48
270	4-Aug-12	21	1	\$18.08	Yes	\$29.52	\$11.44
271	4-Aug-12	21	2	\$18.08	Yes	\$29.52	\$11.44
272	4-Aug-12	21	3	\$18.08	Yes	\$29.52	\$11.44
273	4-Aug-12	21	4	\$19.66	Yes	\$29.52	\$9.86
274	4-Aug-12	21	5	\$19.75	Yes	\$27.48	\$7.73
275	4-Aug-12	21	6	\$19.66	Yes	\$27.48	\$7.82
276	4-Aug-12	21	7	\$19.66	Yes	\$27.48	\$7.82
277	4-Aug-12	21	8	\$18.26	Yes	\$27.48	\$9.22
278	4-Aug-12	21	9	\$18.10	Yes	\$27.48	\$9.38
279	4-Aug-12	21	10	\$18.16	Yes	\$27.48	\$9.32
280	4-Aug-12	21	11	\$18.35	Yes	\$27.48	\$9.13
281	4-Aug-12	21	12	\$17.19	Yes	\$27.48	\$10.29
282	4-Aug-12	22	1	\$18.34	Yes	\$27.48	\$9.14
283	4-Aug-12	22	2	\$17.15	Yes	\$27.48	\$10.33
284	4-Aug-12	22	3	\$19.34	Yes	\$27.48	\$8.14
285	4-Aug-12	22	4	\$20.12	Yes	\$27.48	\$7.36
286	4-Aug-12	22	5	\$20.12	Yes	\$27.48	\$7.36
287	4-Aug-12	22	6	\$20.02	Yes	\$27.48	\$7.46
288	4-Aug-12	22	7	\$19.82	Yes	\$27.48	\$7.66
289	4-Aug-12	22	8	\$19.82	Yes	\$27.48	\$7.66
290	4-Aug-12	22	9	\$18.85	Yes	\$27.48	\$8.63
291	4-Aug-12	22	10	\$18.11	Yes	\$27.48	\$9.37
292	4-Aug-12	22	11	\$16.79	Yes	\$27.48	\$10.69
293	4-Aug-12	22	12	\$16.70	Yes	\$27.48	\$10.78
294	4-Aug-12	23	1	\$20.16	Yes	\$27.48	\$7.32
295	4-Aug-12	23	2	\$20.06	Yes	\$27.48	\$7.42
296	4-Aug-12	23	3	\$20.25	Yes	\$27.48	\$7.23
297	4-Aug-12	23	4	\$19.94	Yes	\$25.50	\$5.56
298	4-Aug-12	23	4	\$19.94	Yes	\$27.48	\$7.54
299	4-Aug-12	23	5	\$20.21	Yes	\$25.50	\$5.29
300	4-Aug-12	23	5	\$20.21	Yes	\$27.48	\$7.27
301	4-Aug-12	23	6	\$20.21	Yes	\$25.50	\$5.29
302	4-Aug-12	23	6	\$20.21	Yes	\$27.48	\$7.27
303	4-Aug-12	23	7	\$19.95	Yes	\$25.50	\$5.55
304	4-Aug-12	23	7	\$19.95	Yes	\$27.48	\$7.53
305	4-Aug-12	23	8	\$19.97	Yes	\$25.50	\$5.53
306	4-Aug-12	23	8	\$19.97	Yes	\$27.48	\$7.51
307	4-Aug-12	23	9	\$19.78	Yes	\$25.50	\$5.72
308	4-Aug-12	23	9	\$19.78	Yes	\$27.48	\$7.70
309	4-Aug-12	23	10	\$16.56	Yes	\$25.50	\$8.94
310	4-Aug-12	23	10	\$16.56	Yes	\$27.48	\$10.92
311	4-Aug-12	23	11	\$16.49	Yes	\$25.50	\$9.01
312	4-Aug-12	23	11	\$16.49	Yes	\$27.48	\$10.99

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	4-Aug-12	23	12	\$15.22	Yes	\$25.50	\$10.28
314	4-Aug-12	23	12	\$15.22	Yes	\$27.48	\$12.26
315	7-Aug-12	3	3	\$24.60	No	\$25.50	\$0.90
316	7-Aug-12	3	4	\$23.63	No	\$25.50	\$1.87
317	7-Aug-12	3	5	\$13.29	No	\$25.50	\$12.21
318	7-Aug-12	3	6	\$16.54	No	\$25.50	\$8.96
319	7-Aug-12	3	7	\$15.45	No	\$25.50	\$10.05
320	7-Aug-12	3	8	\$19.23	No	\$25.50	\$6.27
321	7-Aug-12	3	9	\$21.96	No	\$25.50	\$3.54
322	7-Aug-12	3	10	\$7.90	No	\$25.50	\$17.60
323	7-Aug-12	3	11	\$11.25	No	\$25.50	\$14.25
324	7-Aug-12	3	12	(\$10.94)	No	\$25.50	\$36.44
325	11-Aug-12	11	5	\$24.41	Yes	\$25.50	\$1.09
326	11-Aug-12	11	6	\$24.40	Yes	\$25.50	\$1.10
327	11-Aug-12	11	7	\$24.34	Yes	\$25.50	\$1.16
328	11-Aug-12	11	8	\$24.94	Yes	\$25.50	\$0.56
329	11-Aug-12	11	9	\$28.06	Yes	\$25.50	(\$2.56)
330	11-Aug-12	11	10	\$28.70	Yes	\$25.50	(\$3.20)
331	11-Aug-12	11	11	\$28.70	Yes	\$25.50	(\$3.20)
332	11-Aug-12	11	12	\$28.16	Yes	\$25.50	(\$2.66)
333	11-Aug-12	12	1	\$25.81	Yes	\$25.50	(\$0.31)
334	11-Aug-12	12	2	\$24.44	Yes	\$25.50	\$1.06
335	11-Aug-12	12	5	\$24.25	Yes	\$27.48	\$3.23
336	11-Aug-12	12	6	\$24.31	Yes	\$27.48	\$3.17
337	11-Aug-12	12	7	\$24.68	Yes	\$27.48	\$2.80
338	11-Aug-12	12	7	\$24.68	Yes	\$34.37	\$9.69
339	11-Aug-12	12	8	\$24.24	Yes	\$27.48	\$3.24
340	11-Aug-12	12	8	\$24.24	Yes	\$34.37	\$10.13
341	11-Aug-12	12	9	\$25.67	Yes	\$27.48	\$1.81
342	11-Aug-12	12	9	\$25.67	Yes	\$34.37	\$8.70
343	11-Aug-12	12	10	\$28.80	Yes	\$27.48	(\$1.32)
344	11-Aug-12	12	10	\$28.80	Yes	\$34.37	\$5.57
345	11-Aug-12	12	11	\$30.24	Yes	\$27.48	(\$2.76)
346	11-Aug-12	12	11	\$30.24	Yes	\$34.37	\$4.13
347	11-Aug-12	12	12	\$30.61	Yes	\$27.48	(\$3.13)
348	11-Aug-12	12	12	\$30.61	Yes	\$34.37	\$3.76
349	11-Aug-12	13	1	\$23.93	Yes	\$34.37	\$10.44
350	11-Aug-12	13	2	\$25.42	Yes	\$34.37	\$8.95
351	11-Aug-12	13	3	\$26.32	Yes	\$34.37	\$8.05
352	11-Aug-12	13	4	\$27.41	Yes	\$34.37	\$6.96
353	11-Aug-12	13	5	\$28.37	Yes	\$27.48	(\$0.89)
354	11-Aug-12	13	5	\$28.37	Yes	\$34.37	\$6.00
355	11-Aug-12	13	6	\$29.03	Yes	\$27.48	(\$1.55)
356	11-Aug-12	13	6	\$29.03	Yes	\$34.37	\$5.34
357	11-Aug-12	13	7	\$30.59	Yes	\$27.48	(\$3.11)

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	11-Aug-12	13	7	\$30.59	Yes	\$34.37	\$3.78
359	11-Aug-12	13	8	\$33.66	Yes	\$27.48	(\$6.18)
360	11-Aug-12	13	8	\$33.66	Yes	\$34.37	\$0.71
361	11-Aug-12	13	9	\$33.66	Yes	\$27.48	(\$6.18)
362	11-Aug-12	13	9	\$33.66	Yes	\$34.37	\$0.71
363	11-Aug-12	13	10	\$34.08	Yes	\$27.48	(\$6.60)
364	11-Aug-12	13	10	\$34.08	Yes	\$34.37	\$0.29
365	11-Aug-12	13	11	\$34.08	Yes	\$27.48	(\$6.60)
366	11-Aug-12	13	11	\$34.08	Yes	\$34.37	\$0.29
367	11-Aug-12	13	12	\$34.18	Yes	\$27.48	(\$6.70)
368	11-Aug-12	13	12	\$34.18	Yes	\$34.37	\$0.19
369	11-Aug-12	23	8	\$37.57	Yes	\$25.50	(\$12.07)
370	11-Aug-12	23	9	\$34.97	Yes	\$25.50	(\$9.47)
371	11-Aug-12	23	10	\$29.95	Yes	\$25.50	(\$4.45)
372	11-Aug-12	23	11	\$25.42	Yes	\$25.50	\$0.08
373	11-Aug-12	23	12	\$25.25	Yes	\$25.50	\$0.25
374	11-Aug-12	24	1	\$31.24	Yes	\$25.50	(\$5.74)
375	11-Aug-12	24	2	\$25.85	Yes	\$25.50	(\$0.35)
376	13-Aug-12	7	4	\$24.99	No	\$25.50	\$0.51
377	13-Aug-12	7	5	\$25.03	No	\$25.50	\$0.47
378	13-Aug-12	7	6	\$25.11	No	\$25.50	\$0.39
379	13-Aug-12	7	7	\$26.33	No	\$25.50	(\$0.83)
380	13-Aug-12	7	8	\$25.66	No	\$25.50	(\$0.16)
381	13-Aug-12	7	9	\$26.41	No	\$25.50	(\$0.91)
382	13-Aug-12	7	10	\$26.68	No	\$25.50	(\$1.18)
383	13-Aug-12	7	11	\$26.68	No	\$25.50	(\$1.18)
384	13-Aug-12	7	12	\$28.67	No	\$25.50	(\$3.17)
385	14-Aug-12	2	3	\$36.40	No	\$25.50	(\$10.90)
386	14-Aug-12	2	4	\$25.63	No	\$25.50	(\$0.13)
387	14-Aug-12	2	5	\$25.95	No	\$25.50	(\$0.45)
388	14-Aug-12	2	6	\$25.41	No	\$25.50	\$0.09
389	14-Aug-12	2	7	\$24.33	No	\$25.50	\$1.17
390	14-Aug-12	2	8	\$23.35	No	\$25.50	\$2.15
391	14-Aug-12	2	9	\$22.38	No	\$25.50	\$3.12
392	14-Aug-12	2	10	\$20.90	No	\$25.50	\$4.60
393	14-Aug-12	2	11	\$21.84	No	\$25.50	\$3.66
394	14-Aug-12	2	12	\$22.42	No	\$25.50	\$3.08
395	14-Aug-12	3	1	\$24.40	No	\$25.50	\$1.10
396	14-Aug-12	3	2	\$24.57	No	\$25.50	\$0.93
397	14-Aug-12	3	3	\$24.57	No	\$25.50	\$0.93
398	14-Aug-12	3	4	\$24.41	No	\$25.50	\$1.09
399	14-Aug-12	3	5	\$24.41	No	\$25.50	\$1.09
400	14-Aug-12	3	6	\$24.39	No	\$25.50	\$1.11
401	14-Aug-12	3	7	\$24.24	No	\$25.50	\$1.26
402	14-Aug-12	3	8	\$24.10	No	\$25.50	\$1.40

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	14-Aug-12	3	9	\$23.53	No	\$25.50	\$1.97
404	14-Aug-12	3	10	\$22.55	No	\$25.50	\$2.95
405	14-Aug-12	3	11	\$22.45	No	\$25.50	\$3.05
406	14-Aug-12	3	12	\$22.45	No	\$25.50	\$3.05
407	14-Aug-12	4	1	\$22.38	No	\$25.50	\$3.12
408	14-Aug-12	4	2	\$22.38	No	\$25.50	\$3.12
409	14-Aug-12	4	3	\$22.38	No	\$25.50	\$3.12
410	14-Aug-12	4	4	\$22.38	No	\$25.50	\$3.12
411	14-Aug-12	4	5	\$22.38	No	\$25.50	\$3.12
412	14-Aug-12	4	6	\$21.81	No	\$25.50	\$3.69
413	14-Aug-12	4	7	\$21.78	No	\$25.50	\$3.72
414	14-Aug-12	4	8	\$22.34	No	\$25.50	\$3.16
415	14-Aug-12	4	9	\$22.34	No	\$25.50	\$3.16
416	14-Aug-12	4	10	\$22.34	No	\$25.50	\$3.16
417	14-Aug-12	4	11	\$22.34	No	\$25.50	\$3.16
418	14-Aug-12	4	12	\$21.77	No	\$25.50	\$3.73
419	14-Aug-12	5	1	\$22.35	No	\$25.50	\$3.15
420	14-Aug-12	5	2	\$22.35	No	\$25.50	\$3.15
421	14-Aug-12	5	3	\$22.35	No	\$25.50	\$3.15
422	14-Aug-12	5	4	\$22.43	No	\$25.50	\$3.07
423	14-Aug-12	5	5	\$22.43	No	\$25.50	\$3.07
424	14-Aug-12	5	6	\$22.43	No	\$25.50	\$3.07
425	14-Aug-12	5	7	\$23.26	No	\$25.50	\$2.24
426	14-Aug-12	5	8	\$23.39	No	\$25.50	\$2.11
427	14-Aug-12	5	9	\$23.55	No	\$25.50	\$1.95
428	14-Aug-12	5	10	\$23.65	No	\$25.50	\$1.85
429	14-Aug-12	5	11	\$23.50	No	\$25.50	\$2.00
430	14-Aug-12	5	12	\$22.51	No	\$25.50	\$2.99
431	14-Aug-12	6	1	\$21.75	No	\$25.50	\$3.75
432	14-Aug-12	6	2	\$22.40	No	\$25.50	\$3.10
433	14-Aug-12	6	3	\$22.40	No	\$25.50	\$3.10
434	14-Aug-12	6	4	\$22.47	No	\$25.50	\$3.03
435	14-Aug-12	6	5	\$22.77	No	\$25.50	\$2.73
436	14-Aug-12	6	6	\$24.06	No	\$25.50	\$1.44
437	14-Aug-12	6	7	\$21.95	No	\$25.50	\$3.55
438	14-Aug-12	6	8	\$24.56	No	\$25.50	\$0.94
439	14-Aug-12	6	9	\$24.69	No	\$25.50	\$0.81
440	14-Aug-12	6	10	\$24.75	No	\$25.50	\$0.75
441	14-Aug-12	6	11	\$25.44	No	\$25.50	\$0.06
442	14-Aug-12	6	12	\$24.92	No	\$25.50	\$0.58
443	14-Aug-12	7	1	\$24.00	No	\$25.50	\$1.50
444	14-Aug-12	7	2	\$23.49	No	\$25.50	\$2.01
445	14-Aug-12	7	3	\$23.34	No	\$25.50	\$2.16
446	14-Aug-12	7	4	\$24.47	No	\$25.50	\$1.03
447	14-Aug-12	7	5	\$24.46	No	\$25.50	\$1.04

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	14-Aug-12	7	6	\$24.46	No	\$25.50	\$1.04
449	14-Aug-12	7	7	\$24.19	No	\$25.50	\$1.31
450	14-Aug-12	7	8	\$23.95	No	\$25.50	\$1.55
451	14-Aug-12	7	9	\$23.46	No	\$25.50	\$2.04
452	14-Aug-12	7	10	\$24.32	No	\$25.50	\$1.18
453	14-Aug-12	7	11	\$23.29	No	\$25.50	\$2.21
454	14-Aug-12	7	12	\$23.50	No	\$25.50	\$2.00
455	15-Aug-12	1	1	\$22.36	No	\$25.50	\$3.14
456	15-Aug-12	1	2	\$22.36	No	\$25.50	\$3.14
457	15-Aug-12	1	3	\$22.36	No	\$25.50	\$3.14
458	15-Aug-12	1	4	\$23.47	No	\$25.50	\$2.03
459	15-Aug-12	1	5	\$24.48	No	\$25.50	\$1.02
460	15-Aug-12	1	6	\$22.44	No	\$25.50	\$3.06
461	15-Aug-12	1	7	\$22.53	No	\$25.50	\$2.97
462	15-Aug-12	1	8	\$21.14	No	\$25.50	\$4.36
463	15-Aug-12	1	9	\$20.51	No	\$25.50	\$4.99
464	15-Aug-12	1	10	\$20.54	No	\$25.50	\$4.96
465	15-Aug-12	1	11	\$19.08	No	\$25.50	\$6.42
466	15-Aug-12	1	12	\$14.45	No	\$25.50	\$11.05
467	15-Aug-12	2	1	\$20.60	No	\$25.50	\$4.90
468	15-Aug-12	2	2	\$21.89	No	\$25.50	\$3.61
469	15-Aug-12	2	3	\$20.48	No	\$25.50	\$5.02
470	15-Aug-12	2	4	\$20.86	No	\$25.50	\$4.64
471	15-Aug-12	2	5	\$23.86	No	\$25.50	\$1.64
472	15-Aug-12	2	6	\$24.62	No	\$25.50	\$0.88
473	15-Aug-12	2	7	\$24.08	No	\$25.50	\$1.42
474	15-Aug-12	2	8	\$22.24	No	\$25.50	\$3.26
475	15-Aug-12	2	9	\$20.78	No	\$25.50	\$4.72
476	15-Aug-12	2	10	\$18.53	No	\$25.50	\$6.97
477	15-Aug-12	2	11	\$8.88	No	\$25.50	\$16.62
478	15-Aug-12	2	12	\$12.10	No	\$25.50	\$13.40
479	15-Aug-12	3	1	\$18.75	No	\$25.50	\$6.75
480	15-Aug-12	3	2	\$20.96	No	\$25.50	\$4.54
481	15-Aug-12	3	3	\$22.45	No	\$25.50	\$3.05
482	15-Aug-12	3	4	\$22.31	No	\$25.50	\$3.19
483	15-Aug-12	3	5	\$21.93	No	\$25.50	\$3.57
484	15-Aug-12	3	6	\$21.93	No	\$25.50	\$3.57
485	15-Aug-12	3	7	\$18.68	No	\$25.50	\$6.82
486	15-Aug-12	3	8	\$23.91	No	\$25.50	\$1.59
487	15-Aug-12	3	9	\$22.44	No	\$25.50	\$3.06
488	15-Aug-12	3	10	\$15.08	No	\$25.50	\$10.42
489	15-Aug-12	3	11	\$8.86	No	\$25.50	\$16.64
490	15-Aug-12	3	12	\$15.08	No	\$25.50	\$10.42
491	15-Aug-12	4	1	\$15.13	No	\$25.50	\$10.37
492	15-Aug-12	4	2	\$21.75	No	\$25.50	\$3.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	15-Aug-12	4	3	\$21.75	No	\$25.50	\$3.75
494	15-Aug-12	4	4	\$21.82	No	\$25.50	\$3.68
495	15-Aug-12	4	5	\$21.64	No	\$25.50	\$3.86
496	15-Aug-12	4	6	\$21.24	No	\$25.50	\$4.26
497	15-Aug-12	4	7	\$21.89	No	\$25.50	\$3.61
498	15-Aug-12	4	8	\$22.81	No	\$25.50	\$2.69
499	15-Aug-12	4	9	\$21.80	No	\$25.50	\$3.70
500	15-Aug-12	4	10	\$21.87	No	\$25.50	\$3.63
501	15-Aug-12	4	11	\$22.80	No	\$25.50	\$2.70
502	15-Aug-12	4	12	\$15.43	No	\$25.50	\$10.07
503	15-Aug-12	5	1	\$22.50	No	\$25.50	\$3.00
504	15-Aug-12	5	2	\$21.77	No	\$25.50	\$3.73
505	15-Aug-12	5	3	\$21.79	No	\$25.50	\$3.71
506	15-Aug-12	5	4	\$22.62	No	\$25.50	\$2.88
507	15-Aug-12	5	5	\$22.62	No	\$25.50	\$2.88
508	15-Aug-12	5	6	\$23.46	No	\$25.50	\$2.04
509	15-Aug-12	5	7	\$23.96	No	\$25.50	\$1.54
510	15-Aug-12	5	8	\$24.02	No	\$25.50	\$1.48
511	15-Aug-12	5	9	\$24.32	No	\$25.50	\$1.18
512	15-Aug-12	5	10	\$24.44	No	\$25.50	\$1.06
513	15-Aug-12	5	11	\$24.44	No	\$25.50	\$1.06
514	15-Aug-12	5	12	\$24.44	No	\$25.50	\$1.06
515	15-Aug-12	6	1	\$17.02	No	\$25.50	\$8.48
516	15-Aug-12	6	2	\$16.39	No	\$25.50	\$9.11
517	15-Aug-12	6	3	\$15.37	No	\$25.50	\$10.13
518	15-Aug-12	6	4	\$20.75	No	\$25.50	\$4.75
519	15-Aug-12	6	5	\$20.75	No	\$25.50	\$4.75
520	15-Aug-12	6	6	\$22.85	No	\$25.50	\$2.65
521	15-Aug-12	6	7	\$23.83	No	\$25.50	\$1.67
522	15-Aug-12	6	8	\$23.63	No	\$25.50	\$1.87
523	15-Aug-12	6	9	\$23.63	No	\$25.50	\$1.87
524	15-Aug-12	6	10	\$24.51	No	\$25.50	\$0.99
525	15-Aug-12	6	11	\$24.43	No	\$25.50	\$1.07
526	15-Aug-12	6	12	\$22.94	No	\$25.50	\$2.56
527	15-Aug-12	7	1	\$22.94	No	\$25.50	\$2.56
528	15-Aug-12	7	2	\$20.72	No	\$25.50	\$4.78
529	15-Aug-12	7	3	\$20.72	No	\$25.50	\$4.78
530	15-Aug-12	7	4	\$20.99	No	\$25.50	\$4.51
531	15-Aug-12	7	5	\$21.55	No	\$25.50	\$3.95
532	15-Aug-12	7	6	\$21.55	No	\$25.50	\$3.95
533	15-Aug-12	7	7	\$21.63	No	\$25.50	\$3.87
534	15-Aug-12	7	8	\$21.71	No	\$25.50	\$3.79
535	15-Aug-12	7	9	\$22.27	No	\$25.50	\$3.23
536	15-Aug-12	7	10	\$22.27	No	\$25.50	\$3.23
537	15-Aug-12	7	11	\$22.27	No	\$25.50	\$3.23



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	15-Aug-12	7	12	\$22.54	No	\$25.50	\$2.96
539	15-Aug-12	15	2	\$25.02	Yes	\$46.80	\$21.78
540	15-Aug-12	15	3	\$25.02	Yes	\$46.80	\$21.78
541	15-Aug-12	15	4	\$25.01	Yes	\$46.80	\$21.79
542	15-Aug-12	15	5	\$25.02	Yes	\$46.80	\$21.78
543	15-Aug-12	15	6	\$25.21	Yes	\$46.80	\$21.59
544	15-Aug-12	15	7	\$25.01	Yes	\$46.80	\$21.79
545	15-Aug-12	15	8	\$26.04	Yes	\$46.80	\$20.76
546	15-Aug-12	15	9	\$25.74	Yes	\$46.80	\$21.06
547	15-Aug-12	15	11	\$24.65	Yes	\$46.80	\$22.15
548	15-Aug-12	15	12	\$24.18	Yes	\$46.80	\$22.62
549	15-Aug-12	16	1	\$24.11	Yes	\$46.80	\$22.69
550	15-Aug-12	16	2	\$24.11	Yes	\$39.67	\$15.56
551	15-Aug-12	16	2	\$24.11	Yes	\$46.80	\$22.69
552	15-Aug-12	16	3	\$24.11	Yes	\$39.67	\$15.56
553	15-Aug-12	16	3	\$24.11	Yes	\$46.80	\$22.69
554	15-Aug-12	16	4	\$23.97	Yes	\$39.67	\$15.70
555	15-Aug-12	16	4	\$23.97	Yes	\$46.80	\$22.83
556	15-Aug-12	16	5	\$25.01	Yes	\$36.09	\$11.08
557	15-Aug-12	16	5	\$25.01	Yes	\$46.80	\$21.79
558	15-Aug-12	16	6	\$24.48	Yes	\$36.09	\$11.61
559	15-Aug-12	16	6	\$24.48	Yes	\$46.80	\$22.32
560	15-Aug-12	16	7	\$25.34	Yes	\$36.09	\$10.75
561	15-Aug-12	16	7	\$25.34	Yes	\$46.80	\$21.46
562	15-Aug-12	16	8	\$26.31	Yes	\$36.09	\$9.78
563	15-Aug-12	16	8	\$26.31	Yes	\$46.80	\$20.49
564	15-Aug-12	16	9	\$26.31	Yes	\$36.09	\$9.78
565	15-Aug-12	16	9	\$26.31	Yes	\$46.80	\$20.49
566	15-Aug-12	16	10	\$25.34	Yes	\$36.09	\$10.75
567	15-Aug-12	16	10	\$25.34	Yes	\$46.80	\$21.46
568	15-Aug-12	16	11	\$25.34	Yes	\$36.09	\$10.75
569	15-Aug-12	16	11	\$25.34	Yes	\$46.80	\$21.46
570	15-Aug-12	16	12	\$25.34	Yes	\$36.09	\$10.75
571	15-Aug-12	16	12	\$25.34	Yes	\$46.80	\$21.46
572	15-Aug-12	17	1	\$25.77	Yes	\$36.09	\$10.32
573	15-Aug-12	17	2	\$25.77	Yes	\$36.09	\$10.32
574	15-Aug-12	17	3	\$25.12	Yes	\$36.09	\$10.97
575	15-Aug-12	17	4	\$24.94	Yes	\$36.09	\$11.15
576	15-Aug-12	17	5	\$24.94	Yes	\$36.09	\$11.15
577	15-Aug-12	17	6	\$25.23	Yes	\$36.09	\$10.86
578	15-Aug-12	17	7	\$26.50	Yes	\$36.09	\$9.59
579	15-Aug-12	17	8	\$25.72	Yes	\$36.09	\$10.37
580	15-Aug-12	17	9	\$25.47	Yes	\$36.09	\$10.62
581	15-Aug-12	17	10	\$25.34	Yes	\$36.09	\$10.75
582	15-Aug-12	17	11	\$24.62	Yes	\$36.09	\$11.47

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	15-Aug-12	17	12	\$24.69	Yes	\$36.09	\$11.40
584	15-Aug-12	18	1	\$23.77	Yes	\$36.09	\$12.32
585	15-Aug-12	18	2	\$23.67	Yes	\$36.09	\$12.42
586	15-Aug-12	18	3	\$23.77	Yes	\$36.09	\$12.32
587	15-Aug-12	18	4	\$23.97	Yes	\$36.09	\$12.12
588	15-Aug-12	18	5	\$23.73	Yes	\$36.09	\$12.36
589	15-Aug-12	18	6	\$23.66	Yes	\$36.09	\$12.43
590	15-Aug-12	18	7	\$23.65	Yes	\$36.09	\$12.44
591	15-Aug-12	18	8	\$23.88	Yes	\$36.09	\$12.21
592	15-Aug-12	18	9	\$23.88	Yes	\$36.09	\$12.21
593	15-Aug-12	18	10	\$23.11	Yes	\$36.09	\$12.98
594	15-Aug-12	18	11	\$23.01	Yes	\$36.09	\$13.08
595	15-Aug-12	18	12	\$22.91	Yes	\$36.09	\$13.18
596	15-Aug-12	19	1	\$23.07	Yes	\$36.09	\$13.02
597	15-Aug-12	19	2	\$22.41	Yes	\$36.09	\$13.68
598	15-Aug-12	19	3	\$22.41	Yes	\$36.09	\$13.68
599	15-Aug-12	19	4	\$23.17	Yes	\$36.09	\$12.92
600	15-Aug-12	19	5	\$22.52	Yes	\$36.09	\$13.57
601	15-Aug-12	19	6	\$22.35	Yes	\$36.09	\$13.74
602	15-Aug-12	19	7	\$22.21	Yes	\$36.09	\$13.88
603	15-Aug-12	19	8	\$21.09	Yes	\$36.09	\$15.00
604	15-Aug-12	19	9	\$20.93	Yes	\$36.09	\$15.16
605	15-Aug-12	19	10	\$20.78	Yes	\$36.09	\$15.31
606	15-Aug-12	19	11	\$20.26	Yes	\$36.09	\$15.83
607	15-Aug-12	19	12	\$20.44	Yes	\$27.48	\$7.04
608	15-Aug-12	19	12	\$20.44	Yes	\$36.09	\$15.65
609	15-Aug-12	20	1	\$20.81	Yes	\$27.48	\$6.67
610	15-Aug-12	20	2	\$20.57	Yes	\$27.48	\$6.91
611	15-Aug-12	20	3	\$21.02	Yes	\$27.48	\$6.46
612	15-Aug-12	20	4	\$21.30	Yes	\$27.48	\$6.18
613	15-Aug-12	20	5	\$21.01	Yes	\$27.48	\$6.47
614	15-Aug-12	20	6	\$21.05	Yes	\$27.48	\$6.43
615	15-Aug-12	20	7	\$21.08	Yes	\$27.48	\$6.40
616	15-Aug-12	20	8	\$21.52	Yes	\$27.48	\$5.96
617	15-Aug-12	20	9	\$21.39	Yes	\$27.48	\$6.09
618	15-Aug-12	20	10	\$21.66	Yes	\$27.48	\$5.82
619	15-Aug-12	20	11	\$21.66	Yes	\$27.48	\$5.82
620	15-Aug-12	20	12	\$21.44	Yes	\$27.48	\$6.04
621	15-Aug-12	21	1	\$22.86	Yes	\$27.48	\$4.62
622	15-Aug-12	21	2	\$22.95	Yes	\$27.48	\$4.53
623	15-Aug-12	21	3	\$24.49	Yes	\$27.48	\$2.99
624	15-Aug-12	21	4	\$24.94	Yes	\$27.48	\$2.54
625	15-Aug-12	21	5	\$24.50	Yes	\$27.48	\$2.98
626	15-Aug-12	21	6	\$24.49	Yes	\$25.50	\$1.01
627	15-Aug-12	21	6	\$24.49	Yes	\$27.48	\$2.99

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	15-Aug-12	21	7	\$24.61	Yes	\$25.50	\$0.89
629	15-Aug-12	21	7	\$24.61	Yes	\$27.48	\$2.87
630	15-Aug-12	21	8	\$23.97	Yes	\$25.50	\$1.53
631	15-Aug-12	21	8	\$23.97	Yes	\$27.48	\$3.51
632	15-Aug-12	21	9	\$23.04	Yes	\$25.50	\$2.46
633	15-Aug-12	21	9	\$23.04	Yes	\$27.48	\$4.44
634	15-Aug-12	21	10	\$22.68	Yes	\$25.50	\$2.82
635	15-Aug-12	21	10	\$22.68	Yes	\$27.48	\$4.80
636	15-Aug-12	21	11	\$22.37	Yes	\$25.50	\$3.13
637	15-Aug-12	21	11	\$22.37	Yes	\$27.48	\$5.11
638	15-Aug-12	21	12	\$22.40	Yes	\$25.50	\$3.10
639	15-Aug-12	21	12	\$22.40	Yes	\$27.48	\$5.08
640	15-Aug-12	22	1	\$23.40	Yes	\$27.48	\$4.08
641	15-Aug-12	22	2	\$22.81	Yes	\$27.48	\$4.67
642	15-Aug-12	22	3	\$22.81	Yes	\$27.48	\$4.67
643	15-Aug-12	22	4	\$21.71	Yes	\$25.50	\$3.79
644	15-Aug-12	22	4	\$21.71	Yes	\$27.48	\$5.77
645	15-Aug-12	22	5	\$21.70	Yes	\$25.50	\$3.80
646	15-Aug-12	22	5	\$21.70	Yes	\$27.48	\$5.78
647	15-Aug-12	22	6	\$21.68	Yes	\$25.50	\$3.82
648	15-Aug-12	22	6	\$21.68	Yes	\$27.48	\$5.80
649	15-Aug-12	22	7	\$21.14	Yes	\$25.50	\$4.36
650	15-Aug-12	22	7	\$21.14	Yes	\$27.48	\$6.34
651	15-Aug-12	22	8	\$20.51	Yes	\$25.50	\$4.99
652	15-Aug-12	22	8	\$20.51	Yes	\$27.48	\$6.97
653	15-Aug-12	22	9	\$20.22	Yes	\$25.50	\$5.28
654	15-Aug-12	22	9	\$20.22	Yes	\$27.48	\$7.26
655	15-Aug-12	22	10	\$19.25	Yes	\$25.50	\$6.25
656	15-Aug-12	22	10	\$19.25	Yes	\$27.48	\$8.23
657	15-Aug-12	22	11	\$19.01	Yes	\$25.50	\$6.49
658	15-Aug-12	22	11	\$19.01	Yes	\$27.48	\$8.47
659	15-Aug-12	22	12	\$19.01	Yes	\$25.50	\$6.49
660	15-Aug-12	22	12	\$19.01	Yes	\$27.48	\$8.47
661	15-Aug-12	23	1	\$22.18	Yes	\$25.50	\$3.32
662	15-Aug-12	23	2	\$21.93	Yes	\$25.50	\$3.57
663	15-Aug-12	23	3	\$22.18	Yes	\$25.50	\$3.32
664	15-Aug-12	23	4	\$20.76	Yes	\$25.50	\$4.74
665	15-Aug-12	23	5	\$21.79	Yes	\$25.50	\$3.71
666	15-Aug-12	23	6	\$20.80	Yes	\$25.50	\$4.70
667	15-Aug-12	23	7	\$19.27	Yes	\$25.50	\$6.23
668	15-Aug-12	23	8	\$18.20	Yes	\$25.50	\$7.30
669	15-Aug-12	23	9	\$16.64	Yes	\$25.50	\$8.86
670	15-Aug-12	23	10	\$8.12	Yes	\$25.50	\$17.38
671	15-Aug-12	23	11	\$0.01	Yes	\$25.50	\$25.49
672	15-Aug-12	23	12	(\$32.04)	Yes	\$25.50	\$57.54

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673	15-Aug-12	24	2	\$1.74	No	\$25.50	\$23.76
674	15-Aug-12	24	3	\$1.74	No	\$25.50	\$23.76
675	15-Aug-12	24	4	\$5.76	No	\$25.50	\$19.74
676	15-Aug-12	24	5	\$2.89	No	\$25.50	\$22.61
677	15-Aug-12	24	6	\$5.76	No	\$25.50	\$19.74
678	15-Aug-12	24	7	\$0.01	No	\$25.50	\$25.49
679	15-Aug-12	24	8	(\$4.74)	No	\$25.50	\$30.24
680	15-Aug-12	24	9	(\$4.74)	No	\$25.50	\$30.24
681	15-Aug-12	24	10	(\$3.57)	No	\$25.50	\$29.07
682	15-Aug-12	24	11	(\$3.57)	No	\$25.50	\$29.07
683	15-Aug-12	24	12	(\$3.57)	No	\$25.50	\$29.07
684	16-Aug-12	1	1	(\$3.57)	No	\$26.52	\$30.09
685	16-Aug-12	1	2	(\$3.57)	No	\$26.52	\$30.09
686	16-Aug-12	1	3	\$14.10	No	\$26.52	\$12.42
687	16-Aug-12	1	4	\$14.10	No	\$26.52	\$12.42
688	16-Aug-12	1	5	\$13.96	No	\$26.52	\$12.56
689	16-Aug-12	1	6	(\$32.48)	No	\$26.52	\$59.00
690	16-Aug-12	1	7	(\$4.74)	No	\$26.52	\$31.26
691	16-Aug-12	1	8	(\$9.98)	No	\$26.52	\$36.50
692	16-Aug-12	1	9	\$1.70	No	\$26.52	\$24.82
693	16-Aug-12	1	10	\$12.74	No	\$26.52	\$13.78
694	16-Aug-12	1	11	\$8.15	No	\$26.52	\$18.37
695	16-Aug-12	1	12	\$13.31	No	\$26.52	\$13.21
696	16-Aug-12	2	1	\$23.43	No	\$26.52	\$3.09
697	16-Aug-12	2	2	\$24.56	No	\$26.52	\$1.96
698	16-Aug-12	2	3	\$24.64	No	\$26.52	\$1.88
699	16-Aug-12	2	4	\$24.48	No	\$26.52	\$2.04
700	16-Aug-12	2	5	\$24.46	No	\$26.52	\$2.06
701	16-Aug-12	2	6	\$24.48	No	\$26.52	\$2.04
702	16-Aug-12	2	7	\$24.46	No	\$26.52	\$2.06
703	16-Aug-12	2	8	\$24.44	No	\$26.52	\$2.08
704	16-Aug-12	2	9	\$16.49	No	\$26.52	\$10.03
705	16-Aug-12	2	10	\$16.37	No	\$26.52	\$10.15
706	16-Aug-12	2	11	\$16.37	No	\$26.52	\$10.15
707	16-Aug-12	2	12	\$18.24	No	\$26.52	\$8.28
708	16-Aug-12	3	1	\$20.38	No	\$26.52	\$6.14
709	16-Aug-12	3	2	\$22.17	No	\$26.52	\$4.35
710	16-Aug-12	3	3	\$21.58	No	\$26.52	\$4.94
711	16-Aug-12	3	4	\$21.84	No	\$26.52	\$4.68
712	16-Aug-12	3	5	\$21.29	No	\$26.52	\$5.23
713	16-Aug-12	3	6	\$21.29	No	\$26.52	\$5.23
714	16-Aug-12	3	7	\$21.40	No	\$26.52	\$5.12
715	16-Aug-12	3	8	\$21.40	No	\$26.52	\$5.12
716	16-Aug-12	3	9	\$20.91	No	\$26.52	\$5.61
717	16-Aug-12	3	10	\$20.40	No	\$26.52	\$6.12

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	16-Aug-12	3	11	\$21.43	No	\$26.52	\$5.09
719	16-Aug-12	3	12	\$21.02	No	\$26.52	\$5.50
720	16-Aug-12	4	1	\$22.32	No	\$26.52	\$4.20
721	16-Aug-12	4	2	\$21.70	No	\$26.52	\$4.82
722	16-Aug-12	4	3	\$21.70	No	\$26.52	\$4.82
723	16-Aug-12	4	4	\$21.71	No	\$26.52	\$4.81
724	16-Aug-12	4	5	\$21.71	No	\$26.52	\$4.81
725	16-Aug-12	4	6	\$21.24	No	\$26.52	\$5.28
726	16-Aug-12	4	7	\$21.26	No	\$26.52	\$5.26
727	16-Aug-12	4	8	\$20.52	No	\$26.52	\$6.00
728	16-Aug-12	4	9	\$20.18	No	\$26.52	\$6.34
729	16-Aug-12	4	10	\$18.34	No	\$26.52	\$8.18
730	16-Aug-12	4	11	\$16.50	No	\$26.52	\$10.02
731	16-Aug-12	4	12	\$16.50	No	\$26.52	\$10.02
732	16-Aug-12	5	1	\$0.01	No	\$26.52	\$26.51
733	16-Aug-12	5	2	(\$33.97)	No	\$26.52	\$60.49
734	16-Aug-12	5	3	(\$32.53)	No	\$26.52	\$59.05
735	16-Aug-12	5	4	(\$32.66)	No	\$26.52	\$59.18
736	16-Aug-12	5	5	(\$32.58)	No	\$26.52	\$59.10
737	16-Aug-12	5	6	(\$32.62)	No	\$26.52	\$59.14
738	16-Aug-12	5	7	(\$32.61)	No	\$26.52	\$59.13
739	16-Aug-12	5	8	(\$32.60)	No	\$26.52	\$59.12
740	16-Aug-12	5	9	(\$32.54)	No	\$26.52	\$59.06
741	16-Aug-12	5	10	(\$32.29)	No	\$26.52	\$58.81
742	16-Aug-12	5	11	\$0.01	No	\$26.52	\$26.51
743	16-Aug-12	5	12	\$0.01	No	\$26.52	\$26.51
744	16-Aug-12	6	1	(\$33.86)	No	\$26.52	\$60.38
745	16-Aug-12	6	2	(\$32.44)	No	\$26.52	\$58.96
746	16-Aug-12	6	3	(\$32.53)	No	\$26.52	\$59.05
747	16-Aug-12	6	4	\$0.01	No	\$26.52	\$26.51
748	16-Aug-12	6	5	\$11.47	No	\$26.52	\$15.05
749	16-Aug-12	6	6	\$13.99	No	\$26.52	\$12.53
750	16-Aug-12	6	7	\$15.26	No	\$26.52	\$11.26
751	16-Aug-12	6	8	\$15.28	No	\$26.52	\$11.24
752	16-Aug-12	6	9	\$20.58	No	\$26.52	\$5.94
753	16-Aug-12	6	10	\$23.19	No	\$26.52	\$3.33
754	16-Aug-12	6	11	\$21.57	No	\$26.52	\$4.95
755	16-Aug-12	6	12	\$23.40	No	\$26.52	\$3.12
756	16-Aug-12	7	1	\$16.70	No	\$26.52	\$9.82
757	16-Aug-12	7	2	\$20.05	No	\$26.52	\$6.47
758	16-Aug-12	7	3	\$16.58	No	\$26.52	\$9.94
759	16-Aug-12	7	4	\$16.31	No	\$26.52	\$10.21
760	16-Aug-12	7	5	\$19.93	No	\$26.52	\$6.59
761	16-Aug-12	7	6	\$20.12	No	\$26.52	\$6.40
762	16-Aug-12	7	7	\$20.12	No	\$26.52	\$6.40

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	16-Aug-12	7	8	\$20.28	No	\$26.52	\$6.24
764	16-Aug-12	7	9	\$21.12	No	\$26.52	\$5.40
765	16-Aug-12	7	10	\$21.20	No	\$26.52	\$5.32
766	16-Aug-12	7	11	\$21.37	No	\$26.52	\$5.15
767	16-Aug-12	7	12	\$21.37	No	\$26.52	\$5.15
768	16-Aug-12	8	1	\$16.34	No	\$26.52	\$10.18
769	16-Aug-12	8	2	\$19.89	No	\$26.52	\$6.63
770	16-Aug-12	8	3	\$20.21	No	\$26.52	\$6.31
771	16-Aug-12	8	4	\$20.20	No	\$26.52	\$6.32
772	16-Aug-12	8	5	\$20.32	No	\$26.52	\$6.20
773	16-Aug-12	8	6	\$20.32	No	\$26.52	\$6.20
774	16-Aug-12	8	7	\$24.11	No	\$26.52	\$2.41
775	16-Aug-12	8	8	\$23.96	No	\$26.52	\$2.56
776	16-Aug-12	8	9	\$24.12	No	\$26.52	\$2.40
777	16-Aug-12	8	10	\$24.26	No	\$26.52	\$2.26
778	16-Aug-12	8	11	\$24.17	No	\$26.52	\$2.35
779	16-Aug-12	8	12	\$24.26	No	\$26.52	\$2.26
780	16-Aug-12	10	5	\$17.68	Yes	\$26.52	\$8.84
781	16-Aug-12	10	6	\$17.70	Yes	\$26.52	\$8.82
782	16-Aug-12	10	7	\$19.65	Yes	\$26.52	\$6.87
783	16-Aug-12	10	8	\$18.15	Yes	\$32.54	\$14.39
784	16-Aug-12	10	9	\$19.91	Yes	\$32.54	\$12.63
785	16-Aug-12	10	10	\$21.75	Yes	\$32.54	\$10.79
786	16-Aug-12	10	11	\$21.75	Yes	\$32.54	\$10.79
787	16-Aug-12	10	12	\$21.75	Yes	\$32.54	\$10.79
788	16-Aug-12	11	1	\$21.78	Yes	\$32.54	\$10.76
789	16-Aug-12	11	2	\$22.09	Yes	\$32.54	\$10.45
790	16-Aug-12	11	3	\$22.09	Yes	\$32.54	\$10.45
791	16-Aug-12	11	4	\$22.20	Yes	\$26.52	\$4.32
792	16-Aug-12	11	5	\$21.33	Yes	\$26.52	\$5.19
793	16-Aug-12	11	6	\$21.35	Yes	\$26.52	\$5.17
794	16-Aug-12	11	7	\$21.81	Yes	\$26.52	\$4.71
795	16-Aug-12	11	8	\$22.34	Yes	\$26.52	\$4.18
796	16-Aug-12	11	9	\$23.68	Yes	\$26.52	\$2.84
797	16-Aug-12	11	10	\$24.82	Yes	\$26.52	\$1.70
798	16-Aug-12	11	11	\$24.82	Yes	\$26.52	\$1.70
799	16-Aug-12	11	12	\$25.66	Yes	\$26.52	\$0.86
800	16-Aug-12	23	1	\$22.63	Yes	\$32.54	\$9.91
801	16-Aug-12	23	2	\$22.63	Yes	\$32.54	\$9.91
802	16-Aug-12	23	3	\$21.01	Yes	\$32.54	\$11.53
803	16-Aug-12	23	4	\$22.37	Yes	\$32.54	\$10.17
804	16-Aug-12	23	5	\$22.45	Yes	\$32.54	\$10.09
805	16-Aug-12	23	6	\$20.87	Yes	\$32.54	\$11.67
806	16-Aug-12	23	7	\$21.22	Yes	\$32.54	\$11.32
807	16-Aug-12	23	8	\$18.92	Yes	\$32.54	\$13.62

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	16-Aug-12	23	9	\$18.92	Yes	\$32.54	\$13.62
809	16-Aug-12	23	10	\$18.29	Yes	\$32.54	\$14.25
810	16-Aug-12	23	11	\$17.24	Yes	\$32.54	\$15.30
811	16-Aug-12	23	12	\$14.74	Yes	\$32.54	\$17.80
812	16-Aug-12	24	1	\$19.41	Yes	\$32.54	\$13.13
813	16-Aug-12	24	2	\$19.52	Yes	\$32.54	\$13.02
814	16-Aug-12	24	3	\$19.52	Yes	\$32.54	\$13.02
815	16-Aug-12	24	4	\$19.35	Yes	\$32.54	\$13.19
816	16-Aug-12	24	4	\$19.35	Yes	\$35.74	\$16.39
817	16-Aug-12	24	5	\$19.33	Yes	\$32.54	\$13.21
818	16-Aug-12	24	5	\$19.33	Yes	\$35.74	\$16.41
819	16-Aug-12	24	6	\$19.21	Yes	\$32.54	\$13.33
820	16-Aug-12	24	6	\$19.21	Yes	\$35.74	\$16.53
821	16-Aug-12	24	7	\$17.43	Yes	\$32.54	\$15.11
822	16-Aug-12	24	7	\$17.43	Yes	\$35.74	\$18.31
823	16-Aug-12	24	8	\$16.77	Yes	\$32.54	\$15.77
824	16-Aug-12	24	8	\$16.77	Yes	\$35.74	\$18.97
825	16-Aug-12	24	9	\$16.07	Yes	\$32.54	\$16.47
826	16-Aug-12	24	9	\$16.07	Yes	\$35.74	\$19.67
827	16-Aug-12	24	10	\$14.26	Yes	\$32.54	\$18.28
828	16-Aug-12	24	10	\$14.26	Yes	\$35.74	\$21.48
829	16-Aug-12	24	11	\$11.04	Yes	\$32.54	\$21.50
830	16-Aug-12	24	11	\$11.04	Yes	\$35.74	\$24.70
831	16-Aug-12	24	12	\$0.76	Yes	\$32.54	\$31.78
832	16-Aug-12	24	12	\$0.76	Yes	\$35.74	\$34.98
833	17-Aug-12	1	1	\$16.18	Yes	\$35.74	\$19.56
834	17-Aug-12	1	2	\$20.01	Yes	\$35.74	\$15.73
835	17-Aug-12	1	3	\$25.30	Yes	\$35.74	\$10.44
836	17-Aug-12	1	4	\$22.12	Yes	\$35.74	\$13.62
837	17-Aug-12	1	5	\$22.38	Yes	\$35.74	\$13.36
838	17-Aug-12	1	6	\$22.20	Yes	\$35.74	\$13.54
839	17-Aug-12	1	7	\$19.84	Yes	\$32.54	\$12.70
840	17-Aug-12	1	7	\$19.84	Yes	\$35.74	\$15.90
841	17-Aug-12	1	8	\$20.00	Yes	\$32.54	\$12.54
842	17-Aug-12	1	8	\$20.00	Yes	\$35.74	\$15.74
843	17-Aug-12	1	9	\$20.00	Yes	\$32.54	\$12.54
844	17-Aug-12	1	9	\$20.00	Yes	\$35.74	\$15.74
845	17-Aug-12	1	10	\$16.08	Yes	\$32.54	\$16.46
846	17-Aug-12	1	10	\$16.08	Yes	\$35.74	\$19.66
847	17-Aug-12	1	11	\$16.08	Yes	\$32.54	\$16.46
848	17-Aug-12	1	11	\$16.08	Yes	\$35.74	\$19.66
849	17-Aug-12	1	12	\$19.14	Yes	\$32.54	\$13.40
850	17-Aug-12	1	12	\$19.14	Yes	\$35.74	\$16.60
851	17-Aug-12	2	1	\$22.66	Yes	\$28.58	\$5.92
852	17-Aug-12	2	2	\$22.90	Yes	\$28.58	\$5.68

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	17-Aug-12	2	3	\$31.47	Yes	\$28.58	(\$2.89)
854	17-Aug-12	2	4	\$26.91	Yes	\$28.58	\$1.67
855	17-Aug-12	2	5	\$25.40	Yes	\$28.58	\$3.18
856	17-Aug-12	2	6	\$25.11	Yes	\$28.58	\$3.47
857	17-Aug-12	2	7	\$25.48	Yes	\$28.58	\$3.10
858	17-Aug-12	2	8	\$25.25	Yes	\$28.58	\$3.33
859	17-Aug-12	2	9	\$25.12	Yes	\$28.58	\$3.46
860	17-Aug-12	2	10	\$24.71	Yes	\$28.58	\$3.87
861	17-Aug-12	2	11	\$23.70	Yes	\$28.58	\$4.88
862	17-Aug-12	2	12	\$23.70	Yes	\$28.58	\$4.88
863	17-Aug-12	3	10	\$24.40	No	\$26.52	\$2.12
864	17-Aug-12	3	11	\$23.33	No	\$26.52	\$3.19
865	17-Aug-12	3	12	\$24.07	No	\$26.52	\$2.45
866	17-Aug-12	11	5	\$22.67	Yes	\$26.52	\$3.85
867	17-Aug-12	11	6	\$23.33	Yes	\$26.52	\$3.19
868	17-Aug-12	11	7	\$22.86	Yes	\$26.52	\$3.66
869	17-Aug-12	11	8	\$23.73	Yes	\$26.52	\$2.79
870	17-Aug-12	11	9	\$32.70	Yes	\$26.52	(\$6.18)
871	17-Aug-12	11	10	\$43.07	Yes	\$26.52	(\$16.55)
872	17-Aug-12	11	11	\$23.00	Yes	\$26.52	\$3.52
873	17-Aug-12	11	12	\$23.87	Yes	\$26.52	\$2.65
874	17-Aug-12	12	1	\$23.52	Yes	\$26.52	\$3.00
875	17-Aug-12	12	2	\$23.45	Yes	\$26.52	\$3.07
876	17-Aug-12	12	3	\$22.84	Yes	\$26.52	\$3.68
877	17-Aug-12	12	4	\$23.19	Yes	\$26.52	\$3.33
878	17-Aug-12	12	5	\$23.45	Yes	\$26.52	\$3.07
879	17-Aug-12	12	6	\$24.75	Yes	\$26.52	\$1.77
880	17-Aug-12	12	7	\$25.54	Yes	\$26.52	\$0.98
881	17-Aug-12	12	8	\$40.71	Yes	\$26.52	(\$14.19)
882	17-Aug-12	12	9	\$40.72	Yes	\$26.52	(\$14.20)
883	17-Aug-12	12	10	\$27.24	Yes	\$26.52	(\$0.72)
884	17-Aug-12	12	11	\$25.67	Yes	\$26.52	\$0.85
885	17-Aug-12	12	12	\$25.47	Yes	\$26.52	\$1.05
886	17-Aug-12	13	1	\$23.77	Yes	\$26.52	\$2.75
887	17-Aug-12	13	2	\$26.30	Yes	\$26.52	\$0.22
888	17-Aug-12	13	3	\$22.82	Yes	\$26.52	\$3.70
889	17-Aug-12	13	4	\$23.74	Yes	\$26.52	\$2.78
890	17-Aug-12	13	5	\$24.12	Yes	\$26.52	\$2.40
891	17-Aug-12	13	6	\$24.55	Yes	\$26.52	\$1.97
892	17-Aug-12	13	7	\$23.54	Yes	\$26.52	\$2.98
893	17-Aug-12	13	8	\$25.67	Yes	\$26.52	\$0.85
894	17-Aug-12	13	9	\$26.22	Yes	\$26.52	\$0.30
895	17-Aug-12	13	10	\$25.51	Yes	\$26.52	\$1.01
896	17-Aug-12	13	11	\$28.07	Yes	\$26.52	(\$1.55)
897	17-Aug-12	13	12	\$33.60	Yes	\$26.52	(\$7.08)



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	17-Aug-12	22	5	\$23.35	Yes	\$28.58	\$5.23
899	17-Aug-12	22	6	\$23.33	Yes	\$28.58	\$5.25
900	17-Aug-12	22	7	\$22.86	Yes	\$28.58	\$5.72
901	17-Aug-12	22	8	\$22.43	Yes	\$28.58	\$6.15
902	17-Aug-12	22	9	\$22.33	Yes	\$28.58	\$6.25
903	17-Aug-12	22	9	\$22.33	Yes	\$32.54	\$10.21
904	17-Aug-12	22	10	\$20.37	Yes	\$28.58	\$8.21
905	17-Aug-12	22	10	\$20.37	Yes	\$32.54	\$12.17
906	17-Aug-12	22	11	\$20.53	Yes	\$28.58	\$8.05
907	17-Aug-12	22	11	\$20.53	Yes	\$32.54	\$12.01
908	17-Aug-12	22	12	\$19.84	Yes	\$28.58	\$8.74
909	17-Aug-12	22	12	\$19.84	Yes	\$32.54	\$12.70
910	17-Aug-12	23	1	\$22.74	Yes	\$32.54	\$9.80
911	17-Aug-12	23	2	\$22.27	Yes	\$32.54	\$10.27
912	17-Aug-12	23	3	\$22.71	Yes	\$28.58	\$5.87
913	17-Aug-12	23	3	\$22.71	Yes	\$32.54	\$9.83
914	17-Aug-12	23	4	\$22.39	Yes	\$28.58	\$6.19
915	17-Aug-12	23	4	\$22.39	Yes	\$32.54	\$10.15
916	17-Aug-12	23	5	\$22.22	Yes	\$28.58	\$6.36
917	17-Aug-12	23	5	\$22.22	Yes	\$32.54	\$10.32
918	17-Aug-12	23	6	\$22.25	Yes	\$28.58	\$6.33
919	17-Aug-12	23	6	\$22.25	Yes	\$32.54	\$10.29
920	17-Aug-12	23	7	\$21.63	Yes	\$28.58	\$6.95
921	17-Aug-12	23	7	\$21.63	Yes	\$32.54	\$10.91
922	17-Aug-12	23	8	\$20.48	Yes	\$28.58	\$8.10
923	17-Aug-12	23	8	\$20.48	Yes	\$32.54	\$12.06
924	17-Aug-12	23	9	\$20.04	Yes	\$28.58	\$8.54
925	17-Aug-12	23	9	\$20.04	Yes	\$32.54	\$12.50
926	17-Aug-12	23	10	\$20.22	Yes	\$28.58	\$8.36
927	17-Aug-12	23	10	\$20.22	Yes	\$32.54	\$12.32
928	17-Aug-12	23	11	\$20.05	Yes	\$28.58	\$8.53
929	17-Aug-12	23	11	\$20.05	Yes	\$32.54	\$12.49
930	17-Aug-12	23	12	\$18.09	Yes	\$28.58	\$10.49
931	17-Aug-12	23	12	\$18.09	Yes	\$32.54	\$14.45
932	17-Aug-12	24	1	\$20.12	Yes	\$28.58	\$8.46
933	17-Aug-12	24	2	\$20.12	Yes	\$28.58	\$8.46
934	17-Aug-12	24	3	\$21.19	Yes	\$28.58	\$7.39
935	17-Aug-12	24	4	\$21.83	Yes	\$28.58	\$6.75
936	17-Aug-12	24	5	\$21.20	Yes	\$28.58	\$7.38
937	17-Aug-12	24	6	\$22.52	Yes	\$28.58	\$6.06
938	17-Aug-12	24	7	\$22.58	Yes	\$28.58	\$6.00
939	17-Aug-12	24	8	\$18.90	Yes	\$28.58	\$9.68
940	17-Aug-12	24	9	\$20.98	Yes	\$28.58	\$7.60
941	17-Aug-12	24	10	\$20.33	Yes	\$28.58	\$8.25
942	17-Aug-12	24	11	\$20.33	Yes	\$28.58	\$8.25

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943	17-Aug-12	24	12	\$18.00	Yes	\$28.58	\$10.58
944	18-Aug-12	22	1	\$29.54	Yes	\$26.52	(\$3.02)
945	18-Aug-12	22	2	\$19.98	Yes	\$26.52	\$6.54
946	18-Aug-12	22	3	\$19.66	Yes	\$26.52	\$6.86
947	18-Aug-12	22	4	\$22.97	Yes	\$26.52	\$3.55
948	18-Aug-12	22	5	\$22.13	Yes	\$26.52	\$4.39
949	18-Aug-12	22	6	\$20.71	Yes	\$26.52	\$5.81
950	18-Aug-12	22	7	\$25.82	Yes	\$26.52	\$0.70
951	18-Aug-12	22	8	\$25.87	Yes	\$26.52	\$0.65
952	18-Aug-12	22	9	\$25.83	Yes	\$26.52	\$0.69
953	18-Aug-12	22	10	\$20.83	Yes	\$26.52	\$5.69
954	18-Aug-12	22	11	\$19.24	Yes	\$26.52	\$7.28
955	18-Aug-12	22	12	\$15.88	Yes	\$26.52	\$10.64
956	18-Aug-12	23	1	\$18.10	Yes	\$26.52	\$8.42
957	18-Aug-12	23	2	\$18.10	Yes	\$26.52	\$8.42
958	18-Aug-12	23	3	\$25.87	Yes	\$26.52	\$0.65
959	18-Aug-12	23	4	\$23.26	Yes	\$26.52	\$3.26
960	18-Aug-12	23	5	\$22.77	Yes	\$26.52	\$3.75
961	18-Aug-12	23	6	\$20.83	Yes	\$26.52	\$5.69
962	18-Aug-12	23	7	\$22.63	Yes	\$26.52	\$3.89
963	18-Aug-12	23	8	\$22.17	Yes	\$26.52	\$4.35
964	18-Aug-12	23	9	\$21.25	Yes	\$26.52	\$5.27
965	18-Aug-12	23	10	\$19.55	Yes	\$26.52	\$6.97
966	18-Aug-12	23	11	\$19.47	Yes	\$26.52	\$7.05
967	18-Aug-12	23	12	\$17.09	Yes	\$26.52	\$9.43
968	19-Aug-12	12	9	\$22.99	Yes	\$26.52	\$3.53
969	19-Aug-12	12	10	\$26.10	Yes	\$26.52	\$0.42
970	19-Aug-12	12	11	\$26.14	Yes	\$26.52	\$0.38
971	19-Aug-12	12	12	\$26.61	Yes	\$26.52	(\$0.09)
972	19-Aug-12	13	1	\$22.46	Yes	\$26.52	\$4.06
973	19-Aug-12	13	2	\$22.54	Yes	\$26.52	\$3.98
974	19-Aug-12	13	3	\$21.17	Yes	\$26.52	\$5.35
975	19-Aug-12	13	3	\$21.17	Yes	\$28.58	\$7.41
976	19-Aug-12	13	4	\$20.73	Yes	\$26.52	\$5.79
977	19-Aug-12	13	4	\$20.73	Yes	\$28.58	\$7.85
978	19-Aug-12	13	5	\$21.77	Yes	\$26.52	\$4.75
979	19-Aug-12	13	5	\$21.77	Yes	\$28.58	\$6.81
980	19-Aug-12	13	6	\$22.39	Yes	\$26.52	\$4.13
981	19-Aug-12	13	6	\$22.39	Yes	\$28.58	\$6.19
982	19-Aug-12	13	7	\$22.48	Yes	\$26.52	\$4.04
983	19-Aug-12	13	7	\$22.48	Yes	\$28.58	\$6.10
984	19-Aug-12	13	8	\$26.30	Yes	\$26.52	\$0.22
985	19-Aug-12	13	8	\$26.30	Yes	\$28.58	\$2.28
986	19-Aug-12	13	9	\$26.51	Yes	\$26.52	\$0.01
987	19-Aug-12	13	9	\$26.51	Yes	\$28.58	\$2.07

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	19-Aug-12	13	10	\$103.11	Yes	\$26.52	(\$76.59)
989	19-Aug-12	13	10	\$103.11	Yes	\$28.58	(\$74.53)
990	19-Aug-12	13	11	\$65.89	Yes	\$26.52	(\$39.37)
991	19-Aug-12	13	11	\$65.89	Yes	\$28.58	(\$37.31)
992	19-Aug-12	13	12	\$67.77	Yes	\$26.52	(\$41.25)
993	19-Aug-12	13	12	\$67.77	Yes	\$28.58	(\$39.19)
994	19-Aug-12	14	1	\$25.56	Yes	\$28.58	\$3.02
995	19-Aug-12	14	2	\$25.56	Yes	\$28.58	\$3.02
996	19-Aug-12	14	3	\$25.56	Yes	\$28.58	\$3.02
997	19-Aug-12	14	4	\$25.65	Yes	\$28.58	\$2.93
998	19-Aug-12	14	5	\$25.79	Yes	\$28.58	\$2.79
999	19-Aug-12	14	6	\$26.28	Yes	\$28.58	\$2.30
1000	19-Aug-12	14	7	\$32.89	Yes	\$28.58	(\$4.31)
1001	19-Aug-12	14	8	\$27.20	Yes	\$28.58	\$1.38
1002	19-Aug-12	14	9	\$27.83	Yes	\$28.58	\$0.75
1003	19-Aug-12	14	10	\$33.12	Yes	\$28.58	(\$4.54)
1004	19-Aug-12	14	11	\$32.52	Yes	\$28.58	(\$3.94)
1005	19-Aug-12	14	12	\$36.55	Yes	\$28.58	(\$7.97)
1006	19-Aug-12	15	1	\$25.56	Yes	\$28.58	\$3.02
1007	19-Aug-12	15	2	\$22.02	Yes	\$28.58	\$6.56
1008	19-Aug-12	15	3	\$22.30	Yes	\$28.58	\$6.28
1009	19-Aug-12	15	4	\$25.08	Yes	\$28.58	\$3.50
1010	19-Aug-12	15	5	\$25.85	Yes	\$28.58	\$2.73
1011	19-Aug-12	15	6	\$26.36	Yes	\$28.58	\$2.22
1012	19-Aug-12	15	7	\$26.44	Yes	\$28.58	\$2.14
1013	19-Aug-12	15	8	\$26.46	Yes	\$28.58	\$2.12
1014	19-Aug-12	15	9	\$26.55	Yes	\$28.58	\$2.03
1015	19-Aug-12	15	10	\$26.39	Yes	\$28.58	\$2.19
1016	19-Aug-12	15	11	\$26.44	Yes	\$28.58	\$2.14
1017	19-Aug-12	15	12	\$26.21	Yes	\$28.58	\$2.37
1018	19-Aug-12	16	1	\$26.84	Yes	\$28.58	\$1.74
1019	19-Aug-12	16	2	\$29.57	Yes	\$28.58	(\$0.99)
1020	19-Aug-12	16	3	\$27.92	Yes	\$28.58	\$0.66
1021	19-Aug-12	16	4	\$26.33	Yes	\$28.58	\$2.25
1022	19-Aug-12	16	5	\$26.28	Yes	\$28.58	\$2.30
1023	19-Aug-12	16	6	\$26.14	Yes	\$28.58	\$2.44
1024	19-Aug-12	16	7	\$26.47	Yes	\$28.58	\$2.11
1025	19-Aug-12	16	8	\$26.39	Yes	\$28.58	\$2.19
1026	19-Aug-12	16	8	\$26.39	Yes	\$48.67	\$22.28
1027	19-Aug-12	16	9	\$26.46	Yes	\$28.58	\$2.12
1028	19-Aug-12	16	9	\$26.46	Yes	\$48.67	\$22.21
1029	19-Aug-12	16	10	\$26.31	Yes	\$28.58	\$2.27
1030	19-Aug-12	16	10	\$26.31	Yes	\$48.67	\$22.36
1031	19-Aug-12	16	11	\$26.30	Yes	\$28.58	\$2.28
1032	19-Aug-12	16	11	\$26.30	Yes	\$48.67	\$22.37

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	19-Aug-12	16	12	\$26.08	Yes	\$28.58	\$2.50
1034	19-Aug-12	16	12	\$26.08	Yes	\$48.67	\$22.59
1035	19-Aug-12	17	1	\$25.44	Yes	\$48.67	\$23.23
1036	19-Aug-12	17	2	\$24.73	Yes	\$48.67	\$23.94
1037	19-Aug-12	17	3	\$25.06	Yes	\$48.67	\$23.61
1038	19-Aug-12	17	4	\$24.89	Yes	\$48.67	\$23.78
1039	19-Aug-12	17	5	\$24.55	Yes	\$48.67	\$24.12
1040	19-Aug-12	17	6	\$25.06	Yes	\$48.67	\$23.61
1041	19-Aug-12	17	7	\$25.17	Yes	\$48.67	\$23.50
1042	19-Aug-12	17	8	\$25.51	Yes	\$48.67	\$23.16
1043	19-Aug-12	17	9	\$26.13	Yes	\$48.67	\$22.54
1044	19-Aug-12	17	10	\$28.02	Yes	\$48.67	\$20.65
1045	19-Aug-12	17	11	\$25.82	Yes	\$48.67	\$22.85
1046	19-Aug-12	17	12	\$29.20	Yes	\$48.67	\$19.47
1047	19-Aug-12	18	1	\$26.23	Yes	\$48.67	\$22.44
1048	19-Aug-12	18	2	\$26.65	Yes	\$48.67	\$22.02
1049	19-Aug-12	18	3	\$27.13	Yes	\$48.67	\$21.54
1050	19-Aug-12	18	4	\$26.74	Yes	\$48.67	\$21.93
1051	19-Aug-12	18	5	\$26.59	Yes	\$48.67	\$22.08
1052	19-Aug-12	18	6	\$26.71	Yes	\$48.67	\$21.96
1053	19-Aug-12	18	7	\$28.82	Yes	\$37.54	\$8.72
1054	19-Aug-12	18	7	\$28.82	Yes	\$48.67	\$19.85
1055	19-Aug-12	18	8	\$28.79	Yes	\$37.54	\$8.75
1056	19-Aug-12	18	8	\$28.79	Yes	\$48.67	\$19.88
1057	19-Aug-12	18	9	\$28.77	Yes	\$37.54	\$8.77
1058	19-Aug-12	18	9	\$28.77	Yes	\$48.67	\$19.90
1059	19-Aug-12	18	10	\$113.03	Yes	\$37.54	(\$75.49)
1060	19-Aug-12	18	10	\$113.03	Yes	\$48.67	(\$64.36)
1061	19-Aug-12	18	11	\$34.08	Yes	\$37.54	\$3.46
1062	19-Aug-12	18	11	\$34.08	Yes	\$48.67	\$14.59
1063	19-Aug-12	18	12	\$25.75	Yes	\$37.54	\$11.79
1064	19-Aug-12	18	12	\$25.75	Yes	\$48.67	\$22.92
1065	19-Aug-12	19	1	\$26.58	Yes	\$37.54	\$10.96
1066	19-Aug-12	19	2	\$26.58	Yes	\$37.54	\$10.96
1067	19-Aug-12	19	3	\$27.47	Yes	\$37.54	\$10.07
1068	19-Aug-12	19	4	\$26.92	Yes	\$37.54	\$10.62
1069	19-Aug-12	19	5	\$26.92	Yes	\$37.54	\$10.62
1070	19-Aug-12	19	6	\$26.92	Yes	\$37.54	\$10.62
1071	19-Aug-12	19	7	\$26.64	Yes	\$37.54	\$10.90
1072	19-Aug-12	19	8	\$26.40	Yes	\$37.54	\$11.14
1073	19-Aug-12	19	9	\$26.40	Yes	\$35.74	\$9.34
1074	19-Aug-12	19	9	\$26.40	Yes	\$37.54	\$11.14
1075	19-Aug-12	19	10	\$30.44	Yes	\$35.74	\$5.30
1076	19-Aug-12	19	10	\$30.44	Yes	\$37.54	\$7.10
1077	19-Aug-12	19	11	\$30.98	Yes	\$35.74	\$4.76

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	19-Aug-12	19	11	\$30.98	Yes	\$37.54	\$6.56
1079	19-Aug-12	19	12	\$28.41	Yes	\$35.74	\$7.33
1080	19-Aug-12	19	12	\$28.41	Yes	\$37.54	\$9.13
1081	19-Aug-12	20	1	\$28.91	Yes	\$35.74	\$6.83
1082	19-Aug-12	20	2	\$28.84	Yes	\$35.74	\$6.90
1083	19-Aug-12	20	3	\$29.02	Yes	\$35.74	\$6.72
1084	19-Aug-12	20	4	\$28.48	Yes	\$35.74	\$7.26
1085	19-Aug-12	20	12	\$27.06	Yes	\$32.54	\$5.48
1086	19-Aug-12	21	1	\$27.98	Yes	\$32.54	\$4.56
1087	19-Aug-12	21	2	\$28.19	Yes	\$32.54	\$4.35
1088	19-Aug-12	21	3	\$27.98	Yes	\$32.54	\$4.56
1089	19-Aug-12	21	4	\$27.73	Yes	\$32.54	\$4.81
1090	19-Aug-12	21	5	\$29.38	Yes	\$32.54	\$3.16
1091	19-Aug-12	21	6	\$27.73	Yes	\$32.54	\$4.81
1092	19-Aug-12	21	7	\$27.86	Yes	\$32.54	\$4.68
1093	19-Aug-12	21	8	\$27.86	Yes	\$32.54	\$4.68
1094	19-Aug-12	21	9	\$26.88	Yes	\$32.54	\$5.66
1095	19-Aug-12	21	10	\$26.71	Yes	\$28.58	\$1.87
1096	19-Aug-12	21	10	\$26.71	Yes	\$32.54	\$5.83
1097	19-Aug-12	21	11	\$26.40	Yes	\$28.58	\$2.18
1098	19-Aug-12	21	11	\$26.40	Yes	\$32.54	\$6.14
1099	19-Aug-12	21	12	\$26.16	Yes	\$28.58	\$2.42
1100	19-Aug-12	21	12	\$26.16	Yes	\$32.54	\$6.38
1101	19-Aug-12	22	1	\$23.12	Yes	\$35.74	\$12.62
1102	19-Aug-12	22	2	\$23.12	Yes	\$35.74	\$12.62
1103	19-Aug-12	22	3	\$23.12	Yes	\$35.74	\$12.62
1104	19-Aug-12	22	4	\$23.43	Yes	\$35.74	\$12.31
1105	19-Aug-12	22	5	\$23.25	Yes	\$35.74	\$12.49
1106	19-Aug-12	22	6	\$23.10	Yes	\$35.74	\$12.64
1107	19-Aug-12	22	7	\$22.49	Yes	\$35.74	\$13.25
1108	19-Aug-12	22	8	\$22.49	Yes	\$35.74	\$13.25
1109	19-Aug-12	22	9	\$22.37	Yes	\$35.74	\$13.37
1110	19-Aug-12	22	10	\$21.55	Yes	\$35.74	\$14.19
1111	19-Aug-12	22	11	\$20.66	Yes	\$35.74	\$15.08
1112	19-Aug-12	22	12	\$14.95	Yes	\$35.74	\$20.79
1113	19-Aug-12	23	1	\$20.93	Yes	\$34.87	\$13.94
1114	19-Aug-12	23	2	\$20.02	Yes	\$34.87	\$14.85
1115	19-Aug-12	23	3	\$21.61	Yes	\$34.87	\$13.26
1116	19-Aug-12	23	4	\$21.65	Yes	\$34.87	\$13.22
1117	19-Aug-12	23	5	\$19.69	Yes	\$34.87	\$15.18
1118	19-Aug-12	23	6	\$21.15	Yes	\$34.87	\$13.72
1119	19-Aug-12	23	7	\$19.27	Yes	\$34.87	\$15.60
1120	19-Aug-12	23	8	\$18.29	Yes	\$34.87	\$16.58
1121	19-Aug-12	23	9	\$13.40	Yes	\$34.87	\$21.47
1122	19-Aug-12	23	10	\$14.78	Yes	\$34.87	\$20.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	19-Aug-12	23	11	\$12.39	Yes	\$34.87	\$22.48
1124	19-Aug-12	23	12	\$12.39	Yes	\$34.87	\$22.48
1125	19-Aug-12	24	1	\$22.36	Yes	\$37.54	\$15.18
1126	19-Aug-12	24	2	\$22.45	Yes	\$37.54	\$15.09
1127	19-Aug-12	24	3	\$22.45	Yes	\$37.54	\$15.09
1128	19-Aug-12	24	4	\$22.11	Yes	\$37.54	\$15.43
1129	19-Aug-12	24	5	\$21.44	Yes	\$35.74	\$14.30
1130	19-Aug-12	24	5	\$21.44	Yes	\$37.54	\$16.10
1131	19-Aug-12	24	6	\$20.32	Yes	\$35.74	\$15.42
1132	19-Aug-12	24	6	\$20.32	Yes	\$37.54	\$17.22
1133	19-Aug-12	24	7	\$11.57	Yes	\$35.74	\$24.17
1134	19-Aug-12	24	8	\$11.40	Yes	\$35.74	\$24.34
1135	19-Aug-12	24	9	\$11.57	Yes	\$35.74	\$24.17
1136	19-Aug-12	24	10	\$10.56	Yes	\$35.74	\$25.18
1137	19-Aug-12	24	11	\$10.56	Yes	\$35.74	\$25.18
1138	19-Aug-12	24	12	\$10.56	Yes	\$30.70	\$20.14
1139	19-Aug-12	24	12	\$10.56	Yes	\$35.74	\$25.18
1140	20-Aug-12	1	1	\$20.47	Yes	\$30.70	\$10.23
1141	20-Aug-12	1	2	\$20.47	Yes	\$30.70	\$10.23
1142	20-Aug-12	1	3	\$23.78	Yes	\$30.70	\$6.92
1143	20-Aug-12	1	4	\$27.70	Yes	\$30.70	\$3.00
1144	20-Aug-12	1	5	\$25.84	Yes	\$30.70	\$4.86
1145	20-Aug-12	1	6	\$25.55	Yes	\$30.70	\$5.15
1146	20-Aug-12	12	2	\$26.66	Yes	\$26.52	(\$0.14)
1147	20-Aug-12	12	3	\$29.12	Yes	\$26.52	(\$2.60)
1148	20-Aug-12	12	4	\$26.44	Yes	\$26.52	\$0.08
1149	20-Aug-12	12	5	\$35.00	Yes	\$26.52	(\$8.48)
1150	20-Aug-12	12	6	\$37.43	Yes	\$26.52	(\$10.91)
1151	20-Aug-12	12	7	\$44.35	Yes	\$26.52	(\$17.83)
1152	20-Aug-12	12	8	\$41.32	Yes	\$26.52	(\$14.80)
1153	20-Aug-12	12	9	\$41.32	Yes	\$26.52	(\$14.80)
1154	20-Aug-12	12	10	\$39.19	Yes	\$26.52	(\$12.67)
1155	20-Aug-12	12	11	\$38.66	Yes	\$26.52	(\$12.14)
1156	20-Aug-12	12	12	\$27.35	Yes	\$26.52	(\$0.83)
1157	20-Aug-12	13	1	\$26.89	Yes	\$26.52	(\$0.37)
1158	20-Aug-12	13	2	\$26.89	Yes	\$26.52	(\$0.37)
1159	20-Aug-12	13	3	\$25.92	Yes	\$26.52	\$0.60
1160	20-Aug-12	13	4	\$24.86	Yes	\$26.52	\$1.66
1161	20-Aug-12	13	5	\$26.36	Yes	\$26.52	\$0.16
1162	20-Aug-12	13	6	\$32.87	Yes	\$26.52	(\$6.35)
1163	20-Aug-12	13	7	\$25.74	Yes	\$26.52	\$0.78
1164	20-Aug-12	13	8	\$27.33	Yes	\$26.52	(\$0.81)
1165	20-Aug-12	13	9	\$26.96	Yes	\$26.52	(\$0.44)
1166	20-Aug-12	13	10	\$28.16	Yes	\$26.52	(\$1.64)
1167	20-Aug-12	13	10	\$28.16	Yes	\$28.58	\$0.42

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	20-Aug-12	13	11	\$28.90	Yes	\$26.52	(\$2.38)
1169	20-Aug-12	13	11	\$28.90	Yes	\$28.58	(\$0.32)
1170	20-Aug-12	13	12	\$32.32	Yes	\$26.52	(\$5.80)
1171	20-Aug-12	13	12	\$32.32	Yes	\$28.58	(\$3.74)
1172	20-Aug-12	14	1	\$32.32	Yes	\$28.58	(\$3.74)
1173	20-Aug-12	14	2	\$26.86	Yes	\$28.58	\$1.72
1174	20-Aug-12	14	3	\$26.86	Yes	\$28.58	\$1.72
1175	20-Aug-12	14	4	\$26.77	Yes	\$28.58	\$1.81
1176	20-Aug-12	14	5	\$28.51	Yes	\$28.58	\$0.07
1177	20-Aug-12	14	6	\$28.24	Yes	\$28.58	\$0.34
1178	20-Aug-12	14	7	\$32.18	Yes	\$28.58	(\$3.60)
1179	20-Aug-12	14	8	\$32.55	Yes	\$28.58	(\$3.97)
1180	20-Aug-12	14	9	\$32.28	Yes	\$28.58	(\$3.70)
1181	20-Aug-12	14	10	\$31.03	Yes	\$28.58	(\$2.45)
1182	20-Aug-12	14	11	\$31.01	Yes	\$28.58	(\$2.43)
1183	20-Aug-12	14	12	\$28.57	Yes	\$28.58	\$0.01
1184	20-Aug-12	15	1	\$33.14	Yes	\$28.58	(\$4.56)
1185	20-Aug-12	15	2	\$33.13	Yes	\$28.58	(\$4.55)
1186	20-Aug-12	15	3	\$35.56	Yes	\$28.58	(\$6.98)
1187	20-Aug-12	15	4	\$32.13	Yes	\$28.58	(\$3.55)
1188	20-Aug-12	15	5	\$32.64	Yes	\$28.58	(\$4.06)
1189	20-Aug-12	15	6	\$32.64	Yes	\$28.58	(\$4.06)
1190	20-Aug-12	15	7	\$36.40	Yes	\$28.58	(\$7.82)
1191	20-Aug-12	15	8	\$39.72	Yes	\$28.58	(\$11.14)
1192	20-Aug-12	15	9	\$34.79	Yes	\$28.58	(\$6.21)
1193	20-Aug-12	15	10	\$32.91	Yes	\$28.58	(\$4.33)
1194	20-Aug-12	15	11	\$32.50	Yes	\$28.58	(\$3.92)
1195	20-Aug-12	15	12	\$32.36	Yes	\$28.58	(\$3.78)
1196	20-Aug-12	16	1	\$35.09	Yes	\$28.58	(\$6.51)
1197	20-Aug-12	16	2	\$34.10	Yes	\$28.58	(\$5.52)
1198	20-Aug-12	16	3	\$45.27	Yes	\$28.58	(\$16.69)
1199	20-Aug-12	16	4	\$32.82	Yes	\$28.58	(\$4.24)
1200	20-Aug-12	16	5	\$32.81	Yes	\$28.58	(\$4.23)
1201	20-Aug-12	16	6	\$32.81	Yes	\$28.58	(\$4.23)
1202	20-Aug-12	16	7	\$32.60	Yes	\$28.58	(\$4.02)
1203	20-Aug-12	16	8	\$33.11	Yes	\$28.58	(\$4.53)
1204	20-Aug-12	16	9	\$33.37	Yes	\$28.58	(\$4.79)
1205	20-Aug-12	16	10	\$33.85	Yes	\$28.58	(\$5.27)
1206	20-Aug-12	16	11	\$33.82	Yes	\$28.58	(\$5.24)
1207	20-Aug-12	16	12	\$33.52	Yes	\$28.58	(\$4.94)
1208	20-Aug-12	17	1	\$33.60	Yes	\$28.58	(\$5.02)
1209	20-Aug-12	17	2	\$33.43	Yes	\$28.58	(\$4.85)
1210	20-Aug-12	17	3	\$33.32	Yes	\$28.58	(\$4.74)
1211	20-Aug-12	17	4	\$33.30	Yes	\$28.58	(\$4.72)
1212	20-Aug-12	17	5	\$33.57	Yes	\$28.58	(\$4.99)

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	20-Aug-12	17	6	\$33.57	Yes	\$28.58	(\$4.99)
1214	20-Aug-12	17	7	\$33.63	Yes	\$28.58	(\$5.05)
1215	20-Aug-12	17	8	\$33.57	Yes	\$28.58	(\$4.99)
1216	20-Aug-12	17	9	\$33.60	Yes	\$28.58	(\$5.02)
1217	20-Aug-12	17	10	\$33.82	Yes	\$28.58	(\$5.24)
1218	20-Aug-12	17	11	\$33.82	Yes	\$28.58	(\$5.24)
1219	20-Aug-12	17	12	\$33.57	Yes	\$28.58	(\$4.99)
1220	20-Aug-12	18	1	\$33.46	Yes	\$28.58	(\$4.88)
1221	20-Aug-12	18	2	\$33.11	Yes	\$28.58	(\$4.53)
1222	20-Aug-12	18	3	\$33.08	Yes	\$28.58	(\$4.50)
1223	20-Aug-12	18	4	\$37.28	Yes	\$28.58	(\$8.70)
1224	20-Aug-12	18	5	\$32.41	Yes	\$28.58	(\$3.83)
1225	20-Aug-12	18	6	\$30.02	Yes	\$28.58	(\$1.44)
1226	20-Aug-12	18	7	\$30.98	Yes	\$28.58	(\$2.40)
1227	20-Aug-12	18	8	\$32.18	Yes	\$28.58	(\$3.60)
1228	20-Aug-12	18	9	\$31.28	Yes	\$28.58	(\$2.70)
1229	20-Aug-12	18	10	\$32.46	Yes	\$28.58	(\$3.88)
1230	20-Aug-12	18	11	\$32.50	Yes	\$28.58	(\$3.92)
1231	20-Aug-12	18	12	\$31.38	Yes	\$28.58	(\$2.80)
1232	20-Aug-12	19	1	\$32.70	Yes	\$28.58	(\$4.12)
1233	20-Aug-12	19	2	\$32.69	Yes	\$28.58	(\$4.11)
1234	20-Aug-12	19	3	\$33.53	Yes	\$28.58	(\$4.95)
1235	20-Aug-12	19	4	\$37.65	Yes	\$28.58	(\$9.07)
1236	20-Aug-12	19	5	\$37.66	Yes	\$28.58	(\$9.08)
1237	20-Aug-12	19	6	\$37.08	Yes	\$28.58	(\$8.50)
1238	20-Aug-12	19	7	\$36.69	Yes	\$28.58	(\$8.11)
1239	20-Aug-12	19	8	\$36.16	Yes	\$28.58	(\$7.58)
1240	20-Aug-12	19	9	\$34.77	Yes	\$28.58	(\$6.19)
1241	20-Aug-12	19	10	\$32.43	Yes	\$28.58	(\$3.85)
1242	20-Aug-12	19	11	\$31.23	Yes	\$28.58	(\$2.65)
1243	20-Aug-12	19	12	\$28.31	Yes	\$28.58	\$0.27
1244	20-Aug-12	20	1	\$30.84	Yes	\$28.58	(\$2.26)
1245	20-Aug-12	20	2	\$30.04	Yes	\$28.58	(\$1.46)
1246	20-Aug-12	20	3	\$30.84	Yes	\$28.58	(\$2.26)
1247	20-Aug-12	20	4	\$30.35	Yes	\$28.58	(\$1.77)
1248	20-Aug-12	20	5	\$28.17	Yes	\$28.58	\$0.41
1249	20-Aug-12	20	6	\$28.17	Yes	\$28.58	\$0.41
1250	20-Aug-12	20	7	\$28.36	Yes	\$28.58	\$0.22
1251	20-Aug-12	20	8	\$27.94	Yes	\$28.58	\$0.64
1252	20-Aug-12	20	9	\$27.21	Yes	\$28.58	\$1.37
1253	20-Aug-12	20	10	\$27.83	Yes	\$28.58	\$0.75
1254	20-Aug-12	20	11	\$27.83	Yes	\$28.58	\$0.75
1255	20-Aug-12	20	12	\$27.83	Yes	\$28.58	\$0.75
1256	20-Aug-12	21	1	\$30.46	Yes	\$28.58	(\$1.88)
1257	20-Aug-12	21	2	\$29.79	Yes	\$28.58	(\$1.21)



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	20-Aug-12	21	3	\$29.78	Yes	\$28.58	(\$1.20)
1259	20-Aug-12	21	4	\$38.97	Yes	\$28.58	(\$10.39)
1260	20-Aug-12	21	5	\$34.25	Yes	\$28.58	(\$5.67)
1261	20-Aug-12	21	6	\$32.41	Yes	\$28.58	(\$3.83)
1262	20-Aug-12	21	7	\$31.61	Yes	\$28.58	(\$3.03)
1263	20-Aug-12	21	8	\$27.83	Yes	\$28.58	\$0.75
1264	20-Aug-12	21	9	\$27.83	Yes	\$28.58	\$0.75
1265	20-Aug-12	21	10	\$30.27	Yes	\$28.58	(\$1.69)
1266	20-Aug-12	21	11	\$26.15	Yes	\$28.58	\$2.43
1267	20-Aug-12	21	12	\$23.10	Yes	\$28.58	\$5.48
1268	20-Aug-12	22	1	\$22.93	Yes	\$28.58	\$5.65
1269	20-Aug-12	22	2	\$22.32	Yes	\$28.58	\$6.26
1270	20-Aug-12	22	3	\$22.92	Yes	\$28.58	\$5.66
1271	20-Aug-12	22	4	\$22.94	Yes	\$28.58	\$5.64
1272	20-Aug-12	22	5	\$22.99	Yes	\$28.58	\$5.59
1273	20-Aug-12	22	6	\$22.94	Yes	\$28.58	\$5.64
1274	20-Aug-12	22	7	\$21.92	Yes	\$28.58	\$6.66
1275	20-Aug-12	22	8	\$22.95	Yes	\$28.58	\$5.63
1276	20-Aug-12	22	9	\$21.15	Yes	\$28.58	\$7.43
1277	20-Aug-12	22	10	\$20.01	Yes	\$28.58	\$8.57
1278	20-Aug-12	22	11	\$18.27	Yes	\$28.58	\$10.31
1279	20-Aug-12	22	12	\$14.05	Yes	\$28.58	\$14.53
1280	20-Aug-12	23	1	\$22.91	Yes	\$26.52	\$3.61
1281	20-Aug-12	23	2	\$24.02	Yes	\$26.52	\$2.50
1282	20-Aug-12	23	3	\$30.27	Yes	\$26.52	(\$3.75)
1283	20-Aug-12	23	4	\$23.05	Yes	\$26.52	\$3.47
1284	20-Aug-12	23	5	\$23.05	Yes	\$26.52	\$3.47
1285	20-Aug-12	23	6	\$20.65	Yes	\$26.52	\$5.87
1286	20-Aug-12	23	7	\$20.13	Yes	\$26.52	\$6.39
1287	20-Aug-12	23	8	\$20.21	Yes	\$26.52	\$6.31
1288	20-Aug-12	23	9	\$20.08	Yes	\$26.52	\$6.44
1289	20-Aug-12	23	10	\$18.89	Yes	\$26.52	\$7.63
1290	20-Aug-12	23	11	\$18.62	Yes	\$26.52	\$7.90
1291	20-Aug-12	23	12	\$18.32	Yes	\$26.52	\$8.20
1292	20-Aug-12	24	1	\$21.31	Yes	\$26.52	\$5.21
1293	20-Aug-12	24	2	\$21.15	Yes	\$26.52	\$5.37
1294	20-Aug-12	24	3	\$22.52	Yes	\$26.52	\$4.00
1295	21-Aug-12	12	4	\$22.59	Yes	\$48.67	\$26.08
1296	21-Aug-12	12	5	\$22.59	Yes	\$48.67	\$26.08
1297	21-Aug-12	12	6	\$21.93	Yes	\$48.67	\$26.74
1298	21-Aug-12	12	7	\$26.70	Yes	\$48.67	\$21.97
1299	21-Aug-12	12	8	\$23.04	Yes	\$48.67	\$25.63
1300	21-Aug-12	12	9	\$23.04	Yes	\$48.67	\$25.63
1301	21-Aug-12	12	10	\$21.73	Yes	\$48.67	\$26.94
1302	21-Aug-12	12	11	\$22.08	Yes	\$48.67	\$26.59

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	21-Aug-12	12	12	\$22.49	Yes	\$48.67	\$26.18
1304	21-Aug-12	13	1	\$20.89	Yes	\$48.67	\$27.78
1305	21-Aug-12	13	2	\$20.07	Yes	\$48.67	\$28.60
1306	21-Aug-12	13	3	\$20.40	Yes	\$48.67	\$28.27
1307	21-Aug-12	13	4	\$20.41	Yes	\$48.67	\$28.26
1308	21-Aug-12	13	5	\$21.95	Yes	\$48.67	\$26.72
1309	21-Aug-12	13	6	\$22.71	Yes	\$32.54	\$9.83
1310	21-Aug-12	13	6	\$22.71	Yes	\$48.67	\$25.96
1311	21-Aug-12	13	7	\$22.50	Yes	\$32.54	\$10.04
1312	21-Aug-12	13	7	\$22.50	Yes	\$48.67	\$26.17
1313	21-Aug-12	13	8	\$22.82	Yes	\$32.54	\$9.72
1314	21-Aug-12	13	8	\$22.82	Yes	\$48.67	\$25.85
1315	21-Aug-12	13	9	\$23.36	Yes	\$32.54	\$9.18
1316	21-Aug-12	13	9	\$23.36	Yes	\$48.67	\$25.31
1317	21-Aug-12	13	10	\$23.58	Yes	\$32.54	\$8.96
1318	21-Aug-12	13	10	\$23.58	Yes	\$48.67	\$25.09
1319	21-Aug-12	13	11	\$24.61	Yes	\$32.54	\$7.93
1320	21-Aug-12	13	11	\$24.61	Yes	\$48.67	\$24.06
1321	21-Aug-12	13	12	\$27.42	Yes	\$32.54	\$5.12
1322	21-Aug-12	13	12	\$27.42	Yes	\$48.67	\$21.25
1323	21-Aug-12	14	1	\$21.18	Yes	\$28.58	\$7.40
1324	21-Aug-12	14	2	\$21.72	Yes	\$28.58	\$6.86
1325	21-Aug-12	14	3	\$21.14	Yes	\$26.52	\$5.38
1326	21-Aug-12	14	3	\$21.14	Yes	\$28.58	\$7.44
1327	21-Aug-12	14	4	\$22.01	Yes	\$26.52	\$4.51
1328	21-Aug-12	14	4	\$22.01	Yes	\$28.58	\$6.57
1329	21-Aug-12	14	5	\$23.46	Yes	\$26.52	\$3.06
1330	21-Aug-12	14	5	\$23.46	Yes	\$28.58	\$5.12
1331	21-Aug-12	14	6	\$23.75	Yes	\$26.52	\$2.77
1332	21-Aug-12	14	6	\$23.75	Yes	\$28.58	\$4.83
1333	21-Aug-12	14	7	\$23.17	Yes	\$26.52	\$3.35
1334	21-Aug-12	14	7	\$23.17	Yes	\$28.58	\$5.41
1335	21-Aug-12	14	8	\$23.88	Yes	\$26.52	\$2.64
1336	21-Aug-12	14	8	\$23.88	Yes	\$28.58	\$4.70
1337	21-Aug-12	14	9	\$25.04	Yes	\$26.52	\$1.48
1338	21-Aug-12	14	9	\$25.04	Yes	\$28.58	\$3.54
1339	21-Aug-12	14	10	\$23.75	Yes	\$26.52	\$2.77
1340	21-Aug-12	14	10	\$23.75	Yes	\$28.58	\$4.83
1341	21-Aug-12	14	11	\$23.66	Yes	\$26.52	\$2.86
1342	21-Aug-12	14	11	\$23.66	Yes	\$28.58	\$4.92
1343	21-Aug-12	14	12	\$23.66	Yes	\$26.52	\$2.86
1344	21-Aug-12	14	12	\$23.66	Yes	\$28.58	\$4.92
1345	21-Aug-12	16	9	\$23.64	Yes	\$28.58	\$4.94
1346	21-Aug-12	16	10	\$23.41	Yes	\$28.58	\$5.17
1347	21-Aug-12	16	11	\$23.69	Yes	\$28.58	\$4.89

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	21-Aug-12	16	12	\$25.63	Yes	\$28.58	\$2.95
1349	21-Aug-12	17	1	\$27.34	Yes	\$28.58	\$1.24
1350	21-Aug-12	17	2	\$26.27	Yes	\$28.58	\$2.31
1351	21-Aug-12	17	3	\$26.06	Yes	\$28.58	\$2.52
1352	21-Aug-12	17	4	\$25.70	Yes	\$28.58	\$2.88
1353	21-Aug-12	17	5	\$25.93	Yes	\$28.58	\$2.65
1354	21-Aug-12	17	6	\$25.89	Yes	\$28.58	\$2.69
1355	21-Aug-12	17	7	\$25.40	Yes	\$28.58	\$3.18
1356	21-Aug-12	17	8	\$25.89	Yes	\$28.58	\$2.69
1357	21-Aug-12	17	9	\$23.42	Yes	\$28.58	\$5.16
1358	21-Aug-12	17	10	\$24.27	Yes	\$28.58	\$4.31
1359	21-Aug-12	17	11	\$23.93	Yes	\$28.58	\$4.65
1360	21-Aug-12	17	12	\$23.20	Yes	\$28.58	\$5.38
1361	21-Aug-12	18	1	\$23.24	Yes	\$28.58	\$5.34
1362	21-Aug-12	18	2	\$23.24	Yes	\$28.58	\$5.34
1363	21-Aug-12	18	3	\$23.24	Yes	\$28.58	\$5.34
1364	21-Aug-12	18	4	\$23.08	Yes	\$28.58	\$5.50
1365	21-Aug-12	18	5	\$23.07	Yes	\$28.58	\$5.51
1366	21-Aug-12	18	6	\$23.07	Yes	\$28.58	\$5.51
1367	21-Aug-12	18	7	\$22.74	Yes	\$28.58	\$5.84
1368	21-Aug-12	18	8	\$22.46	Yes	\$28.58	\$6.12
1369	21-Aug-12	18	8	\$22.46	Yes	\$32.54	\$10.08
1370	21-Aug-12	18	9	\$22.46	Yes	\$28.58	\$6.12
1371	21-Aug-12	18	9	\$22.46	Yes	\$32.54	\$10.08
1372	21-Aug-12	18	10	\$22.31	Yes	\$28.58	\$6.27
1373	21-Aug-12	18	10	\$22.31	Yes	\$32.54	\$10.23
1374	21-Aug-12	18	11	\$22.31	Yes	\$28.58	\$6.27
1375	21-Aug-12	18	11	\$22.31	Yes	\$32.54	\$10.23
1376	21-Aug-12	18	12	\$22.00	Yes	\$28.58	\$6.58
1377	21-Aug-12	18	12	\$22.00	Yes	\$32.54	\$10.54
1378	21-Aug-12	19	1	\$22.98	Yes	\$32.54	\$9.56
1379	21-Aug-12	19	2	\$22.31	Yes	\$32.54	\$10.23
1380	21-Aug-12	19	3	\$23.01	Yes	\$32.54	\$9.53
1381	21-Aug-12	19	4	\$23.00	Yes	\$32.54	\$9.54
1382	21-Aug-12	19	5	\$23.00	Yes	\$32.54	\$9.54
1383	21-Aug-12	19	6	\$22.94	Yes	\$32.54	\$9.60
1384	21-Aug-12	19	7	\$22.03	Yes	\$32.54	\$10.51
1385	21-Aug-12	19	8	\$22.59	Yes	\$32.54	\$9.95
1386	21-Aug-12	19	9	\$22.59	Yes	\$32.54	\$9.95
1387	21-Aug-12	19	10	\$22.61	Yes	\$32.54	\$9.93
1388	21-Aug-12	19	11	\$23.75	Yes	\$32.54	\$8.79
1389	21-Aug-12	19	12	\$23.45	Yes	\$32.54	\$9.09
1390	21-Aug-12	21	7	\$23.92	Yes	\$32.54	\$8.62
1391	21-Aug-12	21	8	\$23.93	Yes	\$32.54	\$8.61
1392	21-Aug-12	21	9	\$23.87	Yes	\$32.54	\$8.67

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	21-Aug-12	21	10	\$23.30	Yes	\$32.54	\$9.24
1394	21-Aug-12	21	11	\$23.30	Yes	\$32.54	\$9.24
1395	21-Aug-12	21	12	\$22.67	Yes	\$32.54	\$9.87
1396	21-Aug-12	22	1	\$23.44	Yes	\$32.54	\$9.10
1397	21-Aug-12	22	2	\$23.53	Yes	\$32.54	\$9.01
1398	21-Aug-12	22	3	\$23.51	Yes	\$32.54	\$9.03
1399	21-Aug-12	22	4	\$22.72	Yes	\$32.54	\$9.82
1400	21-Aug-12	22	5	\$22.07	Yes	\$32.54	\$10.47
1401	21-Aug-12	22	6	\$22.10	Yes	\$32.54	\$10.44
1402	21-Aug-12	22	7	\$21.83	Yes	\$32.54	\$10.71
1403	21-Aug-12	22	8	\$21.62	Yes	\$32.54	\$10.92
1404	21-Aug-12	22	9	\$20.57	Yes	\$32.54	\$11.97
1405	21-Aug-12	22	10	\$21.31	Yes	\$32.54	\$11.23
1406	21-Aug-12	22	11	\$20.36	Yes	\$32.54	\$12.18
1407	21-Aug-12	22	12	\$20.01	Yes	\$32.54	\$12.53
1408	21-Aug-12	23	1	\$23.62	Yes	\$32.54	\$8.92
1409	21-Aug-12	23	2	\$26.76	Yes	\$32.54	\$5.78
1410	21-Aug-12	23	3	\$25.66	Yes	\$32.54	\$6.88
1411	21-Aug-12	23	4	\$23.04	Yes	\$32.54	\$9.50
1412	21-Aug-12	23	5	\$23.15	Yes	\$32.54	\$9.39
1413	21-Aug-12	23	6	\$23.15	Yes	\$32.54	\$9.39
1414	21-Aug-12	23	7	\$23.16	Yes	\$32.54	\$9.38
1415	21-Aug-12	23	8	\$23.11	Yes	\$32.54	\$9.43
1416	21-Aug-12	23	9	\$23.06	Yes	\$28.58	\$5.52
1417	21-Aug-12	23	9	\$23.06	Yes	\$32.54	\$9.48
1418	21-Aug-12	23	10	\$21.18	Yes	\$28.58	\$7.40
1419	21-Aug-12	23	10	\$21.18	Yes	\$32.54	\$11.36
1420	21-Aug-12	23	11	\$20.16	Yes	\$28.58	\$8.42
1421	21-Aug-12	23	11	\$20.16	Yes	\$32.54	\$12.38
1422	21-Aug-12	23	12	\$20.28	Yes	\$28.58	\$8.30
1423	21-Aug-12	23	12	\$20.28	Yes	\$32.54	\$12.26
1424	21-Aug-12	24	1	\$23.30	No	\$26.52	\$3.22
1425	21-Aug-12	24	1	\$23.30	Yes	\$28.58	\$5.28
1426	21-Aug-12	24	2	\$21.71	No	\$26.52	\$4.81
1427	21-Aug-12	24	2	\$21.71	Yes	\$28.58	\$6.87
1428	21-Aug-12	24	3	\$21.74	No	\$26.52	\$4.78
1429	21-Aug-12	24	3	\$21.74	Yes	\$28.58	\$6.84
1430	21-Aug-12	24	4	\$22.50	No	\$26.52	\$4.02
1431	21-Aug-12	24	4	\$22.50	Yes	\$28.58	\$6.08
1432	21-Aug-12	24	5	\$22.50	No	\$26.52	\$4.02
1433	21-Aug-12	24	5	\$22.50	Yes	\$26.52	\$4.02
1434	21-Aug-12	24	5	\$22.50	Yes	\$28.58	\$6.08
1435	21-Aug-12	24	6	\$22.50	No	\$26.52	\$4.02
1436	21-Aug-12	24	6	\$22.50	Yes	\$26.52	\$4.02
1437	21-Aug-12	24	6	\$22.50	Yes	\$28.58	\$6.08

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1438	21-Aug-12	24	7	\$21.59	No	\$26.52	\$4.93
1439	21-Aug-12	24	7	\$21.59	Yes	\$26.52	\$4.93
1440	21-Aug-12	24	7	\$21.59	Yes	\$28.58	\$6.99
1441	21-Aug-12	24	8	\$21.58	No	\$26.52	\$4.94
1442	21-Aug-12	24	8	\$21.58	Yes	\$26.52	\$4.94
1443	21-Aug-12	24	8	\$21.58	Yes	\$28.58	\$7.00
1444	21-Aug-12	24	9	\$20.04	No	\$26.52	\$6.48
1445	21-Aug-12	24	9	\$20.04	Yes	\$26.52	\$6.48
1446	21-Aug-12	24	9	\$20.04	Yes	\$28.58	\$8.54
1447	21-Aug-12	24	10	\$18.78	No	\$26.52	\$7.74
1448	21-Aug-12	24	10	\$18.78	Yes	\$26.52	\$7.74
1449	21-Aug-12	24	10	\$18.78	Yes	\$28.58	\$9.80
1450	21-Aug-12	24	11	\$18.03	No	\$26.52	\$8.49
1451	21-Aug-12	24	11	\$18.03	Yes	\$26.52	\$8.49
1452	21-Aug-12	24	11	\$18.03	Yes	\$28.58	\$10.55
1453	21-Aug-12	24	12	\$10.86	No	\$26.52	\$15.66
1454	21-Aug-12	24	12	\$10.86	Yes	\$26.52	\$15.66
1455	21-Aug-12	24	12	\$10.86	Yes	\$28.58	\$17.72
1456	22-Aug-12	13	9	\$22.24	Yes	\$28.56	\$6.32
1457	22-Aug-12	13	10	\$22.02	Yes	\$28.56	\$6.54
1458	22-Aug-12	13	11	\$22.45	Yes	\$28.56	\$6.11
1459	22-Aug-12	13	12	\$23.20	Yes	\$28.56	\$5.36
1460	22-Aug-12	14	1	\$22.02	Yes	\$28.56	\$6.54
1461	22-Aug-12	14	2	\$21.60	Yes	\$28.56	\$6.96
1462	22-Aug-12	14	3	\$21.60	Yes	\$28.56	\$6.96
1463	22-Aug-12	14	4	\$21.45	Yes	\$28.56	\$7.11
1464	22-Aug-12	14	5	\$21.46	Yes	\$28.56	\$7.10
1465	22-Aug-12	14	6	\$21.46	Yes	\$28.56	\$7.10
1466	22-Aug-12	14	6	\$21.46	Yes	\$30.77	\$9.31
1467	22-Aug-12	14	7	\$21.47	Yes	\$28.56	\$7.09
1468	22-Aug-12	14	7	\$21.47	Yes	\$30.77	\$9.30
1469	22-Aug-12	14	7	\$21.47	Yes	\$35.04	\$13.57
1470	22-Aug-12	14	8	\$21.56	Yes	\$28.56	\$7.00
1471	22-Aug-12	14	8	\$21.56	Yes	\$30.77	\$9.21
1472	22-Aug-12	14	8	\$21.56	Yes	\$35.04	\$13.48
1473	22-Aug-12	14	9	\$22.34	Yes	\$28.56	\$6.22
1474	22-Aug-12	14	9	\$22.34	Yes	\$30.77	\$8.43
1475	22-Aug-12	14	9	\$22.34	Yes	\$35.04	\$12.70
1476	22-Aug-12	14	10	\$21.32	Yes	\$28.56	\$7.24
1477	22-Aug-12	14	10	\$21.32	Yes	\$30.77	\$9.45
1478	22-Aug-12	14	10	\$21.32	Yes	\$35.04	\$13.72
1479	22-Aug-12	14	11	\$21.32	Yes	\$28.56	\$7.24
1480	22-Aug-12	14	11	\$21.32	Yes	\$30.77	\$9.45
1481	22-Aug-12	14	11	\$21.32	Yes	\$35.04	\$13.72
1482	22-Aug-12	14	12	\$22.22	Yes	\$28.56	\$6.34

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1483	22-Aug-12	14	12	\$22.22	Yes	\$30.77	\$8.55
1484	22-Aug-12	14	12	\$22.22	Yes	\$35.04	\$12.82
1485	22-Aug-12	20	5	\$22.19	Yes	\$33.94	\$11.75
1486	22-Aug-12	20	6	\$23.15	Yes	\$33.94	\$10.79
1487	22-Aug-12	20	7	\$23.28	Yes	\$33.94	\$10.66
1488	22-Aug-12	20	8	\$23.69	Yes	\$33.94	\$10.25
1489	22-Aug-12	20	9	\$23.69	Yes	\$33.94	\$10.25
1490	22-Aug-12	20	10	\$23.37	Yes	\$33.94	\$10.57
1491	22-Aug-12	20	10	\$23.37	Yes	\$39.52	\$16.15
1492	22-Aug-12	20	11	\$23.37	Yes	\$33.94	\$10.57
1493	22-Aug-12	20	11	\$23.37	Yes	\$39.52	\$16.15
1494	22-Aug-12	20	12	\$23.37	Yes	\$33.94	\$10.57
1495	22-Aug-12	20	12	\$23.37	Yes	\$39.52	\$16.15
1496	22-Aug-12	21	1	\$26.01	Yes	\$38.49	\$12.48
1497	22-Aug-12	21	2	\$26.91	Yes	\$38.49	\$11.58
1498	22-Aug-12	21	3	\$26.91	Yes	\$38.49	\$11.58
1499	22-Aug-12	21	4	\$23.50	Yes	\$40.42	\$16.92
1500	22-Aug-12	21	5	\$23.50	Yes	\$40.42	\$16.92
1501	22-Aug-12	21	6	\$23.50	Yes	\$40.42	\$16.92
1502	22-Aug-12	21	7	\$23.11	Yes	\$40.42	\$17.31
1503	22-Aug-12	21	8	\$22.61	Yes	\$40.42	\$17.81
1504	22-Aug-12	21	9	\$22.61	Yes	\$38.49	\$15.88
1505	22-Aug-12	21	9	\$22.61	Yes	\$40.42	\$17.81
1506	22-Aug-12	21	10	\$22.83	Yes	\$38.49	\$15.66
1507	22-Aug-12	21	10	\$22.83	Yes	\$40.42	\$17.59
1508	22-Aug-12	21	11	\$22.79	Yes	\$38.49	\$15.70
1509	22-Aug-12	21	11	\$22.79	Yes	\$40.42	\$17.63
1510	22-Aug-12	21	12	\$22.08	Yes	\$38.49	\$16.41
1511	22-Aug-12	21	12	\$22.08	Yes	\$40.42	\$18.34
1512	22-Aug-12	22	1	\$22.94	Yes	\$38.49	\$15.55
1513	22-Aug-12	22	2	\$21.78	Yes	\$38.49	\$16.71
1514	22-Aug-12	22	3	\$20.55	Yes	\$38.49	\$17.94
1515	22-Aug-12	22	4	\$22.30	Yes	\$38.49	\$16.19
1516	22-Aug-12	22	5	\$22.30	Yes	\$38.49	\$16.19
1517	22-Aug-12	22	6	\$21.65	Yes	\$38.49	\$16.84
1518	22-Aug-12	22	7	\$21.36	Yes	\$38.49	\$17.13
1519	22-Aug-12	22	8	\$19.37	Yes	\$38.49	\$19.12
1520	22-Aug-12	22	9	\$19.37	Yes	\$38.49	\$19.12
1521	22-Aug-12	22	10	\$18.83	Yes	\$38.49	\$19.66
1522	22-Aug-12	22	11	\$19.30	Yes	\$35.04	\$15.74
1523	22-Aug-12	22	11	\$19.30	Yes	\$38.49	\$19.19
1524	22-Aug-12	22	12	\$18.22	Yes	\$35.04	\$16.82
1525	22-Aug-12	22	12	\$18.22	Yes	\$38.49	\$20.27
1526	22-Aug-12	23	1	\$22.45	Yes	\$35.04	\$12.59
1527	22-Aug-12	23	2	\$23.37	Yes	\$30.77	\$7.40

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1528	22-Aug-12	23	3	\$23.38	Yes	\$30.77	\$7.39
1529	22-Aug-12	23	4	\$23.08	Yes	\$30.77	\$7.69
1530	22-Aug-12	23	4	\$23.08	Yes	\$33.06	\$9.98
1531	22-Aug-12	23	5	\$22.79	Yes	\$30.77	\$7.98
1532	22-Aug-12	23	5	\$22.79	Yes	\$33.06	\$10.27
1533	22-Aug-12	23	6	\$22.70	Yes	\$30.77	\$8.07
1534	22-Aug-12	23	6	\$22.70	Yes	\$33.06	\$10.36
1535	22-Aug-12	23	7	\$22.00	Yes	\$30.77	\$8.77
1536	22-Aug-12	23	7	\$22.00	Yes	\$33.06	\$11.06
1537	22-Aug-12	23	8	\$21.85	Yes	\$30.77	\$8.92
1538	22-Aug-12	23	8	\$21.85	Yes	\$33.06	\$11.21
1539	22-Aug-12	23	9	\$19.99	Yes	\$30.77	\$10.78
1540	22-Aug-12	23	9	\$19.99	Yes	\$33.06	\$13.07
1541	22-Aug-12	23	10	\$18.76	Yes	\$30.77	\$12.01
1542	22-Aug-12	23	10	\$18.76	Yes	\$33.06	\$14.30
1543	22-Aug-12	23	11	\$18.76	Yes	\$30.77	\$12.01
1544	22-Aug-12	23	11	\$18.76	Yes	\$33.06	\$14.30
1545	22-Aug-12	23	12	\$18.76	Yes	\$30.77	\$12.01
1546	22-Aug-12	23	12	\$18.76	Yes	\$33.06	\$14.30
1547	22-Aug-12	24	1	\$24.64	Yes	\$30.77	\$6.13
1548	22-Aug-12	24	2	\$24.65	Yes	\$30.77	\$6.12
1549	22-Aug-12	24	3	\$24.56	Yes	\$30.77	\$6.21
1550	22-Aug-12	24	4	\$22.77	Yes	\$30.77	\$8.00
1551	22-Aug-12	24	5	\$22.63	Yes	\$30.77	\$8.14
1552	22-Aug-12	24	6	\$22.64	Yes	\$30.77	\$8.13
1553	22-Aug-12	24	7	\$22.61	Yes	\$30.77	\$8.16
1554	22-Aug-12	24	8	\$22.68	Yes	\$30.77	\$8.09
1555	22-Aug-12	24	9	\$21.36	Yes	\$30.77	\$9.41
1556	22-Aug-12	24	10	\$21.83	Yes	\$30.77	\$8.94
1557	22-Aug-12	24	11	\$22.62	Yes	\$30.77	\$8.15
1558	22-Aug-12	24	12	\$18.94	Yes	\$30.77	\$11.83
1559	23-Aug-12	1	1	\$18.94	Yes	\$30.77	\$11.83
1560	23-Aug-12	1	2	\$26.06	Yes	\$30.77	\$4.71
1561	23-Aug-12	1	3	\$26.09	Yes	\$30.77	\$4.68
1562	23-Aug-12	1	4	\$25.95	Yes	\$30.77	\$4.82
1563	23-Aug-12	1	5	\$25.14	Yes	\$30.77	\$5.63
1564	23-Aug-12	1	6	\$25.14	Yes	\$30.77	\$5.63
1565	23-Aug-12	1	7	\$23.44	Yes	\$30.77	\$7.33
1566	23-Aug-12	1	8	\$25.19	Yes	\$30.77	\$5.58
1567	23-Aug-12	1	9	\$25.19	Yes	\$30.77	\$5.58
1568	23-Aug-12	1	10	\$24.17	Yes	\$30.77	\$6.60
1569	23-Aug-12	1	11	\$24.17	Yes	\$30.77	\$6.60
1570	23-Aug-12	1	12	\$24.17	Yes	\$30.77	\$6.60
1571	23-Aug-12	11	9	\$23.38	Yes	\$28.56	\$5.18
1572	23-Aug-12	11	10	\$24.24	Yes	\$28.56	\$4.32

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1573	23-Aug-12	11	11	\$24.33	Yes	\$28.56	\$4.23
1574	23-Aug-12	11	12	\$24.44	Yes	\$28.56	\$4.12
1575	23-Aug-12	12	1	\$21.15	Yes	\$28.56	\$7.41
1576	23-Aug-12	12	2	\$21.01	Yes	\$28.56	\$7.55
1577	23-Aug-12	12	3	\$21.15	Yes	\$28.56	\$7.41
1578	23-Aug-12	12	4	\$20.90	Yes	\$28.56	\$7.66
1579	23-Aug-12	12	5	\$21.30	Yes	\$28.56	\$7.26
1580	23-Aug-12	12	6	\$21.30	Yes	\$28.56	\$7.26
1581	23-Aug-12	12	6	\$21.30	Yes	\$30.77	\$9.47
1582	23-Aug-12	12	7	\$22.71	Yes	\$28.56	\$5.85
1583	23-Aug-12	12	7	\$22.71	Yes	\$30.77	\$8.06
1584	23-Aug-12	12	8	\$21.60	Yes	\$28.56	\$6.96
1585	23-Aug-12	12	8	\$21.60	Yes	\$30.77	\$9.17
1586	23-Aug-12	12	9	\$22.90	Yes	\$28.56	\$5.66
1587	23-Aug-12	12	9	\$22.90	Yes	\$30.77	\$7.87
1588	23-Aug-12	12	10	\$21.86	Yes	\$28.56	\$6.70
1589	23-Aug-12	12	10	\$21.86	Yes	\$30.77	\$8.91
1590	23-Aug-12	12	11	\$22.19	Yes	\$28.56	\$6.37
1591	23-Aug-12	12	11	\$22.19	Yes	\$30.77	\$8.58
1592	23-Aug-12	12	12	\$22.29	Yes	\$28.56	\$6.27
1593	23-Aug-12	12	12	\$22.29	Yes	\$30.77	\$8.48
1594	23-Aug-12	13	1	\$21.30	Yes	\$30.77	\$9.47
1595	23-Aug-12	13	2	\$21.73	Yes	\$30.77	\$9.04
1596	23-Aug-12	13	3	\$21.32	Yes	\$30.77	\$9.45
1597	23-Aug-12	13	4	\$21.10	Yes	\$30.77	\$9.67
1598	23-Aug-12	13	5	\$21.47	Yes	\$30.77	\$9.30
1599	23-Aug-12	13	6	\$21.10	Yes	\$30.77	\$9.67
1600	23-Aug-12	13	7	\$21.49	Yes	\$30.77	\$9.28
1601	23-Aug-12	13	8	\$22.82	Yes	\$30.77	\$7.95
1602	23-Aug-12	13	9	\$23.24	Yes	\$30.77	\$7.53
1603	23-Aug-12	13	10	\$23.27	Yes	\$30.77	\$7.50
1604	23-Aug-12	13	11	\$23.58	Yes	\$30.77	\$7.19
1605	23-Aug-12	13	12	\$23.57	Yes	\$30.77	\$7.20
1606	23-Aug-12	14	1	\$22.43	Yes	\$30.77	\$8.34
1607	23-Aug-12	14	2	\$22.88	Yes	\$35.04	\$12.16
1608	23-Aug-12	14	3	\$22.88	Yes	\$35.04	\$12.16
1609	23-Aug-12	14	4	\$22.61	Yes	\$35.04	\$12.43
1610	23-Aug-12	14	5	\$22.73	Yes	\$35.04	\$12.31
1611	23-Aug-12	14	6	\$23.36	Yes	\$35.04	\$11.68
1612	23-Aug-12	14	6	\$23.36	Yes	\$38.49	\$15.13
1613	23-Aug-12	14	7	\$23.36	Yes	\$35.04	\$11.68
1614	23-Aug-12	14	7	\$23.36	Yes	\$38.49	\$15.13
1615	23-Aug-12	14	8	\$23.36	Yes	\$35.04	\$11.68
1616	23-Aug-12	14	9	\$24.58	Yes	\$35.04	\$10.46
1617	23-Aug-12	14	9	\$24.58	Yes	\$38.49	\$13.91



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1618	23-Aug-12	14	10	\$23.85	Yes	\$35.04	\$11.19
1619	23-Aug-12	14	10	\$23.85	Yes	\$38.49	\$14.64
1620	23-Aug-12	14	11	\$23.85	Yes	\$35.04	\$11.19
1621	23-Aug-12	14	11	\$23.85	Yes	\$38.49	\$14.64
1622	23-Aug-12	14	12	\$24.73	Yes	\$35.04	\$10.31
1623	23-Aug-12	14	12	\$24.73	Yes	\$38.49	\$13.76
1624	23-Aug-12	15	1	\$22.79	Yes	\$39.52	\$16.73
1625	23-Aug-12	15	2	\$23.14	Yes	\$39.52	\$16.38
1626	23-Aug-12	15	3	\$23.13	Yes	\$39.52	\$16.39
1627	23-Aug-12	15	4	\$23.43	Yes	\$39.52	\$16.09
1628	23-Aug-12	15	5	\$23.39	Yes	\$39.52	\$16.13
1629	23-Aug-12	15	6	\$23.20	Yes	\$39.52	\$16.32
1630	23-Aug-12	20	3	\$24.24	Yes	\$35.98	\$11.74
1631	23-Aug-12	20	4	\$28.56	Yes	\$35.98	\$7.42
1632	23-Aug-12	20	5	\$32.42	Yes	\$35.98	\$3.56
1633	23-Aug-12	20	6	\$37.92	Yes	\$35.98	(\$1.94)
1634	23-Aug-12	20	7	\$33.63	Yes	\$35.98	\$2.35
1635	23-Aug-12	20	8	\$30.57	Yes	\$35.98	\$5.41
1636	23-Aug-12	20	9	\$30.57	Yes	\$35.98	\$5.41
1637	23-Aug-12	20	10	\$31.49	Yes	\$35.98	\$4.49
1638	23-Aug-12	20	11	\$32.19	Yes	\$35.98	\$3.79
1639	23-Aug-12	20	12	\$33.64	Yes	\$35.98	\$2.34
1640	23-Aug-12	21	1	\$33.83	Yes	\$35.04	\$1.21
1641	23-Aug-12	21	2	\$32.00	Yes	\$35.04	\$3.04
1642	23-Aug-12	21	3	\$32.00	Yes	\$35.04	\$3.04
1643	23-Aug-12	21	4	\$31.84	Yes	\$35.04	\$3.20
1644	23-Aug-12	21	5	\$34.09	Yes	\$35.04	\$0.95
1645	23-Aug-12	21	6	\$33.69	Yes	\$35.04	\$1.35
1646	23-Aug-12	21	7	\$32.26	Yes	\$35.04	\$2.78
1647	23-Aug-12	21	8	\$30.43	Yes	\$35.04	\$4.61
1648	23-Aug-12	21	9	\$27.41	Yes	\$35.04	\$7.63
1649	23-Aug-12	21	10	\$27.87	Yes	\$35.04	\$7.17
1650	23-Aug-12	21	11	\$26.53	Yes	\$35.04	\$8.51
1651	23-Aug-12	21	12	\$24.09	Yes	\$35.04	\$10.95
1652	23-Aug-12	22	1	\$29.65	Yes	\$35.04	\$5.39
1653	23-Aug-12	22	2	\$28.23	Yes	\$35.04	\$6.81
1654	23-Aug-12	22	3	\$27.74	Yes	\$35.04	\$7.30
1655	23-Aug-12	22	4	\$23.94	Yes	\$35.04	\$11.10
1656	23-Aug-12	22	5	\$23.94	Yes	\$35.04	\$11.10
1657	23-Aug-12	22	6	\$23.94	Yes	\$35.04	\$11.10
1658	23-Aug-12	22	7	\$23.66	Yes	\$35.04	\$11.38
1659	23-Aug-12	22	8	\$23.39	Yes	\$35.04	\$11.65
1660	23-Aug-12	22	9	\$23.39	Yes	\$35.04	\$11.65
1661	23-Aug-12	22	10	\$23.41	Yes	\$35.04	\$11.63
1662	23-Aug-12	22	11	\$22.81	Yes	\$35.04	\$12.23

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1663	23-Aug-12	22	12	\$20.36	Yes	\$35.04	\$14.68
1664	23-Aug-12	23	1	\$24.04	Yes	\$35.04	\$11.00
1665	23-Aug-12	23	2	\$23.89	Yes	\$35.04	\$11.15
1666	23-Aug-12	23	3	\$24.04	Yes	\$35.04	\$11.00
1667	23-Aug-12	23	4	\$23.54	Yes	\$35.04	\$11.50
1668	23-Aug-12	23	5	\$23.55	Yes	\$35.04	\$11.49
1669	23-Aug-12	23	6	\$23.10	Yes	\$35.04	\$11.94
1670	23-Aug-12	23	7	\$22.90	Yes	\$35.04	\$12.14
1671	23-Aug-12	23	8	\$22.55	Yes	\$35.04	\$12.49
1672	23-Aug-12	23	9	\$20.04	Yes	\$35.04	\$15.00
1673	23-Aug-12	23	10	\$19.85	Yes	\$35.04	\$15.19
1674	23-Aug-12	23	11	\$19.34	Yes	\$35.04	\$15.70
1675	23-Aug-12	23	12	\$18.70	Yes	\$35.04	\$16.34
1676	24-Aug-12	13	10	\$23.83	Yes	\$28.56	\$4.73
1677	24-Aug-12	13	11	\$23.51	Yes	\$28.56	\$5.05
1678	24-Aug-12	13	12	\$24.10	Yes	\$28.56	\$4.46
1679	24-Aug-12	14	1	\$23.42	Yes	\$28.56	\$5.14
1680	24-Aug-12	14	2	\$23.42	Yes	\$28.56	\$5.14
1681	24-Aug-12	14	3	\$23.22	Yes	\$28.56	\$5.34
1682	24-Aug-12	14	4	\$23.81	Yes	\$28.56	\$4.75
1683	24-Aug-12	14	5	\$23.81	Yes	\$28.56	\$4.75
1684	24-Aug-12	14	6	\$23.81	Yes	\$28.56	\$4.75
1685	24-Aug-12	14	7	\$23.87	Yes	\$28.56	\$4.69
1686	24-Aug-12	14	8	\$23.65	Yes	\$28.56	\$4.91
1687	24-Aug-12	14	9	\$23.65	Yes	\$28.56	\$4.91
1688	24-Aug-12	14	10	\$23.56	Yes	\$28.56	\$5.00
1689	24-Aug-12	14	11	\$23.50	Yes	\$28.56	\$5.06
1690	24-Aug-12	14	11	\$23.50	Yes	\$30.77	\$7.27
1691	24-Aug-12	14	12	\$23.66	Yes	\$28.56	\$4.90
1692	24-Aug-12	14	12	\$23.66	Yes	\$30.77	\$7.11
1693	24-Aug-12	15	1	\$23.28	Yes	\$31.60	\$8.32
1694	24-Aug-12	15	2	\$23.35	Yes	\$31.60	\$8.25
1695	24-Aug-12	15	3	\$23.35	Yes	\$31.60	\$8.25
1696	24-Aug-12	15	4	\$27.75	Yes	\$31.60	\$3.85
1697	24-Aug-12	15	5	\$29.50	Yes	\$31.60	\$2.10
1698	24-Aug-12	15	6	\$23.08	Yes	\$31.60	\$8.52
1699	24-Aug-12	15	7	\$23.26	Yes	\$31.60	\$8.34
1700	24-Aug-12	15	8	\$24.03	Yes	\$31.60	\$7.57
1701	24-Aug-12	15	9	\$23.71	Yes	\$31.60	\$7.89
1702	24-Aug-12	15	10	\$24.05	Yes	\$31.60	\$7.55
1703	24-Aug-12	15	11	\$23.81	Yes	\$31.60	\$7.79
1704	24-Aug-12	15	12	\$23.91	Yes	\$31.60	\$7.69
1705	24-Aug-12	16	1	\$23.52	Yes	\$31.60	\$8.08
1706	24-Aug-12	16	2	\$23.52	Yes	\$31.60	\$8.08
1707	24-Aug-12	16	3	\$23.52	Yes	\$31.60	\$8.08

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1708	24-Aug-12	16	4	\$23.56	Yes	\$31.60	\$8.04
1709	24-Aug-12	16	5	\$24.13	Yes	\$31.60	\$7.47
1710	24-Aug-12	16	6	\$25.62	Yes	\$31.60	\$5.98
1711	24-Aug-12	16	7	\$25.71	Yes	\$31.60	\$5.89
1712	24-Aug-12	16	8	\$27.85	Yes	\$31.60	\$3.75
1713	24-Aug-12	16	9	\$28.57	Yes	\$31.60	\$3.03
1714	24-Aug-12	16	10	\$27.43	Yes	\$31.60	\$4.17
1715	24-Aug-12	16	11	\$27.43	Yes	\$31.60	\$4.17
1716	24-Aug-12	16	12	\$27.43	Yes	\$31.60	\$4.17
1717	24-Aug-12	20	1	\$24.05	Yes	\$29.33	\$5.28
1718	24-Aug-12	20	2	\$24.00	Yes	\$29.33	\$5.33
1719	24-Aug-12	20	3	\$23.99	Yes	\$29.33	\$5.34
1720	24-Aug-12	20	4	\$23.89	Yes	\$29.33	\$5.44
1721	24-Aug-12	20	5	\$23.89	Yes	\$29.33	\$5.44
1722	24-Aug-12	20	6	\$23.89	Yes	\$29.33	\$5.44
1723	24-Aug-12	20	7	\$23.88	Yes	\$29.33	\$5.45
1724	24-Aug-12	20	8	\$23.55	Yes	\$29.33	\$5.78
1725	24-Aug-12	20	9	\$23.44	Yes	\$29.33	\$5.89
1726	24-Aug-12	20	10	\$23.37	Yes	\$29.33	\$5.96
1727	24-Aug-12	20	11	\$23.40	Yes	\$29.33	\$5.93
1728	24-Aug-12	20	12	\$23.40	Yes	\$29.33	\$5.93
1729	24-Aug-12	21	1	\$23.55	Yes	\$28.56	\$5.01
1730	24-Aug-12	21	2	\$23.55	Yes	\$28.56	\$5.01
1731	24-Aug-12	21	3	\$23.51	Yes	\$28.56	\$5.05
1732	24-Aug-12	21	4	\$23.61	Yes	\$28.56	\$4.95
1733	24-Aug-12	21	5	\$23.61	Yes	\$28.56	\$4.95
1734	24-Aug-12	21	6	\$23.54	Yes	\$28.56	\$5.02
1735	24-Aug-12	21	7	\$23.38	Yes	\$28.56	\$5.18
1736	24-Aug-12	21	8	\$23.38	Yes	\$28.56	\$5.18
1737	24-Aug-12	21	8	\$23.38	Yes	\$30.77	\$7.39
1738	24-Aug-12	21	9	\$23.38	Yes	\$28.56	\$5.18
1739	24-Aug-12	21	9	\$23.38	Yes	\$30.77	\$7.39
1740	24-Aug-12	21	10	\$21.57	Yes	\$28.56	\$6.99
1741	24-Aug-12	21	10	\$21.57	Yes	\$30.77	\$9.20
1742	24-Aug-12	21	11	\$21.57	Yes	\$28.56	\$6.99
1743	24-Aug-12	21	11	\$21.57	Yes	\$30.77	\$9.20
1744	24-Aug-12	21	12	\$21.27	Yes	\$28.56	\$7.29
1745	24-Aug-12	21	12	\$21.27	Yes	\$30.77	\$9.50
1746	24-Aug-12	22	1	\$23.45	Yes	\$30.77	\$7.32
1747	24-Aug-12	22	2	\$23.46	Yes	\$30.77	\$7.31
1748	24-Aug-12	22	3	\$23.54	Yes	\$30.77	\$7.23
1749	24-Aug-12	22	4	\$23.26	Yes	\$30.77	\$7.51
1750	24-Aug-12	22	5	\$23.24	Yes	\$30.77	\$7.53
1751	24-Aug-12	22	6	\$22.38	Yes	\$30.77	\$8.39
1752	24-Aug-12	22	7	\$20.59	Yes	\$30.77	\$10.18

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1753	24-Aug-12	22	8	\$19.99	Yes	\$30.77	\$10.78
1754	24-Aug-12	22	9	\$19.90	Yes	\$28.56	\$8.66
1755	24-Aug-12	22	9	\$19.90	Yes	\$30.77	\$10.87
1756	24-Aug-12	22	10	\$18.82	Yes	\$28.56	\$9.74
1757	24-Aug-12	22	10	\$18.82	Yes	\$30.77	\$11.95
1758	24-Aug-12	22	11	\$18.76	Yes	\$28.56	\$9.80
1759	24-Aug-12	22	11	\$18.76	Yes	\$30.77	\$12.01
1760	24-Aug-12	22	12	\$18.13	Yes	\$28.56	\$10.43
1761	24-Aug-12	22	12	\$18.13	Yes	\$30.77	\$12.64
1762	24-Aug-12	23	1	\$23.16	Yes	\$28.56	\$5.40
1763	24-Aug-12	23	2	\$23.30	Yes	\$28.56	\$5.26
1764	24-Aug-12	23	3	\$23.86	Yes	\$28.56	\$4.70
1765	24-Aug-12	23	4	\$23.33	Yes	\$28.56	\$5.23
1766	24-Aug-12	23	5	\$23.29	Yes	\$28.56	\$5.27
1767	24-Aug-12	23	6	\$23.29	Yes	\$28.56	\$5.27
1768	24-Aug-12	23	7	\$22.96	Yes	\$28.56	\$5.60
1769	24-Aug-12	23	8	\$22.23	Yes	\$28.56	\$6.33
1770	24-Aug-12	23	9	\$19.32	Yes	\$28.56	\$9.24
1771	24-Aug-12	23	10	\$18.87	Yes	\$28.56	\$9.69
1772	24-Aug-12	23	11	\$18.87	Yes	\$28.56	\$9.69
1773	24-Aug-12	23	12	\$18.87	Yes	\$28.56	\$9.69
1774	25-Aug-12	13	10	\$18.19	Yes	\$28.56	\$10.37
1775	25-Aug-12	13	11	\$20.92	Yes	\$28.56	\$7.64
1776	25-Aug-12	13	12	\$21.91	Yes	\$28.56	\$6.65
1777	25-Aug-12	14	1	\$16.85	Yes	\$28.56	\$11.71
1778	25-Aug-12	14	2	\$18.11	Yes	\$28.56	\$10.45
1779	25-Aug-12	14	3	\$18.11	Yes	\$28.56	\$10.45
1780	25-Aug-12	14	4	\$21.63	Yes	\$28.56	\$6.93
1781	25-Aug-12	14	5	\$21.63	Yes	\$28.56	\$6.93
1782	25-Aug-12	14	6	\$20.89	Yes	\$28.56	\$7.67
1783	25-Aug-12	14	7	\$18.25	Yes	\$28.56	\$10.31
1784	25-Aug-12	14	7	\$18.25	Yes	\$30.77	\$12.52
1785	25-Aug-12	14	8	\$21.12	Yes	\$28.56	\$7.44
1786	25-Aug-12	14	8	\$21.12	Yes	\$30.77	\$9.65
1787	25-Aug-12	14	9	\$21.12	Yes	\$28.56	\$7.44
1788	25-Aug-12	14	9	\$21.12	Yes	\$30.77	\$9.65
1789	25-Aug-12	14	10	\$21.80	Yes	\$28.56	\$6.76
1790	25-Aug-12	14	10	\$21.80	Yes	\$30.77	\$8.97
1791	25-Aug-12	14	11	\$22.02	Yes	\$28.56	\$6.54
1792	25-Aug-12	14	11	\$22.02	Yes	\$38.49	\$16.47
1793	25-Aug-12	14	12	\$21.99	Yes	\$28.56	\$6.57
1794	25-Aug-12	14	12	\$21.99	Yes	\$38.49	\$16.50
1795	25-Aug-12	14	12	\$21.99	Yes	\$44.43	\$22.44
1796	25-Aug-12	15	1	\$19.54	Yes	\$45.62	\$26.08
1797	25-Aug-12	15	2	\$20.85	Yes	\$45.62	\$24.77

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1798	25-Aug-12	15	3	\$21.38	Yes	\$45.62	\$24.24
1799	25-Aug-12	15	4	\$21.52	Yes	\$45.62	\$24.10
1800	25-Aug-12	15	5	\$21.71	Yes	\$45.62	\$23.91
1801	25-Aug-12	15	6	\$21.95	Yes	\$45.62	\$23.67
1802	25-Aug-12	15	7	\$21.99	Yes	\$45.62	\$23.63
1803	25-Aug-12	15	8	\$21.83	Yes	\$45.62	\$23.79
1804	25-Aug-12	15	9	\$21.85	Yes	\$45.62	\$23.77
1805	25-Aug-12	15	10	\$22.51	Yes	\$45.62	\$23.11
1806	25-Aug-12	15	11	\$22.51	Yes	\$45.62	\$23.11
1807	25-Aug-12	15	12	\$22.51	Yes	\$45.62	\$23.11
1808	25-Aug-12	16	1	\$21.86	Yes	\$45.62	\$23.76
1809	25-Aug-12	16	2	\$21.87	Yes	\$45.62	\$23.75
1810	25-Aug-12	16	3	\$21.93	Yes	\$45.62	\$23.69
1811	25-Aug-12	16	4	\$22.01	Yes	\$45.62	\$23.61
1812	25-Aug-12	16	5	\$21.95	Yes	\$45.62	\$23.67
1813	25-Aug-12	16	6	\$21.67	Yes	\$45.62	\$23.95
1814	25-Aug-12	16	7	\$21.67	Yes	\$45.62	\$23.95
1815	25-Aug-12	16	8	\$26.08	Yes	\$45.62	\$19.54
1816	25-Aug-12	16	9	\$26.08	Yes	\$45.62	\$19.54
1817	25-Aug-12	16	10	\$37.97	Yes	\$39.52	\$1.55
1818	25-Aug-12	16	10	\$37.97	Yes	\$45.62	\$7.65
1819	25-Aug-12	16	11	\$35.80	Yes	\$39.52	\$3.72
1820	25-Aug-12	16	11	\$35.80	Yes	\$45.62	\$9.82
1821	25-Aug-12	16	12	\$39.47	Yes	\$39.52	\$0.05
1822	25-Aug-12	16	12	\$39.47	Yes	\$45.62	\$6.15
1823	25-Aug-12	17	1	\$37.87	Yes	\$31.60	(\$6.27)
1824	25-Aug-12	17	2	\$37.70	Yes	\$31.60	(\$6.10)
1825	25-Aug-12	17	3	\$35.67	Yes	\$31.60	(\$4.07)
1826	25-Aug-12	17	4	\$26.45	Yes	\$31.60	\$5.15
1827	25-Aug-12	17	5	\$27.37	Yes	\$31.60	\$4.23
1828	25-Aug-12	17	6	\$29.09	Yes	\$31.60	\$2.51
1829	25-Aug-12	17	7	\$29.09	Yes	\$31.60	\$2.51
1830	25-Aug-12	17	8	\$110.62	Yes	\$31.60	(\$79.02)
1831	25-Aug-12	20	7	\$25.43	Yes	\$29.33	\$3.90
1832	25-Aug-12	20	8	\$23.94	Yes	\$29.33	\$5.39
1833	25-Aug-12	20	9	\$23.89	Yes	\$29.33	\$5.44
1834	25-Aug-12	20	10	\$23.05	Yes	\$29.33	\$6.28
1835	25-Aug-12	20	11	\$23.17	Yes	\$29.33	\$6.16
1836	25-Aug-12	20	12	\$23.17	Yes	\$29.33	\$6.16
1837	25-Aug-12	21	1	\$23.27	Yes	\$28.56	\$5.29
1838	25-Aug-12	21	2	\$23.27	Yes	\$28.56	\$5.29
1839	25-Aug-12	21	3	\$23.33	Yes	\$28.56	\$5.23
1840	25-Aug-12	21	4	\$23.57	Yes	\$28.56	\$4.99
1841	25-Aug-12	21	5	\$26.01	Yes	\$28.56	\$2.55
1842	25-Aug-12	21	6	\$24.19	Yes	\$28.56	\$4.37

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1843	25-Aug-12	21	7	\$23.75	Yes	\$28.56	\$4.81
1844	25-Aug-12	21	7	\$23.75	Yes	\$30.77	\$7.02
1845	25-Aug-12	21	8	\$23.34	Yes	\$28.56	\$5.22
1846	25-Aug-12	21	8	\$23.34	Yes	\$30.77	\$7.43
1847	25-Aug-12	21	9	\$23.51	Yes	\$28.56	\$5.05
1848	25-Aug-12	21	9	\$23.51	Yes	\$30.77	\$7.26
1849	25-Aug-12	21	10	\$24.08	Yes	\$28.56	\$4.48
1850	25-Aug-12	21	10	\$24.08	Yes	\$30.77	\$6.69
1851	25-Aug-12	21	11	\$23.36	Yes	\$28.56	\$5.20
1852	25-Aug-12	21	11	\$23.36	Yes	\$30.77	\$7.41
1853	25-Aug-12	21	12	\$23.27	Yes	\$28.56	\$5.29
1854	25-Aug-12	21	12	\$23.27	Yes	\$30.77	\$7.50
1855	25-Aug-12	22	1	\$23.27	Yes	\$30.77	\$7.50
1856	25-Aug-12	22	2	\$23.27	Yes	\$30.77	\$7.50
1857	25-Aug-12	22	3	\$26.39	Yes	\$30.77	\$4.38
1858	25-Aug-12	22	4	\$25.71	Yes	\$30.77	\$5.06
1859	25-Aug-12	22	5	\$24.37	Yes	\$30.77	\$6.40
1860	25-Aug-12	22	6	\$23.65	Yes	\$30.77	\$7.12
1861	25-Aug-12	22	7	\$22.80	Yes	\$30.77	\$7.97
1862	25-Aug-12	22	8	\$22.75	Yes	\$30.77	\$8.02
1863	25-Aug-12	22	9	\$23.45	Yes	\$30.77	\$7.32
1864	25-Aug-12	22	10	\$23.28	Yes	\$30.77	\$7.49
1865	25-Aug-12	22	11	\$23.28	Yes	\$30.77	\$7.49
1866	25-Aug-12	22	12	\$23.27	Yes	\$30.77	\$7.50
1867	25-Aug-12	23	1	\$50.96	Yes	\$30.77	(\$20.19)
1868	25-Aug-12	23	2	\$130.67	Yes	\$30.77	(\$99.90)
1869	25-Aug-12	23	3	\$51.06	Yes	\$30.77	(\$20.29)
1870	25-Aug-12	23	4	\$37.14	Yes	\$30.77	(\$6.37)
1871	25-Aug-12	23	5	\$51.14	Yes	\$30.77	(\$20.37)
1872	25-Aug-12	23	6	\$1,033.00	Yes	\$30.77	(\$1,002.23)
1873	25-Aug-12	23	7	\$51.02	Yes	\$30.77	(\$20.25)
1874	25-Aug-12	23	8	\$43.26	Yes	\$30.77	(\$12.49)
1875	25-Aug-12	23	9	\$34.05	Yes	\$30.77	(\$3.28)
1876	25-Aug-12	23	10	\$23.73	Yes	\$30.77	\$7.04
1877	25-Aug-12	23	11	\$26.28	Yes	\$30.77	\$4.49
1878	25-Aug-12	23	12	\$37.31	Yes	\$30.77	(\$6.54)
1879	26-Aug-12	16	7	\$22.09	Yes	\$31.60	\$9.51
1880	26-Aug-12	16	8	\$22.09	Yes	\$31.60	\$9.51
1881	26-Aug-12	16	9	\$22.10	Yes	\$31.60	\$9.50
1882	26-Aug-12	16	10	\$21.85	Yes	\$31.60	\$9.75
1883	26-Aug-12	16	11	\$21.71	Yes	\$31.60	\$9.89
1884	26-Aug-12	16	12	\$21.64	Yes	\$31.60	\$9.96
1885	26-Aug-12	17	1	\$22.16	Yes	\$35.98	\$13.82
1886	26-Aug-12	17	2	\$22.12	Yes	\$35.98	\$13.86
1887	26-Aug-12	17	3	\$22.12	Yes	\$35.98	\$13.86

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1888	26-Aug-12	17	4	\$21.63	Yes	\$35.98	\$14.35
1889	26-Aug-12	17	5	\$22.04	Yes	\$35.98	\$13.94
1890	26-Aug-12	17	6	\$21.65	Yes	\$35.98	\$14.33
1891	26-Aug-12	17	7	\$22.13	Yes	\$35.98	\$13.85
1892	26-Aug-12	17	8	\$22.14	Yes	\$35.98	\$13.84
1893	26-Aug-12	17	9	\$22.16	Yes	\$35.98	\$13.82
1894	26-Aug-12	17	10	\$22.12	Yes	\$35.98	\$13.86
1895	26-Aug-12	17	11	\$22.05	Yes	\$35.98	\$13.93
1896	26-Aug-12	17	12	\$22.05	Yes	\$35.98	\$13.93
1897	26-Aug-12	18	1	\$20.53	Yes	\$35.98	\$15.45
1898	26-Aug-12	18	2	\$20.54	Yes	\$35.98	\$15.44
1899	26-Aug-12	18	3	\$20.50	Yes	\$35.98	\$15.48
1900	26-Aug-12	18	4	\$20.67	Yes	\$35.98	\$15.31
1901	26-Aug-12	18	5	\$20.68	Yes	\$35.98	\$15.30
1902	26-Aug-12	18	6	\$20.60	Yes	\$35.98	\$15.38
1903	26-Aug-12	18	7	\$17.30	Yes	\$35.98	\$18.68
1904	26-Aug-12	18	8	\$16.57	Yes	\$35.98	\$19.41
1905	26-Aug-12	18	9	\$16.93	Yes	\$35.98	\$19.05
1906	26-Aug-12	18	10	\$17.21	Yes	\$35.98	\$18.77
1907	26-Aug-12	18	11	\$17.29	Yes	\$35.98	\$18.69
1908	26-Aug-12	18	12	\$18.42	Yes	\$35.98	\$17.56
1909	26-Aug-12	19	1	\$20.71	Yes	\$35.98	\$15.27
1910	26-Aug-12	19	2	\$20.80	Yes	\$35.98	\$15.18
1911	26-Aug-12	19	3	\$20.80	Yes	\$35.98	\$15.18
1912	26-Aug-12	19	4	\$20.79	Yes	\$35.98	\$15.19
1913	26-Aug-12	19	5	\$20.86	Yes	\$35.98	\$15.12
1914	26-Aug-12	19	6	\$20.78	Yes	\$35.98	\$15.20
1915	26-Aug-12	19	7	\$20.71	Yes	\$35.98	\$15.27
1916	26-Aug-12	19	8	\$20.69	Yes	\$35.98	\$15.29
1917	26-Aug-12	19	9	\$20.69	Yes	\$35.98	\$15.29
1918	26-Aug-12	19	10	\$47.03	Yes	\$35.98	(\$11.05)
1919	26-Aug-12	19	11	\$20.68	Yes	\$35.98	\$15.30
1920	26-Aug-12	19	12	\$20.41	Yes	\$35.98	\$15.57
1921	26-Aug-12	20	1	\$20.64	Yes	\$35.04	\$14.40
1922	26-Aug-12	20	2	\$20.33	Yes	\$35.04	\$14.71
1923	26-Aug-12	20	3	\$18.72	Yes	\$35.04	\$16.32
1924	26-Aug-12	20	4	\$18.81	Yes	\$35.04	\$16.23
1925	26-Aug-12	20	5	\$20.40	Yes	\$35.04	\$14.64
1926	26-Aug-12	20	6	\$20.49	Yes	\$35.04	\$14.55
1927	26-Aug-12	20	7	\$18.99	Yes	\$35.04	\$16.05
1928	26-Aug-12	20	7	\$18.99	Yes	\$38.49	\$19.50
1929	26-Aug-12	20	8	\$20.41	Yes	\$35.04	\$14.63
1930	26-Aug-12	20	8	\$20.41	Yes	\$38.49	\$18.08
1931	26-Aug-12	20	9	\$20.44	Yes	\$35.04	\$14.60
1932	26-Aug-12	20	9	\$20.44	Yes	\$38.49	\$18.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1933	26-Aug-12	20	10	\$20.34	Yes	\$35.04	\$14.70
1934	26-Aug-12	20	10	\$20.34	Yes	\$38.49	\$18.15
1935	26-Aug-12	20	11	\$20.46	Yes	\$35.04	\$14.58
1936	26-Aug-12	20	11	\$20.46	Yes	\$38.49	\$18.03
1937	26-Aug-12	20	12	\$20.77	Yes	\$35.04	\$14.27
1938	26-Aug-12	20	12	\$20.77	Yes	\$38.49	\$17.72
1939	26-Aug-12	21	1	\$21.53	Yes	\$38.49	\$16.96
1940	26-Aug-12	21	2	\$21.77	Yes	\$38.49	\$16.72
1941	26-Aug-12	21	3	\$21.51	Yes	\$38.49	\$16.98
1942	26-Aug-12	21	4	\$20.91	Yes	\$38.49	\$17.58
1943	26-Aug-12	21	5	\$21.27	Yes	\$38.49	\$17.22
1944	26-Aug-12	21	6	\$21.27	Yes	\$38.49	\$17.22
1945	26-Aug-12	21	7	\$71.95	Yes	\$38.49	(\$33.46)
1946	26-Aug-12	21	8	\$67.80	Yes	\$38.49	(\$29.31)
1947	26-Aug-12	21	9	\$70.01	Yes	\$38.49	(\$31.52)
1948	26-Aug-12	21	10	\$42.48	Yes	\$38.49	(\$3.99)
1949	26-Aug-12	21	11	\$34.77	Yes	\$38.49	\$3.72
1950	26-Aug-12	21	12	\$19.86	Yes	\$38.49	\$18.63
1951	26-Aug-12	22	1	\$14.07	Yes	\$38.49	\$24.42
1952	26-Aug-12	22	2	\$18.12	Yes	\$38.49	\$20.37
1953	26-Aug-12	22	3	\$46.19	Yes	\$38.49	(\$7.70)
1954	26-Aug-12	22	4	\$21.58	Yes	\$38.49	\$16.91
1955	26-Aug-12	22	5	\$21.84	Yes	\$38.49	\$16.65
1956	26-Aug-12	22	6	\$21.86	Yes	\$35.04	\$13.18
1957	26-Aug-12	22	6	\$21.86	Yes	\$38.49	\$16.63
1958	26-Aug-12	22	7	\$21.10	Yes	\$35.04	\$13.94
1959	26-Aug-12	22	7	\$21.10	Yes	\$38.49	\$17.39
1960	26-Aug-12	22	8	\$21.39	Yes	\$35.04	\$13.65
1961	26-Aug-12	22	8	\$21.39	Yes	\$38.49	\$17.10
1962	26-Aug-12	22	9	\$21.39	Yes	\$35.04	\$13.65
1963	26-Aug-12	22	9	\$21.39	Yes	\$38.49	\$17.10
1964	26-Aug-12	22	10	\$21.13	Yes	\$35.04	\$13.91
1965	26-Aug-12	22	10	\$21.13	Yes	\$38.49	\$17.36
1966	26-Aug-12	22	11	\$17.92	Yes	\$35.04	\$17.12
1967	26-Aug-12	22	11	\$17.92	Yes	\$38.49	\$20.57
1968	26-Aug-12	22	12	\$13.55	Yes	\$35.04	\$21.49
1969	26-Aug-12	22	12	\$13.55	Yes	\$38.49	\$24.94
1970	26-Aug-12	23	1	\$22.03	Yes	\$35.04	\$13.01
1971	26-Aug-12	23	2	\$23.14	Yes	\$35.04	\$11.90
1972	26-Aug-12	23	3	\$25.61	Yes	\$30.77	\$5.16
1973	26-Aug-12	23	3	\$25.61	Yes	\$35.04	\$9.43
1974	26-Aug-12	23	4	\$23.10	Yes	\$30.77	\$7.67
1975	26-Aug-12	23	4	\$23.10	Yes	\$35.04	\$11.94
1976	26-Aug-12	23	5	\$22.21	Yes	\$30.77	\$8.56
1977	26-Aug-12	23	5	\$22.21	Yes	\$35.04	\$12.83



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1978	26-Aug-12	23	6	\$21.97	Yes	\$30.77	\$8.80
1979	26-Aug-12	23	6	\$21.97	Yes	\$35.04	\$13.07
1980	26-Aug-12	23	7	\$21.68	Yes	\$30.77	\$9.09
1981	26-Aug-12	23	7	\$21.68	Yes	\$35.04	\$13.36
1982	26-Aug-12	23	8	\$20.69	Yes	\$30.77	\$10.08
1983	26-Aug-12	23	8	\$20.69	Yes	\$35.04	\$14.35
1984	26-Aug-12	23	9	\$17.12	Yes	\$30.77	\$13.65
1985	26-Aug-12	23	9	\$17.12	Yes	\$35.04	\$17.92
1986	26-Aug-12	23	10	\$15.72	Yes	\$30.77	\$15.05
1987	26-Aug-12	23	10	\$15.72	Yes	\$35.04	\$19.32
1988	26-Aug-12	23	11	\$19.59	Yes	\$30.77	\$11.18
1989	26-Aug-12	23	11	\$19.59	Yes	\$35.04	\$15.45
1990	26-Aug-12	23	12	\$11.35	Yes	\$28.56	\$17.21
1991	26-Aug-12	23	12	\$11.35	Yes	\$30.77	\$19.42
1992	26-Aug-12	23	12	\$11.35	Yes	\$35.04	\$23.69
1993	26-Aug-12	24	1	\$20.78	Yes	\$28.56	\$7.78
1994	26-Aug-12	24	2	\$20.59	Yes	\$28.56	\$7.97
1995	26-Aug-12	24	3	\$20.59	Yes	\$28.56	\$7.97
1996	26-Aug-12	24	4	\$10.73	Yes	\$28.56	\$17.83
1997	26-Aug-12	24	5	(\$32.18)	Yes	\$28.56	\$60.74
1998	26-Aug-12	24	6	(\$31.87)	Yes	\$28.56	\$60.43
1999	30-Aug-12	22	12	\$18.48	Yes	\$37.23	\$18.75
2000	30-Aug-12	23	1	\$23.12	Yes	\$36.29	\$13.17
2001	30-Aug-12	23	2	\$23.18	Yes	\$54.29	\$31.11
2002	30-Aug-12	23	3	\$23.32	Yes	\$54.29	\$30.97
2003	30-Aug-12	23	4	\$21.53	Yes	\$54.29	\$32.76
2004	30-Aug-12	23	5	\$20.15	Yes	\$54.29	\$34.14
2005	30-Aug-12	23	6	\$18.04	Yes	\$54.29	\$36.25
2006	30-Aug-12	23	7	\$18.30	Yes	\$54.29	\$35.99
2007	30-Aug-12	23	8	\$18.41	Yes	\$54.29	\$35.88
2008	30-Aug-12	23	9	\$18.19	Yes	\$54.29	\$36.10
2009	30-Aug-12	23	10	\$17.79	Yes	\$54.29	\$36.50
2010	30-Aug-12	23	11	\$15.63	Yes	\$54.29	\$38.66
2011	30-Aug-12	23	12	\$13.15	Yes	\$54.29	\$41.14
2012	30-Aug-12	24	1	\$19.66	Yes	\$34.39	\$14.73
2013	30-Aug-12	24	2	\$21.32	Yes	\$34.39	\$13.07
2014	30-Aug-12	24	3	\$22.43	Yes	\$34.39	\$11.96
2015	30-Aug-12	24	4	\$22.08	Yes	\$34.39	\$12.31
2016	30-Aug-12	24	5	\$22.66	Yes	\$34.39	\$11.73
2017	30-Aug-12	24	6	\$22.52	Yes	\$34.39	\$11.87
2018	30-Aug-12	24	7	\$21.92	Yes	\$34.39	\$12.47
2019	30-Aug-12	24	8	\$20.97	Yes	\$34.39	\$13.42
2020	30-Aug-12	24	9	\$20.63	Yes	\$34.39	\$13.76
2021	30-Aug-12	24	10	\$21.32	Yes	\$34.39	\$13.07
2022	30-Aug-12	24	11	\$21.13	Yes	\$34.39	\$13.26

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2023	30-Aug-12	24	12	\$21.32	Yes	\$34.39	\$13.07
2024	31-Aug-12	13	2	\$20.21	Yes	\$37.23	\$17.02
2025	31-Aug-12	13	3	\$20.71	Yes	\$37.23	\$16.52
2026	31-Aug-12	13	4	\$22.43	Yes	\$37.23	\$14.80
2027	31-Aug-12	13	5	\$22.30	Yes	\$37.23	\$14.93
2028	31-Aug-12	13	6	\$26.05	Yes	\$37.23	\$11.18
2029	31-Aug-12	13	7	\$21.08	Yes	\$35.12	\$14.04
2030	31-Aug-12	13	7	\$21.08	Yes	\$37.23	\$16.15
2031	31-Aug-12	13	8	\$21.47	Yes	\$35.12	\$13.65
2032	31-Aug-12	13	8	\$21.47	Yes	\$37.23	\$15.76
2033	31-Aug-12	13	9	\$21.08	Yes	\$35.12	\$14.04
2034	31-Aug-12	13	9	\$21.08	Yes	\$37.23	\$16.15
2035	31-Aug-12	13	10	\$21.27	Yes	\$35.12	\$13.85
2036	31-Aug-12	13	10	\$21.27	Yes	\$37.23	\$15.96
2037	31-Aug-12	13	11	\$21.59	Yes	\$35.12	\$13.53
2038	31-Aug-12	13	11	\$21.59	Yes	\$37.23	\$15.64
2039	31-Aug-12	13	12	\$22.01	Yes	\$35.12	\$13.11
2040	31-Aug-12	13	12	\$22.01	Yes	\$37.23	\$15.22
2041	31-Aug-12	14	1	\$19.02	Yes	\$35.12	\$16.10
2042	31-Aug-12	14	2	\$17.99	Yes	\$35.12	\$17.13
2043	31-Aug-12	14	3	\$18.31	Yes	\$35.12	\$16.81
2044	31-Aug-12	14	4	\$18.34	Yes	\$35.12	\$16.78
2045	31-Aug-12	14	5	\$18.73	Yes	\$35.12	\$16.39
2046	31-Aug-12	14	6	\$17.93	Yes	\$35.12	\$17.19
2047	31-Aug-12	14	7	\$19.84	Yes	\$35.12	\$15.28
2048	31-Aug-12	14	8	\$20.11	Yes	\$35.12	\$15.01
2049	31-Aug-12	14	9	\$19.15	Yes	\$35.12	\$15.97
2050	31-Aug-12	14	9	\$19.15	Yes	\$40.90	\$21.75
2051	31-Aug-12	14	10	\$11.76	Yes	\$35.12	\$23.36
2052	31-Aug-12	14	10	\$11.76	Yes	\$40.90	\$29.14
2053	31-Aug-12	14	11	\$17.47	Yes	\$35.12	\$17.65
2054	31-Aug-12	14	11	\$17.47	Yes	\$40.90	\$23.43
2055	31-Aug-12	14	12	\$16.55	Yes	\$35.12	\$18.57
2056	31-Aug-12	14	12	\$16.55	Yes	\$40.90	\$24.35
2057	31-Aug-12	15	1	\$17.82	Yes	\$40.90	\$23.08
2058	31-Aug-12	15	2	\$17.82	Yes	\$40.90	\$23.08
2059	31-Aug-12	15	3	\$17.82	Yes	\$40.90	\$23.08
2060	31-Aug-12	15	4	\$17.95	Yes	\$40.90	\$22.95
2061	31-Aug-12	15	5	\$18.80	Yes	\$40.90	\$22.10
2062	31-Aug-12	15	6	\$18.89	Yes	\$40.90	\$22.01
2063	31-Aug-12	15	7	\$20.00	Yes	\$40.90	\$20.90
2064	31-Aug-12	15	8	\$20.02	Yes	\$40.90	\$20.88
2065	31-Aug-12	15	9	\$20.02	Yes	\$40.90	\$20.88
2066	31-Aug-12	15	10	\$16.86	Yes	\$40.90	\$24.04
2067	31-Aug-12	15	11	\$16.86	Yes	\$40.90	\$24.04

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2068	31-Aug-12	15	11	\$16.86	Yes	\$42.95	\$26.09
2069	31-Aug-12	15	12	\$17.13	Yes	\$40.90	\$23.77
2070	31-Aug-12	15	12	\$17.13	Yes	\$42.95	\$25.82
2071	31-Aug-12	16	1	\$18.78	Yes	\$42.95	\$24.17
2072	31-Aug-12	16	2	\$20.35	Yes	\$42.95	\$22.60
2073	31-Aug-12	16	3	\$20.38	Yes	\$42.95	\$22.57
2074	31-Aug-12	16	4	\$20.34	Yes	\$42.95	\$22.61
2075	31-Aug-12	16	5	\$20.34	Yes	\$42.95	\$22.61
2076	31-Aug-12	16	6	\$20.38	Yes	\$42.95	\$22.57
2077	31-Aug-12	16	7	\$20.63	Yes	\$42.95	\$22.32
2078	31-Aug-12	16	8	\$20.62	Yes	\$42.95	\$22.33
2079	31-Aug-12	16	9	\$20.54	Yes	\$42.95	\$22.41
2080	31-Aug-12	16	10	\$10.07	Yes	\$42.95	\$32.88
2081	31-Aug-12	16	11	\$12.96	Yes	\$42.95	\$29.99
2082	31-Aug-12	16	12	\$15.03	Yes	\$42.95	\$27.92
2083	31-Aug-12	17	1	\$17.84	Yes	\$42.95	\$25.11
2084	31-Aug-12	17	2	\$18.89	Yes	\$42.95	\$24.06
2085	31-Aug-12	17	3	\$19.66	Yes	\$42.95	\$23.29
2086	31-Aug-12	17	4	\$19.92	Yes	\$42.95	\$23.03
2087	31-Aug-12	17	5	\$19.89	Yes	\$42.95	\$23.06
2088	31-Aug-12	17	6	\$19.90	Yes	\$42.95	\$23.05
2089	31-Aug-12	17	7	\$13.62	Yes	\$42.95	\$29.33
2090	31-Aug-12	17	8	\$15.98	Yes	\$42.95	\$26.97
2091	31-Aug-12	17	9	\$16.34	Yes	\$42.95	\$26.61
2092	31-Aug-12	17	10	\$14.72	Yes	\$42.95	\$28.23
2093	31-Aug-12	17	11	\$14.71	Yes	\$42.95	\$28.24
2094	31-Aug-12	17	12	\$14.42	Yes	\$42.95	\$28.53
2095	31-Aug-12	18	1	\$17.75	Yes	\$42.95	\$25.20
2096	31-Aug-12	18	2	\$12.72	Yes	\$42.95	\$30.23
2097	31-Aug-12	18	3	\$10.81	Yes	\$42.95	\$32.14
2098	31-Aug-12	18	4	\$19.02	Yes	\$42.95	\$23.93
2099	31-Aug-12	18	5	\$18.96	Yes	\$42.95	\$23.99
2100	31-Aug-12	18	6	\$17.95	Yes	\$42.95	\$25.00
2101	31-Aug-12	18	7	\$17.99	Yes	\$42.95	\$24.96
2102	31-Aug-12	18	8	\$18.00	Yes	\$42.95	\$24.95
2103	31-Aug-12	18	9	\$17.01	Yes	\$42.95	\$25.94
2104	31-Aug-12	18	10	\$11.30	Yes	\$42.95	\$31.65
2105	31-Aug-12	18	11	\$12.64	Yes	\$42.95	\$30.31
2106	31-Aug-12	18	12	\$10.91	Yes	\$42.95	\$32.04
2107	31-Aug-12	19	1	\$13.24	Yes	\$42.95	\$29.71
2108	31-Aug-12	19	2	\$14.86	Yes	\$42.95	\$28.09
2109	31-Aug-12	19	3	\$14.90	Yes	\$42.95	\$28.05
2110	31-Aug-12	19	4	\$15.44	Yes	\$42.95	\$27.51
2111	31-Aug-12	19	5	\$14.35	Yes	\$42.95	\$28.60
2112	31-Aug-12	19	6	\$14.41	Yes	\$42.95	\$28.54

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2113	31-Aug-12	19	7	\$3.53	Yes	\$42.95	\$39.42
2114	31-Aug-12	19	8	\$10.83	Yes	\$42.95	\$32.12
2115	31-Aug-12	19	9	\$12.91	Yes	\$42.95	\$30.04
2116	31-Aug-12	19	10	\$12.66	Yes	\$42.95	\$30.29
2117	31-Aug-12	19	11	\$11.13	Yes	\$42.95	\$31.82
2118	31-Aug-12	19	12	\$7.95	Yes	\$42.95	\$35.00
2119	31-Aug-12	20	1	\$5.56	Yes	\$42.95	\$37.39
2120	31-Aug-12	20	2	\$5.56	Yes	\$42.95	\$37.39
2121	31-Aug-12	20	3	\$11.82	Yes	\$42.95	\$31.13
2122	31-Aug-12	20	4	\$11.44	Yes	\$42.95	\$31.51
2123	31-Aug-12	20	5	\$10.90	Yes	\$42.95	\$32.05
2124	31-Aug-12	20	6	\$11.51	Yes	\$42.95	\$31.44
2125	31-Aug-12	20	7	\$17.75	Yes	\$42.95	\$25.20
2126	31-Aug-12	20	8	\$17.75	Yes	\$42.95	\$25.20
2127	31-Aug-12	20	9	\$17.76	Yes	\$42.95	\$25.19
2128	31-Aug-12	20	10	\$20.53	Yes	\$42.95	\$22.42
2129	31-Aug-12	20	11	\$20.44	Yes	\$42.95	\$22.51
2130	31-Aug-12	20	12	\$20.33	Yes	\$42.95	\$22.62
2131	31-Aug-12	22	7	\$18.45	Yes	\$29.58	\$11.13
2132	31-Aug-12	22	8	\$18.45	Yes	\$29.58	\$11.13
2133	31-Aug-12	22	9	\$18.33	Yes	\$29.58	\$11.25
2134	31-Aug-12	22	10	\$18.53	Yes	\$29.58	\$11.06
2135	31-Aug-12	22	11	\$18.24	Yes	\$29.58	\$11.34
2136	31-Aug-12	22	12	\$18.53	Yes	\$29.58	\$11.06
2137	31-Aug-12	23	1	\$22.73	Yes	\$29.58	\$6.85
2138	31-Aug-12	23	2	\$23.20	Yes	\$29.58	\$6.38
2139	31-Aug-12	23	3	\$23.28	Yes	\$29.58	\$6.30
2140	31-Aug-12	23	4	\$21.99	Yes	\$29.58	\$7.59
2141	31-Aug-12	23	5	\$21.52	Yes	\$29.58	\$8.06
2142	31-Aug-12	23	6	\$19.53	Yes	\$29.58	\$10.05
2143	31-Aug-12	23	7	\$19.37	Yes	\$29.58	\$10.21
2144	31-Aug-12	23	8	\$18.80	Yes	\$29.58	\$10.78
2145	31-Aug-12	23	9	\$18.37	Yes	\$29.58	\$11.21
2146	31-Aug-12	23	10	\$19.03	Yes	\$29.58	\$10.55
2147	31-Aug-12	23	11	\$19.02	Yes	\$29.58	\$10.56
2148	31-Aug-12	23	12	\$14.49	Yes	\$29.58	\$15.09
2149	31-Aug-12	24	1	\$18.28	Yes	\$29.58	\$11.30

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	1-Aug-12	11	1	\$29.66	Yes	\$1,000.00	\$970.34
2	1-Aug-12	11	2	\$29.05	Yes	\$1,000.00	\$970.95
3	1-Aug-12	11	3	\$26.80	Yes	\$1,000.00	\$973.20
4	1-Aug-12	11	4	\$29.00	Yes	\$1,000.00	\$971.00
5	1-Aug-12	11	5	\$28.72	Yes	\$1,000.00	\$971.28
6	1-Aug-12	11	6	\$26.79	Yes	\$1,000.00	\$973.21
7	1-Aug-12	11	7	\$28.70	Yes	\$1,000.00	\$971.30
8	1-Aug-12	11	8	\$29.48	Yes	\$1,000.00	\$970.52
9	1-Aug-12	11	9	\$29.52	Yes	\$1,000.00	\$970.48
10	1-Aug-12	11	10	\$31.53	Yes	\$1,000.00	\$968.47
11	1-Aug-12	11	11	\$31.80	Yes	\$1,000.00	\$968.20
12	1-Aug-12	11	12	\$33.90	Yes	\$1,000.00	\$966.10
13	1-Aug-12	12	1	\$29.58	Yes	\$1,000.00	\$970.42
14	1-Aug-12	12	2	\$29.58	Yes	\$1,000.00	\$970.42
15	1-Aug-12	12	3	\$27.18	Yes	\$1,000.00	\$972.82
16	1-Aug-12	12	4	\$24.49	Yes	\$1,000.00	\$975.51
17	1-Aug-12	12	5	\$25.12	Yes	\$1,000.00	\$974.88
18	1-Aug-12	12	6	\$26.90	Yes	\$1,000.00	\$973.10
19	1-Aug-12	12	7	\$29.14	Yes	\$1,000.00	\$970.86
20	1-Aug-12	12	8	\$34.10	Yes	\$1,000.00	\$965.90
21	1-Aug-12	12	9	\$34.10	Yes	\$1,000.00	\$965.90
22	1-Aug-12	12	10	\$30.85	Yes	\$1,000.00	\$969.15
23	1-Aug-12	12	11	\$30.85	Yes	\$1,000.00	\$969.15
24	1-Aug-12	12	12	\$33.76	Yes	\$1,000.00	\$966.24
25	1-Aug-12	13	1	\$26.92	Yes	\$1,000.00	\$973.08
26	1-Aug-12	13	2	\$24.59	Yes	\$1,000.00	\$975.41
27	1-Aug-12	13	3	\$24.52	Yes	\$1,000.00	\$975.48
28	1-Aug-12	13	4	\$24.52	Yes	\$1,000.00	\$975.48
29	1-Aug-12	13	5	\$24.52	Yes	\$1,000.00	\$975.48
30	1-Aug-12	13	6	\$24.55	Yes	\$1,000.00	\$975.45
31	1-Aug-12	13	7	\$24.55	Yes	\$1,000.00	\$975.45
32	1-Aug-12	13	8	\$27.76	Yes	\$1,000.00	\$972.24
33	1-Aug-12	13	9	\$28.37	Yes	\$1,000.00	\$971.63
34	1-Aug-12	13	10	\$29.27	Yes	\$1,000.00	\$970.73
35	1-Aug-12	13	11	\$30.26	Yes	\$1,000.00	\$969.74
36	1-Aug-12	13	12	\$29.27	Yes	\$1,000.00	\$970.73
37	1-Aug-12	14	1	\$24.49	Yes	\$1,000.00	\$975.51
38	1-Aug-12	14	2	\$24.76	Yes	\$1,000.00	\$975.24
39	1-Aug-12	14	3	\$24.80	Yes	\$1,000.00	\$975.20
40	1-Aug-12	14	4	\$24.81	Yes	\$1,000.00	\$975.19

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
41	1-Aug-12	14	5	\$26.74	Yes	\$1,000.00	\$973.26
42	1-Aug-12	14	6	\$28.91	Yes	\$1,000.00	\$971.09
43	1-Aug-12	14	7	\$29.64	Yes	\$1,000.00	\$970.36
44	1-Aug-12	14	8	\$29.05	Yes	\$1,000.00	\$970.95
45	1-Aug-12	14	9	\$29.99	Yes	\$1,000.00	\$970.01
46	1-Aug-12	14	10	\$30.31	Yes	\$1,000.00	\$969.69
47	1-Aug-12	14	11	\$30.32	Yes	\$1,000.00	\$969.68
48	1-Aug-12	14	12	\$34.44	Yes	\$1,000.00	\$965.56
49	1-Aug-12	15	1	\$25.78	Yes	\$1,000.00	\$974.22
50	1-Aug-12	15	2	\$25.78	Yes	\$1,000.00	\$974.22
51	1-Aug-12	15	3	\$26.18	Yes	\$1,000.00	\$973.82
52	1-Aug-12	15	4	\$26.92	Yes	\$1,000.00	\$973.08
53	1-Aug-12	15	5	\$26.93	Yes	\$1,000.00	\$973.07
54	1-Aug-12	15	6	\$26.92	Yes	\$1,000.00	\$973.08
55	1-Aug-12	15	7	\$28.70	Yes	\$1,000.00	\$971.30
56	1-Aug-12	15	8	\$28.90	Yes	\$1,000.00	\$971.10
57	1-Aug-12	15	9	\$30.39	Yes	\$1,000.00	\$969.61
58	1-Aug-12	15	10	\$32.98	Yes	\$1,000.00	\$967.02
59	1-Aug-12	15	11	\$34.81	Yes	\$1,000.00	\$965.19
60	1-Aug-12	15	12	\$131.68	Yes	\$1,000.00	\$868.32
61	1-Aug-12	16	1	\$32.23	Yes	\$1,000.00	\$967.77
62	1-Aug-12	16	2	\$33.98	Yes	\$1,000.00	\$966.02
63	1-Aug-12	16	3	\$33.98	Yes	\$1,000.00	\$966.02
64	1-Aug-12	16	4	\$34.45	Yes	\$1,000.00	\$965.55
65	1-Aug-12	16	5	\$35.19	Yes	\$1,000.00	\$964.81
66	1-Aug-12	16	6	\$35.19	Yes	\$1,000.00	\$964.81
67	1-Aug-12	16	7	\$35.40	Yes	\$1,000.00	\$964.60
68	1-Aug-12	16	8	\$34.57	Yes	\$1,000.00	\$965.43
69	1-Aug-12	16	9	\$34.77	Yes	\$1,000.00	\$965.23
70	1-Aug-12	16	10	\$34.49	Yes	\$1,000.00	\$965.51
71	1-Aug-12	16	11	\$34.09	Yes	\$1,000.00	\$965.91
72	1-Aug-12	16	12	\$34.87	Yes	\$1,000.00	\$965.13
73	1-Aug-12	17	1	\$30.52	Yes	\$1,000.00	\$969.48
74	1-Aug-12	17	2	\$30.46	Yes	\$1,000.00	\$969.54
75	1-Aug-12	17	3	\$31.69	Yes	\$1,000.00	\$968.31
76	1-Aug-12	17	4	\$30.39	Yes	\$1,000.00	\$969.61
77	1-Aug-12	17	5	\$33.23	Yes	\$1,000.00	\$966.77
78	1-Aug-12	17	6	\$31.69	Yes	\$1,000.00	\$968.31
79	1-Aug-12	17	7	\$31.74	Yes	\$1,000.00	\$968.26
80	1-Aug-12	17	8	\$30.51	Yes	\$1,000.00	\$969.49
81	1-Aug-12	17	9	\$30.31	Yes	\$1,000.00	\$969.69
82	1-Aug-12	17	10	\$28.74	Yes	\$1,000.00	\$971.26
83	1-Aug-12	17	11	\$28.75	Yes	\$1,000.00	\$971.25
84	1-Aug-12	17	12	\$28.74	Yes	\$1,000.00	\$971.26
85	1-Aug-12	18	1	\$26.68	Yes	\$1,000.00	\$973.32

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
86	1-Aug-12	18	2	\$26.68	Yes	\$1,000.00	\$973.32
87	1-Aug-12	18	3	\$26.68	Yes	\$1,000.00	\$973.32
88	1-Aug-12	18	4	\$26.66	Yes	\$1,000.00	\$973.34
89	1-Aug-12	18	5	\$24.56	Yes	\$1,000.00	\$975.44
90	1-Aug-12	18	6	\$24.60	Yes	\$1,000.00	\$975.40
91	1-Aug-12	18	7	\$24.44	Yes	\$1,000.00	\$975.56
92	1-Aug-12	18	8	\$24.46	Yes	\$1,000.00	\$975.54
93	1-Aug-12	18	9	\$24.45	Yes	\$1,000.00	\$975.55
94	1-Aug-12	18	10	\$24.25	Yes	\$1,000.00	\$975.75
95	1-Aug-12	18	11	\$24.45	Yes	\$1,000.00	\$975.55
96	1-Aug-12	18	12	\$22.30	Yes	\$1,000.00	\$977.70
97	1-Aug-12	19	1	\$24.64	Yes	\$1,000.00	\$975.36
98	1-Aug-12	19	2	\$24.63	Yes	\$1,000.00	\$975.37
99	1-Aug-12	19	3	\$24.64	Yes	\$1,000.00	\$975.36
100	1-Aug-12	19	4	\$28.59	Yes	\$1,000.00	\$971.41
101	1-Aug-12	19	5	\$28.59	Yes	\$1,000.00	\$971.41
102	1-Aug-12	19	6	\$28.33	Yes	\$1,000.00	\$971.67
103	1-Aug-12	19	7	\$28.22	Yes	\$1,000.00	\$971.78
104	1-Aug-12	19	8	\$26.13	Yes	\$1,000.00	\$973.87
105	1-Aug-12	19	9	\$24.52	Yes	\$1,000.00	\$975.48
106	1-Aug-12	19	10	\$28.51	Yes	\$1,000.00	\$971.49
107	1-Aug-12	19	11	\$28.51	Yes	\$1,000.00	\$971.49
108	1-Aug-12	19	12	\$28.51	Yes	\$1,000.00	\$971.49
109	1-Aug-12	20	1	\$32.56	Yes	\$1,000.00	\$967.44
110	1-Aug-12	20	2	\$32.58	Yes	\$1,000.00	\$967.42
111	1-Aug-12	20	3	\$29.03	Yes	\$1,000.00	\$970.97
112	1-Aug-12	20	4	\$29.44	Yes	\$1,000.00	\$970.56
113	1-Aug-12	20	5	\$28.58	Yes	\$1,000.00	\$971.42
114	1-Aug-12	20	6	\$28.58	Yes	\$1,000.00	\$971.42
115	1-Aug-12	20	7	\$27.33	Yes	\$1,000.00	\$972.67
116	1-Aug-12	20	8	\$26.41	Yes	\$1,000.00	\$973.59
117	1-Aug-12	20	9	\$26.41	Yes	\$1,000.00	\$973.59
118	1-Aug-12	20	10	\$20.79	Yes	\$1,000.00	\$979.21
119	1-Aug-12	20	11	\$22.38	Yes	\$1,000.00	\$977.62
120	1-Aug-12	20	12	\$21.60	Yes	\$1,000.00	\$978.40
121	1-Aug-12	21	1	\$24.36	Yes	\$1,000.00	\$975.64
122	1-Aug-12	21	2	\$24.73	Yes	\$1,000.00	\$975.27
123	1-Aug-12	21	3	\$24.73	Yes	\$1,000.00	\$975.27
124	1-Aug-12	21	4	\$20.66	Yes	\$1,000.00	\$979.34
125	1-Aug-12	21	5	\$21.47	Yes	\$1,000.00	\$978.53
126	1-Aug-12	21	6	\$20.66	Yes	\$1,000.00	\$979.34
127	1-Aug-12	21	7	\$20.67	Yes	\$1,000.00	\$979.33
128	1-Aug-12	21	8	\$19.61	Yes	\$1,000.00	\$980.39
129	1-Aug-12	21	9	\$20.51	Yes	\$1,000.00	\$979.49
130	1-Aug-12	21	10	\$20.13	Yes	\$1,000.00	\$979.87

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
131	1-Aug-12	21	11	\$20.72	Yes	\$1,000.00	\$979.28
132	1-Aug-12	21	12	\$19.86	Yes	\$1,000.00	\$980.14
133	1-Aug-12	22	1	\$20.72	Yes	\$1,000.00	\$979.28
134	1-Aug-12	22	2	\$19.82	Yes	\$1,000.00	\$980.18
135	1-Aug-12	22	3	\$20.72	Yes	\$1,000.00	\$979.28
136	1-Aug-12	22	4	\$18.99	Yes	\$1,000.00	\$981.01
137	1-Aug-12	22	5	\$20.71	Yes	\$1,000.00	\$979.29
138	1-Aug-12	22	6	\$24.09	Yes	\$1,000.00	\$975.91
139	1-Aug-12	22	7	\$19.84	Yes	\$1,000.00	\$980.16
140	1-Aug-12	22	8	\$20.29	Yes	\$1,000.00	\$979.71
141	1-Aug-12	22	9	\$20.09	Yes	\$1,000.00	\$979.91
142	1-Aug-12	22	10	\$13.47	Yes	\$1,000.00	\$986.53
143	1-Aug-12	22	11	\$19.15	Yes	\$1,000.00	\$980.85
144	1-Aug-12	22	12	\$19.78	Yes	\$1,000.00	\$980.22
145	2-Aug-12	11	12	\$0.00	Yes	\$1,000.00	\$1,000.00
146	2-Aug-12	12	1	\$0.00	Yes	\$1,000.00	\$1,000.00
147	2-Aug-12	12	2	\$0.00	Yes	\$1,000.00	\$1,000.00
148	2-Aug-12	12	3	\$30.21	Yes	\$1,000.00	\$969.79
149	2-Aug-12	12	4	\$31.26	Yes	\$1,000.00	\$968.74
150	2-Aug-12	12	5	\$33.43	Yes	\$1,000.00	\$966.57
151	2-Aug-12	12	6	\$35.91	Yes	\$1,000.00	\$964.09
152	2-Aug-12	12	7	\$34.48	Yes	\$1,000.00	\$965.52
153	2-Aug-12	12	8	\$31.87	Yes	\$1,000.00	\$968.13
154	2-Aug-12	12	9	\$3.32	Yes	\$1,000.00	\$996.68
155	2-Aug-12	12	10	\$16.64	Yes	\$1,000.00	\$983.36
156	2-Aug-12	12	11	\$116.93	Yes	\$1,000.00	\$883.07
157	2-Aug-12	12	12	\$36.85	Yes	\$1,000.00	\$963.15
158	2-Aug-12	13	1	\$28.96	Yes	\$1,000.00	\$971.04
159	2-Aug-12	13	2	\$29.84	Yes	\$1,000.00	\$970.16
160	2-Aug-12	13	3	\$29.84	Yes	\$1,000.00	\$970.16
161	2-Aug-12	13	4	\$29.82	Yes	\$1,000.00	\$970.18
162	2-Aug-12	13	5	\$28.90	Yes	\$1,000.00	\$971.10
163	2-Aug-12	13	6	\$28.58	Yes	\$1,000.00	\$971.42
164	2-Aug-12	13	7	\$27.54	Yes	\$1,000.00	\$972.46
165	2-Aug-12	13	8	\$29.86	Yes	\$1,000.00	\$970.14
166	2-Aug-12	13	9	\$30.62	Yes	\$1,000.00	\$969.38
167	2-Aug-12	13	10	\$33.90	Yes	\$1,000.00	\$966.10
168	2-Aug-12	13	11	\$34.14	Yes	\$1,000.00	\$965.86
169	2-Aug-12	13	12	\$34.64	Yes	\$1,000.00	\$965.36
170	2-Aug-12	14	1	\$27.93	Yes	\$1,000.00	\$972.07
171	2-Aug-12	14	2	\$26.29	Yes	\$1,000.00	\$973.71
172	2-Aug-12	14	3	\$26.67	Yes	\$1,000.00	\$973.33
173	2-Aug-12	14	4	\$25.69	Yes	\$1,000.00	\$974.31
174	2-Aug-12	14	5	\$27.42	Yes	\$1,000.00	\$972.58
175	2-Aug-12	14	6	\$28.19	Yes	\$1,000.00	\$971.81



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
176	2-Aug-12	14	7	\$29.08	Yes	\$1,000.00	\$970.92
177	2-Aug-12	14	8	\$34.75	Yes	\$1,000.00	\$965.25
178	2-Aug-12	14	9	\$34.75	Yes	\$1,000.00	\$965.25
179	2-Aug-12	14	10	\$34.90	Yes	\$1,000.00	\$965.10
180	2-Aug-12	14	11	\$34.65	Yes	\$1,000.00	\$965.35
181	2-Aug-12	14	12	\$34.65	Yes	\$1,000.00	\$965.35
182	2-Aug-12	15	1	\$30.45	Yes	\$1,000.00	\$969.55
183	2-Aug-12	15	2	\$30.89	Yes	\$1,000.00	\$969.11
184	2-Aug-12	15	3	\$34.01	Yes	\$1,000.00	\$965.99
185	2-Aug-12	15	4	\$34.94	Yes	\$1,000.00	\$965.06
186	2-Aug-12	15	5	\$34.94	Yes	\$1,000.00	\$965.06
187	2-Aug-12	15	6	\$34.94	Yes	\$1,000.00	\$965.06
188	2-Aug-12	15	7	\$34.94	Yes	\$1,000.00	\$965.06
189	2-Aug-12	15	8	\$34.94	Yes	\$1,000.00	\$965.06
190	2-Aug-12	15	9	\$34.94	Yes	\$1,000.00	\$965.06
191	2-Aug-12	15	10	\$34.94	Yes	\$1,000.00	\$965.06
192	2-Aug-12	15	11	\$34.86	Yes	\$1,000.00	\$965.14
193	2-Aug-12	15	12	\$36.71	Yes	\$1,000.00	\$963.29
194	2-Aug-12	16	1	\$29.65	Yes	\$1,000.00	\$970.35
195	2-Aug-12	16	2	\$29.65	Yes	\$1,000.00	\$970.35
196	2-Aug-12	16	3	\$29.81	Yes	\$1,000.00	\$970.19
197	2-Aug-12	16	4	\$29.56	Yes	\$1,000.00	\$970.44
198	2-Aug-12	16	5	\$30.60	Yes	\$1,000.00	\$969.40
199	2-Aug-12	16	6	\$32.91	Yes	\$1,000.00	\$967.09
200	2-Aug-12	16	7	\$34.12	Yes	\$1,000.00	\$965.88
201	2-Aug-12	16	8	\$33.10	Yes	\$1,000.00	\$966.90
202	2-Aug-12	16	9	\$32.94	Yes	\$1,000.00	\$967.06
203	2-Aug-12	16	10	\$33.24	Yes	\$1,000.00	\$966.76
204	2-Aug-12	16	11	\$30.71	Yes	\$1,000.00	\$969.29
205	2-Aug-12	16	12	\$29.85	Yes	\$1,000.00	\$970.15
206	2-Aug-12	17	1	\$30.12	Yes	\$1,000.00	\$969.88
207	2-Aug-12	17	2	\$32.47	Yes	\$1,000.00	\$967.53
208	2-Aug-12	17	3	\$32.80	Yes	\$1,000.00	\$967.20
209	2-Aug-12	17	4	\$31.51	Yes	\$1,000.00	\$968.49
210	2-Aug-12	17	5	\$31.51	Yes	\$1,000.00	\$968.49
211	2-Aug-12	17	6	\$29.88	Yes	\$1,000.00	\$970.12
212	2-Aug-12	17	7	\$29.88	Yes	\$1,000.00	\$970.12
213	2-Aug-12	17	8	\$31.86	Yes	\$1,000.00	\$968.14
214	2-Aug-12	17	9	\$30.05	Yes	\$1,000.00	\$969.95
215	2-Aug-12	17	10	\$29.80	Yes	\$1,000.00	\$970.20
216	2-Aug-12	17	11	\$31.57	Yes	\$1,000.00	\$968.43
217	2-Aug-12	17	12	\$29.77	Yes	\$1,000.00	\$970.23
218	2-Aug-12	18	1	\$29.76	Yes	\$1,000.00	\$970.24
219	2-Aug-12	18	2	\$29.76	Yes	\$1,000.00	\$970.24
220	2-Aug-12	18	3	\$29.62	Yes	\$1,000.00	\$970.38

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
221	2-Aug-12	18	4	\$29.58	Yes	\$1,000.00	\$970.42
222	2-Aug-12	18	5	\$25.66	Yes	\$1,000.00	\$974.34
223	2-Aug-12	18	6	\$25.66	Yes	\$1,000.00	\$974.34
224	2-Aug-12	18	7	\$26.05	Yes	\$1,000.00	\$973.95
225	2-Aug-12	18	8	\$26.47	Yes	\$1,000.00	\$973.53
226	2-Aug-12	18	9	\$26.05	Yes	\$1,000.00	\$973.95
227	2-Aug-12	18	10	\$26.35	Yes	\$1,000.00	\$973.65
228	2-Aug-12	18	11	\$24.46	Yes	\$1,000.00	\$975.54
229	2-Aug-12	18	12	\$26.01	Yes	\$1,000.00	\$973.99
230	2-Aug-12	19	1	\$27.07	Yes	\$1,000.00	\$972.93
231	2-Aug-12	19	2	\$27.90	Yes	\$1,000.00	\$972.10
232	2-Aug-12	19	3	\$30.90	Yes	\$1,000.00	\$969.10
233	2-Aug-12	19	4	\$43.30	Yes	\$1,000.00	\$956.70
234	2-Aug-12	19	5	\$37.23	Yes	\$1,000.00	\$962.77
235	2-Aug-12	19	6	\$36.34	Yes	\$1,000.00	\$963.66
236	2-Aug-12	19	7	\$33.48	Yes	\$1,000.00	\$966.52
237	2-Aug-12	19	8	\$31.77	Yes	\$1,000.00	\$968.23
238	2-Aug-12	19	9	\$31.01	Yes	\$1,000.00	\$968.99
239	2-Aug-12	19	10	\$24.11	Yes	\$1,000.00	\$975.89
240	2-Aug-12	19	11	\$26.42	Yes	\$1,000.00	\$973.58
241	2-Aug-12	19	12	\$23.91	Yes	\$1,000.00	\$976.09
242	2-Aug-12	20	1	\$23.98	Yes	\$1,000.00	\$976.02
243	2-Aug-12	20	2	\$21.77	Yes	\$1,000.00	\$978.23
244	2-Aug-12	20	3	\$22.77	Yes	\$1,000.00	\$977.23
245	2-Aug-12	20	4	(\$11.64)	Yes	\$1,000.00	\$1,011.64
246	2-Aug-12	20	5	\$17.07	Yes	\$1,000.00	\$982.93
247	2-Aug-12	20	6	\$21.64	Yes	\$1,000.00	\$978.36
248	2-Aug-12	20	7	\$21.53	Yes	\$1,000.00	\$978.47
249	2-Aug-12	20	8	\$20.28	Yes	\$1,000.00	\$979.72
250	2-Aug-12	20	9	\$19.66	Yes	\$1,000.00	\$980.34
251	2-Aug-12	20	10	\$19.87	Yes	\$1,000.00	\$980.13
252	2-Aug-12	20	11	\$11.85	Yes	\$1,000.00	\$988.15
253	2-Aug-12	20	12	\$12.64	Yes	\$1,000.00	\$987.36
254	2-Aug-12	21	1	\$29.85	Yes	\$1,000.00	\$970.15
255	2-Aug-12	21	2	\$29.85	Yes	\$1,000.00	\$970.15
256	2-Aug-12	21	3	\$30.84	Yes	\$1,000.00	\$969.16
257	2-Aug-12	21	4	\$29.98	Yes	\$1,000.00	\$970.02
258	2-Aug-12	21	5	\$29.98	Yes	\$1,000.00	\$970.02
259	2-Aug-12	21	6	\$26.68	Yes	\$1,000.00	\$973.32
260	2-Aug-12	21	7	\$25.02	Yes	\$1,000.00	\$974.98
261	2-Aug-12	21	8	\$28.72	Yes	\$1,000.00	\$971.28
262	2-Aug-12	21	9	\$22.56	Yes	\$1,000.00	\$977.44
263	2-Aug-12	21	10	\$21.54	Yes	\$1,000.00	\$978.46
264	2-Aug-12	21	11	\$21.60	Yes	\$1,000.00	\$978.40
265	2-Aug-12	21	12	\$19.90	Yes	\$1,000.00	\$980.10

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
266	2-Aug-12	22	1	\$20.05	Yes	\$1,000.00	\$979.95
267	2-Aug-12	22	2	(\$35.40)	Yes	\$1,000.00	\$1,035.40
268	2-Aug-12	22	3	(\$4.12)	Yes	\$1,000.00	\$1,004.12
269	2-Aug-12	22	4	(\$34.60)	Yes	\$1,000.00	\$1,034.60
270	2-Aug-12	22	5	(\$34.60)	Yes	\$1,000.00	\$1,034.60
271	2-Aug-12	22	6	(\$34.60)	Yes	\$1,000.00	\$1,034.60
272	2-Aug-12	22	7	(\$34.60)	Yes	\$1,000.00	\$1,034.60
273	2-Aug-12	22	8	\$15.49	Yes	\$1,000.00	\$984.51
274	2-Aug-12	22	9	\$15.49	Yes	\$1,000.00	\$984.51
275	2-Aug-12	22	10	\$15.49	Yes	\$1,000.00	\$984.51
276	2-Aug-12	22	11	\$15.49	Yes	\$1,000.00	\$984.51
277	2-Aug-12	22	12	\$8.99	Yes	\$1,000.00	\$991.01
278	7-Aug-12	3	1	\$23.70	Yes	\$1,000.00	\$976.30
279	7-Aug-12	3	2	\$23.63	Yes	\$1,000.00	\$976.37
280	7-Aug-12	3	3	\$23.63	Yes	\$1,000.00	\$976.37
281	7-Aug-12	3	4	\$22.88	Yes	\$1,000.00	\$977.12
282	7-Aug-12	3	5	\$12.87	Yes	\$1,000.00	\$987.13
283	7-Aug-12	3	6	\$16.02	Yes	\$1,000.00	\$983.98
284	7-Aug-12	3	7	\$14.92	Yes	\$1,000.00	\$985.08
285	7-Aug-12	3	8	\$17.97	Yes	\$1,000.00	\$982.03
286	7-Aug-12	3	9	\$20.52	Yes	\$1,000.00	\$979.48
287	7-Aug-12	3	10	\$7.64	Yes	\$1,000.00	\$992.36
288	7-Aug-12	3	11	\$10.88	Yes	\$1,000.00	\$989.12
289	7-Aug-12	3	12	(\$10.58)	Yes	\$1,000.00	\$1,010.58
290	7-Aug-12	4	1	\$5.71	Yes	\$1,000.00	\$994.29
291	7-Aug-12	4	2	\$7.64	Yes	\$1,000.00	\$992.36
292	7-Aug-12	4	3	\$9.99	Yes	\$1,000.00	\$990.01
293	7-Aug-12	4	4	\$10.67	Yes	\$1,000.00	\$989.33
294	7-Aug-12	4	5	\$10.89	Yes	\$1,000.00	\$989.11
295	7-Aug-12	4	6	\$10.89	Yes	\$1,000.00	\$989.11
296	7-Aug-12	4	7	\$11.69	Yes	\$1,000.00	\$988.31
297	7-Aug-12	4	8	\$10.75	Yes	\$1,000.00	\$989.25
298	7-Aug-12	4	9	\$8.71	Yes	\$1,000.00	\$991.29
299	7-Aug-12	4	10	\$12.70	Yes	\$1,000.00	\$987.30
300	7-Aug-12	4	11	\$12.70	Yes	\$1,000.00	\$987.30
301	7-Aug-12	4	12	\$12.81	Yes	\$1,000.00	\$987.19
302	7-Aug-12	5	1	\$14.97	Yes	\$1,000.00	\$985.03
303	7-Aug-12	5	2	\$12.75	Yes	\$1,000.00	\$987.25
304	7-Aug-12	5	3	\$12.85	Yes	\$1,000.00	\$987.15
305	7-Aug-12	5	4	\$14.99	Yes	\$1,000.00	\$985.01
306	7-Aug-12	5	5	\$14.99	Yes	\$1,000.00	\$985.01
307	7-Aug-12	5	6	\$18.23	Yes	\$1,000.00	\$981.77
308	7-Aug-12	5	7	\$20.62	Yes	\$1,000.00	\$979.38
309	7-Aug-12	5	8	\$20.58	Yes	\$1,000.00	\$979.42
310	7-Aug-12	5	9	\$20.78	Yes	\$1,000.00	\$979.22

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
311	7-Aug-12	5	10	\$22.88	Yes	\$1,000.00	\$977.12
312	7-Aug-12	5	11	\$22.53	Yes	\$1,000.00	\$977.47
313	7-Aug-12	5	12	\$22.53	Yes	\$1,000.00	\$977.47
314	7-Aug-12	6	1	\$20.17	Yes	\$1,000.00	\$979.83
315	7-Aug-12	6	2	\$20.23	Yes	\$1,000.00	\$979.77
316	7-Aug-12	6	3	\$20.32	Yes	\$1,000.00	\$979.68
317	7-Aug-12	6	4	\$22.91	Yes	\$1,000.00	\$977.09
318	7-Aug-12	6	5	\$20.48	Yes	\$1,000.00	\$979.52
319	7-Aug-12	6	6	\$23.65	Yes	\$1,000.00	\$976.35
320	7-Aug-12	6	7	\$23.69	Yes	\$1,000.00	\$976.31
321	7-Aug-12	6	8	\$23.83	Yes	\$1,000.00	\$976.17
322	7-Aug-12	6	9	\$23.84	Yes	\$1,000.00	\$976.16
323	7-Aug-12	6	10	\$28.07	Yes	\$1,000.00	\$971.93
324	7-Aug-12	6	11	\$23.80	Yes	\$1,000.00	\$976.20
325	7-Aug-12	6	12	\$27.29	Yes	\$1,000.00	\$972.71
326	7-Aug-12	7	1	\$20.35	Yes	\$1,000.00	\$979.65
327	7-Aug-12	7	2	\$21.69	Yes	\$1,000.00	\$978.31
328	7-Aug-12	7	3	\$20.70	Yes	\$1,000.00	\$979.30
329	7-Aug-12	7	4	\$23.65	Yes	\$1,000.00	\$976.35
330	7-Aug-12	7	5	\$23.61	Yes	\$1,000.00	\$976.39
331	7-Aug-12	7	6	\$23.72	Yes	\$1,000.00	\$976.28
332	7-Aug-12	7	7	\$23.72	Yes	\$1,000.00	\$976.28
333	7-Aug-12	7	8	\$23.71	Yes	\$1,000.00	\$976.29
334	7-Aug-12	7	9	\$23.72	Yes	\$1,000.00	\$976.28
335	7-Aug-12	7	10	\$23.83	Yes	\$1,000.00	\$976.17
336	7-Aug-12	7	11	\$23.90	Yes	\$1,000.00	\$976.10
337	7-Aug-12	7	12	\$23.90	Yes	\$1,000.00	\$976.10
338	7-Aug-12	8	1	\$21.06	Yes	\$1,000.00	\$978.94
339	7-Aug-12	8	2	\$21.06	Yes	\$1,000.00	\$978.94
340	7-Aug-12	8	3	\$21.00	Yes	\$1,000.00	\$979.00
341	7-Aug-12	8	4	\$20.98	Yes	\$1,000.00	\$979.02
342	7-Aug-12	8	5	\$22.99	Yes	\$1,000.00	\$977.01
343	7-Aug-12	8	6	\$23.94	Yes	\$1,000.00	\$976.06
344	7-Aug-12	8	7	\$23.00	Yes	\$1,000.00	\$977.00
345	7-Aug-12	8	8	\$23.84	Yes	\$1,000.00	\$976.16
346	7-Aug-12	8	9	\$23.91	Yes	\$1,000.00	\$976.09
347	7-Aug-12	8	10	\$27.14	Yes	\$1,000.00	\$972.86
348	7-Aug-12	8	11	\$24.63	Yes	\$1,000.00	\$975.37
349	7-Aug-12	8	12	\$27.20	Yes	\$1,000.00	\$972.80
350	7-Aug-12	9	1	\$23.06	Yes	\$1,000.00	\$976.94
351	7-Aug-12	9	2	\$23.34	Yes	\$1,000.00	\$976.66
352	7-Aug-12	9	3	\$20.79	Yes	\$1,000.00	\$979.21
353	7-Aug-12	9	4	\$20.92	Yes	\$1,000.00	\$979.08
354	7-Aug-12	9	5	\$21.13	Yes	\$1,000.00	\$978.87
355	7-Aug-12	9	6	\$23.50	Yes	\$1,000.00	\$976.50

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
356	7-Aug-12	9	7	\$23.11	Yes	\$1,000.00	\$976.89
357	7-Aug-12	9	8	\$23.84	Yes	\$1,000.00	\$976.16
358	7-Aug-12	9	9	\$23.97	Yes	\$1,000.00	\$976.03
359	7-Aug-12	9	10	\$24.10	Yes	\$1,000.00	\$975.90
360	7-Aug-12	9	11	\$24.08	Yes	\$1,000.00	\$975.92
361	7-Aug-12	9	12	\$24.18	Yes	\$1,000.00	\$975.82
362	7-Aug-12	10	1	\$21.54	Yes	\$35.80	\$14.26
363	7-Aug-12	10	2	\$21.31	Yes	\$35.80	\$14.49
364	7-Aug-12	10	3	\$21.54	Yes	\$35.80	\$14.26
365	7-Aug-12	10	4	\$21.74	Yes	\$35.80	\$14.06
366	7-Aug-12	10	5	\$21.74	Yes	\$35.80	\$14.06
367	7-Aug-12	10	6	\$23.34	Yes	\$35.80	\$12.46
368	7-Aug-12	10	7	\$24.64	Yes	\$35.80	\$11.16
369	7-Aug-12	10	8	\$27.61	Yes	\$35.80	\$8.18
370	7-Aug-12	10	9	\$28.47	Yes	\$35.80	\$7.33
371	7-Aug-12	10	10	\$28.50	Yes	\$35.80	\$7.30
372	7-Aug-12	10	11	\$28.50	Yes	\$35.80	\$7.30
373	7-Aug-12	10	12	\$24.82	Yes	\$35.80	\$10.97
374	7-Aug-12	11	1	\$24.91	Yes	\$1,000.00	\$975.09
375	7-Aug-12	11	2	\$24.78	Yes	\$1,000.00	\$975.22
376	7-Aug-12	11	3	\$24.83	Yes	\$1,000.00	\$975.17
377	7-Aug-12	11	4	\$25.63	Yes	\$1,000.00	\$974.37
378	7-Aug-12	11	5	\$25.62	Yes	\$1,000.00	\$974.38
379	7-Aug-12	11	6	\$26.92	Yes	\$1,000.00	\$973.08
380	7-Aug-12	11	7	\$25.44	Yes	\$1,000.00	\$974.56
381	7-Aug-12	11	8	\$26.36	Yes	\$1,000.00	\$973.64
382	7-Aug-12	11	9	\$30.37	Yes	\$1,000.00	\$969.63
383	7-Aug-12	11	10	\$35.45	Yes	\$1,000.00	\$964.55
384	7-Aug-12	11	11	\$36.71	Yes	\$1,000.00	\$963.29
385	7-Aug-12	11	12	\$40.09	Yes	\$1,000.00	\$959.91
386	7-Aug-12	12	1	\$25.24	Yes	\$1,000.00	\$974.76
387	7-Aug-12	12	2	\$25.40	Yes	\$1,000.00	\$974.60
388	7-Aug-12	12	3	\$24.86	Yes	\$1,000.00	\$975.14
389	7-Aug-12	12	4	\$25.49	Yes	\$1,000.00	\$974.51
390	7-Aug-12	12	5	\$25.58	Yes	\$1,000.00	\$974.42
391	7-Aug-12	12	6	\$25.41	Yes	\$1,000.00	\$974.59
392	7-Aug-12	12	7	\$26.52	Yes	\$1,000.00	\$973.48
393	7-Aug-12	12	8	\$27.87	Yes	\$1,000.00	\$972.13
394	7-Aug-12	12	9	\$27.51	Yes	\$1,000.00	\$972.49
395	7-Aug-12	12	10	\$27.49	Yes	\$1,000.00	\$972.51
396	7-Aug-12	12	11	\$28.35	Yes	\$1,000.00	\$971.65
397	7-Aug-12	12	12	\$30.48	Yes	\$1,000.00	\$969.52
398	7-Aug-12	13	1	\$24.39	Yes	\$1,000.00	\$975.61
399	7-Aug-12	13	2	\$24.39	Yes	\$1,000.00	\$975.61
400	7-Aug-12	13	3	\$25.39	Yes	\$1,000.00	\$974.61

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
401	7-Aug-12	13	4	\$26.55	Yes	\$1,000.00	\$973.45
402	7-Aug-12	13	5	\$26.56	Yes	\$1,000.00	\$973.44
403	7-Aug-12	13	6	\$26.85	Yes	\$1,000.00	\$973.15
404	7-Aug-12	13	7	\$28.55	Yes	\$1,000.00	\$971.45
405	7-Aug-12	13	8	\$28.73	Yes	\$1,000.00	\$971.27
406	7-Aug-12	13	9	\$30.80	Yes	\$1,000.00	\$969.20
407	7-Aug-12	13	10	\$29.18	Yes	\$1,000.00	\$970.82
408	7-Aug-12	13	11	\$29.57	Yes	\$1,000.00	\$970.43
409	7-Aug-12	13	12	\$30.99	Yes	\$1,000.00	\$969.01
410	7-Aug-12	14	1	\$27.97	Yes	\$1,000.00	\$972.03
411	7-Aug-12	14	2	\$26.81	Yes	\$1,000.00	\$973.19
412	7-Aug-12	14	3	\$25.08	Yes	\$1,000.00	\$974.92
413	7-Aug-12	14	4	\$25.08	Yes	\$1,000.00	\$974.92
414	7-Aug-12	14	5	\$29.49	Yes	\$1,000.00	\$970.51
415	7-Aug-12	14	6	\$31.45	Yes	\$1,000.00	\$968.55
416	7-Aug-12	14	7	\$27.84	Yes	\$1,000.00	\$972.16
417	7-Aug-12	14	8	\$31.04	Yes	\$1,000.00	\$968.96
418	7-Aug-12	14	9	\$31.85	Yes	\$1,000.00	\$968.15
419	7-Aug-12	14	10	\$34.89	Yes	\$1,000.00	\$965.11
420	7-Aug-12	14	11	\$34.77	Yes	\$1,000.00	\$965.23
421	7-Aug-12	14	12	\$37.15	Yes	\$1,000.00	\$962.85
422	7-Aug-12	15	1	\$35.35	Yes	\$1,000.00	\$964.65
423	7-Aug-12	15	2	\$35.36	Yes	\$1,000.00	\$964.64
424	7-Aug-12	15	3	\$34.47	Yes	\$1,000.00	\$965.53
425	7-Aug-12	15	4	\$34.66	Yes	\$1,000.00	\$965.34
426	7-Aug-12	15	5	\$34.77	Yes	\$1,000.00	\$965.23
427	7-Aug-12	15	6	\$35.72	Yes	\$1,000.00	\$964.28
428	7-Aug-12	15	7	\$37.47	Yes	\$1,000.00	\$962.53
429	7-Aug-12	15	8	\$36.09	Yes	\$1,000.00	\$963.91
430	7-Aug-12	15	9	\$43.75	Yes	\$1,000.00	\$956.25
431	7-Aug-12	15	10	\$35.44	Yes	\$1,000.00	\$964.56
432	7-Aug-12	15	11	\$35.44	Yes	\$1,000.00	\$964.56
433	7-Aug-12	15	12	\$35.65	Yes	\$1,000.00	\$964.35
434	7-Aug-12	16	1	\$33.88	Yes	\$1,000.00	\$966.12
435	7-Aug-12	16	2	\$33.44	Yes	\$1,000.00	\$966.56
436	7-Aug-12	16	3	\$31.92	Yes	\$1,000.00	\$968.08
437	7-Aug-12	16	4	\$33.20	Yes	\$1,000.00	\$966.80
438	7-Aug-12	16	5	\$33.20	Yes	\$1,000.00	\$966.80
439	7-Aug-12	16	6	\$33.20	Yes	\$1,000.00	\$966.80
440	7-Aug-12	16	7	\$33.48	Yes	\$1,000.00	\$966.52
441	7-Aug-12	16	8	\$33.60	Yes	\$1,000.00	\$966.40
442	7-Aug-12	16	9	\$33.48	Yes	\$1,000.00	\$966.52
443	7-Aug-12	16	10	\$33.38	Yes	\$1,000.00	\$966.62
444	7-Aug-12	16	11	\$33.51	Yes	\$1,000.00	\$966.49
445	7-Aug-12	16	12	\$33.38	Yes	\$1,000.00	\$966.62

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
446	7-Aug-12	17	1	\$33.14	Yes	\$1,000.00	\$966.86
447	7-Aug-12	17	2	\$33.14	Yes	\$1,000.00	\$966.86
448	7-Aug-12	17	3	\$33.14	Yes	\$1,000.00	\$966.86
449	7-Aug-12	17	4	\$32.70	Yes	\$1,000.00	\$967.30
450	7-Aug-12	17	5	\$32.96	Yes	\$1,000.00	\$967.04
451	7-Aug-12	17	6	\$32.84	Yes	\$1,000.00	\$967.16
452	7-Aug-12	17	7	\$32.70	Yes	\$1,000.00	\$967.30
453	7-Aug-12	17	8	\$32.98	Yes	\$1,000.00	\$967.02
454	7-Aug-12	17	9	\$31.12	Yes	\$1,000.00	\$968.88
455	7-Aug-12	17	10	\$30.38	Yes	\$1,000.00	\$969.62
456	7-Aug-12	17	11	\$29.89	Yes	\$1,000.00	\$970.11
457	7-Aug-12	17	12	\$29.74	Yes	\$1,000.00	\$970.26
458	7-Aug-12	18	1	\$29.73	Yes	\$1,000.00	\$970.27
459	7-Aug-12	18	2	\$30.63	Yes	\$1,000.00	\$969.37
460	7-Aug-12	18	3	\$31.64	Yes	\$1,000.00	\$968.36
461	7-Aug-12	18	4	\$31.62	Yes	\$1,000.00	\$968.38
462	7-Aug-12	18	5	\$31.62	Yes	\$1,000.00	\$968.38
463	7-Aug-12	18	6	\$31.62	Yes	\$1,000.00	\$968.38
464	7-Aug-12	18	7	\$31.56	Yes	\$1,000.00	\$968.44
465	7-Aug-12	18	8	\$31.17	Yes	\$1,000.00	\$968.83
466	7-Aug-12	18	9	\$29.80	Yes	\$1,000.00	\$970.20
467	7-Aug-12	18	10	\$29.70	Yes	\$1,000.00	\$970.30
468	7-Aug-12	18	11	\$29.35	Yes	\$1,000.00	\$970.65
469	7-Aug-12	18	12	\$29.35	Yes	\$1,000.00	\$970.65
470	7-Aug-12	19	1	\$31.64	Yes	\$1,000.00	\$968.36
471	7-Aug-12	19	2	\$29.85	Yes	\$1,000.00	\$970.15
472	7-Aug-12	19	3	\$29.74	Yes	\$1,000.00	\$970.26
473	7-Aug-12	19	4	\$29.75	Yes	\$1,000.00	\$970.25
474	7-Aug-12	19	5	\$29.83	Yes	\$1,000.00	\$970.17
475	7-Aug-12	19	6	\$29.52	Yes	\$1,000.00	\$970.48
476	7-Aug-12	19	7	\$28.35	Yes	\$1,000.00	\$971.65
477	7-Aug-12	19	8	\$27.65	Yes	\$1,000.00	\$972.35
478	7-Aug-12	19	9	\$26.62	Yes	\$1,000.00	\$973.38
479	7-Aug-12	19	10	\$27.53	Yes	\$1,000.00	\$972.47
480	7-Aug-12	19	11	\$25.97	Yes	\$1,000.00	\$974.03
481	7-Aug-12	19	12	\$25.97	Yes	\$1,000.00	\$974.03
482	7-Aug-12	20	1	\$25.43	Yes	\$1,000.00	\$974.57
483	7-Aug-12	20	2	\$25.21	Yes	\$1,000.00	\$974.79
484	7-Aug-12	20	3	\$25.57	Yes	\$1,000.00	\$974.43
485	7-Aug-12	20	4	\$25.45	Yes	\$1,000.00	\$974.55
486	7-Aug-12	20	5	\$24.98	Yes	\$1,000.00	\$975.02
487	7-Aug-12	20	6	\$24.93	Yes	\$1,000.00	\$975.07
488	7-Aug-12	20	7	\$24.77	Yes	\$1,000.00	\$975.23
489	7-Aug-12	20	8	\$24.50	Yes	\$1,000.00	\$975.50
490	7-Aug-12	20	9	\$24.55	Yes	\$1,000.00	\$975.45

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
491	7-Aug-12	20	10	\$24.28	Yes	\$1,000.00	\$975.72
492	7-Aug-12	20	11	\$24.37	Yes	\$1,000.00	\$975.63
493	7-Aug-12	20	12	\$23.80	Yes	\$1,000.00	\$976.20
494	7-Aug-12	21	1	\$24.32	Yes	\$1,000.00	\$975.68
495	7-Aug-12	21	2	\$24.06	Yes	\$1,000.00	\$975.94
496	7-Aug-12	21	3	\$24.68	Yes	\$1,000.00	\$975.32
497	7-Aug-12	21	4	\$28.54	Yes	\$1,000.00	\$971.46
498	7-Aug-12	21	5	\$28.16	Yes	\$1,000.00	\$971.84
499	7-Aug-12	21	6	\$27.86	Yes	\$1,000.00	\$972.14
500	7-Aug-12	21	7	\$26.02	Yes	\$1,000.00	\$973.98
501	7-Aug-12	21	8	\$25.99	Yes	\$1,000.00	\$974.01
502	7-Aug-12	21	9	\$24.69	Yes	\$1,000.00	\$975.31
503	7-Aug-12	21	10	\$24.06	Yes	\$1,000.00	\$975.94
504	7-Aug-12	21	11	\$23.21	Yes	\$1,000.00	\$976.79
505	7-Aug-12	21	12	\$23.61	Yes	\$1,000.00	\$976.39
506	7-Aug-12	22	1	\$25.10	Yes	\$1,000.00	\$974.90
507	7-Aug-12	22	2	\$30.83	Yes	\$1,000.00	\$969.17
508	7-Aug-12	22	3	\$33.28	Yes	\$1,000.00	\$966.72
509	7-Aug-12	22	4	\$29.92	Yes	\$1,000.00	\$970.08
510	7-Aug-12	22	5	\$27.88	Yes	\$1,000.00	\$972.12
511	7-Aug-12	22	6	\$28.82	Yes	\$1,000.00	\$971.18
512	7-Aug-12	22	7	\$23.95	Yes	\$1,000.00	\$976.05
513	7-Aug-12	22	8	\$23.70	Yes	\$1,000.00	\$976.30
514	7-Aug-12	22	9	\$22.10	Yes	\$1,000.00	\$977.90
515	7-Aug-12	22	10	\$21.56	Yes	\$1,000.00	\$978.44
516	7-Aug-12	22	11	\$20.97	Yes	\$1,000.00	\$979.03
517	7-Aug-12	22	12	\$20.32	Yes	\$1,000.00	\$979.68
518	7-Aug-12	23	1	\$21.75	Yes	\$1,000.00	\$978.25
519	7-Aug-12	23	2	\$28.06	Yes	\$1,000.00	\$971.94
520	7-Aug-12	23	3	\$33.54	Yes	\$1,000.00	\$966.46
521	7-Aug-12	23	4	\$33.05	Yes	\$1,000.00	\$966.95
522	7-Aug-12	23	5	\$29.69	Yes	\$1,000.00	\$970.31
523	7-Aug-12	23	6	\$24.17	Yes	\$1,000.00	\$975.83
524	7-Aug-12	23	7	\$23.76	Yes	\$1,000.00	\$976.24
525	7-Aug-12	23	8	\$23.77	Yes	\$1,000.00	\$976.23
526	7-Aug-12	23	9	\$23.77	Yes	\$1,000.00	\$976.23
527	7-Aug-12	23	10	\$20.86	Yes	\$1,000.00	\$979.14
528	7-Aug-12	23	11	\$20.57	Yes	\$1,000.00	\$979.43
529	7-Aug-12	23	12	\$20.72	Yes	\$1,000.00	\$979.28
530	8-Aug-12	12	2	\$24.63	Yes	\$1,000.00	\$975.37
531	8-Aug-12	12	3	\$24.61	Yes	\$1,000.00	\$975.39
532	8-Aug-12	12	4	\$24.62	Yes	\$1,000.00	\$975.38
533	8-Aug-12	12	5	\$24.88	Yes	\$1,000.00	\$975.12
534	8-Aug-12	12	6	\$24.88	Yes	\$1,000.00	\$975.12
535	8-Aug-12	12	7	\$24.85	Yes	\$1,000.00	\$975.15



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
536	8-Aug-12	12	8	\$24.74	Yes	\$1,000.00	\$975.26
537	8-Aug-12	12	9	\$25.05	Yes	\$1,000.00	\$974.96
538	8-Aug-12	12	10	\$25.75	Yes	\$1,000.00	\$974.25
539	8-Aug-12	12	11	\$29.41	Yes	\$1,000.00	\$970.59
540	8-Aug-12	12	12	\$32.71	Yes	\$1,000.00	\$967.29
541	8-Aug-12	13	1	\$28.62	Yes	\$1,000.00	\$971.38
542	8-Aug-12	13	2	\$25.56	Yes	\$1,000.00	\$974.44
543	8-Aug-12	13	3	\$20.49	Yes	\$1,000.00	\$979.51
544	8-Aug-12	13	4	\$24.34	Yes	\$1,000.00	\$975.66
545	8-Aug-12	13	5	\$24.25	Yes	\$1,000.00	\$975.75
546	8-Aug-12	13	6	\$24.42	Yes	\$1,000.00	\$975.58
547	8-Aug-12	13	7	\$25.22	Yes	\$1,000.00	\$974.78
548	8-Aug-12	13	8	\$25.08	Yes	\$1,000.00	\$974.92
549	8-Aug-12	13	9	\$24.87	Yes	\$1,000.00	\$975.13
550	8-Aug-12	13	10	\$25.34	Yes	\$1,000.00	\$974.66
551	8-Aug-12	13	11	\$26.33	Yes	\$1,000.00	\$973.67
552	8-Aug-12	13	12	\$27.53	Yes	\$1,000.00	\$972.47
553	8-Aug-12	14	1	\$25.18	Yes	\$0.00	(\$25.18)
554	8-Aug-12	14	2	\$25.18	Yes	\$0.00	(\$25.18)
555	8-Aug-12	14	3	\$24.80	Yes	\$0.00	(\$24.80)
556	8-Aug-12	14	4	\$26.26	Yes	\$0.00	(\$26.26)
557	8-Aug-12	14	5	\$26.52	Yes	\$0.00	(\$26.52)
558	8-Aug-12	14	6	\$26.51	Yes	\$0.00	(\$26.51)
559	8-Aug-12	14	7	\$27.78	Yes	\$0.00	(\$27.78)
560	8-Aug-12	14	8	\$27.76	Yes	\$0.00	(\$27.76)
561	8-Aug-12	14	9	\$27.95	Yes	\$0.00	(\$27.95)
562	8-Aug-12	14	10	\$28.84	Yes	\$0.00	(\$28.84)
563	8-Aug-12	14	11	\$30.09	Yes	\$0.00	(\$30.09)
564	8-Aug-12	14	12	\$30.09	Yes	\$0.00	(\$30.09)
565	8-Aug-12	15	1	\$31.46	Yes	\$0.00	(\$31.46)
566	8-Aug-12	15	2	\$31.38	Yes	\$0.00	(\$31.38)
567	8-Aug-12	15	3	\$33.29	Yes	\$0.00	(\$33.29)
568	8-Aug-12	15	4	\$33.60	Yes	\$0.00	(\$33.60)
569	8-Aug-12	15	5	\$33.20	Yes	\$0.00	(\$33.20)
570	8-Aug-12	15	6	\$33.98	Yes	\$0.00	(\$33.98)
571	8-Aug-12	15	7	\$34.09	Yes	\$0.00	(\$34.09)
572	8-Aug-12	15	8	\$33.74	Yes	\$0.00	(\$33.74)
573	8-Aug-12	15	9	\$33.84	Yes	\$0.00	(\$33.84)
574	8-Aug-12	15	10	\$34.40	Yes	\$0.00	(\$34.40)
575	8-Aug-12	15	11	\$34.22	Yes	\$0.00	(\$34.22)
576	8-Aug-12	15	12	\$34.44	Yes	\$0.00	(\$34.44)
577	8-Aug-12	16	1	\$33.29	Yes	\$0.00	(\$33.29)
578	8-Aug-12	16	2	\$33.29	Yes	\$0.00	(\$33.29)
579	8-Aug-12	16	3	\$33.29	Yes	\$0.00	(\$33.29)
580	8-Aug-12	16	4	\$33.18	Yes	\$0.00	(\$33.18)

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
581	8-Aug-12	16	5	\$33.49	Yes	\$0.00	(\$33.49)
582	8-Aug-12	16	6	\$33.93	Yes	\$0.00	(\$33.93)
583	8-Aug-12	16	7	\$34.43	Yes	\$0.00	(\$34.43)
584	8-Aug-12	16	8	\$35.97	Yes	\$0.00	(\$35.97)
585	8-Aug-12	16	9	\$34.58	Yes	\$0.00	(\$34.58)
586	8-Aug-12	16	10	\$30.15	Yes	\$0.00	(\$30.15)
587	8-Aug-12	16	11	\$31.07	Yes	\$0.00	(\$31.07)
588	8-Aug-12	16	12	\$33.11	Yes	\$0.00	(\$33.11)
589	8-Aug-12	17	1	\$33.95	Yes	\$0.00	(\$33.95)
590	8-Aug-12	17	2	\$34.18	Yes	\$0.00	(\$34.18)
591	8-Aug-12	17	3	\$35.56	Yes	\$0.00	(\$35.56)
592	8-Aug-12	17	4	\$33.92	Yes	\$0.00	(\$33.92)
593	8-Aug-12	17	5	\$34.89	Yes	\$0.00	(\$34.89)
594	8-Aug-12	17	6	\$35.32	Yes	\$0.00	(\$35.32)
595	8-Aug-12	17	7	\$37.44	Yes	\$0.00	(\$37.44)
596	8-Aug-12	17	8	\$270.75	Yes	\$0.00	(\$270.75)
597	8-Aug-12	17	9	\$270.75	Yes	\$0.00	(\$270.75)
598	8-Aug-12	17	10	\$270.75	Yes	\$0.00	(\$270.75)
599	8-Aug-12	17	11	\$39.77	Yes	\$0.00	(\$39.77)
600	8-Aug-12	17	12	\$45.88	Yes	\$0.00	(\$45.88)
601	8-Aug-12	18	1	\$994.80	Yes	\$0.00	(\$994.80)
602	8-Aug-12	18	2	\$81.81	Yes	\$0.00	(\$81.81)
603	8-Aug-12	18	3	\$36.76	Yes	\$0.00	(\$36.76)
604	8-Aug-12	18	4	\$33.58	Yes	\$0.00	(\$33.58)
605	8-Aug-12	18	5	\$35.19	Yes	\$0.00	(\$35.19)
606	8-Aug-12	18	6	\$35.05	Yes	\$0.00	(\$35.05)
607	8-Aug-12	18	7	\$34.71	Yes	\$0.00	(\$34.71)
608	8-Aug-12	18	8	\$31.44	Yes	\$0.00	(\$31.44)
609	8-Aug-12	18	9	\$80.86	Yes	\$0.00	(\$80.86)
610	8-Aug-12	18	10	\$80.86	Yes	\$0.00	(\$80.86)
611	8-Aug-12	18	11	\$32.60	Yes	\$0.00	(\$32.60)
612	8-Aug-12	18	12	\$32.60	Yes	\$0.00	(\$32.60)
613	8-Aug-12	19	1	\$32.60	Yes	\$1,000.00	\$967.40
614	8-Aug-12	19	2	\$30.09	Yes	\$1,000.00	\$969.91
615	8-Aug-12	19	3	\$30.88	Yes	\$1,000.00	\$969.12
616	8-Aug-12	19	4	\$32.33	Yes	\$1,000.00	\$967.67
617	8-Aug-12	19	5	\$35.86	Yes	\$1,000.00	\$964.14
618	8-Aug-12	19	6	\$33.87	Yes	\$1,000.00	\$966.13
619	8-Aug-12	19	7	\$36.02	Yes	\$1,000.00	\$963.98
620	8-Aug-12	19	8	\$34.33	Yes	\$1,000.00	\$965.67
621	8-Aug-12	19	9	\$34.33	Yes	\$1,000.00	\$965.67
622	8-Aug-12	19	10	\$35.08	Yes	\$1,000.00	\$964.92
623	8-Aug-12	19	11	\$37.14	Yes	\$1,000.00	\$962.86
624	8-Aug-12	19	12	\$35.08	Yes	\$1,000.00	\$964.92
625	8-Aug-12	20	1	\$34.43	Yes	\$1,000.00	\$965.57

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
626	8-Aug-12	20	2	\$35.06	Yes	\$1,000.00	\$964.94
627	8-Aug-12	20	3	\$34.14	Yes	\$1,000.00	\$965.86
628	8-Aug-12	20	4	\$30.93	Yes	\$1,000.00	\$969.07
629	8-Aug-12	20	5	\$30.93	Yes	\$1,000.00	\$969.07
630	8-Aug-12	20	6	\$30.71	Yes	\$1,000.00	\$969.29
631	8-Aug-12	20	7	\$29.87	Yes	\$1,000.00	\$970.13
632	8-Aug-12	20	8	\$30.09	Yes	\$1,000.00	\$969.91
633	8-Aug-12	20	9	\$29.75	Yes	\$1,000.00	\$970.25
634	8-Aug-12	20	10	\$30.13	Yes	\$1,000.00	\$969.87
635	8-Aug-12	20	11	\$31.82	Yes	\$1,000.00	\$968.18
636	8-Aug-12	20	12	\$30.33	Yes	\$1,000.00	\$969.67
637	8-Aug-12	21	1	\$35.52	Yes	\$1,000.00	\$964.48
638	8-Aug-12	21	2	\$36.07	Yes	\$1,000.00	\$963.93
639	8-Aug-12	21	3	\$38.61	Yes	\$1,000.00	\$961.39
640	8-Aug-12	21	4	\$36.62	Yes	\$1,000.00	\$963.38
641	8-Aug-12	21	5	\$36.30	Yes	\$1,000.00	\$963.70
642	8-Aug-12	21	6	\$36.14	Yes	\$1,000.00	\$963.86
643	8-Aug-12	21	7	\$36.06	Yes	\$1,000.00	\$963.94
644	8-Aug-12	21	8	\$35.45	Yes	\$1,000.00	\$964.55
645	8-Aug-12	21	9	\$34.90	Yes	\$1,000.00	\$965.10
646	8-Aug-12	21	10	\$33.90	Yes	\$1,000.00	\$966.10
647	8-Aug-12	21	11	\$33.90	Yes	\$1,000.00	\$966.10
648	8-Aug-12	21	12	\$33.86	Yes	\$1,000.00	\$966.14
649	8-Aug-12	22	1	\$34.02	Yes	\$1,000.00	\$965.98
650	8-Aug-12	22	2	\$33.61	Yes	\$1,000.00	\$966.39
651	8-Aug-12	22	3	\$30.28	Yes	\$1,000.00	\$969.72
652	8-Aug-12	22	4	\$30.47	Yes	\$1,000.00	\$969.53
653	8-Aug-12	22	5	\$29.57	Yes	\$1,000.00	\$970.43
654	8-Aug-12	22	6	\$29.03	Yes	\$1,000.00	\$970.97
655	8-Aug-12	22	7	\$28.49	Yes	\$1,000.00	\$971.51
656	8-Aug-12	22	8	\$26.98	Yes	\$1,000.00	\$973.02
657	8-Aug-12	22	9	\$25.98	Yes	\$1,000.00	\$974.02
658	8-Aug-12	22	10	\$24.35	Yes	\$1,000.00	\$975.65
659	8-Aug-12	22	11	\$24.22	Yes	\$1,000.00	\$975.78
660	8-Aug-12	22	12	\$23.50	Yes	\$1,000.00	\$976.50
661	8-Aug-12	23	1	\$29.82	Yes	\$1,000.00	\$970.18
662	8-Aug-12	23	2	\$26.98	Yes	\$1,000.00	\$973.02
663	8-Aug-12	23	3	\$25.82	Yes	\$1,000.00	\$974.18
664	8-Aug-12	23	4	\$26.50	Yes	\$1,000.00	\$973.50
665	8-Aug-12	23	5	\$25.59	Yes	\$1,000.00	\$974.41
666	8-Aug-12	23	6	\$25.64	Yes	\$1,000.00	\$974.36
667	8-Aug-12	23	7	\$24.69	Yes	\$1,000.00	\$975.31
668	8-Aug-12	23	8	\$24.15	Yes	\$1,000.00	\$975.85
669	8-Aug-12	23	9	\$24.46	Yes	\$1,000.00	\$975.54
670	8-Aug-12	23	10	\$24.19	Yes	\$1,000.00	\$975.81

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
671	8-Aug-12	23	11	\$22.31	Yes	\$1,000.00	\$977.69
672	8-Aug-12	23	12	\$21.07	Yes	\$1,000.00	\$978.93
673	8-Aug-12	24	1	\$23.70	Yes	\$1,000.00	\$976.30
674	8-Aug-12	24	2	\$21.64	Yes	\$1,000.00	\$978.36
675	8-Aug-12	24	3	\$21.92	Yes	\$1,000.00	\$978.08
676	8-Aug-12	24	4	\$22.07	Yes	\$1,000.00	\$977.93
677	8-Aug-12	24	5	\$21.18	Yes	\$1,000.00	\$978.82
678	8-Aug-12	24	6	\$20.72	Yes	\$1,000.00	\$979.28
679	8-Aug-12	24	7	\$20.24	Yes	\$1,000.00	\$979.76
680	8-Aug-12	24	8	\$20.42	Yes	\$1,000.00	\$979.58
681	8-Aug-12	24	9	\$19.97	Yes	\$1,000.00	\$980.03
682	8-Aug-12	24	10	\$18.18	Yes	\$1,000.00	\$981.82
683	8-Aug-12	24	11	\$18.14	Yes	\$1,000.00	\$981.86
684	8-Aug-12	24	12	\$16.43	Yes	\$1,000.00	\$983.57
685	9-Aug-12	1	1	\$21.33	Yes	\$1,000.00	\$978.67
686	9-Aug-12	1	2	\$20.27	Yes	\$1,000.00	\$979.73
687	9-Aug-12	1	3	\$20.72	Yes	\$1,000.00	\$979.28
688	9-Aug-12	1	4	\$14.46	Yes	\$1,000.00	\$985.54
689	9-Aug-12	1	5	\$15.20	Yes	\$1,000.00	\$984.80
690	9-Aug-12	1	6	\$7.89	Yes	\$1,000.00	\$992.11
691	9-Aug-12	1	7	\$14.00	Yes	\$1,000.00	\$986.00
692	9-Aug-12	1	8	\$14.32	Yes	\$1,000.00	\$985.68
693	9-Aug-12	1	9	\$14.20	Yes	\$1,000.00	\$985.80
694	9-Aug-12	1	10	\$7.86	Yes	\$1,000.00	\$992.14
695	9-Aug-12	1	11	\$3.27	Yes	\$1,000.00	\$996.73
696	9-Aug-12	1	12	\$10.98	Yes	\$1,000.00	\$989.02
697	9-Aug-12	2	1	\$15.15	Yes	\$1,000.00	\$984.85
698	9-Aug-12	2	2	\$20.73	Yes	\$1,000.00	\$979.27
699	9-Aug-12	2	3	\$23.96	Yes	\$1,000.00	\$976.04
700	9-Aug-12	2	4	\$23.99	Yes	\$1,000.00	\$976.01
701	9-Aug-12	2	5	\$23.98	Yes	\$1,000.00	\$976.02
702	9-Aug-12	2	6	\$23.94	Yes	\$1,000.00	\$976.06
703	9-Aug-12	2	7	\$22.85	Yes	\$1,000.00	\$977.15
704	9-Aug-12	2	8	\$22.08	Yes	\$1,000.00	\$977.92
705	9-Aug-12	2	9	\$15.22	Yes	\$1,000.00	\$984.78
706	9-Aug-12	2	10	\$21.51	Yes	\$1,000.00	\$978.49
707	9-Aug-12	2	11	\$21.51	Yes	\$1,000.00	\$978.49
708	9-Aug-12	2	12	\$15.05	Yes	\$1,000.00	\$984.95
709	9-Aug-12	3	1	\$21.48	Yes	\$1,000.00	\$978.52
710	9-Aug-12	3	2	\$19.52	Yes	\$1,000.00	\$980.48
711	9-Aug-12	3	3	\$15.25	Yes	\$1,000.00	\$984.75
712	9-Aug-12	3	4	\$11.93	Yes	\$1,000.00	\$988.07
713	9-Aug-12	3	5	\$8.97	Yes	\$1,000.00	\$991.03
714	9-Aug-12	3	6	\$15.03	Yes	\$1,000.00	\$984.97
715	9-Aug-12	3	7	\$14.45	Yes	\$1,000.00	\$985.55

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
716	9-Aug-12	3	8	\$14.53	Yes	\$1,000.00	\$985.47
717	9-Aug-12	3	9	\$14.52	Yes	\$1,000.00	\$985.48
718	9-Aug-12	3	10	\$9.02	Yes	\$1,000.00	\$990.98
719	9-Aug-12	3	11	\$14.44	Yes	\$1,000.00	\$985.56
720	9-Aug-12	3	12	\$14.53	Yes	\$1,000.00	\$985.47
721	9-Aug-12	4	1	\$14.49	Yes	\$1,000.00	\$985.51
722	9-Aug-12	4	2	\$14.42	Yes	\$1,000.00	\$985.58
723	9-Aug-12	4	3	\$14.22	Yes	\$1,000.00	\$985.78
724	9-Aug-12	4	4	\$8.89	Yes	\$1,000.00	\$991.11
725	9-Aug-12	4	5	\$14.03	Yes	\$1,000.00	\$985.97
726	9-Aug-12	4	6	\$14.38	Yes	\$1,000.00	\$985.62
727	9-Aug-12	4	7	\$14.39	Yes	\$1,000.00	\$985.61
728	9-Aug-12	4	8	\$14.52	Yes	\$1,000.00	\$985.48
729	9-Aug-12	4	9	\$14.12	Yes	\$1,000.00	\$985.88
730	9-Aug-12	4	10	\$14.39	Yes	\$1,000.00	\$985.61
731	9-Aug-12	4	11	\$14.39	Yes	\$1,000.00	\$985.61
732	9-Aug-12	4	12	\$13.27	Yes	\$1,000.00	\$986.73
733	9-Aug-12	5	1	\$14.32	Yes	\$1,000.00	\$985.68
734	9-Aug-12	5	2	\$14.32	Yes	\$1,000.00	\$985.68
735	9-Aug-12	5	3	\$14.32	Yes	\$1,000.00	\$985.68
736	9-Aug-12	5	4	\$14.35	Yes	\$1,000.00	\$985.65
737	9-Aug-12	5	5	\$15.04	Yes	\$1,000.00	\$984.96
738	9-Aug-12	5	6	\$19.73	Yes	\$1,000.00	\$980.27
739	9-Aug-12	5	7	\$21.21	Yes	\$1,000.00	\$978.79
740	9-Aug-12	5	8	\$21.96	Yes	\$1,000.00	\$978.04
741	9-Aug-12	5	9	\$21.42	Yes	\$1,000.00	\$978.58
742	9-Aug-12	5	10	\$21.43	Yes	\$1,000.00	\$978.57
743	9-Aug-12	5	11	\$21.43	Yes	\$1,000.00	\$978.57
744	9-Aug-12	5	12	\$15.18	Yes	\$1,000.00	\$984.82
745	9-Aug-12	6	1	\$17.66	Yes	\$1,000.00	\$982.34
746	9-Aug-12	6	2	\$13.98	Yes	\$1,000.00	\$986.02
747	9-Aug-12	6	3	\$14.22	Yes	\$1,000.00	\$985.78
748	9-Aug-12	6	4	\$18.82	Yes	\$1,000.00	\$981.18
749	9-Aug-12	6	5	\$21.27	Yes	\$1,000.00	\$978.73
750	9-Aug-12	6	6	\$21.97	Yes	\$1,000.00	\$978.03
751	9-Aug-12	6	7	\$26.72	Yes	\$1,000.00	\$973.28
752	9-Aug-12	6	8	\$28.62	Yes	\$1,000.00	\$971.38
753	9-Aug-12	6	9	\$31.12	Yes	\$1,000.00	\$968.88
754	9-Aug-12	6	10	\$31.08	Yes	\$1,000.00	\$968.92
755	9-Aug-12	6	11	\$28.65	Yes	\$1,000.00	\$971.35
756	9-Aug-12	6	12	\$31.03	Yes	\$1,000.00	\$968.97
757	9-Aug-12	7	1	\$24.39	Yes	\$34.48	\$10.09
758	9-Aug-12	7	2	\$25.56	Yes	\$34.48	\$8.92
759	9-Aug-12	7	3	\$26.84	Yes	\$34.48	\$7.64
760	9-Aug-12	7	4	\$21.36	Yes	\$34.48	\$13.12

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
761	9-Aug-12	7	5	\$24.10	Yes	\$34.48	\$10.38
762	9-Aug-12	7	6	\$25.58	Yes	\$34.48	\$8.90
763	9-Aug-12	7	7	\$25.62	Yes	\$34.48	\$8.86
764	9-Aug-12	7	8	\$26.95	Yes	\$34.48	\$7.53
765	9-Aug-12	7	9	\$25.59	Yes	\$34.48	\$8.89
766	9-Aug-12	7	10	\$25.89	Yes	\$34.48	\$8.59
767	9-Aug-12	7	11	\$26.86	Yes	\$34.48	\$7.62
768	9-Aug-12	7	12	\$28.72	Yes	\$34.48	\$5.76
769	9-Aug-12	8	1	\$23.70	Yes	\$34.48	\$10.78
770	9-Aug-12	8	2	\$24.00	Yes	\$34.48	\$10.48
771	9-Aug-12	8	3	\$25.61	Yes	\$34.48	\$8.87
772	9-Aug-12	8	4	\$24.29	Yes	\$34.48	\$10.19
773	9-Aug-12	8	5	\$27.64	Yes	\$34.48	\$6.84
774	9-Aug-12	8	6	\$27.63	Yes	\$34.48	\$6.85
775	9-Aug-12	8	6	\$27.63	Yes	\$36.61	\$8.98
776	9-Aug-12	8	7	\$27.60	Yes	\$34.48	\$6.88
777	9-Aug-12	8	7	\$27.60	Yes	\$36.61	\$9.01
778	9-Aug-12	8	8	\$27.45	Yes	\$34.48	\$7.03
779	9-Aug-12	8	8	\$27.45	Yes	\$36.61	\$9.16
780	9-Aug-12	8	9	\$27.20	Yes	\$34.48	\$7.28
781	9-Aug-12	8	9	\$27.20	Yes	\$36.61	\$9.41
782	9-Aug-12	8	10	\$27.68	Yes	\$34.48	\$6.80
783	9-Aug-12	8	10	\$27.68	Yes	\$36.61	\$8.93
784	9-Aug-12	8	11	\$27.68	Yes	\$34.48	\$6.80
785	9-Aug-12	8	11	\$27.68	Yes	\$36.61	\$8.93
786	9-Aug-12	8	12	\$27.30	Yes	\$34.48	\$7.18
787	9-Aug-12	8	12	\$27.30	Yes	\$36.61	\$9.31
788	9-Aug-12	9	1	\$19.38	Yes	\$34.48	\$15.10
789	9-Aug-12	9	1	\$19.38	Yes	\$36.61	\$17.23
790	9-Aug-12	9	2	\$18.67	Yes	\$34.48	\$15.81
791	9-Aug-12	9	2	\$18.67	Yes	\$36.61	\$17.94
792	9-Aug-12	9	3	\$18.59	Yes	\$34.48	\$15.89
793	9-Aug-12	9	3	\$18.59	Yes	\$36.61	\$18.02
794	9-Aug-12	9	4	\$20.21	Yes	\$34.48	\$14.27
795	9-Aug-12	9	4	\$20.21	Yes	\$36.61	\$16.40
796	9-Aug-12	9	5	\$20.90	Yes	\$34.48	\$13.58
797	9-Aug-12	9	5	\$20.90	Yes	\$36.61	\$15.71
798	9-Aug-12	9	6	\$21.14	Yes	\$34.48	\$13.34
799	9-Aug-12	9	6	\$21.14	Yes	\$36.61	\$15.47
800	9-Aug-12	9	7	\$21.74	Yes	\$34.48	\$12.74
801	9-Aug-12	9	7	\$21.74	Yes	\$36.61	\$14.87
802	9-Aug-12	9	8	\$21.26	Yes	\$34.48	\$13.22
803	9-Aug-12	9	8	\$21.26	Yes	\$36.61	\$15.35
804	9-Aug-12	9	9	\$21.32	Yes	\$34.48	\$13.16
805	9-Aug-12	9	9	\$21.32	Yes	\$36.61	\$15.29

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
806	9-Aug-12	9	10	\$22.02	Yes	\$34.48	\$12.46
807	9-Aug-12	9	10	\$22.02	Yes	\$36.61	\$14.59
808	9-Aug-12	9	11	\$23.77	Yes	\$34.48	\$10.71
809	9-Aug-12	9	11	\$23.77	Yes	\$36.61	\$12.84
810	9-Aug-12	9	12	\$27.38	Yes	\$34.48	\$7.10
811	9-Aug-12	9	12	\$27.38	Yes	\$36.61	\$9.23
812	9-Aug-12	10	1	\$21.30	Yes	\$1,000.00	\$978.70
813	9-Aug-12	10	2	\$21.66	Yes	\$1,000.00	\$978.34
814	9-Aug-12	10	3	\$21.57	Yes	\$1,000.00	\$978.43
815	9-Aug-12	10	4	\$22.12	Yes	\$1,000.00	\$977.88
816	9-Aug-12	10	5	\$24.19	Yes	\$1,000.00	\$975.81
817	9-Aug-12	10	6	\$24.17	Yes	\$1,000.00	\$975.83
818	9-Aug-12	10	7	\$26.82	Yes	\$1,000.00	\$973.18
819	9-Aug-12	10	8	\$27.50	Yes	\$1,000.00	\$972.50
820	9-Aug-12	10	9	\$27.50	Yes	\$1,000.00	\$972.50
821	9-Aug-12	10	10	\$27.55	Yes	\$1,000.00	\$972.45
822	9-Aug-12	10	11	\$36.00	Yes	\$1,000.00	\$964.00
823	9-Aug-12	10	12	\$46.85	Yes	\$1,000.00	\$953.15
824	9-Aug-12	11	1	\$24.71	Yes	\$1,000.00	\$975.29
825	9-Aug-12	11	2	\$24.34	Yes	\$1,000.00	\$975.66
826	9-Aug-12	11	3	\$24.36	Yes	\$1,000.00	\$975.64
827	9-Aug-12	11	4	\$24.95	Yes	\$1,000.00	\$975.05
828	9-Aug-12	11	5	\$27.51	Yes	\$1,000.00	\$972.49
829	9-Aug-12	11	6	\$27.62	Yes	\$1,000.00	\$972.38
830	9-Aug-12	11	7	\$29.15	Yes	\$1,000.00	\$970.85
831	9-Aug-12	11	8	\$29.24	Yes	\$1,000.00	\$970.76
832	9-Aug-12	11	9	\$30.99	Yes	\$1,000.00	\$969.01
833	9-Aug-12	11	10	\$32.94	Yes	\$1,000.00	\$967.06
834	9-Aug-12	11	11	\$33.25	Yes	\$1,000.00	\$966.75
835	9-Aug-12	11	12	\$37.99	Yes	\$1,000.00	\$962.01
836	9-Aug-12	12	1	\$32.50	Yes	\$1,000.00	\$967.50
837	9-Aug-12	12	2	\$31.72	Yes	\$1,000.00	\$968.28
838	9-Aug-12	12	3	\$31.72	Yes	\$1,000.00	\$968.28
839	9-Aug-12	12	4	\$32.98	Yes	\$1,000.00	\$967.02
840	9-Aug-12	12	5	\$32.98	Yes	\$1,000.00	\$967.02
841	9-Aug-12	12	6	\$32.98	Yes	\$1,000.00	\$967.02
842	9-Aug-12	12	7	\$34.72	Yes	\$1,000.00	\$965.28
843	9-Aug-12	12	8	\$35.28	Yes	\$1,000.00	\$964.72
844	9-Aug-12	12	9	\$35.59	Yes	\$1,000.00	\$964.41
845	9-Aug-12	12	10	\$36.22	Yes	\$1,000.00	\$963.78
846	9-Aug-12	12	11	\$36.38	Yes	\$1,000.00	\$963.62
847	9-Aug-12	12	12	\$37.19	Yes	\$1,000.00	\$962.81
848	9-Aug-12	13	1	\$31.54	Yes	\$1,000.00	\$968.46
849	9-Aug-12	13	2	\$29.70	Yes	\$1,000.00	\$970.30
850	9-Aug-12	13	3	\$31.54	Yes	\$1,000.00	\$968.46

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
851	9-Aug-12	13	4	\$32.09	Yes	\$1,000.00	\$967.91
852	9-Aug-12	13	5	\$31.57	Yes	\$1,000.00	\$968.43
853	9-Aug-12	13	6	\$32.08	Yes	\$1,000.00	\$967.92
854	9-Aug-12	13	7	\$33.39	Yes	\$1,000.00	\$966.61
855	9-Aug-12	13	8	\$33.61	Yes	\$1,000.00	\$966.39
856	9-Aug-12	13	9	\$33.62	Yes	\$1,000.00	\$966.38
857	9-Aug-12	13	10	\$34.58	Yes	\$1,000.00	\$965.42
858	9-Aug-12	13	11	\$34.69	Yes	\$1,000.00	\$965.31
859	9-Aug-12	13	12	\$35.78	Yes	\$1,000.00	\$964.22
860	9-Aug-12	14	1	\$33.31	Yes	\$1,000.00	\$966.69
861	9-Aug-12	14	2	\$32.10	Yes	\$1,000.00	\$967.90
862	9-Aug-12	14	3	\$33.31	Yes	\$1,000.00	\$966.69
863	9-Aug-12	14	4	\$34.40	Yes	\$1,000.00	\$965.60
864	9-Aug-12	14	5	\$34.46	Yes	\$1,000.00	\$965.54
865	9-Aug-12	14	6	\$34.40	Yes	\$1,000.00	\$965.60
866	9-Aug-12	14	7	\$34.67	Yes	\$1,000.00	\$965.33
867	9-Aug-12	14	8	\$34.72	Yes	\$1,000.00	\$965.28
868	9-Aug-12	14	9	\$34.72	Yes	\$1,000.00	\$965.28
869	9-Aug-12	14	10	\$35.14	Yes	\$1,000.00	\$964.86
870	9-Aug-12	14	11	\$35.18	Yes	\$1,000.00	\$964.82
871	9-Aug-12	14	12	\$34.73	Yes	\$1,000.00	\$965.27
872	9-Aug-12	15	1	\$34.94	Yes	\$1,000.00	\$965.06
873	9-Aug-12	15	2	\$35.25	Yes	\$1,000.00	\$964.75
874	9-Aug-12	15	3	\$34.94	Yes	\$1,000.00	\$965.06
875	9-Aug-12	15	4	\$35.70	Yes	\$1,000.00	\$964.30
876	9-Aug-12	15	5	\$36.85	Yes	\$1,000.00	\$963.15
877	9-Aug-12	15	6	\$36.85	Yes	\$1,000.00	\$963.15
878	9-Aug-12	15	7	\$37.68	Yes	\$1,000.00	\$962.32
879	9-Aug-12	15	8	\$36.80	Yes	\$1,000.00	\$963.20
880	9-Aug-12	15	9	\$36.43	Yes	\$1,000.00	\$963.57
881	9-Aug-12	15	10	\$36.70	Yes	\$1,000.00	\$963.30
882	9-Aug-12	15	11	\$36.70	Yes	\$1,000.00	\$963.30
883	9-Aug-12	15	12	\$36.94	Yes	\$1,000.00	\$963.06
884	9-Aug-12	16	1	\$36.26	Yes	\$1,000.00	\$963.74
885	9-Aug-12	16	2	\$36.11	Yes	\$1,000.00	\$963.89
886	9-Aug-12	16	3	\$36.57	Yes	\$1,000.00	\$963.43
887	9-Aug-12	16	4	\$41.11	Yes	\$1,000.00	\$958.89
888	9-Aug-12	16	5	\$39.92	Yes	\$1,000.00	\$960.08
889	9-Aug-12	16	6	\$50.40	Yes	\$1,000.00	\$949.60
890	9-Aug-12	16	7	\$50.44	Yes	\$1,000.00	\$949.56
891	9-Aug-12	16	8	\$40.70	Yes	\$1,000.00	\$959.30
892	9-Aug-12	16	9	\$40.70	Yes	\$1,000.00	\$959.30
893	9-Aug-12	16	10	\$39.91	Yes	\$1,000.00	\$960.09
894	9-Aug-12	16	11	\$49.19	Yes	\$1,000.00	\$950.81
895	9-Aug-12	16	12	\$49.19	Yes	\$1,000.00	\$950.81



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
896	9-Aug-12	17	1	\$48.84	Yes	\$1,000.00	\$951.16
897	9-Aug-12	17	2	\$42.39	Yes	\$1,000.00	\$957.61
898	9-Aug-12	17	3	\$46.56	Yes	\$1,000.00	\$953.44
899	9-Aug-12	17	4	\$134.83	Yes	\$1,000.00	\$865.17
900	9-Aug-12	17	5	\$135.44	Yes	\$1,000.00	\$864.56
901	9-Aug-12	17	6	\$140.64	Yes	\$1,000.00	\$859.36
902	9-Aug-12	17	7	\$83.27	Yes	\$1,000.00	\$916.73
903	9-Aug-12	17	8	\$900.77	Yes	\$1,000.00	\$99.23
904	9-Aug-12	17	9	\$222.73	Yes	\$1,000.00	\$777.27
905	9-Aug-12	17	10	\$222.70	Yes	\$1,000.00	\$777.30
906	9-Aug-12	17	11	\$954.74	Yes	\$1,000.00	\$45.26
907	9-Aug-12	17	12	\$905.53	Yes	\$1,000.00	\$94.47
908	9-Aug-12	18	1	\$174.60	Yes	\$1,000.00	\$825.40
909	9-Aug-12	18	2	\$174.60	Yes	\$1,000.00	\$825.40
910	9-Aug-12	18	3	\$212.88	Yes	\$1,000.00	\$787.12
911	9-Aug-12	18	4	\$990.90	Yes	\$1,000.00	\$9.10
912	9-Aug-12	18	5	\$990.90	Yes	\$1,000.00	\$9.10
913	9-Aug-12	18	6	\$1,004.05	Yes	\$1,000.00	(\$4.05)
914	9-Aug-12	18	7	\$48.86	Yes	\$1,000.00	\$951.14
915	9-Aug-12	18	8	\$39.05	Yes	\$1,000.00	\$960.95
916	9-Aug-12	18	9	\$50.12	Yes	\$1,000.00	\$949.88
917	9-Aug-12	18	10	\$174.83	Yes	\$1,000.00	\$825.17
918	9-Aug-12	18	11	\$923.73	Yes	\$1,000.00	\$76.27
919	9-Aug-12	18	12	\$83.50	Yes	\$1,000.00	\$916.50
920	9-Aug-12	19	1	\$50.63	Yes	\$1,000.00	\$949.37
921	9-Aug-12	19	2	\$51.30	Yes	\$1,000.00	\$948.70
922	9-Aug-12	19	3	\$51.35	Yes	\$1,000.00	\$948.65
923	9-Aug-12	19	4	\$50.55	Yes	\$1,000.00	\$949.45
924	9-Aug-12	19	5	\$50.55	Yes	\$1,000.00	\$949.45
925	9-Aug-12	19	6	\$50.36	Yes	\$1,000.00	\$949.64
926	9-Aug-12	19	7	\$50.60	Yes	\$1,000.00	\$949.40
927	9-Aug-12	19	8	\$53.48	Yes	\$1,000.00	\$946.52
928	9-Aug-12	19	9	\$53.30	Yes	\$1,000.00	\$946.70
929	9-Aug-12	19	10	\$42.99	Yes	\$1,000.00	\$957.01
930	9-Aug-12	19	11	\$43.61	Yes	\$1,000.00	\$956.39
931	9-Aug-12	19	12	\$41.08	Yes	\$1,000.00	\$958.92
932	9-Aug-12	20	1	\$33.75	Yes	\$1,000.00	\$966.25
933	9-Aug-12	20	2	\$30.96	Yes	\$1,000.00	\$969.04
934	9-Aug-12	20	3	\$29.43	Yes	\$1,000.00	\$970.57
935	9-Aug-12	20	4	\$27.84	Yes	\$1,000.00	\$972.16
936	9-Aug-12	20	5	\$32.59	Yes	\$1,000.00	\$967.41
937	9-Aug-12	20	6	\$34.40	Yes	\$1,000.00	\$965.60
938	9-Aug-12	20	7	\$34.19	Yes	\$1,000.00	\$965.81
939	9-Aug-12	20	8	\$34.04	Yes	\$1,000.00	\$965.96
940	9-Aug-12	20	9	\$30.26	Yes	\$1,000.00	\$969.74

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
941	9-Aug-12	20	10	\$26.68	Yes	\$1,000.00	\$973.32
942	9-Aug-12	20	11	\$25.66	Yes	\$1,000.00	\$974.34
943	9-Aug-12	20	12	\$26.16	Yes	\$1,000.00	\$973.84
944	9-Aug-12	21	1	\$27.04	Yes	\$1,000.00	\$972.96
945	9-Aug-12	21	2	\$26.81	Yes	\$1,000.00	\$973.19
946	9-Aug-12	21	3	\$27.12	Yes	\$1,000.00	\$972.88
947	9-Aug-12	21	4	\$31.21	Yes	\$1,000.00	\$968.79
948	9-Aug-12	21	5	\$28.68	Yes	\$1,000.00	\$971.32
949	9-Aug-12	21	6	\$34.69	Yes	\$1,000.00	\$965.31
950	9-Aug-12	21	7	\$29.85	Yes	\$1,000.00	\$970.15
951	9-Aug-12	21	8	\$32.41	Yes	\$1,000.00	\$967.59
952	9-Aug-12	21	9	\$31.47	Yes	\$1,000.00	\$968.53
953	9-Aug-12	21	10	\$31.90	Yes	\$1,000.00	\$968.10
954	9-Aug-12	21	11	\$31.91	Yes	\$1,000.00	\$968.09
955	9-Aug-12	21	12	\$29.70	Yes	\$1,000.00	\$970.30
956	9-Aug-12	22	1	\$32.91	Yes	\$1,000.00	\$967.09
957	9-Aug-12	22	2	\$32.87	Yes	\$1,000.00	\$967.13
958	9-Aug-12	22	3	\$33.30	Yes	\$1,000.00	\$966.70
959	9-Aug-12	22	4	\$33.63	Yes	\$1,000.00	\$966.37
960	9-Aug-12	22	5	\$33.63	Yes	\$1,000.00	\$966.37
961	9-Aug-12	22	6	\$33.63	Yes	\$1,000.00	\$966.37
962	9-Aug-12	22	7	\$33.27	Yes	\$1,000.00	\$966.73
963	9-Aug-12	22	8	\$33.03	Yes	\$1,000.00	\$966.97
964	9-Aug-12	22	9	\$32.01	Yes	\$1,000.00	\$967.99
965	9-Aug-12	22	10	\$31.30	Yes	\$1,000.00	\$968.70
966	9-Aug-12	22	11	\$28.55	Yes	\$1,000.00	\$971.45
967	9-Aug-12	22	12	\$26.80	Yes	\$1,000.00	\$973.20
968	9-Aug-12	23	1	\$31.74	Yes	\$1,000.00	\$968.26
969	9-Aug-12	23	2	\$32.13	Yes	\$1,000.00	\$967.87
970	9-Aug-12	23	3	\$28.65	Yes	\$1,000.00	\$971.35
971	9-Aug-12	23	4	\$32.98	Yes	\$1,000.00	\$967.02
972	9-Aug-12	23	5	\$32.98	Yes	\$1,000.00	\$967.02
973	9-Aug-12	23	6	\$28.64	Yes	\$1,000.00	\$971.36
974	9-Aug-12	23	7	\$26.65	Yes	\$1,000.00	\$973.35
975	9-Aug-12	23	8	\$24.28	Yes	\$1,000.00	\$975.72
976	9-Aug-12	23	9	\$24.24	Yes	\$1,000.00	\$975.76
977	9-Aug-12	23	10	\$23.94	Yes	\$1,000.00	\$976.06
978	9-Aug-12	23	11	\$24.03	Yes	\$1,000.00	\$975.97
979	9-Aug-12	23	12	\$21.07	Yes	\$1,000.00	\$978.93
980	9-Aug-12	24	1	\$24.24	Yes	\$1,000.00	\$975.76
981	9-Aug-12	24	2	\$24.24	Yes	\$1,000.00	\$975.76
982	9-Aug-12	24	3	\$25.56	Yes	\$1,000.00	\$974.44
983	9-Aug-12	24	4	\$24.95	Yes	\$1,000.00	\$975.05
984	9-Aug-12	24	5	\$24.32	Yes	\$1,000.00	\$975.68
985	9-Aug-12	24	6	\$23.17	Yes	\$1,000.00	\$976.83

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
986	9-Aug-12	24	7	\$22.07	Yes	\$1,000.00	\$977.93
987	9-Aug-12	24	8	\$21.25	Yes	\$1,000.00	\$978.75
988	9-Aug-12	24	9	\$20.26	Yes	\$1,000.00	\$979.74
989	9-Aug-12	24	10	\$19.73	Yes	\$1,000.00	\$980.27
990	9-Aug-12	24	11	\$19.65	Yes	\$1,000.00	\$980.35
991	9-Aug-12	24	12	\$14.53	Yes	\$1,000.00	\$985.47
992	10-Aug-12	1	1	\$24.79	Yes	\$1,000.00	\$975.21
993	10-Aug-12	1	2	\$27.04	Yes	\$1,000.00	\$972.96
994	10-Aug-12	1	3	\$28.87	Yes	\$1,000.00	\$971.13
995	10-Aug-12	1	4	\$27.36	Yes	\$1,000.00	\$972.64
996	10-Aug-12	1	5	\$27.05	Yes	\$1,000.00	\$972.95
997	10-Aug-12	1	6	\$23.66	Yes	\$1,000.00	\$976.34
998	10-Aug-12	1	7	\$22.73	Yes	\$1,000.00	\$977.27
999	10-Aug-12	1	8	\$22.82	Yes	\$1,000.00	\$977.18
1000	10-Aug-12	1	9	\$23.67	Yes	\$1,000.00	\$976.33
1001	10-Aug-12	1	10	\$23.75	Yes	\$1,000.00	\$976.25
1002	10-Aug-12	1	11	\$23.71	Yes	\$1,000.00	\$976.29
1003	10-Aug-12	1	12	\$22.58	Yes	\$1,000.00	\$977.42
1004	10-Aug-12	2	1	\$26.84	Yes	\$1,000.00	\$973.16
1005	10-Aug-12	2	2	\$24.67	Yes	\$1,000.00	\$975.33
1006	10-Aug-12	2	3	\$23.73	Yes	\$1,000.00	\$976.27
1007	10-Aug-12	2	4	\$22.73	Yes	\$1,000.00	\$977.27
1008	10-Aug-12	2	5	\$23.58	Yes	\$1,000.00	\$976.42
1009	10-Aug-12	2	6	\$23.54	Yes	\$1,000.00	\$976.46
1010	10-Aug-12	2	7	\$23.56	Yes	\$1,000.00	\$976.44
1011	10-Aug-12	2	8	\$24.57	Yes	\$1,000.00	\$975.43
1012	10-Aug-12	2	9	\$23.59	Yes	\$1,000.00	\$976.41
1013	10-Aug-12	2	10	\$24.16	Yes	\$1,000.00	\$975.84
1014	10-Aug-12	2	11	\$24.16	Yes	\$1,000.00	\$975.84
1015	10-Aug-12	2	12	\$22.74	Yes	\$1,000.00	\$977.26
1016	10-Aug-12	3	1	\$25.73	Yes	\$1,000.00	\$974.27
1017	10-Aug-12	3	2	\$27.97	Yes	\$1,000.00	\$972.03
1018	10-Aug-12	3	3	\$26.84	Yes	\$1,000.00	\$973.16
1019	10-Aug-12	3	4	\$28.02	Yes	\$1,000.00	\$971.98
1020	10-Aug-12	3	5	\$26.54	Yes	\$1,000.00	\$973.46
1021	10-Aug-12	3	6	\$25.29	Yes	\$1,000.00	\$974.71
1022	10-Aug-12	3	7	\$23.60	Yes	\$1,000.00	\$976.40
1023	10-Aug-12	3	8	\$23.76	Yes	\$1,000.00	\$976.24
1024	10-Aug-12	3	9	\$23.72	Yes	\$1,000.00	\$976.28
1025	10-Aug-12	3	10	\$23.94	Yes	\$1,000.00	\$976.06
1026	10-Aug-12	3	11	\$23.68	Yes	\$1,000.00	\$976.32
1027	10-Aug-12	3	12	\$23.58	Yes	\$1,000.00	\$976.42
1028	10-Aug-12	4	1	\$23.60	Yes	\$1,000.00	\$976.40
1029	10-Aug-12	4	2	\$23.54	Yes	\$1,000.00	\$976.46
1030	10-Aug-12	4	3	\$23.54	Yes	\$1,000.00	\$976.46

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1031	10-Aug-12	4	4	\$8.33	Yes	\$1,000.00	\$991.67
1032	10-Aug-12	4	5	\$11.35	Yes	\$1,000.00	\$988.65
1033	10-Aug-12	4	6	\$22.76	Yes	\$1,000.00	\$977.24
1034	10-Aug-12	4	7	\$22.70	Yes	\$1,000.00	\$977.30
1035	10-Aug-12	4	8	\$23.53	Yes	\$1,000.00	\$976.47
1036	10-Aug-12	4	9	\$22.99	Yes	\$1,000.00	\$977.01
1037	10-Aug-12	4	10	\$20.96	Yes	\$1,000.00	\$979.04
1038	10-Aug-12	4	11	\$17.84	Yes	\$1,000.00	\$982.16
1039	10-Aug-12	4	12	\$20.96	Yes	\$1,000.00	\$979.04
1040	10-Aug-12	5	1	\$21.89	Yes	\$1,000.00	\$978.11
1041	10-Aug-12	5	2	\$22.62	Yes	\$1,000.00	\$977.38
1042	10-Aug-12	5	3	\$21.89	Yes	\$1,000.00	\$978.11
1043	10-Aug-12	5	4	\$21.89	Yes	\$1,000.00	\$978.11
1044	10-Aug-12	5	5	\$22.62	Yes	\$1,000.00	\$977.38
1045	10-Aug-12	5	6	\$22.92	Yes	\$1,000.00	\$977.08
1046	10-Aug-12	5	7	\$23.36	Yes	\$1,000.00	\$976.64
1047	10-Aug-12	5	8	\$23.52	Yes	\$1,000.00	\$976.48
1048	10-Aug-12	5	9	\$23.81	Yes	\$1,000.00	\$976.19
1049	10-Aug-12	5	10	\$23.75	Yes	\$1,000.00	\$976.25
1050	10-Aug-12	5	11	\$24.61	Yes	\$1,000.00	\$975.39
1051	10-Aug-12	5	12	\$23.75	Yes	\$1,000.00	\$976.25
1052	10-Aug-12	6	1	\$23.62	Yes	\$1,000.00	\$976.38
1053	10-Aug-12	6	2	\$23.73	Yes	\$1,000.00	\$976.27
1054	10-Aug-12	6	3	\$24.16	Yes	\$1,000.00	\$975.84
1055	10-Aug-12	6	4	\$24.60	Yes	\$1,000.00	\$975.40
1056	10-Aug-12	6	5	\$24.80	Yes	\$1,000.00	\$975.20
1057	10-Aug-12	6	6	\$25.69	Yes	\$1,000.00	\$974.31
1058	10-Aug-12	6	7	\$25.80	Yes	\$1,000.00	\$974.20
1059	10-Aug-12	6	8	\$26.52	Yes	\$1,000.00	\$973.48
1060	10-Aug-12	6	9	\$26.80	Yes	\$1,000.00	\$973.20
1061	10-Aug-12	6	10	\$27.77	Yes	\$1,000.00	\$972.23
1062	10-Aug-12	6	11	\$27.77	Yes	\$1,000.00	\$972.23
1063	10-Aug-12	6	12	\$28.08	Yes	\$1,000.00	\$971.92
1064	10-Aug-12	7	1	\$23.56	Yes	\$34.29	\$10.73
1065	10-Aug-12	7	2	\$23.73	Yes	\$34.29	\$10.56
1066	10-Aug-12	7	3	\$24.01	Yes	\$34.29	\$10.28
1067	10-Aug-12	7	4	\$23.56	Yes	\$34.29	\$10.73
1068	10-Aug-12	7	5	\$23.54	Yes	\$34.29	\$10.75
1069	10-Aug-12	7	6	\$23.57	Yes	\$34.29	\$10.72
1070	10-Aug-12	7	7	\$23.65	Yes	\$34.29	\$10.64
1071	10-Aug-12	7	8	\$23.72	Yes	\$34.29	\$10.57
1072	10-Aug-12	7	9	\$24.07	Yes	\$34.29	\$10.22
1073	10-Aug-12	7	10	\$26.25	Yes	\$34.29	\$8.04
1074	10-Aug-12	7	11	\$25.76	Yes	\$34.29	\$8.53
1075	10-Aug-12	7	12	\$27.14	Yes	\$34.29	\$7.15

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1076	10-Aug-12	8	1	\$22.22	Yes	\$34.29	\$12.07
1077	10-Aug-12	8	2	\$22.22	Yes	\$34.29	\$12.07
1078	10-Aug-12	8	3	\$22.22	Yes	\$34.29	\$12.07
1079	10-Aug-12	8	4	\$23.70	Yes	\$34.29	\$10.59
1080	10-Aug-12	8	5	\$23.62	Yes	\$34.29	\$10.67
1081	10-Aug-12	8	6	\$23.67	Yes	\$34.29	\$10.62
1082	10-Aug-12	8	7	\$23.71	Yes	\$34.29	\$10.58
1083	10-Aug-12	8	7	\$23.71	Yes	\$36.41	\$12.70
1084	10-Aug-12	8	8	\$22.83	Yes	\$34.29	\$11.46
1085	10-Aug-12	8	8	\$22.83	Yes	\$36.41	\$13.58
1086	10-Aug-12	8	9	\$23.53	Yes	\$34.29	\$10.76
1087	10-Aug-12	8	9	\$23.53	Yes	\$36.41	\$12.88
1088	10-Aug-12	8	10	\$23.52	Yes	\$34.29	\$10.77
1089	10-Aug-12	8	10	\$23.52	Yes	\$36.41	\$12.89
1090	10-Aug-12	8	11	\$23.72	Yes	\$34.29	\$10.57
1091	10-Aug-12	8	11	\$23.72	Yes	\$36.41	\$12.69
1092	10-Aug-12	8	12	\$23.52	Yes	\$34.29	\$10.77
1093	10-Aug-12	8	12	\$23.52	Yes	\$36.41	\$12.89
1094	10-Aug-12	9	1	\$21.66	Yes	\$1,000.00	\$978.34
1095	10-Aug-12	9	2	\$20.91	Yes	\$1,000.00	\$979.09
1096	10-Aug-12	9	3	\$20.91	Yes	\$1,000.00	\$979.09
1097	10-Aug-12	9	4	\$21.75	Yes	\$1,000.00	\$978.25
1098	10-Aug-12	9	5	\$23.44	Yes	\$1,000.00	\$976.56
1099	10-Aug-12	9	6	\$23.96	Yes	\$1,000.00	\$976.04
1100	10-Aug-12	9	7	\$24.09	Yes	\$1,000.00	\$975.91
1101	10-Aug-12	9	8	\$25.48	Yes	\$1,000.00	\$974.52
1102	10-Aug-12	9	9	\$24.60	Yes	\$1,000.00	\$975.40
1103	10-Aug-12	9	10	\$24.18	Yes	\$1,000.00	\$975.82
1104	10-Aug-12	9	11	\$24.18	Yes	\$1,000.00	\$975.82
1105	10-Aug-12	9	12	\$25.61	Yes	\$1,000.00	\$974.39
1106	10-Aug-12	10	1	\$21.90	Yes	\$1,000.00	\$978.10
1107	10-Aug-12	10	2	\$23.12	Yes	\$1,000.00	\$976.88
1108	10-Aug-12	10	3	\$23.89	Yes	\$1,000.00	\$976.11
1109	10-Aug-12	10	4	\$24.20	Yes	\$1,000.00	\$975.80
1110	10-Aug-12	10	5	\$23.95	Yes	\$1,000.00	\$976.05
1111	10-Aug-12	10	6	\$24.20	Yes	\$1,000.00	\$975.80
1112	10-Aug-12	10	7	\$25.62	Yes	\$1,000.00	\$974.38
1113	10-Aug-12	10	8	\$27.72	Yes	\$1,000.00	\$972.28
1114	10-Aug-12	10	9	\$29.79	Yes	\$1,000.00	\$970.21
1115	10-Aug-12	10	10	\$32.05	Yes	\$1,000.00	\$967.95
1116	10-Aug-12	10	11	\$34.97	Yes	\$1,000.00	\$965.03
1117	10-Aug-12	10	12	\$33.39	Yes	\$1,000.00	\$966.61
1118	10-Aug-12	11	1	\$26.41	Yes	\$1,000.00	\$973.59
1119	10-Aug-12	11	2	\$26.93	Yes	\$1,000.00	\$973.07
1120	10-Aug-12	11	3	\$26.93	Yes	\$1,000.00	\$973.07

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1121	10-Aug-12	11	4	\$26.79	Yes	\$1,000.00	\$973.21
1122	10-Aug-12	11	5	\$27.80	Yes	\$1,000.00	\$972.20
1123	10-Aug-12	11	6	\$28.20	Yes	\$1,000.00	\$971.80
1124	10-Aug-12	11	7	\$29.45	Yes	\$1,000.00	\$970.55
1125	10-Aug-12	11	8	\$32.47	Yes	\$1,000.00	\$967.53
1126	10-Aug-12	11	9	\$31.61	Yes	\$1,000.00	\$968.39
1127	10-Aug-12	11	10	\$32.39	Yes	\$1,000.00	\$967.61
1128	10-Aug-12	11	11	\$33.23	Yes	\$1,000.00	\$966.77
1129	10-Aug-12	11	12	\$34.27	Yes	\$1,000.00	\$965.73
1130	10-Aug-12	12	1	\$30.83	Yes	\$1,000.00	\$969.17
1131	10-Aug-12	12	2	\$31.49	Yes	\$1,000.00	\$968.51
1132	10-Aug-12	12	3	\$28.91	Yes	\$1,000.00	\$971.09
1133	10-Aug-12	12	4	\$29.70	Yes	\$1,000.00	\$970.30
1134	10-Aug-12	12	5	\$30.14	Yes	\$1,000.00	\$969.86
1135	10-Aug-12	12	6	\$31.50	Yes	\$1,000.00	\$968.50
1136	10-Aug-12	12	7	\$32.31	Yes	\$1,000.00	\$967.69
1137	10-Aug-12	12	8	\$32.64	Yes	\$1,000.00	\$967.36
1138	10-Aug-12	12	9	\$33.42	Yes	\$1,000.00	\$966.58
1139	10-Aug-12	12	10	\$34.34	Yes	\$1,000.00	\$965.66
1140	10-Aug-12	12	11	\$34.34	Yes	\$1,000.00	\$965.66
1141	10-Aug-12	12	12	\$34.08	Yes	\$1,000.00	\$965.92
1142	10-Aug-12	13	1	\$25.94	Yes	\$1,000.00	\$974.06
1143	10-Aug-12	13	2	\$27.25	Yes	\$1,000.00	\$972.75
1144	10-Aug-12	13	3	\$27.33	Yes	\$1,000.00	\$972.67
1145	10-Aug-12	13	4	\$29.77	Yes	\$1,000.00	\$970.23
1146	10-Aug-12	13	5	\$29.77	Yes	\$1,000.00	\$970.23
1147	10-Aug-12	13	6	\$29.99	Yes	\$1,000.00	\$970.01
1148	10-Aug-12	13	7	\$30.59	Yes	\$1,000.00	\$969.41
1149	10-Aug-12	13	8	\$30.80	Yes	\$1,000.00	\$969.20
1150	10-Aug-12	13	9	\$31.99	Yes	\$1,000.00	\$968.01
1151	10-Aug-12	13	10	\$32.82	Yes	\$1,000.00	\$967.18
1152	10-Aug-12	13	11	\$32.99	Yes	\$1,000.00	\$967.01
1153	10-Aug-12	13	12	\$34.11	Yes	\$1,000.00	\$965.89
1154	10-Aug-12	14	1	\$32.71	Yes	\$1,000.00	\$967.29
1155	10-Aug-12	14	2	\$30.74	Yes	\$1,000.00	\$969.26
1156	10-Aug-12	14	3	\$29.47	Yes	\$1,000.00	\$970.53
1157	10-Aug-12	14	4	\$29.45	Yes	\$1,000.00	\$970.55
1158	10-Aug-12	14	5	\$29.74	Yes	\$1,000.00	\$970.26
1159	10-Aug-12	14	6	\$33.14	Yes	\$1,000.00	\$966.86
1160	10-Aug-12	14	7	\$34.00	Yes	\$1,000.00	\$966.00
1161	10-Aug-12	14	8	\$33.96	Yes	\$1,000.00	\$966.04
1162	10-Aug-12	14	9	\$34.88	Yes	\$1,000.00	\$965.12
1163	10-Aug-12	14	10	\$37.86	Yes	\$1,000.00	\$962.14
1164	10-Aug-12	14	11	\$40.43	Yes	\$1,000.00	\$959.57
1165	10-Aug-12	14	12	\$43.86	Yes	\$1,000.00	\$956.14

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1166	10-Aug-12	15	1	\$40.32	Yes	\$1,000.00	\$959.68
1167	10-Aug-12	15	2	\$41.36	Yes	\$1,000.00	\$958.64
1168	10-Aug-12	15	3	\$42.38	Yes	\$1,000.00	\$957.62
1169	10-Aug-12	15	4	\$43.51	Yes	\$1,000.00	\$956.49
1170	10-Aug-12	15	5	\$43.78	Yes	\$1,000.00	\$956.22
1171	10-Aug-12	15	6	\$43.37	Yes	\$1,000.00	\$956.63
1172	10-Aug-12	15	7	\$111.47	Yes	\$1,000.00	\$888.53
1173	10-Aug-12	15	8	\$95.24	Yes	\$1,000.00	\$904.76
1174	10-Aug-12	15	9	\$95.29	Yes	\$1,000.00	\$904.71
1175	10-Aug-12	15	10	\$111.28	Yes	\$1,000.00	\$888.72
1176	10-Aug-12	15	11	\$111.19	Yes	\$1,000.00	\$888.81
1177	10-Aug-12	15	12	\$133.64	Yes	\$1,000.00	\$866.36
1178	10-Aug-12	16	1	\$133.70	Yes	\$1,000.00	\$866.30
1179	10-Aug-12	16	2	\$133.56	Yes	\$1,000.00	\$866.44
1180	10-Aug-12	16	3	\$128.32	Yes	\$1,000.00	\$871.68
1181	10-Aug-12	16	4	\$126.70	Yes	\$1,000.00	\$873.30
1182	10-Aug-12	16	5	\$117.48	Yes	\$1,000.00	\$882.52
1183	10-Aug-12	16	6	\$104.66	Yes	\$1,000.00	\$895.34
1184	10-Aug-12	16	7	\$94.05	Yes	\$1,000.00	\$905.95
1185	10-Aug-12	16	8	\$95.01	Yes	\$1,000.00	\$904.99
1186	10-Aug-12	16	9	\$94.89	Yes	\$1,000.00	\$905.11
1187	10-Aug-12	16	10	\$101.17	Yes	\$1,000.00	\$898.83
1188	10-Aug-12	16	11	\$102.03	Yes	\$1,000.00	\$897.97
1189	10-Aug-12	16	12	\$40.57	Yes	\$1,000.00	\$959.43
1190	10-Aug-12	17	1	\$40.94	Yes	\$1,000.00	\$959.06
1191	10-Aug-12	17	2	\$60.46	Yes	\$1,000.00	\$939.54
1192	10-Aug-12	17	3	\$44.02	Yes	\$1,000.00	\$955.98
1193	10-Aug-12	17	4	\$160.06	Yes	\$1,000.00	\$839.94
1194	10-Aug-12	17	5	\$131.03	Yes	\$1,000.00	\$868.97
1195	10-Aug-12	17	6	\$564.30	Yes	\$1,000.00	\$435.70
1196	10-Aug-12	17	7	\$909.48	Yes	\$1,000.00	\$90.52
1197	10-Aug-12	17	8	\$1,000.00	Yes	\$1,000.00	\$0.00
1198	10-Aug-12	17	9	\$1,000.00	Yes	\$1,000.00	\$0.00
1199	10-Aug-12	17	10	\$60.48	Yes	\$1,000.00	\$939.52
1200	10-Aug-12	17	11	\$907.80	Yes	\$1,000.00	\$92.20
1201	10-Aug-12	17	12	\$908.22	Yes	\$1,000.00	\$91.78
1202	10-Aug-12	18	1	\$53.60	Yes	\$1,000.00	\$946.40
1203	10-Aug-12	18	2	\$53.40	Yes	\$1,000.00	\$946.60
1204	10-Aug-12	18	3	\$55.97	Yes	\$1,000.00	\$944.03
1205	10-Aug-12	18	4	\$56.25	Yes	\$1,000.00	\$943.75
1206	10-Aug-12	18	5	\$56.22	Yes	\$1,000.00	\$943.78
1207	10-Aug-12	18	6	\$56.40	Yes	\$1,000.00	\$943.60
1208	10-Aug-12	18	7	\$56.25	Yes	\$1,000.00	\$943.75
1209	10-Aug-12	18	8	\$55.69	Yes	\$1,000.00	\$944.31
1210	10-Aug-12	18	9	\$50.59	Yes	\$1,000.00	\$949.41

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1211	10-Aug-12	18	10	\$50.78	Yes	\$1,000.00	\$949.22
1212	10-Aug-12	18	11	\$54.27	Yes	\$1,000.00	\$945.73
1213	10-Aug-12	18	12	\$33.95	Yes	\$1,000.00	\$966.05
1214	10-Aug-12	19	1	\$35.05	Yes	\$1,000.00	\$964.95
1215	10-Aug-12	19	2	\$34.69	Yes	\$1,000.00	\$965.31
1216	10-Aug-12	19	3	\$35.29	Yes	\$1,000.00	\$964.71
1217	10-Aug-12	19	4	\$36.05	Yes	\$1,000.00	\$963.95
1218	10-Aug-12	19	5	\$38.77	Yes	\$1,000.00	\$961.23
1219	10-Aug-12	19	6	\$36.33	Yes	\$1,000.00	\$963.67
1220	10-Aug-12	19	7	\$36.33	Yes	\$1,000.00	\$963.67
1221	10-Aug-12	19	8	\$38.77	Yes	\$1,000.00	\$961.23
1222	10-Aug-12	19	9	\$36.78	Yes	\$1,000.00	\$963.22
1223	10-Aug-12	19	10	\$35.01	Yes	\$1,000.00	\$964.99
1224	10-Aug-12	19	11	\$34.89	Yes	\$1,000.00	\$965.11
1225	10-Aug-12	19	12	\$33.82	Yes	\$1,000.00	\$966.18
1226	10-Aug-12	20	1	\$29.51	Yes	\$1,000.00	\$970.49
1227	10-Aug-12	20	2	\$31.96	Yes	\$1,000.00	\$968.04
1228	10-Aug-12	20	3	\$33.69	Yes	\$1,000.00	\$966.31
1229	10-Aug-12	20	4	\$32.64	Yes	\$1,000.00	\$967.36
1230	10-Aug-12	20	5	\$32.65	Yes	\$1,000.00	\$967.35
1231	10-Aug-12	20	6	\$32.63	Yes	\$1,000.00	\$967.37
1232	10-Aug-12	20	7	\$32.14	Yes	\$1,000.00	\$967.86
1233	10-Aug-12	20	8	\$31.68	Yes	\$1,000.00	\$968.32
1234	10-Aug-12	20	9	\$31.80	Yes	\$1,000.00	\$968.20
1235	10-Aug-12	20	10	\$31.51	Yes	\$1,000.00	\$968.49
1236	10-Aug-12	20	11	\$28.54	Yes	\$1,000.00	\$971.46
1237	10-Aug-12	20	12	\$28.14	Yes	\$1,000.00	\$971.86
1238	10-Aug-12	21	1	\$29.83	Yes	\$1,000.00	\$970.17
1239	10-Aug-12	21	2	\$29.41	Yes	\$1,000.00	\$970.59
1240	10-Aug-12	21	3	\$30.07	Yes	\$1,000.00	\$969.93
1241	10-Aug-12	21	4	\$30.92	Yes	\$1,000.00	\$969.08
1242	10-Aug-12	21	5	\$30.84	Yes	\$1,000.00	\$969.16
1243	10-Aug-12	21	6	\$30.63	Yes	\$1,000.00	\$969.37
1244	10-Aug-12	21	7	\$30.44	Yes	\$1,000.00	\$969.56
1245	10-Aug-12	21	8	\$30.36	Yes	\$1,000.00	\$969.64
1246	10-Aug-12	21	9	\$30.48	Yes	\$1,000.00	\$969.52
1247	10-Aug-12	21	10	\$26.71	Yes	\$1,000.00	\$973.29
1248	10-Aug-12	21	11	\$27.52	Yes	\$1,000.00	\$972.48
1249	10-Aug-12	21	12	\$26.69	Yes	\$1,000.00	\$973.31
1250	10-Aug-12	22	1	\$32.36	Yes	\$1,000.00	\$967.64
1251	10-Aug-12	22	2	\$32.04	Yes	\$1,000.00	\$967.96
1252	10-Aug-12	22	3	\$32.30	Yes	\$1,000.00	\$967.70
1253	10-Aug-12	22	4	\$31.84	Yes	\$1,000.00	\$968.16
1254	10-Aug-12	22	5	\$30.15	Yes	\$1,000.00	\$969.85
1255	10-Aug-12	22	6	\$28.80	Yes	\$1,000.00	\$971.20



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1256	10-Aug-12	22	7	\$26.26	Yes	\$1,000.00	\$973.74
1257	10-Aug-12	22	8	\$28.69	Yes	\$1,000.00	\$971.31
1258	10-Aug-12	22	9	\$27.44	Yes	\$1,000.00	\$972.56
1259	10-Aug-12	22	10	\$26.74	Yes	\$1,000.00	\$973.26
1260	10-Aug-12	22	11	\$25.76	Yes	\$1,000.00	\$974.24
1261	10-Aug-12	22	12	\$27.76	Yes	\$1,000.00	\$972.24
1262	10-Aug-12	23	1	\$34.33	Yes	\$1,000.00	\$965.67
1263	10-Aug-12	23	2	\$34.94	Yes	\$1,000.00	\$965.06
1264	10-Aug-12	23	3	\$34.94	Yes	\$1,000.00	\$965.06
1265	10-Aug-12	23	4	\$34.22	Yes	\$1,000.00	\$965.78
1266	10-Aug-12	23	5	\$27.86	Yes	\$1,000.00	\$972.14
1267	10-Aug-12	23	6	\$24.67	Yes	\$1,000.00	\$975.33
1268	10-Aug-12	23	7	\$24.24	Yes	\$1,000.00	\$975.76
1269	10-Aug-12	23	8	\$24.36	Yes	\$1,000.00	\$975.64
1270	10-Aug-12	23	9	\$24.26	Yes	\$1,000.00	\$975.74
1271	10-Aug-12	23	10	\$24.30	Yes	\$1,000.00	\$975.70
1272	10-Aug-12	23	11	\$24.22	Yes	\$1,000.00	\$975.78
1273	10-Aug-12	23	12	\$24.18	Yes	\$1,000.00	\$975.82
1274	10-Aug-12	24	1	\$23.41	Yes	\$1,000.00	\$976.59
1275	10-Aug-12	24	2	\$21.98	Yes	\$1,000.00	\$978.02
1276	10-Aug-12	24	3	\$22.08	Yes	\$1,000.00	\$977.92
1277	10-Aug-12	24	4	\$24.35	Yes	\$1,000.00	\$975.65
1278	10-Aug-12	24	5	\$24.26	Yes	\$1,000.00	\$975.74
1279	10-Aug-12	24	6	\$24.20	Yes	\$1,000.00	\$975.80
1280	10-Aug-12	24	7	\$23.38	Yes	\$1,000.00	\$976.62
1281	10-Aug-12	24	8	\$21.81	Yes	\$1,000.00	\$978.19
1282	10-Aug-12	24	9	\$21.68	Yes	\$1,000.00	\$978.32
1283	10-Aug-12	24	10	\$21.14	Yes	\$1,000.00	\$978.86
1284	10-Aug-12	24	11	\$19.77	Yes	\$1,000.00	\$980.23
1285	10-Aug-12	24	12	\$16.71	Yes	\$1,000.00	\$983.29
1286	11-Aug-12	1	1	\$16.71	Yes	\$1,000.00	\$983.29
1287	11-Aug-12	1	2	\$12.29	Yes	\$1,000.00	\$987.71
1288	11-Aug-12	1	3	\$20.49	Yes	\$1,000.00	\$979.51
1289	11-Aug-12	1	4	\$21.50	Yes	\$1,000.00	\$978.50
1290	11-Aug-12	1	5	\$21.50	Yes	\$1,000.00	\$978.50
1291	11-Aug-12	1	6	\$21.09	Yes	\$1,000.00	\$978.91
1292	11-Aug-12	1	7	\$18.56	Yes	\$1,000.00	\$981.44
1293	11-Aug-12	1	8	\$21.05	Yes	\$1,000.00	\$978.95
1294	11-Aug-12	1	9	\$18.25	Yes	\$1,000.00	\$981.75
1295	11-Aug-12	1	10	\$23.77	Yes	\$1,000.00	\$976.23
1296	11-Aug-12	1	11	\$23.74	Yes	\$1,000.00	\$976.26
1297	11-Aug-12	1	12	\$18.57	Yes	\$1,000.00	\$981.43
1298	11-Aug-12	2	1	\$30.90	Yes	\$1,000.00	\$969.10
1299	11-Aug-12	2	2	\$30.11	Yes	\$1,000.00	\$969.89
1300	11-Aug-12	2	3	\$28.10	Yes	\$1,000.00	\$971.90

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1301	11-Aug-12	2	4	\$28.10	Yes	\$1,000.00	\$971.90
1302	11-Aug-12	2	5	\$28.32	Yes	\$1,000.00	\$971.68
1303	11-Aug-12	2	6	\$30.59	Yes	\$1,000.00	\$969.41
1304	11-Aug-12	2	7	\$23.68	Yes	\$1,000.00	\$976.32
1305	11-Aug-12	2	8	\$25.75	Yes	\$1,000.00	\$974.25
1306	11-Aug-12	2	9	\$25.83	Yes	\$1,000.00	\$974.17
1307	11-Aug-12	2	10	\$25.91	Yes	\$1,000.00	\$974.09
1308	11-Aug-12	2	11	\$26.15	Yes	\$1,000.00	\$973.85
1309	11-Aug-12	2	12	\$27.85	Yes	\$1,000.00	\$972.15
1310	11-Aug-12	3	1	\$26.62	Yes	\$1,000.00	\$973.38
1311	11-Aug-12	3	2	\$25.61	Yes	\$1,000.00	\$974.39
1312	11-Aug-12	3	3	\$26.72	Yes	\$1,000.00	\$973.28
1313	11-Aug-12	3	4	\$25.13	Yes	\$1,000.00	\$974.87
1314	11-Aug-12	3	5	\$24.07	Yes	\$1,000.00	\$975.93
1315	11-Aug-12	3	6	\$23.90	Yes	\$1,000.00	\$976.10
1316	11-Aug-12	3	7	\$23.85	Yes	\$1,000.00	\$976.15
1317	11-Aug-12	3	8	\$22.79	Yes	\$1,000.00	\$977.21
1318	11-Aug-12	3	9	\$23.78	Yes	\$1,000.00	\$976.22
1319	11-Aug-12	3	10	\$23.81	Yes	\$1,000.00	\$976.19
1320	11-Aug-12	3	11	\$23.72	Yes	\$1,000.00	\$976.28
1321	11-Aug-12	3	12	\$22.78	Yes	\$1,000.00	\$977.22
1322	11-Aug-12	4	1	\$22.80	Yes	\$1,000.00	\$977.20
1323	11-Aug-12	4	2	\$21.29	Yes	\$1,000.00	\$978.71
1324	11-Aug-12	4	3	\$21.17	Yes	\$1,000.00	\$978.83
1325	11-Aug-12	4	4	\$21.13	Yes	\$1,000.00	\$978.87
1326	11-Aug-12	4	5	\$21.13	Yes	\$1,000.00	\$978.87
1327	11-Aug-12	4	6	\$21.34	Yes	\$1,000.00	\$978.66
1328	11-Aug-12	4	7	\$21.09	Yes	\$1,000.00	\$978.91
1329	11-Aug-12	4	8	\$21.13	Yes	\$1,000.00	\$978.87
1330	11-Aug-12	4	9	\$21.13	Yes	\$1,000.00	\$978.87
1331	11-Aug-12	4	10	\$21.10	Yes	\$1,000.00	\$978.90
1332	11-Aug-12	4	11	\$20.99	Yes	\$1,000.00	\$979.01
1333	11-Aug-12	4	12	\$14.55	Yes	\$1,000.00	\$985.45
1334	11-Aug-12	5	1	\$21.81	Yes	\$1,000.00	\$978.19
1335	11-Aug-12	5	2	\$21.19	Yes	\$1,000.00	\$978.81
1336	11-Aug-12	5	3	\$21.12	Yes	\$1,000.00	\$978.88
1337	11-Aug-12	5	4	\$21.17	Yes	\$1,000.00	\$978.83
1338	11-Aug-12	5	5	\$21.96	Yes	\$1,000.00	\$978.04
1339	11-Aug-12	5	6	\$21.03	Yes	\$1,000.00	\$978.97
1340	11-Aug-12	5	7	\$21.15	Yes	\$1,000.00	\$978.85
1341	11-Aug-12	5	8	\$21.15	Yes	\$1,000.00	\$978.85
1342	11-Aug-12	5	9	\$21.15	Yes	\$1,000.00	\$978.85
1343	11-Aug-12	5	10	\$21.21	Yes	\$1,000.00	\$978.79
1344	11-Aug-12	5	11	\$15.13	Yes	\$1,000.00	\$984.87
1345	11-Aug-12	5	12	\$21.06	Yes	\$1,000.00	\$978.94

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1346	11-Aug-12	6	1	\$21.19	Yes	\$1,000.00	\$978.81
1347	11-Aug-12	6	2	\$21.05	Yes	\$1,000.00	\$978.95
1348	11-Aug-12	6	3	\$14.45	Yes	\$1,000.00	\$985.55
1349	11-Aug-12	6	4	\$12.21	Yes	\$1,000.00	\$987.79
1350	11-Aug-12	6	5	\$13.32	Yes	\$1,000.00	\$986.68
1351	11-Aug-12	6	6	\$21.01	Yes	\$1,000.00	\$978.99
1352	11-Aug-12	6	7	\$22.68	Yes	\$1,000.00	\$977.32
1353	11-Aug-12	6	8	\$21.79	Yes	\$1,000.00	\$978.21
1354	11-Aug-12	6	9	\$21.13	Yes	\$1,000.00	\$978.87
1355	11-Aug-12	6	10	\$15.12	Yes	\$1,000.00	\$984.88
1356	11-Aug-12	6	11	\$15.12	Yes	\$1,000.00	\$984.88
1357	11-Aug-12	6	12	\$21.06	Yes	\$1,000.00	\$978.94
1358	11-Aug-12	7	1	\$12.29	Yes	\$1,000.00	\$987.71
1359	11-Aug-12	7	2	\$12.29	Yes	\$1,000.00	\$987.71
1360	11-Aug-12	7	3	\$12.29	Yes	\$1,000.00	\$987.71
1361	11-Aug-12	7	4	\$1.63	Yes	\$1,000.00	\$998.37
1362	11-Aug-12	7	5	\$5.38	Yes	\$1,000.00	\$994.62
1363	11-Aug-12	7	6	\$7.80	Yes	\$1,000.00	\$992.20
1364	11-Aug-12	7	7	\$8.44	Yes	\$1,000.00	\$991.56
1365	11-Aug-12	7	8	\$13.97	Yes	\$1,000.00	\$986.03
1366	11-Aug-12	7	9	\$17.79	Yes	\$1,000.00	\$982.21
1367	11-Aug-12	7	10	\$13.35	Yes	\$1,000.00	\$986.65
1368	11-Aug-12	7	11	\$8.48	Yes	\$1,000.00	\$991.52
1369	11-Aug-12	7	12	\$22.75	Yes	\$1,000.00	\$977.25
1370	11-Aug-12	8	1	\$18.48	Yes	\$34.02	\$15.54
1371	11-Aug-12	8	2	\$18.48	Yes	\$34.02	\$15.54
1372	11-Aug-12	8	3	\$18.60	Yes	\$34.02	\$15.42
1373	11-Aug-12	8	4	\$19.39	Yes	\$34.02	\$14.63
1374	11-Aug-12	8	5	\$22.66	Yes	\$34.02	\$11.36
1375	11-Aug-12	8	6	\$23.38	Yes	\$34.02	\$10.64
1376	11-Aug-12	8	7	\$23.95	Yes	\$34.02	\$10.07
1377	11-Aug-12	8	8	\$24.71	Yes	\$34.02	\$9.31
1378	11-Aug-12	8	9	\$24.74	Yes	\$34.02	\$9.28
1379	11-Aug-12	8	10	\$24.03	Yes	\$34.02	\$9.99
1380	11-Aug-12	8	11	\$24.07	Yes	\$34.02	\$9.95
1381	11-Aug-12	8	12	\$24.03	Yes	\$34.02	\$9.99
1382	11-Aug-12	9	1	\$22.81	Yes	\$34.02	\$11.21
1383	11-Aug-12	9	2	\$23.86	Yes	\$34.02	\$10.16
1384	11-Aug-12	9	3	\$23.96	Yes	\$34.02	\$10.06
1385	11-Aug-12	9	4	\$24.76	Yes	\$34.02	\$9.26
1386	11-Aug-12	9	5	\$24.76	Yes	\$34.02	\$9.26
1387	11-Aug-12	9	6	\$26.07	Yes	\$34.02	\$7.95
1388	11-Aug-12	9	7	\$24.17	Yes	\$34.02	\$9.85
1389	11-Aug-12	9	8	\$24.07	Yes	\$34.02	\$9.95
1390	11-Aug-12	9	9	\$24.15	Yes	\$34.02	\$9.87

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1391	11-Aug-12	9	9	\$24.15	Yes	\$36.12	\$11.97
1392	11-Aug-12	9	10	\$26.82	Yes	\$34.02	\$7.20
1393	11-Aug-12	9	10	\$26.82	Yes	\$36.12	\$9.30
1394	11-Aug-12	9	11	\$26.34	Yes	\$34.02	\$7.68
1395	11-Aug-12	9	11	\$26.34	Yes	\$36.12	\$9.78
1396	11-Aug-12	9	12	\$24.75	Yes	\$34.02	\$9.27
1397	11-Aug-12	9	12	\$24.75	Yes	\$36.12	\$11.37
1398	11-Aug-12	10	1	\$23.15	Yes	\$1,000.00	\$976.85
1399	11-Aug-12	10	2	\$21.07	Yes	\$1,000.00	\$978.93
1400	11-Aug-12	10	3	\$20.02	Yes	\$1,000.00	\$979.98
1401	11-Aug-12	10	4	\$22.53	Yes	\$1,000.00	\$977.47
1402	11-Aug-12	10	5	\$23.54	Yes	\$1,000.00	\$976.46
1403	11-Aug-12	10	6	\$23.69	Yes	\$1,000.00	\$976.31
1404	11-Aug-12	10	7	\$23.79	Yes	\$1,000.00	\$976.21
1405	11-Aug-12	10	8	\$28.32	Yes	\$1,000.00	\$971.68
1406	11-Aug-12	10	9	\$24.07	Yes	\$1,000.00	\$975.93
1407	11-Aug-12	10	10	\$24.08	Yes	\$1,000.00	\$975.92
1408	11-Aug-12	10	11	\$24.08	Yes	\$1,000.00	\$975.92
1409	11-Aug-12	10	12	\$24.61	Yes	\$1,000.00	\$975.39
1410	11-Aug-12	11	1	\$23.96	Yes	\$1,000.00	\$976.04
1411	11-Aug-12	11	2	\$24.03	Yes	\$1,000.00	\$975.97
1412	11-Aug-12	11	3	\$24.03	Yes	\$1,000.00	\$975.97
1413	11-Aug-12	11	4	\$24.26	Yes	\$1,000.00	\$975.74
1414	11-Aug-12	11	5	\$24.07	Yes	\$1,000.00	\$975.93
1415	11-Aug-12	11	6	\$24.06	Yes	\$1,000.00	\$975.94
1416	11-Aug-12	11	7	\$24.06	Yes	\$1,000.00	\$975.94
1417	11-Aug-12	11	8	\$24.59	Yes	\$1,000.00	\$975.41
1418	11-Aug-12	11	9	\$27.66	Yes	\$1,000.00	\$972.34
1419	11-Aug-12	11	10	\$28.82	Yes	\$1,000.00	\$971.18
1420	11-Aug-12	11	11	\$28.82	Yes	\$1,000.00	\$971.18
1421	11-Aug-12	11	12	\$28.28	Yes	\$1,000.00	\$971.72
1422	11-Aug-12	12	1	\$25.86	Yes	\$1,000.00	\$974.14
1423	11-Aug-12	12	2	\$24.50	Yes	\$1,000.00	\$975.50
1424	11-Aug-12	12	3	\$24.08	Yes	\$1,000.00	\$975.92
1425	11-Aug-12	12	4	\$24.45	Yes	\$1,000.00	\$975.55
1426	11-Aug-12	12	5	\$24.48	Yes	\$1,000.00	\$975.52
1427	11-Aug-12	12	6	\$24.53	Yes	\$1,000.00	\$975.47
1428	11-Aug-12	12	7	\$24.98	Yes	\$1,000.00	\$975.02
1429	11-Aug-12	12	8	\$24.86	Yes	\$1,000.00	\$975.14
1430	11-Aug-12	12	9	\$26.55	Yes	\$1,000.00	\$973.45
1431	11-Aug-12	12	10	\$29.35	Yes	\$1,000.00	\$970.65
1432	11-Aug-12	12	11	\$30.81	Yes	\$1,000.00	\$969.19
1433	11-Aug-12	12	12	\$31.20	Yes	\$1,000.00	\$968.80
1434	11-Aug-12	13	1	\$24.52	Yes	\$1,000.00	\$975.48
1435	11-Aug-12	13	2	\$26.04	Yes	\$1,000.00	\$973.96

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1436	11-Aug-12	13	3	\$26.96	Yes	\$1,000.00	\$973.04
1437	11-Aug-12	13	4	\$28.12	Yes	\$1,000.00	\$971.88
1438	11-Aug-12	13	5	\$29.11	Yes	\$1,000.00	\$970.89
1439	11-Aug-12	13	6	\$29.79	Yes	\$1,000.00	\$970.21
1440	11-Aug-12	13	7	\$31.24	Yes	\$1,000.00	\$968.76
1441	11-Aug-12	13	8	\$34.49	Yes	\$1,000.00	\$965.51
1442	11-Aug-12	13	9	\$34.49	Yes	\$1,000.00	\$965.51
1443	11-Aug-12	13	10	\$35.15	Yes	\$1,000.00	\$964.85
1444	11-Aug-12	13	11	\$35.15	Yes	\$1,000.00	\$964.85
1445	11-Aug-12	13	12	\$35.25	Yes	\$1,000.00	\$964.75
1446	11-Aug-12	14	1	\$32.49	Yes	\$1,000.00	\$967.51
1447	11-Aug-12	14	2	\$32.00	Yes	\$1,000.00	\$968.00
1448	11-Aug-12	14	3	\$32.00	Yes	\$1,000.00	\$968.00
1449	11-Aug-12	14	4	\$31.93	Yes	\$1,000.00	\$968.07
1450	11-Aug-12	14	5	\$33.21	Yes	\$1,000.00	\$966.79
1451	11-Aug-12	14	6	\$32.63	Yes	\$1,000.00	\$967.37
1452	11-Aug-12	14	7	\$32.29	Yes	\$1,000.00	\$967.71
1453	11-Aug-12	14	8	\$32.64	Yes	\$1,000.00	\$967.36
1454	11-Aug-12	14	9	\$33.26	Yes	\$1,000.00	\$966.74
1455	11-Aug-12	14	10	\$34.63	Yes	\$1,000.00	\$965.37
1456	11-Aug-12	14	11	\$34.74	Yes	\$1,000.00	\$965.26
1457	11-Aug-12	14	12	\$36.14	Yes	\$1,000.00	\$963.86
1458	11-Aug-12	15	1	\$32.81	Yes	\$1,000.00	\$967.19
1459	11-Aug-12	15	2	\$32.81	Yes	\$1,000.00	\$967.19
1460	11-Aug-12	15	3	\$32.81	Yes	\$1,000.00	\$967.19
1461	11-Aug-12	15	4	\$33.18	Yes	\$1,000.00	\$966.82
1462	11-Aug-12	15	5	\$34.51	Yes	\$1,000.00	\$965.49
1463	11-Aug-12	15	6	\$36.17	Yes	\$1,000.00	\$963.83
1464	11-Aug-12	15	7	\$106.79	Yes	\$1,000.00	\$893.21
1465	11-Aug-12	15	8	\$39.37	Yes	\$1,000.00	\$960.63
1466	11-Aug-12	15	9	\$39.62	Yes	\$1,000.00	\$960.38
1467	11-Aug-12	15	10	\$42.10	Yes	\$1,000.00	\$957.90
1468	11-Aug-12	15	11	\$42.16	Yes	\$1,000.00	\$957.84
1469	11-Aug-12	15	12	\$44.05	Yes	\$1,000.00	\$955.95
1470	11-Aug-12	16	1	\$45.46	Yes	\$1,000.00	\$954.54
1471	11-Aug-12	16	2	\$34.42	Yes	\$1,000.00	\$965.58
1472	11-Aug-12	16	3	\$34.42	Yes	\$1,000.00	\$965.58
1473	11-Aug-12	16	4	\$34.85	Yes	\$1,000.00	\$965.15
1474	11-Aug-12	16	5	\$35.12	Yes	\$1,000.00	\$964.88
1475	11-Aug-12	16	6	\$35.69	Yes	\$1,000.00	\$964.31
1476	11-Aug-12	16	7	\$36.60	Yes	\$1,000.00	\$963.40
1477	11-Aug-12	16	8	\$60.63	Yes	\$1,000.00	\$939.37
1478	11-Aug-12	16	9	\$60.30	Yes	\$1,000.00	\$939.70
1479	11-Aug-12	16	10	\$54.15	Yes	\$1,000.00	\$945.85
1480	11-Aug-12	16	11	\$54.04	Yes	\$1,000.00	\$945.96

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1481	11-Aug-12	16	12	\$54.50	Yes	\$1,000.00	\$945.50
1482	11-Aug-12	17	1	\$53.79	Yes	\$1,000.00	\$946.21
1483	11-Aug-12	17	2	\$54.09	Yes	\$1,000.00	\$945.91
1484	11-Aug-12	17	3	\$53.79	Yes	\$1,000.00	\$946.21
1485	11-Aug-12	17	4	\$53.19	Yes	\$1,000.00	\$946.81
1486	11-Aug-12	17	5	\$52.22	Yes	\$1,000.00	\$947.78
1487	11-Aug-12	17	6	\$52.22	Yes	\$1,000.00	\$947.78
1488	11-Aug-12	17	7	\$53.28	Yes	\$1,000.00	\$946.72
1489	11-Aug-12	17	8	\$59.88	Yes	\$1,000.00	\$940.12
1490	11-Aug-12	17	9	\$58.73	Yes	\$1,000.00	\$941.27
1491	11-Aug-12	17	10	\$51.54	Yes	\$1,000.00	\$948.46
1492	11-Aug-12	17	11	\$34.57	Yes	\$1,000.00	\$965.43
1493	11-Aug-12	17	12	\$33.74	Yes	\$1,000.00	\$966.26
1494	11-Aug-12	18	1	\$31.30	Yes	\$1,000.00	\$968.70
1495	11-Aug-12	18	2	\$31.90	Yes	\$1,000.00	\$968.10
1496	11-Aug-12	18	3	\$33.55	Yes	\$1,000.00	\$966.45
1497	11-Aug-12	18	4	\$33.63	Yes	\$1,000.00	\$966.37
1498	11-Aug-12	18	5	\$33.46	Yes	\$1,000.00	\$966.54
1499	11-Aug-12	18	6	\$33.58	Yes	\$1,000.00	\$966.42
1500	11-Aug-12	18	7	\$33.48	Yes	\$1,000.00	\$966.52
1501	11-Aug-12	18	8	\$33.57	Yes	\$1,000.00	\$966.43
1502	11-Aug-12	18	9	\$33.57	Yes	\$1,000.00	\$966.43
1503	11-Aug-12	18	10	\$35.74	Yes	\$1,000.00	\$964.26
1504	11-Aug-12	18	11	\$31.91	Yes	\$1,000.00	\$968.09
1505	11-Aug-12	18	12	\$29.69	Yes	\$1,000.00	\$970.31
1506	11-Aug-12	19	1	\$30.85	Yes	\$1,000.00	\$969.15
1507	11-Aug-12	19	2	\$29.51	Yes	\$1,000.00	\$970.49
1508	11-Aug-12	19	3	\$30.15	Yes	\$1,000.00	\$969.85
1509	11-Aug-12	19	4	\$31.08	Yes	\$1,000.00	\$968.92
1510	11-Aug-12	19	5	\$30.60	Yes	\$1,000.00	\$969.40
1511	11-Aug-12	19	6	\$31.27	Yes	\$1,000.00	\$968.73
1512	11-Aug-12	19	7	\$31.07	Yes	\$1,000.00	\$968.93
1513	11-Aug-12	19	8	\$30.33	Yes	\$1,000.00	\$969.67
1514	11-Aug-12	19	9	\$30.10	Yes	\$1,000.00	\$969.90
1515	11-Aug-12	19	10	\$28.49	Yes	\$1,000.00	\$971.51
1516	11-Aug-12	19	11	\$28.58	Yes	\$1,000.00	\$971.42
1517	11-Aug-12	19	12	\$27.60	Yes	\$1,000.00	\$972.40
1518	11-Aug-12	20	1	\$28.79	Yes	\$1,000.00	\$971.21
1519	11-Aug-12	20	2	\$30.69	Yes	\$1,000.00	\$969.31
1520	11-Aug-12	20	3	\$30.76	Yes	\$1,000.00	\$969.24
1521	11-Aug-12	20	4	\$27.87	Yes	\$1,000.00	\$972.13
1522	11-Aug-12	20	5	\$27.59	Yes	\$1,000.00	\$972.41
1523	11-Aug-12	20	6	\$28.17	Yes	\$1,000.00	\$971.83
1524	11-Aug-12	20	7	\$28.17	Yes	\$1,000.00	\$971.83
1525	11-Aug-12	20	8	\$28.40	Yes	\$1,000.00	\$971.60

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1526	11-Aug-12	20	9	\$28.38	Yes	\$1,000.00	\$971.62
1527	11-Aug-12	20	10	\$32.15	Yes	\$1,000.00	\$967.85
1528	11-Aug-12	20	11	\$31.22	Yes	\$1,000.00	\$968.78
1529	11-Aug-12	20	12	\$30.31	Yes	\$1,000.00	\$969.69
1530	11-Aug-12	21	1	\$32.48	Yes	\$1,000.00	\$967.52
1531	11-Aug-12	21	2	\$32.46	Yes	\$1,000.00	\$967.54
1532	11-Aug-12	21	3	\$32.57	Yes	\$1,000.00	\$967.43
1533	11-Aug-12	21	4	\$33.24	Yes	\$1,000.00	\$966.76
1534	11-Aug-12	21	5	\$37.80	Yes	\$1,000.00	\$962.20
1535	11-Aug-12	21	6	\$38.16	Yes	\$1,000.00	\$961.84
1536	11-Aug-12	21	7	\$35.01	Yes	\$1,000.00	\$964.99
1537	11-Aug-12	21	8	\$34.51	Yes	\$1,000.00	\$965.49
1538	11-Aug-12	21	9	\$32.33	Yes	\$1,000.00	\$967.67
1539	11-Aug-12	21	10	\$41.18	Yes	\$1,000.00	\$958.82
1540	11-Aug-12	21	11	\$31.70	Yes	\$1,000.00	\$968.30
1541	11-Aug-12	21	12	\$27.47	Yes	\$1,000.00	\$972.53
1542	11-Aug-12	22	1	\$32.08	Yes	\$1,000.00	\$967.92
1543	11-Aug-12	22	2	\$25.49	Yes	\$1,000.00	\$974.51
1544	11-Aug-12	22	3	\$24.56	Yes	\$1,000.00	\$975.44
1545	11-Aug-12	22	4	\$25.23	Yes	\$1,000.00	\$974.77
1546	11-Aug-12	22	5	\$24.95	Yes	\$1,000.00	\$975.05
1547	11-Aug-12	22	6	\$25.23	Yes	\$1,000.00	\$974.77
1548	11-Aug-12	22	7	\$21.37	Yes	\$1,000.00	\$978.63
1549	11-Aug-12	22	8	\$23.81	Yes	\$1,000.00	\$976.19
1550	11-Aug-12	22	9	\$23.60	Yes	\$1,000.00	\$976.40
1551	11-Aug-12	22	10	\$23.61	Yes	\$1,000.00	\$976.39
1552	11-Aug-12	22	11	\$21.80	Yes	\$1,000.00	\$978.20
1553	11-Aug-12	22	12	\$21.12	Yes	\$1,000.00	\$978.88
1554	11-Aug-12	23	1	\$26.82	Yes	\$1,000.00	\$973.18
1555	11-Aug-12	23	2	\$30.03	Yes	\$1,000.00	\$969.97
1556	11-Aug-12	23	3	\$32.88	Yes	\$1,000.00	\$967.12
1557	11-Aug-12	23	4	\$37.35	Yes	\$1,000.00	\$962.65
1558	11-Aug-12	23	5	\$35.12	Yes	\$1,000.00	\$964.88
1559	11-Aug-12	23	6	\$30.77	Yes	\$1,000.00	\$969.23
1560	11-Aug-12	23	7	\$29.11	Yes	\$1,000.00	\$970.89
1561	11-Aug-12	23	8	\$35.30	Yes	\$1,000.00	\$964.70
1562	11-Aug-12	23	9	\$32.86	Yes	\$1,000.00	\$967.14
1563	11-Aug-12	23	10	\$28.41	Yes	\$1,000.00	\$971.59
1564	11-Aug-12	23	11	\$24.12	Yes	\$1,000.00	\$975.88
1565	11-Aug-12	23	12	\$23.96	Yes	\$1,000.00	\$976.04
1566	11-Aug-12	24	1	\$30.14	Yes	\$1,000.00	\$969.86
1567	11-Aug-12	24	2	\$24.11	Yes	\$1,000.00	\$975.89
1568	11-Aug-12	24	3	\$24.02	Yes	\$1,000.00	\$975.98
1569	11-Aug-12	24	4	\$28.47	Yes	\$1,000.00	\$971.53
1570	11-Aug-12	24	5	\$24.79	Yes	\$1,000.00	\$975.21

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1571	11-Aug-12	24	6	\$23.96	Yes	\$1,000.00	\$976.04
1572	11-Aug-12	24	7	\$22.03	Yes	\$1,000.00	\$977.97
1573	11-Aug-12	24	8	\$21.33	Yes	\$1,000.00	\$978.67
1574	11-Aug-12	24	9	\$19.59	Yes	\$1,000.00	\$980.41
1575	11-Aug-12	24	10	\$20.97	Yes	\$1,000.00	\$979.03
1576	11-Aug-12	24	11	\$19.88	Yes	\$1,000.00	\$980.12
1577	11-Aug-12	24	12	\$18.70	Yes	\$1,000.00	\$981.30
1578	12-Aug-12	1	1	\$23.88	Yes	\$1,000.00	\$976.12
1579	12-Aug-12	1	2	\$22.81	Yes	\$1,000.00	\$977.19
1580	12-Aug-12	1	3	\$34.61	Yes	\$1,000.00	\$965.39
1581	12-Aug-12	1	4	\$30.80	Yes	\$1,000.00	\$969.20
1582	12-Aug-12	1	5	\$28.46	Yes	\$1,000.00	\$971.54
1583	12-Aug-12	1	6	\$28.46	Yes	\$1,000.00	\$971.54
1584	12-Aug-12	1	7	\$23.67	Yes	\$1,000.00	\$976.33
1585	12-Aug-12	1	8	\$22.94	Yes	\$1,000.00	\$977.06
1586	12-Aug-12	1	9	\$22.94	Yes	\$1,000.00	\$977.06
1587	12-Aug-12	1	10	\$23.57	Yes	\$1,000.00	\$976.43
1588	12-Aug-12	1	11	\$23.66	Yes	\$1,000.00	\$976.34
1589	12-Aug-12	1	12	\$22.73	Yes	\$1,000.00	\$977.27
1590	12-Aug-12	2	1	\$24.09	Yes	\$1,000.00	\$975.91
1591	12-Aug-12	2	2	\$27.66	Yes	\$1,000.00	\$972.34
1592	12-Aug-12	2	3	\$31.88	Yes	\$1,000.00	\$968.12
1593	12-Aug-12	2	4	\$30.41	Yes	\$1,000.00	\$969.59
1594	12-Aug-12	2	5	\$30.27	Yes	\$1,000.00	\$969.73
1595	12-Aug-12	2	6	\$30.27	Yes	\$1,000.00	\$969.73
1596	12-Aug-12	2	7	\$29.06	Yes	\$1,000.00	\$970.94
1597	12-Aug-12	2	8	\$27.03	Yes	\$1,000.00	\$972.97
1598	12-Aug-12	2	9	\$23.61	Yes	\$1,000.00	\$976.39
1599	12-Aug-12	2	10	\$23.61	Yes	\$1,000.00	\$976.39
1600	12-Aug-12	2	11	\$23.61	Yes	\$1,000.00	\$976.39
1601	12-Aug-12	2	12	\$22.73	Yes	\$1,000.00	\$977.27
1602	12-Aug-12	3	1	\$24.12	Yes	\$1,000.00	\$975.88
1603	12-Aug-12	3	2	\$28.35	Yes	\$1,000.00	\$971.65
1604	12-Aug-12	3	3	\$28.35	Yes	\$1,000.00	\$971.65
1605	12-Aug-12	3	4	\$28.32	Yes	\$1,000.00	\$971.68
1606	12-Aug-12	3	5	\$28.33	Yes	\$1,000.00	\$971.67
1607	12-Aug-12	3	6	\$28.31	Yes	\$1,000.00	\$971.69
1608	12-Aug-12	3	7	\$26.95	Yes	\$1,000.00	\$973.05
1609	12-Aug-12	3	8	\$26.84	Yes	\$1,000.00	\$973.16
1610	12-Aug-12	3	9	\$27.58	Yes	\$1,000.00	\$972.42
1611	12-Aug-12	3	10	\$25.95	Yes	\$1,000.00	\$974.05
1612	12-Aug-12	3	11	\$25.65	Yes	\$1,000.00	\$974.35
1613	12-Aug-12	3	12	\$24.51	Yes	\$1,000.00	\$975.49
1614	12-Aug-12	4	1	\$28.70	Yes	\$1,000.00	\$971.30
1615	12-Aug-12	4	2	\$28.32	Yes	\$1,000.00	\$971.68



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1616	12-Aug-12	4	3	\$28.33	Yes	\$1,000.00	\$971.67
1617	12-Aug-12	4	4	\$28.33	Yes	\$1,000.00	\$971.67
1618	12-Aug-12	4	5	\$26.97	Yes	\$1,000.00	\$973.03
1619	12-Aug-12	4	6	\$26.86	Yes	\$1,000.00	\$973.14
1620	12-Aug-12	4	7	\$26.85	Yes	\$1,000.00	\$973.15
1621	12-Aug-12	4	8	\$25.57	Yes	\$1,000.00	\$974.43
1622	12-Aug-12	4	9	\$25.56	Yes	\$1,000.00	\$974.44
1623	12-Aug-12	4	10	\$26.59	Yes	\$1,000.00	\$973.41
1624	12-Aug-12	4	11	\$23.58	Yes	\$1,000.00	\$976.42
1625	12-Aug-12	4	12	\$23.58	Yes	\$1,000.00	\$976.42
1626	12-Aug-12	5	1	\$23.43	Yes	\$1,000.00	\$976.57
1627	12-Aug-12	5	2	\$23.43	Yes	\$1,000.00	\$976.57
1628	12-Aug-12	5	3	\$26.82	Yes	\$1,000.00	\$973.18
1629	12-Aug-12	5	4	\$26.82	Yes	\$1,000.00	\$973.18
1630	12-Aug-12	5	5	\$26.82	Yes	\$1,000.00	\$973.18
1631	12-Aug-12	5	6	\$24.07	Yes	\$1,000.00	\$975.93
1632	12-Aug-12	5	7	\$23.89	Yes	\$1,000.00	\$976.11
1633	12-Aug-12	5	8	\$23.54	Yes	\$1,000.00	\$976.46
1634	12-Aug-12	5	9	\$23.54	Yes	\$1,000.00	\$976.46
1635	12-Aug-12	5	10	\$24.08	Yes	\$1,000.00	\$975.92
1636	12-Aug-12	5	11	\$23.92	Yes	\$1,000.00	\$976.08
1637	12-Aug-12	5	12	\$23.92	Yes	\$1,000.00	\$976.08
1638	12-Aug-12	6	1	\$23.52	Yes	\$1,000.00	\$976.48
1639	12-Aug-12	6	2	\$23.54	Yes	\$1,000.00	\$976.46
1640	12-Aug-12	6	3	\$23.54	Yes	\$1,000.00	\$976.46
1641	12-Aug-12	6	4	\$23.52	Yes	\$1,000.00	\$976.48
1642	12-Aug-12	6	5	\$23.52	Yes	\$1,000.00	\$976.48
1643	12-Aug-12	6	6	\$23.52	Yes	\$1,000.00	\$976.48
1644	12-Aug-12	6	7	\$23.48	Yes	\$1,000.00	\$976.52
1645	12-Aug-12	6	8	\$23.48	Yes	\$1,000.00	\$976.52
1646	12-Aug-12	6	9	\$23.48	Yes	\$1,000.00	\$976.52
1647	12-Aug-12	6	10	\$23.60	Yes	\$1,000.00	\$976.40
1648	12-Aug-12	6	11	\$23.62	Yes	\$1,000.00	\$976.38
1649	12-Aug-12	6	12	\$21.98	Yes	\$1,000.00	\$978.02
1650	12-Aug-12	7	1	\$23.97	Yes	\$1,000.00	\$976.03
1651	12-Aug-12	7	2	\$23.03	Yes	\$1,000.00	\$976.97
1652	12-Aug-12	7	3	\$23.03	Yes	\$1,000.00	\$976.97
1653	12-Aug-12	7	4	\$23.00	Yes	\$1,000.00	\$977.00
1654	12-Aug-12	7	5	\$23.00	Yes	\$1,000.00	\$977.00
1655	12-Aug-12	7	6	\$23.00	Yes	\$1,000.00	\$977.00
1656	12-Aug-12	7	7	\$23.03	Yes	\$1,000.00	\$976.97
1657	12-Aug-12	7	8	\$14.93	Yes	\$1,000.00	\$985.07
1658	12-Aug-12	7	9	\$21.06	Yes	\$1,000.00	\$978.94
1659	12-Aug-12	7	10	\$11.49	Yes	\$1,000.00	\$988.51
1660	12-Aug-12	7	11	\$8.89	Yes	\$1,000.00	\$991.11

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1661	12-Aug-12	7	12	\$22.03	Yes	\$1,000.00	\$977.97
1662	12-Aug-12	8	1	\$18.47	Yes	\$34.02	\$15.55
1663	12-Aug-12	8	2	\$18.47	Yes	\$34.02	\$15.55
1664	12-Aug-12	8	3	\$17.44	Yes	\$34.02	\$16.58
1665	12-Aug-12	8	4	\$18.53	Yes	\$34.02	\$15.49
1666	12-Aug-12	8	5	\$21.11	Yes	\$34.02	\$12.91
1667	12-Aug-12	8	6	\$21.11	Yes	\$34.02	\$12.91
1668	12-Aug-12	8	7	\$22.87	Yes	\$34.02	\$11.15
1669	12-Aug-12	8	8	\$22.65	Yes	\$34.02	\$11.37
1670	12-Aug-12	8	9	\$23.67	Yes	\$34.02	\$10.35
1671	12-Aug-12	8	10	\$23.70	Yes	\$34.02	\$10.32
1672	12-Aug-12	8	11	\$24.16	Yes	\$34.02	\$9.86
1673	12-Aug-12	8	12	\$25.22	Yes	\$34.02	\$8.80
1674	12-Aug-12	9	1	\$22.04	Yes	\$1,000.00	\$977.96
1675	12-Aug-12	9	2	\$23.10	Yes	\$1,000.00	\$976.90
1676	12-Aug-12	9	3	\$23.53	Yes	\$1,000.00	\$976.47
1677	12-Aug-12	9	4	\$23.52	Yes	\$1,000.00	\$976.48
1678	12-Aug-12	9	5	\$23.70	Yes	\$1,000.00	\$976.30
1679	12-Aug-12	9	6	\$23.81	Yes	\$1,000.00	\$976.19
1680	12-Aug-12	9	7	\$24.17	Yes	\$1,000.00	\$975.83
1681	12-Aug-12	9	8	\$24.17	Yes	\$1,000.00	\$975.83
1682	12-Aug-12	9	9	\$24.24	Yes	\$1,000.00	\$975.76
1683	12-Aug-12	9	10	\$23.88	Yes	\$1,000.00	\$976.12
1684	12-Aug-12	9	11	\$24.09	Yes	\$1,000.00	\$975.91
1685	12-Aug-12	9	12	\$24.16	Yes	\$1,000.00	\$975.84
1686	12-Aug-12	10	1	\$18.82	Yes	\$1,000.00	\$981.18
1687	12-Aug-12	10	2	\$18.82	Yes	\$1,000.00	\$981.18
1688	12-Aug-12	10	3	\$18.99	Yes	\$1,000.00	\$981.01
1689	12-Aug-12	10	4	\$19.70	Yes	\$1,000.00	\$980.30
1690	12-Aug-12	10	5	\$19.70	Yes	\$1,000.00	\$980.30
1691	12-Aug-12	10	6	\$22.39	Yes	\$1,000.00	\$977.61
1692	12-Aug-12	10	7	\$23.20	Yes	\$1,000.00	\$976.80
1693	12-Aug-12	10	8	\$23.74	Yes	\$1,000.00	\$976.26
1694	12-Aug-12	10	9	\$24.09	Yes	\$1,000.00	\$975.91
1695	12-Aug-12	10	10	\$23.77	Yes	\$1,000.00	\$976.23
1696	12-Aug-12	10	11	\$23.95	Yes	\$1,000.00	\$976.05
1697	12-Aug-12	10	12	\$24.08	Yes	\$1,000.00	\$975.92
1698	12-Aug-12	11	1	\$23.79	Yes	\$1,000.00	\$976.21
1699	12-Aug-12	11	2	\$23.92	Yes	\$1,000.00	\$976.08
1700	12-Aug-12	11	3	\$23.92	Yes	\$1,000.00	\$976.08
1701	12-Aug-12	11	4	\$24.50	Yes	\$1,000.00	\$975.50
1702	12-Aug-12	11	5	\$24.06	Yes	\$1,000.00	\$975.94
1703	12-Aug-12	11	6	\$27.51	Yes	\$1,000.00	\$972.49
1704	12-Aug-12	11	7	\$28.57	Yes	\$1,000.00	\$971.43
1705	12-Aug-12	11	8	\$30.34	Yes	\$1,000.00	\$969.66

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1706	12-Aug-12	11	9	\$30.77	Yes	\$1,000.00	\$969.23
1707	12-Aug-12	11	10	\$37.55	Yes	\$1,000.00	\$962.45
1708	12-Aug-12	11	11	\$36.47	Yes	\$1,000.00	\$963.53
1709	12-Aug-12	11	12	\$37.55	Yes	\$1,000.00	\$962.45
1710	12-Aug-12	12	1	\$34.09	Yes	\$1,000.00	\$965.91
1711	12-Aug-12	12	2	\$26.70	Yes	\$1,000.00	\$973.30
1712	12-Aug-12	12	3	\$28.26	Yes	\$1,000.00	\$971.74
1713	12-Aug-12	12	4	\$31.31	Yes	\$1,000.00	\$968.69
1714	12-Aug-12	12	5	\$29.69	Yes	\$1,000.00	\$970.31
1715	12-Aug-12	12	6	\$29.80	Yes	\$1,000.00	\$970.20
1716	12-Aug-12	12	7	\$31.32	Yes	\$1,000.00	\$968.68
1717	12-Aug-12	12	8	\$38.90	Yes	\$1,000.00	\$961.10
1718	12-Aug-12	12	9	\$35.53	Yes	\$1,000.00	\$964.47
1719	12-Aug-12	12	10	\$33.90	Yes	\$1,000.00	\$966.10
1720	12-Aug-12	12	11	\$34.71	Yes	\$1,000.00	\$965.29
1721	12-Aug-12	12	12	\$39.90	Yes	\$1,000.00	\$960.10
1722	12-Aug-12	13	1	\$28.31	Yes	\$1,000.00	\$971.69
1723	12-Aug-12	13	2	\$26.65	Yes	\$1,000.00	\$973.35
1724	12-Aug-12	13	3	\$25.21	Yes	\$1,000.00	\$974.79
1725	12-Aug-12	13	4	\$26.79	Yes	\$1,000.00	\$973.21
1726	12-Aug-12	13	5	\$27.61	Yes	\$1,000.00	\$972.39
1727	12-Aug-12	13	6	\$29.66	Yes	\$1,000.00	\$970.34
1728	12-Aug-12	13	7	\$30.36	Yes	\$1,000.00	\$969.64
1729	12-Aug-12	13	8	\$30.13	Yes	\$1,000.00	\$969.87
1730	12-Aug-12	13	9	\$30.30	Yes	\$1,000.00	\$969.70
1731	12-Aug-12	13	10	\$161.23	Yes	\$1,000.00	\$838.77
1732	12-Aug-12	13	11	\$32.12	Yes	\$1,000.00	\$967.88
1733	12-Aug-12	13	12	\$32.91	Yes	\$1,000.00	\$967.09
1734	12-Aug-12	14	1	\$31.45	Yes	\$1,000.00	\$968.55
1735	12-Aug-12	14	2	\$31.49	Yes	\$1,000.00	\$968.51
1736	12-Aug-12	14	3	\$31.49	Yes	\$1,000.00	\$968.51
1737	12-Aug-12	14	4	\$33.93	Yes	\$1,000.00	\$966.07
1738	12-Aug-12	14	5	\$33.93	Yes	\$1,000.00	\$966.07
1739	12-Aug-12	14	6	\$32.77	Yes	\$1,000.00	\$967.23
1740	12-Aug-12	14	7	\$32.74	Yes	\$1,000.00	\$967.26
1741	12-Aug-12	14	8	\$33.89	Yes	\$1,000.00	\$966.11
1742	12-Aug-12	14	9	\$34.54	Yes	\$1,000.00	\$965.46
1743	12-Aug-12	14	10	\$34.05	Yes	\$1,000.00	\$965.95
1744	12-Aug-12	14	11	\$34.61	Yes	\$1,000.00	\$965.39
1745	12-Aug-12	14	12	\$35.16	Yes	\$1,000.00	\$964.84
1746	12-Aug-12	15	1	\$32.88	Yes	\$1,000.00	\$967.12
1747	12-Aug-12	15	2	\$32.61	Yes	\$1,000.00	\$967.39
1748	12-Aug-12	15	3	\$33.00	Yes	\$1,000.00	\$967.00
1749	12-Aug-12	15	4	\$33.81	Yes	\$1,000.00	\$966.19
1750	12-Aug-12	15	5	\$33.81	Yes	\$1,000.00	\$966.19

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1751	12-Aug-12	15	6	\$33.81	Yes	\$1,000.00	\$966.19
1752	12-Aug-12	15	7	\$34.32	Yes	\$1,000.00	\$965.68
1753	12-Aug-12	15	8	\$35.14	Yes	\$1,000.00	\$964.86
1754	12-Aug-12	15	9	\$41.34	Yes	\$1,000.00	\$958.66
1755	12-Aug-12	15	10	\$35.16	Yes	\$1,000.00	\$964.84
1756	12-Aug-12	15	11	\$35.22	Yes	\$1,000.00	\$964.78
1757	12-Aug-12	15	12	\$35.22	Yes	\$1,000.00	\$964.78
1758	12-Aug-12	16	1	\$36.29	Yes	\$1,000.00	\$963.71
1759	12-Aug-12	16	2	\$34.52	Yes	\$1,000.00	\$965.48
1760	12-Aug-12	16	3	\$34.78	Yes	\$1,000.00	\$965.22
1761	12-Aug-12	16	4	\$35.37	Yes	\$1,000.00	\$964.63
1762	12-Aug-12	16	5	\$35.66	Yes	\$1,000.00	\$964.34
1763	12-Aug-12	16	6	\$35.85	Yes	\$1,000.00	\$964.15
1764	12-Aug-12	16	7	\$35.87	Yes	\$1,000.00	\$964.13
1765	12-Aug-12	16	8	\$35.69	Yes	\$1,000.00	\$964.31
1766	12-Aug-12	16	9	\$35.74	Yes	\$1,000.00	\$964.26
1767	12-Aug-12	16	10	\$35.86	Yes	\$1,000.00	\$964.14
1768	12-Aug-12	16	11	\$35.67	Yes	\$1,000.00	\$964.33
1769	12-Aug-12	16	12	\$35.55	Yes	\$1,000.00	\$964.45
1770	12-Aug-12	17	1	\$34.70	Yes	\$1,000.00	\$965.30
1771	12-Aug-12	17	2	\$34.70	Yes	\$1,000.00	\$965.30
1772	12-Aug-12	17	3	\$34.70	Yes	\$1,000.00	\$965.30
1773	12-Aug-12	17	4	\$34.67	Yes	\$1,000.00	\$965.33
1774	12-Aug-12	17	5	\$34.96	Yes	\$1,000.00	\$965.04
1775	12-Aug-12	17	6	\$35.04	Yes	\$1,000.00	\$964.96
1776	12-Aug-12	17	7	\$34.93	Yes	\$1,000.00	\$965.07
1777	12-Aug-12	17	8	\$35.01	Yes	\$1,000.00	\$964.99
1778	12-Aug-12	17	9	\$34.98	Yes	\$1,000.00	\$965.02
1779	12-Aug-12	17	10	\$35.08	Yes	\$1,000.00	\$964.92
1780	12-Aug-12	17	11	\$34.70	Yes	\$1,000.00	\$965.30
1781	12-Aug-12	17	12	\$34.74	Yes	\$1,000.00	\$965.26
1782	12-Aug-12	18	1	\$34.59	Yes	\$1,000.00	\$965.41
1783	12-Aug-12	18	2	\$34.81	Yes	\$1,000.00	\$965.19
1784	12-Aug-12	18	3	\$34.81	Yes	\$1,000.00	\$965.19
1785	12-Aug-12	18	4	\$34.88	Yes	\$1,000.00	\$965.12
1786	12-Aug-12	18	5	\$34.88	Yes	\$1,000.00	\$965.12
1787	12-Aug-12	18	6	\$34.88	Yes	\$1,000.00	\$965.12
1788	12-Aug-12	18	7	\$34.94	Yes	\$1,000.00	\$965.06
1789	12-Aug-12	18	8	\$34.66	Yes	\$1,000.00	\$965.34
1790	12-Aug-12	18	9	\$34.74	Yes	\$1,000.00	\$965.26
1791	12-Aug-12	18	10	\$34.84	Yes	\$1,000.00	\$965.17
1792	12-Aug-12	18	11	\$34.84	Yes	\$1,000.00	\$965.17
1793	12-Aug-12	18	12	\$35.34	Yes	\$1,000.00	\$964.66
1794	12-Aug-12	19	1	\$40.80	Yes	\$1,000.00	\$959.20
1795	12-Aug-12	19	2	\$51.82	Yes	\$1,000.00	\$948.18

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1796	12-Aug-12	19	3	\$55.34	Yes	\$1,000.00	\$944.66
1797	12-Aug-12	19	4	\$40.62	Yes	\$1,000.00	\$959.38
1798	12-Aug-12	19	5	\$39.92	Yes	\$1,000.00	\$960.08
1799	12-Aug-12	19	6	\$38.95	Yes	\$1,000.00	\$961.05
1800	12-Aug-12	19	7	\$35.74	Yes	\$1,000.00	\$964.26
1801	12-Aug-12	19	8	\$35.13	Yes	\$1,000.00	\$964.87
1802	12-Aug-12	19	9	\$34.71	Yes	\$1,000.00	\$965.29
1803	12-Aug-12	19	10	\$34.09	Yes	\$1,000.00	\$965.91
1804	12-Aug-12	19	11	\$33.87	Yes	\$1,000.00	\$966.13
1805	12-Aug-12	19	12	\$33.87	Yes	\$1,000.00	\$966.13
1806	12-Aug-12	20	1	\$34.11	Yes	\$1,000.00	\$965.89
1807	12-Aug-12	20	2	\$34.11	Yes	\$1,000.00	\$965.89
1808	12-Aug-12	20	3	\$34.11	Yes	\$1,000.00	\$965.89
1809	12-Aug-12	20	4	\$33.81	Yes	\$1,000.00	\$966.19
1810	12-Aug-12	20	5	\$33.81	Yes	\$1,000.00	\$966.19
1811	12-Aug-12	20	6	\$33.81	Yes	\$1,000.00	\$966.19
1812	12-Aug-12	20	7	\$33.88	Yes	\$1,000.00	\$966.12
1813	12-Aug-12	20	8	\$34.01	Yes	\$1,000.00	\$965.99
1814	12-Aug-12	20	9	\$34.01	Yes	\$1,000.00	\$965.99
1815	12-Aug-12	20	10	\$33.80	Yes	\$1,000.00	\$966.20
1816	12-Aug-12	20	11	\$33.80	Yes	\$1,000.00	\$966.20
1817	12-Aug-12	20	12	\$33.65	Yes	\$1,000.00	\$966.35
1818	12-Aug-12	21	1	\$36.88	Yes	\$1,000.00	\$963.12
1819	12-Aug-12	21	2	\$37.28	Yes	\$1,000.00	\$962.72
1820	12-Aug-12	21	3	\$37.70	Yes	\$1,000.00	\$962.30
1821	12-Aug-12	21	4	\$37.97	Yes	\$1,000.00	\$962.03
1822	12-Aug-12	21	5	\$37.97	Yes	\$1,000.00	\$962.03
1823	12-Aug-12	21	6	\$37.66	Yes	\$1,000.00	\$962.34
1824	12-Aug-12	21	7	\$37.67	Yes	\$1,000.00	\$962.33
1825	12-Aug-12	21	8	\$37.66	Yes	\$1,000.00	\$962.34
1826	12-Aug-12	21	9	\$37.66	Yes	\$1,000.00	\$962.34
1827	12-Aug-12	21	10	\$36.66	Yes	\$1,000.00	\$963.34
1828	12-Aug-12	21	11	\$34.76	Yes	\$1,000.00	\$965.24
1829	12-Aug-12	21	12	\$33.68	Yes	\$1,000.00	\$966.32
1830	12-Aug-12	22	1	\$34.19	Yes	\$1,000.00	\$965.81
1831	12-Aug-12	22	2	\$34.19	Yes	\$1,000.00	\$965.81
1832	12-Aug-12	22	3	\$38.29	Yes	\$1,000.00	\$961.71
1833	12-Aug-12	22	4	\$38.12	Yes	\$1,000.00	\$961.88
1834	12-Aug-12	22	5	\$35.79	Yes	\$1,000.00	\$964.21
1835	12-Aug-12	22	6	\$34.55	Yes	\$1,000.00	\$965.45
1836	12-Aug-12	22	7	\$34.46	Yes	\$1,000.00	\$965.54
1837	12-Aug-12	22	8	\$33.72	Yes	\$1,000.00	\$966.28
1838	12-Aug-12	22	9	\$33.35	Yes	\$1,000.00	\$966.65
1839	12-Aug-12	22	10	\$33.67	Yes	\$1,000.00	\$966.33
1840	12-Aug-12	22	11	\$32.37	Yes	\$1,000.00	\$967.63

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1841	12-Aug-12	22	12	\$28.14	Yes	\$1,000.00	\$971.86
1842	12-Aug-12	23	1	\$35.13	Yes	\$1,000.00	\$964.87
1843	12-Aug-12	23	2	\$33.52	Yes	\$1,000.00	\$966.48
1844	12-Aug-12	23	3	\$39.30	Yes	\$1,000.00	\$960.70
1845	12-Aug-12	23	4	\$39.06	Yes	\$1,000.00	\$960.94
1846	12-Aug-12	23	5	\$39.06	Yes	\$1,000.00	\$960.94
1847	12-Aug-12	23	6	\$34.40	Yes	\$1,000.00	\$965.60
1848	12-Aug-12	23	7	\$34.55	Yes	\$1,000.00	\$965.45
1849	12-Aug-12	23	8	\$31.87	Yes	\$1,000.00	\$968.13
1850	12-Aug-12	23	9	\$30.64	Yes	\$1,000.00	\$969.36
1851	12-Aug-12	23	10	\$29.93	Yes	\$1,000.00	\$970.07
1852	12-Aug-12	23	11	\$29.64	Yes	\$1,000.00	\$970.36
1853	12-Aug-12	23	12	\$29.93	Yes	\$1,000.00	\$970.07
1854	12-Aug-12	24	1	\$32.66	Yes	\$1,000.00	\$967.34
1855	12-Aug-12	24	2	\$32.40	Yes	\$1,000.00	\$967.60
1856	12-Aug-12	24	3	\$28.40	Yes	\$1,000.00	\$971.60
1857	12-Aug-12	24	4	\$32.22	Yes	\$1,000.00	\$967.78
1858	12-Aug-12	24	5	\$31.97	Yes	\$1,000.00	\$968.03
1859	12-Aug-12	24	6	\$30.15	Yes	\$1,000.00	\$969.85
1860	12-Aug-12	24	7	\$24.08	Yes	\$1,000.00	\$975.92
1861	12-Aug-12	24	8	\$28.38	Yes	\$1,000.00	\$971.62
1862	12-Aug-12	24	9	\$28.38	Yes	\$1,000.00	\$971.62
1863	12-Aug-12	24	10	\$23.59	Yes	\$1,000.00	\$976.41
1864	12-Aug-12	24	11	\$23.84	Yes	\$1,000.00	\$976.16
1865	12-Aug-12	24	12	\$19.99	Yes	\$1,000.00	\$980.01
1866	13-Aug-12	1	1	\$31.16	Yes	\$1,000.00	\$968.84
1867	13-Aug-12	1	2	\$31.16	Yes	\$1,000.00	\$968.84
1868	13-Aug-12	1	3	\$31.16	Yes	\$1,000.00	\$968.84
1869	13-Aug-12	1	4	\$31.12	Yes	\$1,000.00	\$968.88
1870	13-Aug-12	1	5	\$31.12	Yes	\$1,000.00	\$968.88
1871	13-Aug-12	1	6	\$30.89	Yes	\$1,000.00	\$969.11
1872	13-Aug-12	1	7	\$27.88	Yes	\$1,000.00	\$972.12
1873	13-Aug-12	1	8	\$27.88	Yes	\$1,000.00	\$972.12
1874	13-Aug-12	1	9	\$27.88	Yes	\$1,000.00	\$972.12
1875	13-Aug-12	1	10	\$24.10	Yes	\$1,000.00	\$975.90
1876	13-Aug-12	1	11	\$24.10	Yes	\$1,000.00	\$975.90
1877	13-Aug-12	1	12	\$24.10	Yes	\$1,000.00	\$975.90
1878	13-Aug-12	2	1	\$27.97	Yes	\$1,000.00	\$972.03
1879	13-Aug-12	2	2	\$28.36	Yes	\$1,000.00	\$971.64
1880	13-Aug-12	2	3	\$28.69	Yes	\$1,000.00	\$971.31
1881	13-Aug-12	2	4	\$28.03	Yes	\$1,000.00	\$971.97
1882	13-Aug-12	2	5	\$27.05	Yes	\$1,000.00	\$972.95
1883	13-Aug-12	2	6	\$26.14	Yes	\$1,000.00	\$973.86
1884	13-Aug-12	2	7	\$25.96	Yes	\$1,000.00	\$974.04
1885	13-Aug-12	2	8	\$25.66	Yes	\$1,000.00	\$974.34

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1886	13-Aug-12	2	9	\$27.03	Yes	\$1,000.00	\$972.97
1887	13-Aug-12	2	10	\$26.99	Yes	\$1,000.00	\$973.01
1888	13-Aug-12	2	11	\$25.65	Yes	\$1,000.00	\$974.35
1889	13-Aug-12	2	12	\$24.09	Yes	\$1,000.00	\$975.91
1890	13-Aug-12	3	1	\$26.98	Yes	\$1,000.00	\$973.02
1891	13-Aug-12	3	2	\$26.98	Yes	\$1,000.00	\$973.02
1892	13-Aug-12	3	3	\$24.64	Yes	\$1,000.00	\$975.36
1893	13-Aug-12	3	4	\$23.82	Yes	\$1,000.00	\$976.18
1894	13-Aug-12	3	5	\$23.67	Yes	\$1,000.00	\$976.33
1895	13-Aug-12	3	6	\$23.67	Yes	\$1,000.00	\$976.33
1896	13-Aug-12	3	7	\$23.58	Yes	\$1,000.00	\$976.42
1897	13-Aug-12	3	8	\$23.60	Yes	\$1,000.00	\$976.40
1898	13-Aug-12	3	9	\$23.57	Yes	\$1,000.00	\$976.43
1899	13-Aug-12	3	10	\$23.52	Yes	\$1,000.00	\$976.48
1900	13-Aug-12	3	11	\$23.52	Yes	\$1,000.00	\$976.48
1901	13-Aug-12	3	12	\$23.44	Yes	\$1,000.00	\$976.56
1902	13-Aug-12	4	1	\$24.00	Yes	\$1,000.00	\$976.00
1903	13-Aug-12	4	2	\$23.99	Yes	\$1,000.00	\$976.01
1904	13-Aug-12	4	3	\$23.99	Yes	\$1,000.00	\$976.01
1905	13-Aug-12	4	4	\$24.00	Yes	\$1,000.00	\$976.00
1906	13-Aug-12	4	5	\$24.00	Yes	\$1,000.00	\$976.00
1907	13-Aug-12	4	6	\$24.00	Yes	\$1,000.00	\$976.00
1908	13-Aug-12	4	7	\$24.00	Yes	\$1,000.00	\$976.00
1909	13-Aug-12	4	8	\$24.00	Yes	\$1,000.00	\$976.00
1910	13-Aug-12	4	9	\$24.00	Yes	\$1,000.00	\$976.00
1911	13-Aug-12	4	10	\$24.01	Yes	\$1,000.00	\$975.99
1912	13-Aug-12	4	11	\$24.01	Yes	\$1,000.00	\$975.99
1913	13-Aug-12	4	12	\$24.00	Yes	\$1,000.00	\$976.00
1914	13-Aug-12	5	1	\$24.00	Yes	\$34.02	\$10.02
1915	13-Aug-12	5	2	\$24.00	Yes	\$34.02	\$10.02
1916	13-Aug-12	5	3	\$24.01	Yes	\$34.02	\$10.01
1917	13-Aug-12	5	4	\$24.02	Yes	\$34.02	\$10.00
1918	13-Aug-12	5	5	\$24.02	Yes	\$34.02	\$10.00
1919	13-Aug-12	5	6	\$24.02	Yes	\$34.02	\$10.00
1920	13-Aug-12	5	7	\$24.00	Yes	\$34.02	\$10.02
1921	13-Aug-12	5	8	\$24.01	Yes	\$34.02	\$10.01
1922	13-Aug-12	5	9	\$24.01	Yes	\$34.02	\$10.01
1923	13-Aug-12	5	10	\$22.83	Yes	\$34.02	\$11.19
1924	13-Aug-12	5	11	\$24.01	Yes	\$34.02	\$10.01
1925	13-Aug-12	5	12	\$24.08	Yes	\$34.02	\$9.94
1926	13-Aug-12	6	1	\$23.72	Yes	\$34.02	\$10.30
1927	13-Aug-12	6	2	\$23.87	Yes	\$34.02	\$10.15
1928	13-Aug-12	6	3	\$23.87	Yes	\$34.02	\$10.15
1929	13-Aug-12	6	4	\$23.92	Yes	\$34.02	\$10.10
1930	13-Aug-12	6	5	\$23.98	Yes	\$34.02	\$10.04

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1931	13-Aug-12	6	6	\$24.01	Yes	\$34.02	\$10.01
1932	13-Aug-12	6	7	\$24.15	Yes	\$34.02	\$9.87
1933	13-Aug-12	6	8	\$24.15	Yes	\$34.02	\$9.87
1934	13-Aug-12	6	9	\$24.77	Yes	\$34.02	\$9.25
1935	13-Aug-12	6	10	\$25.70	Yes	\$34.02	\$8.32
1936	13-Aug-12	6	11	\$24.83	Yes	\$34.02	\$9.19
1937	13-Aug-12	6	12	\$24.73	Yes	\$34.02	\$9.29
1938	13-Aug-12	7	1	\$19.46	Yes	\$1,000.00	\$980.54
1939	13-Aug-12	7	2	\$22.90	Yes	\$1,000.00	\$977.10
1940	13-Aug-12	7	3	\$22.90	Yes	\$1,000.00	\$977.10
1941	13-Aug-12	7	4	\$23.68	Yes	\$1,000.00	\$976.32
1942	13-Aug-12	7	5	\$23.71	Yes	\$1,000.00	\$976.29
1943	13-Aug-12	7	6	\$23.79	Yes	\$1,000.00	\$976.21
1944	13-Aug-12	7	7	\$23.87	Yes	\$1,000.00	\$976.13
1945	13-Aug-12	7	8	\$23.26	Yes	\$1,000.00	\$976.74
1946	13-Aug-12	7	9	\$23.94	Yes	\$1,000.00	\$976.06
1947	13-Aug-12	7	10	\$23.99	Yes	\$1,000.00	\$976.01
1948	13-Aug-12	7	11	\$23.99	Yes	\$1,000.00	\$976.01
1949	13-Aug-12	7	12	\$25.78	Yes	\$1,000.00	\$974.22
1950	13-Aug-12	8	1	\$20.65	Yes	\$1,000.00	\$979.35
1951	13-Aug-12	8	2	\$22.56	Yes	\$1,000.00	\$977.44
1952	13-Aug-12	8	3	\$22.56	Yes	\$1,000.00	\$977.44
1953	13-Aug-12	8	4	\$21.07	Yes	\$1,000.00	\$978.93
1954	13-Aug-12	8	5	\$21.07	Yes	\$1,000.00	\$978.93
1955	13-Aug-12	8	6	\$27.02	Yes	\$1,000.00	\$972.98
1956	13-Aug-12	8	7	\$23.89	Yes	\$1,000.00	\$976.11
1957	13-Aug-12	8	8	\$23.89	Yes	\$1,000.00	\$976.11
1958	13-Aug-12	8	9	\$23.89	Yes	\$1,000.00	\$976.11
1959	13-Aug-12	8	10	\$27.10	Yes	\$1,000.00	\$972.90
1960	13-Aug-12	8	11	\$29.74	Yes	\$1,000.00	\$970.26
1961	13-Aug-12	8	12	\$27.02	Yes	\$1,000.00	\$972.98
1962	13-Aug-12	9	1	\$20.97	Yes	\$1,000.00	\$979.03
1963	13-Aug-12	9	2	\$23.48	Yes	\$1,000.00	\$976.52
1964	13-Aug-12	9	3	\$22.07	Yes	\$1,000.00	\$977.93
1965	13-Aug-12	9	4	\$21.19	Yes	\$1,000.00	\$978.81
1966	13-Aug-12	9	5	\$23.85	Yes	\$1,000.00	\$976.15
1967	13-Aug-12	9	6	\$29.18	Yes	\$1,000.00	\$970.82
1968	13-Aug-12	9	7	\$30.01	Yes	\$1,000.00	\$969.99
1969	13-Aug-12	9	8	\$29.08	Yes	\$1,000.00	\$970.92
1970	13-Aug-12	9	9	\$30.01	Yes	\$1,000.00	\$969.99
1971	13-Aug-12	9	10	\$31.96	Yes	\$1,000.00	\$968.04
1972	13-Aug-12	9	11	\$37.42	Yes	\$1,000.00	\$962.58
1973	13-Aug-12	9	12	\$37.90	Yes	\$1,000.00	\$962.10
1974	13-Aug-12	10	1	\$31.37	Yes	\$1,000.00	\$968.63
1975	13-Aug-12	10	2	\$39.00	Yes	\$1,000.00	\$961.00



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1976	13-Aug-12	10	3	\$36.38	Yes	\$1,000.00	\$963.62
1977	13-Aug-12	10	4	\$35.37	Yes	\$1,000.00	\$964.63
1978	13-Aug-12	10	5	\$35.22	Yes	\$1,000.00	\$964.78
1979	13-Aug-12	10	6	\$35.31	Yes	\$1,000.00	\$964.69
1980	13-Aug-12	10	7	\$32.88	Yes	\$1,000.00	\$967.12
1981	13-Aug-12	10	8	\$37.94	Yes	\$1,000.00	\$962.06
1982	13-Aug-12	10	9	\$46.33	Yes	\$1,000.00	\$953.67
1983	13-Aug-12	10	10	\$40.80	Yes	\$1,000.00	\$959.20
1984	13-Aug-12	10	11	\$39.60	Yes	\$1,000.00	\$960.40
1985	13-Aug-12	10	12	\$41.16	Yes	\$1,000.00	\$958.84
1986	13-Aug-12	11	1	\$34.38	Yes	\$1,000.00	\$965.62
1987	13-Aug-12	11	2	\$35.30	Yes	\$1,000.00	\$964.70
1988	13-Aug-12	11	3	\$34.75	Yes	\$1,000.00	\$965.25
1989	13-Aug-12	11	4	\$35.68	Yes	\$1,000.00	\$964.32
1990	13-Aug-12	11	5	\$36.04	Yes	\$1,000.00	\$963.96
1991	13-Aug-12	11	6	\$36.04	Yes	\$1,000.00	\$963.96
1992	13-Aug-12	11	7	\$36.02	Yes	\$1,000.00	\$963.98
1993	13-Aug-12	11	8	\$37.47	Yes	\$1,000.00	\$962.53
1994	13-Aug-12	11	9	\$39.28	Yes	\$1,000.00	\$960.72
1995	13-Aug-12	11	10	\$36.05	Yes	\$1,000.00	\$963.95
1996	13-Aug-12	11	11	\$36.93	Yes	\$1,000.00	\$963.07
1997	13-Aug-12	11	12	\$40.38	Yes	\$1,000.00	\$959.62
1998	13-Aug-12	12	1	\$35.21	Yes	\$1,000.00	\$964.79
1999	13-Aug-12	12	2	\$36.31	Yes	\$1,000.00	\$963.69
2000	13-Aug-12	12	3	\$36.39	Yes	\$1,000.00	\$963.61
2001	13-Aug-12	12	4	\$39.14	Yes	\$1,000.00	\$960.86
2002	13-Aug-12	12	5	\$39.44	Yes	\$1,000.00	\$960.56
2003	13-Aug-12	12	6	\$41.80	Yes	\$1,000.00	\$958.20
2004	13-Aug-12	12	7	\$50.68	Yes	\$1,000.00	\$949.32
2005	13-Aug-12	12	8	\$54.85	Yes	\$1,000.00	\$945.15
2006	13-Aug-12	12	9	\$60.70	Yes	\$1,000.00	\$939.30
2007	13-Aug-12	12	10	\$63.19	Yes	\$1,000.00	\$936.81
2008	13-Aug-12	12	11	\$73.26	Yes	\$1,000.00	\$926.74
2009	13-Aug-12	12	12	\$78.09	Yes	\$1,000.00	\$921.91
2010	13-Aug-12	13	1	\$42.45	Yes	\$1,000.00	\$957.55
2011	13-Aug-12	13	2	\$44.46	Yes	\$1,000.00	\$955.54
2012	13-Aug-12	13	3	\$57.34	Yes	\$1,000.00	\$942.66
2013	13-Aug-12	13	4	\$40.91	Yes	\$1,000.00	\$959.09
2014	13-Aug-12	13	5	\$40.83	Yes	\$1,000.00	\$959.17
2015	13-Aug-12	13	6	\$40.85	Yes	\$1,000.00	\$959.15
2016	13-Aug-12	13	7	\$40.82	Yes	\$1,000.00	\$959.18
2017	13-Aug-12	13	8	\$41.46	Yes	\$1,000.00	\$958.54
2018	13-Aug-12	13	9	\$50.49	Yes	\$1,000.00	\$949.51
2019	13-Aug-12	13	10	\$47.37	Yes	\$1,000.00	\$952.63
2020	13-Aug-12	13	11	\$54.02	Yes	\$1,000.00	\$945.98

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2021	13-Aug-12	13	12	\$50.80	Yes	\$1,000.00	\$949.20
2022	13-Aug-12	14	1	\$40.51	Yes	\$1,000.00	\$959.49
2023	13-Aug-12	14	2	\$41.04	Yes	\$1,000.00	\$958.96
2024	13-Aug-12	14	3	\$41.31	Yes	\$1,000.00	\$958.69
2025	13-Aug-12	14	4	\$44.31	Yes	\$1,000.00	\$955.69
2026	13-Aug-12	14	5	\$47.24	Yes	\$1,000.00	\$952.76
2027	13-Aug-12	14	6	\$50.01	Yes	\$1,000.00	\$949.99
2028	13-Aug-12	14	7	\$46.07	Yes	\$1,000.00	\$953.93
2029	13-Aug-12	14	8	\$46.22	Yes	\$1,000.00	\$953.78
2030	13-Aug-12	14	9	\$46.22	Yes	\$1,000.00	\$953.78
2031	13-Aug-12	14	10	\$139.86	Yes	\$1,000.00	\$860.14
2032	13-Aug-12	14	11	\$139.86	Yes	\$1,000.00	\$860.14
2033	13-Aug-12	14	12	\$134.13	Yes	\$1,000.00	\$865.87
2034	13-Aug-12	15	1	\$45.97	Yes	\$1,000.00	\$954.03
2035	13-Aug-12	15	2	\$42.54	Yes	\$1,000.00	\$957.46
2036	13-Aug-12	15	3	\$47.00	Yes	\$1,000.00	\$953.00
2037	13-Aug-12	15	4	\$133.84	Yes	\$1,000.00	\$866.16
2038	13-Aug-12	15	5	\$139.48	Yes	\$1,000.00	\$860.52
2039	13-Aug-12	15	6	\$144.85	Yes	\$1,000.00	\$855.15
2040	13-Aug-12	15	7	\$604.94	Yes	\$1,000.00	\$395.06
2041	13-Aug-12	15	8	\$196.51	Yes	\$1,000.00	\$803.49
2042	13-Aug-12	15	9	\$257.58	Yes	\$1,000.00	\$742.42
2043	13-Aug-12	15	10	\$914.96	Yes	\$1,000.00	\$85.04
2044	13-Aug-12	15	11	\$908.22	Yes	\$1,000.00	\$91.78
2045	13-Aug-12	15	12	\$908.22	Yes	\$1,000.00	\$91.78
2046	13-Aug-12	16	1	\$903.58	Yes	\$1,000.00	\$96.42
2047	13-Aug-12	16	2	\$903.58	Yes	\$1,000.00	\$96.42
2048	13-Aug-12	16	3	\$1,000.00	Yes	\$1,000.00	\$0.00
2049	13-Aug-12	16	4	\$605.75	Yes	\$1,000.00	\$394.25
2050	13-Aug-12	16	5	\$903.45	Yes	\$1,000.00	\$96.55
2051	13-Aug-12	16	6	\$903.45	Yes	\$1,000.00	\$96.55
2052	13-Aug-12	16	7	\$903.14	Yes	\$1,000.00	\$96.86
2053	13-Aug-12	16	8	\$903.14	Yes	\$1,000.00	\$96.86
2054	13-Aug-12	16	9	\$903.14	Yes	\$1,000.00	\$96.86
2055	13-Aug-12	16	10	\$902.41	Yes	\$1,000.00	\$97.59
2056	13-Aug-12	16	11	\$908.89	Yes	\$1,000.00	\$91.11
2057	13-Aug-12	16	12	\$902.41	Yes	\$1,000.00	\$97.59
2058	13-Aug-12	17	1	\$630.78	Yes	\$1,000.00	\$369.22
2059	13-Aug-12	17	2	\$896.78	Yes	\$1,000.00	\$103.22
2060	13-Aug-12	17	3	\$46.82	Yes	\$1,000.00	\$953.18
2061	13-Aug-12	17	4	\$253.22	Yes	\$1,000.00	\$746.78
2062	13-Aug-12	17	5	\$895.08	Yes	\$1,000.00	\$104.92
2063	13-Aug-12	17	6	\$61.01	Yes	\$1,000.00	\$938.99
2064	13-Aug-12	17	7	\$42.32	Yes	\$1,000.00	\$957.68
2065	13-Aug-12	17	8	\$34.99	Yes	\$1,000.00	\$965.01

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2066	13-Aug-12	17	9	\$33.12	Yes	\$1,000.00	\$966.88
2067	13-Aug-12	17	10	\$46.89	Yes	\$1,000.00	\$953.11
2068	13-Aug-12	17	11	\$121.81	Yes	\$1,000.00	\$878.19
2069	13-Aug-12	17	12	\$888.37	Yes	\$1,000.00	\$111.63
2070	13-Aug-12	18	1	\$58.56	Yes	\$1,000.00	\$941.44
2071	13-Aug-12	18	2	\$66.18	Yes	\$1,000.00	\$933.82
2072	13-Aug-12	18	3	\$58.56	Yes	\$1,000.00	\$941.44
2073	13-Aug-12	18	4	\$121.99	Yes	\$1,000.00	\$878.01
2074	13-Aug-12	18	5	\$990.40	Yes	\$1,000.00	\$9.60
2075	13-Aug-12	18	6	\$40.09	Yes	\$1,000.00	\$959.91
2076	13-Aug-12	18	7	\$136.03	Yes	\$1,000.00	\$863.97
2077	13-Aug-12	18	8	\$58.29	Yes	\$1,000.00	\$941.71
2078	13-Aug-12	18	9	\$347.17	Yes	\$1,000.00	\$652.83
2079	13-Aug-12	18	10	\$58.32	Yes	\$1,000.00	\$941.68
2080	13-Aug-12	18	11	\$39.32	Yes	\$1,000.00	\$960.68
2081	13-Aug-12	18	12	\$38.87	Yes	\$1,000.00	\$961.13
2082	13-Aug-12	19	1	\$35.80	Yes	\$1,000.00	\$964.20
2083	13-Aug-12	19	2	\$34.82	Yes	\$1,000.00	\$965.18
2084	13-Aug-12	19	3	\$34.95	Yes	\$1,000.00	\$965.05
2085	13-Aug-12	19	4	\$39.48	Yes	\$1,000.00	\$960.52
2086	13-Aug-12	19	5	\$36.21	Yes	\$1,000.00	\$963.79
2087	13-Aug-12	19	6	\$35.44	Yes	\$1,000.00	\$964.56
2088	13-Aug-12	19	7	\$37.01	Yes	\$1,000.00	\$962.99
2089	13-Aug-12	19	8	\$37.01	Yes	\$1,000.00	\$962.99
2090	13-Aug-12	19	9	\$58.21	Yes	\$1,000.00	\$941.79
2091	13-Aug-12	19	10	\$35.12	Yes	\$1,000.00	\$964.88
2092	13-Aug-12	19	11	\$36.38	Yes	\$1,000.00	\$963.62
2093	13-Aug-12	19	12	\$35.88	Yes	\$1,000.00	\$964.12
2094	13-Aug-12	20	1	\$36.89	Yes	\$1,000.00	\$963.11
2095	13-Aug-12	20	2	\$36.89	Yes	\$1,000.00	\$963.11
2096	13-Aug-12	20	3	\$38.71	Yes	\$1,000.00	\$961.29
2097	13-Aug-12	20	4	\$35.00	Yes	\$1,000.00	\$965.00
2098	13-Aug-12	20	5	\$34.47	Yes	\$1,000.00	\$965.53
2099	13-Aug-12	20	6	\$34.45	Yes	\$1,000.00	\$965.55
2100	13-Aug-12	20	7	\$35.12	Yes	\$1,000.00	\$964.88
2101	13-Aug-12	20	8	\$34.16	Yes	\$1,000.00	\$965.84
2102	13-Aug-12	20	9	\$34.05	Yes	\$1,000.00	\$965.95
2103	13-Aug-12	20	10	\$34.06	Yes	\$1,000.00	\$965.94
2104	13-Aug-12	20	11	\$33.77	Yes	\$1,000.00	\$966.23
2105	13-Aug-12	20	12	\$33.48	Yes	\$1,000.00	\$966.52
2106	13-Aug-12	21	1	\$36.62	Yes	\$1,000.00	\$963.38
2107	13-Aug-12	21	2	\$39.22	Yes	\$1,000.00	\$960.78
2108	13-Aug-12	21	3	\$39.73	Yes	\$1,000.00	\$960.27
2109	13-Aug-12	21	4	\$42.21	Yes	\$1,000.00	\$957.79
2110	13-Aug-12	21	5	\$42.21	Yes	\$1,000.00	\$957.79

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2111	13-Aug-12	21	6	\$39.33	Yes	\$1,000.00	\$960.67
2112	13-Aug-12	21	7	\$37.23	Yes	\$1,000.00	\$962.77
2113	13-Aug-12	21	8	\$35.38	Yes	\$1,000.00	\$964.62
2114	13-Aug-12	21	9	\$35.11	Yes	\$1,000.00	\$964.89
2115	13-Aug-12	21	10	\$34.81	Yes	\$1,000.00	\$965.19
2116	13-Aug-12	21	11	\$34.01	Yes	\$1,000.00	\$965.99
2117	13-Aug-12	21	12	\$33.03	Yes	\$1,000.00	\$966.97
2118	13-Aug-12	22	1	\$34.39	Yes	\$1,000.00	\$965.61
2119	13-Aug-12	22	2	\$34.39	Yes	\$1,000.00	\$965.61
2120	13-Aug-12	22	3	\$35.79	Yes	\$1,000.00	\$964.21
2121	13-Aug-12	22	4	\$40.51	Yes	\$1,000.00	\$959.49
2122	13-Aug-12	22	5	\$38.89	Yes	\$1,000.00	\$961.11
2123	13-Aug-12	22	6	\$35.38	Yes	\$1,000.00	\$964.62
2124	13-Aug-12	22	7	\$33.44	Yes	\$1,000.00	\$966.56
2125	13-Aug-12	22	8	\$33.04	Yes	\$1,000.00	\$966.96
2126	13-Aug-12	22	9	\$31.94	Yes	\$1,000.00	\$968.06
2127	13-Aug-12	22	10	\$31.79	Yes	\$1,000.00	\$968.21
2128	13-Aug-12	22	11	\$31.15	Yes	\$1,000.00	\$968.85
2129	13-Aug-12	22	12	\$28.63	Yes	\$1,000.00	\$971.37
2130	14-Aug-12	1	1	\$23.39	Yes	\$1,000.00	\$976.61
2131	14-Aug-12	1	2	\$23.17	Yes	\$1,000.00	\$976.83
2132	14-Aug-12	1	3	\$24.10	Yes	\$1,000.00	\$975.90
2133	14-Aug-12	1	4	\$24.14	Yes	\$1,000.00	\$975.86
2134	14-Aug-12	1	5	\$25.73	Yes	\$1,000.00	\$974.27
2135	14-Aug-12	1	6	\$26.32	Yes	\$1,000.00	\$973.68
2136	14-Aug-12	1	7	\$23.91	Yes	\$1,000.00	\$976.09
2137	14-Aug-12	1	8	\$26.32	Yes	\$1,000.00	\$973.68
2138	14-Aug-12	1	9	\$27.00	Yes	\$1,000.00	\$973.00
2139	14-Aug-12	1	10	\$26.89	Yes	\$1,000.00	\$973.11
2140	14-Aug-12	1	11	\$23.26	Yes	\$1,000.00	\$976.74
2141	14-Aug-12	1	12	\$21.26	Yes	\$1,000.00	\$978.74
2142	14-Aug-12	2	1	\$23.77	Yes	\$1,000.00	\$976.23
2143	14-Aug-12	2	2	\$23.79	Yes	\$1,000.00	\$976.21
2144	14-Aug-12	2	3	\$199.26	Yes	\$1,000.00	\$800.74
2145	14-Aug-12	2	4	\$28.73	Yes	\$1,000.00	\$971.27
2146	14-Aug-12	2	5	\$23.81	Yes	\$1,000.00	\$976.19
2147	14-Aug-12	2	6	\$23.32	Yes	\$1,000.00	\$976.68
2148	14-Aug-12	2	7	\$22.26	Yes	\$1,000.00	\$977.74
2149	14-Aug-12	2	8	\$22.26	Yes	\$1,000.00	\$977.74
2150	14-Aug-12	2	9	\$21.34	Yes	\$1,000.00	\$978.66
2151	14-Aug-12	2	10	\$19.82	Yes	\$1,000.00	\$980.18
2152	14-Aug-12	2	11	\$20.71	Yes	\$1,000.00	\$979.29
2153	14-Aug-12	2	12	\$21.26	Yes	\$1,000.00	\$978.74
2154	14-Aug-12	3	1	\$26.16	Yes	\$33.66	\$7.50
2155	14-Aug-12	3	2	\$26.15	Yes	\$33.66	\$7.51

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2156	14-Aug-12	3	3	\$26.15	Yes	\$33.66	\$7.51
2157	14-Aug-12	3	4	\$23.81	Yes	\$33.66	\$9.85
2158	14-Aug-12	3	5	\$23.81	Yes	\$33.66	\$9.85
2159	14-Aug-12	3	6	\$23.03	Yes	\$33.66	\$10.63
2160	14-Aug-12	3	7	\$22.91	Yes	\$33.66	\$10.75
2161	14-Aug-12	3	8	\$22.86	Yes	\$33.66	\$10.80
2162	14-Aug-12	3	9	\$22.32	Yes	\$33.66	\$11.34
2163	14-Aug-12	3	10	\$21.41	Yes	\$33.66	\$12.25
2164	14-Aug-12	3	11	\$21.32	Yes	\$33.66	\$12.34
2165	14-Aug-12	3	12	\$21.32	Yes	\$33.66	\$12.34
2166	14-Aug-12	4	1	\$21.27	Yes	\$33.66	\$12.39
2167	14-Aug-12	4	2	\$21.27	Yes	\$33.66	\$12.39
2168	14-Aug-12	4	3	\$21.27	Yes	\$33.66	\$12.39
2169	14-Aug-12	4	4	\$21.27	Yes	\$33.66	\$12.39
2170	14-Aug-12	4	5	\$21.27	Yes	\$33.66	\$12.39
2171	14-Aug-12	4	6	\$20.73	Yes	\$33.66	\$12.93
2172	14-Aug-12	4	7	\$20.70	Yes	\$33.66	\$12.96
2173	14-Aug-12	4	8	\$21.27	Yes	\$33.66	\$12.39
2174	14-Aug-12	4	9	\$21.27	Yes	\$33.66	\$12.39
2175	14-Aug-12	4	10	\$21.30	Yes	\$33.66	\$12.36
2176	14-Aug-12	4	11	\$21.30	Yes	\$33.66	\$12.36
2177	14-Aug-12	4	12	\$20.75	Yes	\$33.66	\$12.91
2178	14-Aug-12	5	1	\$21.32	Yes	\$33.66	\$12.34
2179	14-Aug-12	5	2	\$21.32	Yes	\$33.66	\$12.34
2180	14-Aug-12	5	3	\$21.32	Yes	\$33.66	\$12.34
2181	14-Aug-12	5	4	\$21.40	Yes	\$33.66	\$12.26
2182	14-Aug-12	5	5	\$21.40	Yes	\$33.66	\$12.26
2183	14-Aug-12	5	6	\$21.40	Yes	\$33.66	\$12.26
2184	14-Aug-12	5	7	\$22.13	Yes	\$33.66	\$11.53
2185	14-Aug-12	5	8	\$22.34	Yes	\$33.66	\$11.32
2186	14-Aug-12	5	9	\$22.50	Yes	\$33.66	\$11.16
2187	14-Aug-12	5	10	\$23.73	Yes	\$33.66	\$9.93
2188	14-Aug-12	5	11	\$23.73	Yes	\$33.66	\$9.93
2189	14-Aug-12	5	12	\$23.72	Yes	\$33.66	\$9.94
2190	14-Aug-12	6	1	\$20.66	Yes	\$33.66	\$13.00
2191	14-Aug-12	6	2	\$21.28	Yes	\$33.66	\$12.38
2192	14-Aug-12	6	3	\$21.28	Yes	\$33.66	\$12.38
2193	14-Aug-12	6	4	\$21.33	Yes	\$33.66	\$12.33
2194	14-Aug-12	6	5	\$21.61	Yes	\$33.66	\$12.05
2195	14-Aug-12	6	6	\$22.84	Yes	\$33.66	\$10.82
2196	14-Aug-12	6	7	\$21.43	Yes	\$33.66	\$12.23
2197	14-Aug-12	6	8	\$23.36	Yes	\$33.66	\$10.30
2198	14-Aug-12	6	9	\$23.48	Yes	\$33.66	\$10.18
2199	14-Aug-12	6	10	\$26.34	Yes	\$33.66	\$7.32
2200	14-Aug-12	6	11	\$25.83	Yes	\$33.66	\$7.83

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2201	14-Aug-12	6	12	\$26.82	Yes	\$33.66	\$6.84
2202	14-Aug-12	7	1	\$22.88	Yes	\$33.66	\$10.78
2203	14-Aug-12	7	1	\$22.88	Yes	\$35.73	\$12.85
2204	14-Aug-12	7	2	\$22.39	Yes	\$33.66	\$11.27
2205	14-Aug-12	7	2	\$22.39	Yes	\$35.73	\$13.34
2206	14-Aug-12	7	3	\$23.71	Yes	\$33.66	\$9.95
2207	14-Aug-12	7	3	\$23.71	Yes	\$35.73	\$12.02
2208	14-Aug-12	7	4	\$23.24	Yes	\$33.66	\$10.42
2209	14-Aug-12	7	4	\$23.24	Yes	\$35.73	\$12.49
2210	14-Aug-12	7	5	\$23.22	Yes	\$33.66	\$10.44
2211	14-Aug-12	7	5	\$23.22	Yes	\$35.73	\$12.51
2212	14-Aug-12	7	6	\$23.22	Yes	\$33.66	\$10.44
2213	14-Aug-12	7	6	\$23.22	Yes	\$35.73	\$12.51
2214	14-Aug-12	7	7	\$23.04	Yes	\$33.66	\$10.62
2215	14-Aug-12	7	7	\$23.04	Yes	\$35.73	\$12.69
2216	14-Aug-12	7	8	\$22.82	Yes	\$33.66	\$10.84
2217	14-Aug-12	7	8	\$22.82	Yes	\$35.73	\$12.91
2218	14-Aug-12	7	9	\$22.34	Yes	\$33.66	\$11.32
2219	14-Aug-12	7	9	\$22.34	Yes	\$35.73	\$13.39
2220	14-Aug-12	7	10	\$23.09	Yes	\$33.66	\$10.57
2221	14-Aug-12	7	10	\$23.09	Yes	\$35.73	\$12.64
2222	14-Aug-12	7	11	\$22.11	Yes	\$33.66	\$11.55
2223	14-Aug-12	7	11	\$22.11	Yes	\$35.73	\$13.62
2224	14-Aug-12	7	12	\$22.31	Yes	\$33.66	\$11.35
2225	14-Aug-12	7	12	\$22.31	Yes	\$35.73	\$13.42
2226	14-Aug-12	8	1	\$19.03	Yes	\$1,000.00	\$980.97
2227	14-Aug-12	8	2	\$19.03	Yes	\$1,000.00	\$980.97
2228	14-Aug-12	8	3	\$19.03	Yes	\$1,000.00	\$980.97
2229	14-Aug-12	8	4	\$21.39	Yes	\$1,000.00	\$978.61
2230	14-Aug-12	8	5	\$20.48	Yes	\$1,000.00	\$979.52
2231	14-Aug-12	8	6	\$21.39	Yes	\$1,000.00	\$978.61
2232	14-Aug-12	8	7	\$21.39	Yes	\$1,000.00	\$978.61
2233	14-Aug-12	8	8	\$21.39	Yes	\$1,000.00	\$978.61
2234	14-Aug-12	8	9	\$23.12	Yes	\$1,000.00	\$976.88
2235	14-Aug-12	8	10	\$23.71	Yes	\$1,000.00	\$976.29
2236	14-Aug-12	8	11	\$24.19	Yes	\$1,000.00	\$975.81
2237	14-Aug-12	8	12	\$26.15	Yes	\$1,000.00	\$973.85
2238	14-Aug-12	9	1	\$20.63	Yes	\$1,000.00	\$979.37
2239	14-Aug-12	9	2	\$21.53	Yes	\$1,000.00	\$978.47
2240	14-Aug-12	9	3	\$21.53	Yes	\$1,000.00	\$978.47
2241	14-Aug-12	9	4	\$23.28	Yes	\$1,000.00	\$976.72
2242	14-Aug-12	9	5	\$23.37	Yes	\$1,000.00	\$976.63
2243	14-Aug-12	9	6	\$23.71	Yes	\$1,000.00	\$976.29
2244	14-Aug-12	9	7	\$23.86	Yes	\$1,000.00	\$976.14
2245	14-Aug-12	9	8	\$23.86	Yes	\$1,000.00	\$976.14

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2246	14-Aug-12	9	9	\$23.86	Yes	\$1,000.00	\$976.14
2247	14-Aug-12	9	10	\$24.42	Yes	\$1,000.00	\$975.58
2248	14-Aug-12	9	11	\$27.57	Yes	\$1,000.00	\$972.43
2249	14-Aug-12	9	12	\$27.31	Yes	\$1,000.00	\$972.69
2250	14-Aug-12	10	1	\$23.89	Yes	\$1,000.00	\$976.11
2251	14-Aug-12	10	2	\$23.89	Yes	\$1,000.00	\$976.11
2252	14-Aug-12	10	3	\$23.89	Yes	\$1,000.00	\$976.11
2253	14-Aug-12	10	4	\$24.36	Yes	\$1,000.00	\$975.64
2254	14-Aug-12	10	5	\$27.77	Yes	\$1,000.00	\$972.23
2255	14-Aug-12	10	6	\$27.57	Yes	\$1,000.00	\$972.43
2256	14-Aug-12	10	7	\$30.47	Yes	\$1,000.00	\$969.53
2257	14-Aug-12	10	8	\$32.32	Yes	\$1,000.00	\$967.68
2258	14-Aug-12	10	9	\$32.91	Yes	\$1,000.00	\$967.09
2259	14-Aug-12	10	10	\$38.04	Yes	\$1,000.00	\$961.96
2260	14-Aug-12	10	11	\$36.64	Yes	\$1,000.00	\$963.36
2261	14-Aug-12	10	12	\$38.55	Yes	\$1,000.00	\$961.45
2262	14-Aug-12	11	1	\$31.17	Yes	\$1,000.00	\$968.83
2263	14-Aug-12	11	2	\$27.07	Yes	\$1,000.00	\$972.93
2264	14-Aug-12	11	3	\$26.88	Yes	\$1,000.00	\$973.12
2265	14-Aug-12	11	4	\$28.14	Yes	\$1,000.00	\$971.86
2266	14-Aug-12	11	5	\$29.25	Yes	\$1,000.00	\$970.75
2267	14-Aug-12	11	6	\$31.47	Yes	\$1,000.00	\$968.53
2268	14-Aug-12	11	7	\$31.23	Yes	\$1,000.00	\$968.77
2269	14-Aug-12	11	8	\$32.38	Yes	\$1,000.00	\$967.62
2270	14-Aug-12	11	9	\$33.80	Yes	\$1,000.00	\$966.20
2271	14-Aug-12	11	10	\$34.59	Yes	\$1,000.00	\$965.41
2272	14-Aug-12	11	11	\$130.42	Yes	\$1,000.00	\$869.58
2273	14-Aug-12	11	12	\$41.95	Yes	\$1,000.00	\$958.05
2274	14-Aug-12	12	1	\$33.96	Yes	\$1,000.00	\$966.04
2275	14-Aug-12	12	2	\$31.88	Yes	\$1,000.00	\$968.12
2276	14-Aug-12	12	3	\$32.80	Yes	\$1,000.00	\$967.20
2277	14-Aug-12	12	4	\$31.88	Yes	\$1,000.00	\$968.12
2278	14-Aug-12	12	5	\$40.54	Yes	\$1,000.00	\$959.46
2279	14-Aug-12	12	6	\$40.54	Yes	\$1,000.00	\$959.46
2280	14-Aug-12	12	7	\$42.73	Yes	\$1,000.00	\$957.27
2281	14-Aug-12	12	8	\$43.79	Yes	\$1,000.00	\$956.21
2282	14-Aug-12	12	9	\$43.62	Yes	\$1,000.00	\$956.38
2283	14-Aug-12	12	10	\$42.70	Yes	\$1,000.00	\$957.30
2284	14-Aug-12	12	11	\$42.74	Yes	\$1,000.00	\$957.26
2285	14-Aug-12	12	12	\$47.80	Yes	\$1,000.00	\$952.20
2286	14-Aug-12	13	1	\$29.35	Yes	\$1,000.00	\$970.65
2287	14-Aug-12	13	2	\$30.08	Yes	\$1,000.00	\$969.92
2288	14-Aug-12	13	3	\$32.53	Yes	\$1,000.00	\$967.47
2289	14-Aug-12	13	4	\$33.75	Yes	\$1,000.00	\$966.25
2290	14-Aug-12	13	5	\$34.31	Yes	\$1,000.00	\$965.69

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2291	14-Aug-12	13	6	\$174.01	Yes	\$1,000.00	\$825.99
2292	14-Aug-12	13	7	\$247.22	Yes	\$1,000.00	\$752.78
2293	14-Aug-12	13	8	\$352.08	Yes	\$1,000.00	\$647.92
2294	14-Aug-12	13	9	\$352.08	Yes	\$1,000.00	\$647.92
2295	14-Aug-12	13	10	\$57.95	Yes	\$1,000.00	\$942.05
2296	14-Aug-12	13	11	\$38.58	Yes	\$1,000.00	\$961.42
2297	14-Aug-12	13	12	\$45.24	Yes	\$1,000.00	\$954.76
2298	14-Aug-12	14	1	\$47.26	Yes	\$1,000.00	\$952.74
2299	14-Aug-12	14	2	\$34.11	Yes	\$1,000.00	\$965.89
2300	14-Aug-12	14	3	\$33.30	Yes	\$1,000.00	\$966.70
2301	14-Aug-12	14	4	\$33.70	Yes	\$1,000.00	\$966.30
2302	14-Aug-12	14	5	\$34.36	Yes	\$1,000.00	\$965.64
2303	14-Aug-12	14	6	\$35.44	Yes	\$1,000.00	\$964.56
2304	14-Aug-12	14	7	\$35.43	Yes	\$1,000.00	\$964.57
2305	14-Aug-12	14	8	\$35.91	Yes	\$1,000.00	\$964.09
2306	14-Aug-12	14	9	\$36.07	Yes	\$1,000.00	\$963.93
2307	14-Aug-12	14	10	\$41.01	Yes	\$1,000.00	\$958.99
2308	14-Aug-12	14	11	\$39.39	Yes	\$1,000.00	\$960.61
2309	14-Aug-12	14	12	\$35.88	Yes	\$1,000.00	\$964.12
2310	14-Aug-12	15	1	\$34.36	Yes	\$1,000.00	\$965.64
2311	14-Aug-12	15	2	\$34.19	Yes	\$1,000.00	\$965.81
2312	14-Aug-12	15	3	\$34.93	Yes	\$1,000.00	\$965.07
2313	14-Aug-12	15	4	\$35.53	Yes	\$1,000.00	\$964.47
2314	14-Aug-12	15	5	\$36.48	Yes	\$1,000.00	\$963.52
2315	14-Aug-12	15	6	\$36.70	Yes	\$1,000.00	\$963.30
2316	14-Aug-12	15	7	\$38.87	Yes	\$1,000.00	\$961.13
2317	14-Aug-12	15	8	\$38.87	Yes	\$1,000.00	\$961.13
2318	14-Aug-12	15	9	\$38.87	Yes	\$1,000.00	\$961.13
2319	14-Aug-12	15	10	\$38.85	Yes	\$1,000.00	\$961.15
2320	14-Aug-12	15	11	\$41.87	Yes	\$1,000.00	\$958.13
2321	14-Aug-12	15	12	\$38.36	Yes	\$1,000.00	\$961.64
2322	14-Aug-12	16	1	\$45.08	Yes	\$1,000.00	\$954.92
2323	14-Aug-12	16	2	\$40.16	Yes	\$1,000.00	\$959.84
2324	14-Aug-12	16	3	\$46.09	Yes	\$1,000.00	\$953.91
2325	14-Aug-12	16	4	\$545.04	Yes	\$1,000.00	\$454.96
2326	14-Aug-12	16	5	\$197.60	Yes	\$1,000.00	\$802.40
2327	14-Aug-12	16	6	\$989.71	Yes	\$1,000.00	\$10.29
2328	14-Aug-12	16	7	\$90.14	Yes	\$1,000.00	\$909.86
2329	14-Aug-12	16	8	\$988.98	Yes	\$1,000.00	\$11.02
2330	14-Aug-12	16	9	\$179.10	Yes	\$1,000.00	\$820.90
2331	14-Aug-12	16	10	\$49.25	Yes	\$1,000.00	\$950.75
2332	14-Aug-12	16	11	\$46.99	Yes	\$1,000.00	\$953.01
2333	14-Aug-12	16	12	\$36.06	Yes	\$1,000.00	\$963.94
2334	14-Aug-12	17	1	\$35.92	Yes	\$1,000.00	\$964.08
2335	14-Aug-12	17	2	\$34.76	Yes	\$1,000.00	\$965.24



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2336	14-Aug-12	17	3	\$35.12	Yes	\$1,000.00	\$964.88
2337	14-Aug-12	17	4	\$35.82	Yes	\$1,000.00	\$964.18
2338	14-Aug-12	17	5	\$35.54	Yes	\$1,000.00	\$964.46
2339	14-Aug-12	17	6	\$42.00	Yes	\$1,000.00	\$958.00
2340	14-Aug-12	17	7	\$38.28	Yes	\$1,000.00	\$961.72
2341	14-Aug-12	17	8	\$38.27	Yes	\$1,000.00	\$961.73
2342	14-Aug-12	17	9	\$38.27	Yes	\$1,000.00	\$961.73
2343	14-Aug-12	17	10	\$38.81	Yes	\$1,000.00	\$961.19
2344	14-Aug-12	17	11	\$38.81	Yes	\$1,000.00	\$961.19
2345	14-Aug-12	17	12	\$38.27	Yes	\$1,000.00	\$961.73
2346	14-Aug-12	18	1	\$28.18	Yes	\$1,000.00	\$971.82
2347	14-Aug-12	18	2	\$27.68	Yes	\$1,000.00	\$972.32
2348	14-Aug-12	18	3	\$33.24	Yes	\$1,000.00	\$966.76
2349	14-Aug-12	18	4	\$34.72	Yes	\$1,000.00	\$965.28
2350	14-Aug-12	18	5	\$34.69	Yes	\$1,000.00	\$965.31
2351	14-Aug-12	18	6	\$38.20	Yes	\$1,000.00	\$961.80
2352	14-Aug-12	18	7	\$30.27	Yes	\$1,000.00	\$969.73
2353	14-Aug-12	18	8	\$35.84	Yes	\$1,000.00	\$964.16
2354	14-Aug-12	18	9	\$39.18	Yes	\$1,000.00	\$960.82
2355	14-Aug-12	18	10	\$41.58	Yes	\$1,000.00	\$958.42
2356	14-Aug-12	18	11	\$96.42	Yes	\$1,000.00	\$903.58
2357	14-Aug-12	18	12	\$414.11	Yes	\$1,000.00	\$585.89
2358	14-Aug-12	19	1	\$85.20	Yes	\$1,000.00	\$914.80
2359	14-Aug-12	19	2	\$65.32	Yes	\$1,000.00	\$934.68
2360	14-Aug-12	19	3	\$85.16	Yes	\$1,000.00	\$914.84
2361	14-Aug-12	19	4	\$85.07	Yes	\$1,000.00	\$914.93
2362	14-Aug-12	19	5	\$197.78	Yes	\$1,000.00	\$802.22
2363	14-Aug-12	19	6	\$85.07	Yes	\$1,000.00	\$914.93
2364	14-Aug-12	19	7	\$58.20	Yes	\$1,000.00	\$941.80
2365	14-Aug-12	19	8	\$52.78	Yes	\$1,000.00	\$947.22
2366	14-Aug-12	19	9	\$60.10	Yes	\$1,000.00	\$939.90
2367	14-Aug-12	19	10	\$1,005.82	Yes	\$1,000.00	(\$5.82)
2368	14-Aug-12	19	11	\$1,024.20	Yes	\$1,000.00	(\$24.20)
2369	14-Aug-12	19	12	\$1,001.15	Yes	\$1,000.00	(\$1.15)
2370	14-Aug-12	20	1	\$92.93	Yes	\$1,000.00	\$907.07
2371	14-Aug-12	20	2	\$44.28	Yes	\$1,000.00	\$955.72
2372	14-Aug-12	20	3	\$37.76	Yes	\$1,000.00	\$962.24
2373	14-Aug-12	20	4	\$25.08	Yes	\$1,000.00	\$974.92
2374	14-Aug-12	20	5	\$25.08	Yes	\$1,000.00	\$974.92
2375	14-Aug-12	20	6	\$26.23	Yes	\$1,000.00	\$973.77
2376	14-Aug-12	20	7	\$26.71	Yes	\$1,000.00	\$973.29
2377	14-Aug-12	20	8	\$33.29	Yes	\$1,000.00	\$966.71
2378	14-Aug-12	20	9	\$32.16	Yes	\$1,000.00	\$967.84
2379	14-Aug-12	20	10	\$28.77	Yes	\$1,000.00	\$971.23
2380	14-Aug-12	20	11	\$27.95	Yes	\$1,000.00	\$972.05

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2381	14-Aug-12	20	12	\$28.09	Yes	\$1,000.00	\$971.91
2382	14-Aug-12	21	1	\$32.00	Yes	\$1,000.00	\$968.00
2383	14-Aug-12	21	2	\$32.02	Yes	\$1,000.00	\$967.98
2384	14-Aug-12	21	3	\$37.37	Yes	\$1,000.00	\$962.63
2385	14-Aug-12	21	4	\$37.95	Yes	\$1,000.00	\$962.05
2386	14-Aug-12	21	5	\$40.24	Yes	\$1,000.00	\$959.76
2387	14-Aug-12	21	6	\$42.05	Yes	\$1,000.00	\$957.95
2388	14-Aug-12	21	7	\$33.00	Yes	\$1,000.00	\$967.00
2389	14-Aug-12	21	8	\$28.40	Yes	\$1,000.00	\$971.60
2390	14-Aug-12	21	9	\$28.20	Yes	\$1,000.00	\$971.80
2391	14-Aug-12	21	10	\$29.15	Yes	\$1,000.00	\$970.85
2392	14-Aug-12	21	11	\$28.27	Yes	\$1,000.00	\$971.73
2393	14-Aug-12	21	12	\$26.61	Yes	\$1,000.00	\$973.39
2394	14-Aug-12	22	1	\$27.06	Yes	\$1,000.00	\$972.94
2395	14-Aug-12	22	2	\$27.48	Yes	\$1,000.00	\$972.52
2396	14-Aug-12	22	3	\$27.78	Yes	\$1,000.00	\$972.22
2397	14-Aug-12	22	4	\$27.48	Yes	\$1,000.00	\$972.52
2398	14-Aug-12	22	5	\$26.34	Yes	\$1,000.00	\$973.66
2399	14-Aug-12	22	6	\$24.63	Yes	\$1,000.00	\$975.37
2400	14-Aug-12	22	7	\$24.16	Yes	\$1,000.00	\$975.84
2401	14-Aug-12	22	8	\$24.01	Yes	\$1,000.00	\$975.99
2402	14-Aug-12	22	9	\$23.90	Yes	\$1,000.00	\$976.10
2403	14-Aug-12	22	10	\$23.52	Yes	\$1,000.00	\$976.48
2404	14-Aug-12	22	11	\$23.24	Yes	\$1,000.00	\$976.76
2405	14-Aug-12	22	12	\$21.60	Yes	\$1,000.00	\$978.40
2406	14-Aug-12	23	1	\$23.93	Yes	\$1,000.00	\$976.07
2407	14-Aug-12	23	2	\$23.60	Yes	\$1,000.00	\$976.40
2408	14-Aug-12	23	3	\$23.93	Yes	\$1,000.00	\$976.07
2409	14-Aug-12	23	4	\$24.05	Yes	\$1,000.00	\$975.95
2410	14-Aug-12	23	5	\$23.98	Yes	\$1,000.00	\$976.02
2411	14-Aug-12	23	6	\$23.23	Yes	\$1,000.00	\$976.77
2412	14-Aug-12	23	7	\$23.28	Yes	\$1,000.00	\$976.72
2413	14-Aug-12	23	8	\$22.23	Yes	\$1,000.00	\$977.77
2414	14-Aug-12	23	9	\$21.75	Yes	\$1,000.00	\$978.25
2415	14-Aug-12	23	10	\$21.79	Yes	\$1,000.00	\$978.21
2416	14-Aug-12	23	11	\$21.46	Yes	\$1,000.00	\$978.54
2417	14-Aug-12	23	12	\$20.78	Yes	\$1,000.00	\$979.22
2418	14-Aug-12	24	1	\$23.53	Yes	\$1,000.00	\$976.47
2419	14-Aug-12	24	2	\$23.37	Yes	\$1,000.00	\$976.63
2420	14-Aug-12	24	3	\$22.37	Yes	\$1,000.00	\$977.63
2421	14-Aug-12	24	4	\$22.34	Yes	\$1,000.00	\$977.66
2422	14-Aug-12	24	5	\$22.34	Yes	\$1,000.00	\$977.66
2423	14-Aug-12	24	6	\$21.87	Yes	\$1,000.00	\$978.13
2424	14-Aug-12	24	7	\$20.07	Yes	\$1,000.00	\$979.93
2425	14-Aug-12	24	8	\$19.03	Yes	\$1,000.00	\$980.97

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2426	14-Aug-12	24	9	\$9.12	Yes	\$1,000.00	\$990.88
2427	14-Aug-12	24	10	\$0.77	Yes	\$1,000.00	\$999.23
2428	14-Aug-12	24	11	(\$3.53)	Yes	\$1,000.00	\$1,003.53
2429	14-Aug-12	24	12	\$15.85	Yes	\$1,000.00	\$984.15
2430	15-Aug-12	1	1	\$21.55	Yes	\$1,000.00	\$978.45
2431	15-Aug-12	1	2	\$21.55	Yes	\$1,000.00	\$978.45
2432	15-Aug-12	1	3	\$21.55	Yes	\$1,000.00	\$978.45
2433	15-Aug-12	1	4	\$22.51	Yes	\$1,000.00	\$977.49
2434	15-Aug-12	1	5	\$23.48	Yes	\$1,000.00	\$976.52
2435	15-Aug-12	1	6	\$21.53	Yes	\$1,000.00	\$978.47
2436	15-Aug-12	1	7	\$21.35	Yes	\$1,000.00	\$978.65
2437	15-Aug-12	1	8	\$20.65	Yes	\$1,000.00	\$979.35
2438	15-Aug-12	1	9	\$20.03	Yes	\$1,000.00	\$979.97
2439	15-Aug-12	1	10	\$19.94	Yes	\$1,000.00	\$980.06
2440	15-Aug-12	1	11	\$18.52	Yes	\$1,000.00	\$981.48
2441	15-Aug-12	1	12	\$14.03	Yes	\$1,000.00	\$985.97
2442	15-Aug-12	2	1	\$19.86	Yes	\$1,000.00	\$980.14
2443	15-Aug-12	2	2	\$21.10	Yes	\$1,000.00	\$978.90
2444	15-Aug-12	2	3	\$19.75	Yes	\$1,000.00	\$980.25
2445	15-Aug-12	2	4	\$19.71	Yes	\$1,000.00	\$980.29
2446	15-Aug-12	2	5	\$22.54	Yes	\$1,000.00	\$977.46
2447	15-Aug-12	2	6	\$23.26	Yes	\$1,000.00	\$976.74
2448	15-Aug-12	2	7	\$22.53	Yes	\$1,000.00	\$977.47
2449	15-Aug-12	2	8	\$20.97	Yes	\$1,000.00	\$979.03
2450	15-Aug-12	2	9	\$19.60	Yes	\$1,000.00	\$980.40
2451	15-Aug-12	2	10	\$17.63	Yes	\$1,000.00	\$982.37
2452	15-Aug-12	2	11	\$8.45	Yes	\$1,000.00	\$991.55
2453	15-Aug-12	2	12	\$11.51	Yes	\$1,000.00	\$988.49
2454	15-Aug-12	3	1	\$17.70	Yes	\$1,000.00	\$982.30
2455	15-Aug-12	3	2	\$19.79	Yes	\$1,000.00	\$980.21
2456	15-Aug-12	3	3	\$21.20	Yes	\$1,000.00	\$978.80
2457	15-Aug-12	3	4	\$21.23	Yes	\$1,000.00	\$978.77
2458	15-Aug-12	3	5	\$20.87	Yes	\$1,000.00	\$979.13
2459	15-Aug-12	3	6	\$20.87	Yes	\$1,000.00	\$979.13
2460	15-Aug-12	3	7	\$17.70	Yes	\$1,000.00	\$982.30
2461	15-Aug-12	3	8	\$22.52	Yes	\$1,000.00	\$977.48
2462	15-Aug-12	3	9	\$21.14	Yes	\$1,000.00	\$978.86
2463	15-Aug-12	3	10	\$14.27	Yes	\$1,000.00	\$985.73
2464	15-Aug-12	3	11	\$8.39	Yes	\$1,000.00	\$991.61
2465	15-Aug-12	3	12	\$14.27	Yes	\$1,000.00	\$985.73
2466	15-Aug-12	4	1	\$14.51	Yes	\$1,000.00	\$985.49
2467	15-Aug-12	4	2	\$20.85	Yes	\$1,000.00	\$979.15
2468	15-Aug-12	4	3	\$20.85	Yes	\$1,000.00	\$979.15
2469	15-Aug-12	4	4	\$20.80	Yes	\$1,000.00	\$979.20
2470	15-Aug-12	4	5	\$20.63	Yes	\$1,000.00	\$979.37

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2471	15-Aug-12	4	6	\$20.25	Yes	\$1,000.00	\$979.75
2472	15-Aug-12	4	7	\$20.79	Yes	\$1,000.00	\$979.21
2473	15-Aug-12	4	8	\$21.70	Yes	\$1,000.00	\$978.30
2474	15-Aug-12	4	9	\$20.74	Yes	\$1,000.00	\$979.26
2475	15-Aug-12	4	10	\$20.79	Yes	\$1,000.00	\$979.21
2476	15-Aug-12	4	11	\$21.67	Yes	\$1,000.00	\$978.33
2477	15-Aug-12	4	12	\$14.67	Yes	\$1,000.00	\$985.33
2478	15-Aug-12	5	1	\$21.63	Yes	\$1,000.00	\$978.37
2479	15-Aug-12	5	2	\$20.93	Yes	\$1,000.00	\$979.07
2480	15-Aug-12	5	3	\$20.95	Yes	\$1,000.00	\$979.05
2481	15-Aug-12	5	4	\$21.72	Yes	\$1,000.00	\$978.28
2482	15-Aug-12	5	5	\$21.72	Yes	\$1,000.00	\$978.28
2483	15-Aug-12	5	6	\$22.54	Yes	\$1,000.00	\$977.46
2484	15-Aug-12	5	7	\$23.04	Yes	\$1,000.00	\$976.96
2485	15-Aug-12	5	8	\$23.04	Yes	\$1,000.00	\$976.96
2486	15-Aug-12	5	9	\$23.33	Yes	\$1,000.00	\$976.67
2487	15-Aug-12	5	10	\$23.33	Yes	\$1,000.00	\$976.67
2488	15-Aug-12	5	11	\$23.33	Yes	\$1,000.00	\$976.67
2489	15-Aug-12	5	12	\$23.33	Yes	\$1,000.00	\$976.67
2490	15-Aug-12	6	1	\$16.14	Yes	\$1,000.00	\$983.86
2491	15-Aug-12	6	2	\$15.54	Yes	\$1,000.00	\$984.46
2492	15-Aug-12	6	3	\$14.57	Yes	\$1,000.00	\$985.43
2493	15-Aug-12	6	4	\$19.79	Yes	\$1,000.00	\$980.21
2494	15-Aug-12	6	5	\$19.79	Yes	\$1,000.00	\$980.21
2495	15-Aug-12	6	6	\$21.79	Yes	\$1,000.00	\$978.21
2496	15-Aug-12	6	7	\$22.68	Yes	\$1,000.00	\$977.32
2497	15-Aug-12	6	8	\$22.71	Yes	\$1,000.00	\$977.29
2498	15-Aug-12	6	9	\$22.71	Yes	\$1,000.00	\$977.29
2499	15-Aug-12	6	10	\$23.34	Yes	\$1,000.00	\$976.66
2500	15-Aug-12	6	11	\$23.26	Yes	\$1,000.00	\$976.74
2501	15-Aug-12	6	12	\$21.85	Yes	\$1,000.00	\$978.15
2502	15-Aug-12	7	1	\$21.34	Yes	\$1,000.00	\$978.66
2503	15-Aug-12	7	2	\$19.28	Yes	\$1,000.00	\$980.72
2504	15-Aug-12	7	3	\$19.28	Yes	\$1,000.00	\$980.72
2505	15-Aug-12	7	4	\$20.11	Yes	\$1,000.00	\$979.89
2506	15-Aug-12	7	5	\$20.65	Yes	\$1,000.00	\$979.35
2507	15-Aug-12	7	6	\$20.65	Yes	\$1,000.00	\$979.35
2508	15-Aug-12	7	7	\$20.69	Yes	\$1,000.00	\$979.31
2509	15-Aug-12	7	8	\$20.78	Yes	\$1,000.00	\$979.22
2510	15-Aug-12	7	9	\$21.32	Yes	\$1,000.00	\$978.68
2511	15-Aug-12	7	10	\$21.46	Yes	\$1,000.00	\$978.54
2512	15-Aug-12	7	11	\$21.46	Yes	\$1,000.00	\$978.54
2513	15-Aug-12	7	12	\$21.72	Yes	\$1,000.00	\$978.28
2514	15-Aug-12	8	1	\$19.30	Yes	\$1,000.00	\$980.70
2515	15-Aug-12	8	2	\$19.30	Yes	\$1,000.00	\$980.70

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2516	15-Aug-12	8	3	\$19.30	Yes	\$1,000.00	\$980.70
2517	15-Aug-12	8	4	\$20.31	Yes	\$1,000.00	\$979.69
2518	15-Aug-12	8	5	\$20.75	Yes	\$1,000.00	\$979.25
2519	15-Aug-12	8	6	\$20.75	Yes	\$1,000.00	\$979.25
2520	15-Aug-12	8	7	\$21.21	Yes	\$1,000.00	\$978.79
2521	15-Aug-12	8	8	\$21.60	Yes	\$1,000.00	\$978.40
2522	15-Aug-12	8	9	\$21.60	Yes	\$1,000.00	\$978.40
2523	15-Aug-12	8	10	\$21.32	Yes	\$1,000.00	\$978.68
2524	15-Aug-12	8	11	\$22.07	Yes	\$1,000.00	\$977.93
2525	15-Aug-12	8	12	\$23.45	Yes	\$1,000.00	\$976.55
2526	15-Aug-12	9	1	\$19.19	Yes	\$1,000.00	\$980.81
2527	15-Aug-12	9	2	\$19.23	Yes	\$1,000.00	\$980.77
2528	15-Aug-12	9	3	\$19.19	Yes	\$1,000.00	\$980.81
2529	15-Aug-12	9	4	\$19.69	Yes	\$1,000.00	\$980.31
2530	15-Aug-12	9	5	\$19.91	Yes	\$1,000.00	\$980.09
2531	15-Aug-12	9	6	\$19.92	Yes	\$1,000.00	\$980.08
2532	15-Aug-12	9	7	\$20.61	Yes	\$1,000.00	\$979.39
2533	15-Aug-12	9	8	\$20.64	Yes	\$1,000.00	\$979.36
2534	15-Aug-12	9	9	\$20.64	Yes	\$1,000.00	\$979.36
2535	15-Aug-12	9	10	\$21.46	Yes	\$1,000.00	\$978.54
2536	15-Aug-12	9	11	\$20.71	Yes	\$1,000.00	\$979.29
2537	15-Aug-12	9	12	\$21.86	Yes	\$1,000.00	\$978.14
2538	15-Aug-12	10	1	\$20.14	Yes	\$1,000.00	\$979.86
2539	15-Aug-12	10	2	\$20.14	Yes	\$1,000.00	\$979.86
2540	15-Aug-12	10	3	\$20.04	Yes	\$1,000.00	\$979.96
2541	15-Aug-12	10	4	\$20.12	Yes	\$1,000.00	\$979.88
2542	15-Aug-12	10	5	\$20.19	Yes	\$1,000.00	\$979.81
2543	15-Aug-12	10	6	\$20.75	Yes	\$1,000.00	\$979.25
2544	15-Aug-12	10	7	\$21.44	Yes	\$1,000.00	\$978.56
2545	15-Aug-12	10	8	\$22.27	Yes	\$1,000.00	\$977.73
2546	15-Aug-12	10	9	\$22.04	Yes	\$1,000.00	\$977.96
2547	15-Aug-12	10	10	\$22.29	Yes	\$1,000.00	\$977.71
2548	15-Aug-12	10	11	\$21.85	Yes	\$1,000.00	\$978.15
2549	15-Aug-12	10	12	\$21.85	Yes	\$1,000.00	\$978.15
2550	15-Aug-12	11	1	\$21.40	Yes	\$1,000.00	\$978.60
2551	15-Aug-12	11	2	\$21.01	Yes	\$1,000.00	\$978.99
2552	15-Aug-12	11	3	\$20.67	Yes	\$1,000.00	\$979.33
2553	15-Aug-12	11	4	\$21.68	Yes	\$1,000.00	\$978.32
2554	15-Aug-12	11	5	\$22.02	Yes	\$1,000.00	\$977.98
2555	15-Aug-12	11	6	\$22.37	Yes	\$1,000.00	\$977.63
2556	15-Aug-12	11	7	\$22.91	Yes	\$1,000.00	\$977.09
2557	15-Aug-12	11	8	\$23.58	Yes	\$1,000.00	\$976.42
2558	15-Aug-12	11	9	\$23.58	Yes	\$1,000.00	\$976.42
2559	15-Aug-12	11	10	\$23.91	Yes	\$1,000.00	\$976.09
2560	15-Aug-12	11	11	\$23.91	Yes	\$1,000.00	\$976.09

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2561	15-Aug-12	11	12	\$24.34	Yes	\$1,000.00	\$975.66
2562	15-Aug-12	12	1	\$23.67	Yes	\$1,000.00	\$976.33
2563	15-Aug-12	12	2	\$23.48	Yes	\$1,000.00	\$976.52
2564	15-Aug-12	12	3	\$23.22	Yes	\$1,000.00	\$976.78
2565	15-Aug-12	12	4	\$23.53	Yes	\$1,000.00	\$976.47
2566	15-Aug-12	12	5	\$23.54	Yes	\$1,000.00	\$976.46
2567	15-Aug-12	12	6	\$23.50	Yes	\$1,000.00	\$976.50
2568	15-Aug-12	12	7	\$23.53	Yes	\$1,000.00	\$976.47
2569	15-Aug-12	12	8	\$23.26	Yes	\$1,000.00	\$976.74
2570	15-Aug-12	12	9	\$23.26	Yes	\$1,000.00	\$976.74
2571	15-Aug-12	12	10	\$23.67	Yes	\$1,000.00	\$976.33
2572	15-Aug-12	12	11	\$23.78	Yes	\$1,000.00	\$976.22
2573	15-Aug-12	12	12	\$24.43	Yes	\$1,000.00	\$975.57
2574	15-Aug-12	13	1	\$22.74	Yes	\$1,000.00	\$977.26
2575	15-Aug-12	13	2	\$23.29	Yes	\$1,000.00	\$976.71
2576	15-Aug-12	13	3	\$23.29	Yes	\$1,000.00	\$976.71
2577	15-Aug-12	13	4	\$23.77	Yes	\$1,000.00	\$976.23
2578	15-Aug-12	13	5	\$23.77	Yes	\$1,000.00	\$976.23
2579	15-Aug-12	13	6	\$23.77	Yes	\$1,000.00	\$976.23
2580	15-Aug-12	13	7	\$23.86	Yes	\$1,000.00	\$976.14
2581	15-Aug-12	13	8	\$24.18	Yes	\$1,000.00	\$975.82
2582	15-Aug-12	13	9	\$24.18	Yes	\$1,000.00	\$975.82
2583	15-Aug-12	13	10	\$24.68	Yes	\$1,000.00	\$975.32
2584	15-Aug-12	13	11	\$24.97	Yes	\$1,000.00	\$975.03
2585	15-Aug-12	13	12	\$25.13	Yes	\$1,000.00	\$974.87
2586	15-Aug-12	14	1	\$23.46	Yes	\$1,000.00	\$976.54
2587	15-Aug-12	14	2	\$23.74	Yes	\$1,000.00	\$976.26
2588	15-Aug-12	14	3	\$23.66	Yes	\$1,000.00	\$976.34
2589	15-Aug-12	14	4	\$24.07	Yes	\$1,000.00	\$975.93
2590	15-Aug-12	14	5	\$24.10	Yes	\$1,000.00	\$975.90
2591	15-Aug-12	14	6	\$24.42	Yes	\$1,000.00	\$975.58
2592	15-Aug-12	14	7	\$24.50	Yes	\$1,000.00	\$975.50
2593	15-Aug-12	14	8	\$24.75	Yes	\$1,000.00	\$975.25
2594	15-Aug-12	14	9	\$24.96	Yes	\$1,000.00	\$975.04
2595	15-Aug-12	14	10	\$24.94	Yes	\$1,000.00	\$975.06
2596	15-Aug-12	14	11	\$24.97	Yes	\$1,000.00	\$975.03
2597	15-Aug-12	14	12	\$26.58	Yes	\$1,000.00	\$973.42
2598	15-Aug-12	15	1	\$25.04	Yes	\$1,000.00	\$974.96
2599	15-Aug-12	15	2	\$25.04	Yes	\$1,000.00	\$974.96
2600	15-Aug-12	15	3	\$25.04	Yes	\$1,000.00	\$974.96
2601	15-Aug-12	15	4	\$25.12	Yes	\$1,000.00	\$974.88
2602	15-Aug-12	15	5	\$25.12	Yes	\$1,000.00	\$974.88
2603	15-Aug-12	15	6	\$25.31	Yes	\$1,000.00	\$974.69
2604	15-Aug-12	15	7	\$25.12	Yes	\$1,000.00	\$974.88
2605	15-Aug-12	15	8	\$25.86	Yes	\$1,000.00	\$974.14

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2606	15-Aug-12	15	9	\$25.56	Yes	\$1,000.00	\$974.44
2607	15-Aug-12	15	10	\$25.66	Yes	\$1,000.00	\$974.34
2608	15-Aug-12	15	11	\$24.67	Yes	\$1,000.00	\$975.33
2609	15-Aug-12	15	12	\$24.20	Yes	\$1,000.00	\$975.80
2610	15-Aug-12	16	1	\$24.38	Yes	\$1,000.00	\$975.62
2611	15-Aug-12	16	2	\$24.38	Yes	\$1,000.00	\$975.62
2612	15-Aug-12	16	3	\$24.38	Yes	\$1,000.00	\$975.62
2613	15-Aug-12	16	4	\$24.86	Yes	\$1,000.00	\$975.14
2614	15-Aug-12	16	5	\$25.94	Yes	\$1,000.00	\$974.06
2615	15-Aug-12	16	6	\$25.39	Yes	\$1,000.00	\$974.61
2616	15-Aug-12	16	7	\$26.29	Yes	\$1,000.00	\$973.71
2617	15-Aug-12	16	8	\$26.99	Yes	\$1,000.00	\$973.01
2618	15-Aug-12	16	9	\$26.99	Yes	\$1,000.00	\$973.01
2619	15-Aug-12	16	10	\$25.74	Yes	\$1,000.00	\$974.26
2620	15-Aug-12	16	11	\$25.74	Yes	\$1,000.00	\$974.26
2621	15-Aug-12	16	12	\$25.74	Yes	\$1,000.00	\$974.26
2622	15-Aug-12	17	1	\$26.35	Yes	\$1,000.00	\$973.65
2623	15-Aug-12	17	2	\$26.35	Yes	\$1,000.00	\$973.65
2624	15-Aug-12	17	3	\$25.69	Yes	\$1,000.00	\$974.31
2625	15-Aug-12	17	4	\$25.47	Yes	\$1,000.00	\$974.53
2626	15-Aug-12	17	5	\$25.47	Yes	\$1,000.00	\$974.53
2627	15-Aug-12	17	6	\$25.76	Yes	\$1,000.00	\$974.24
2628	15-Aug-12	17	7	\$26.54	Yes	\$1,000.00	\$973.46
2629	15-Aug-12	17	8	\$25.75	Yes	\$1,000.00	\$974.25
2630	15-Aug-12	17	9	\$25.48	Yes	\$1,000.00	\$974.52
2631	15-Aug-12	17	10	\$25.27	Yes	\$1,000.00	\$974.73
2632	15-Aug-12	17	11	\$24.60	Yes	\$1,000.00	\$975.40
2633	15-Aug-12	17	12	\$24.67	Yes	\$1,000.00	\$975.33
2634	15-Aug-12	18	1	\$23.69	Yes	\$1,000.00	\$976.31
2635	15-Aug-12	18	2	\$23.79	Yes	\$1,000.00	\$976.21
2636	15-Aug-12	18	3	\$23.74	Yes	\$1,000.00	\$976.26
2637	15-Aug-12	18	4	\$23.69	Yes	\$1,000.00	\$976.31
2638	15-Aug-12	18	5	\$23.47	Yes	\$1,000.00	\$976.53
2639	15-Aug-12	18	6	\$23.47	Yes	\$1,000.00	\$976.53
2640	15-Aug-12	18	7	\$23.40	Yes	\$1,000.00	\$976.60
2641	15-Aug-12	18	8	\$23.35	Yes	\$1,000.00	\$976.65
2642	15-Aug-12	18	9	\$23.35	Yes	\$1,000.00	\$976.65
2643	15-Aug-12	18	10	\$22.83	Yes	\$1,000.00	\$977.17
2644	15-Aug-12	18	11	\$22.74	Yes	\$1,000.00	\$977.26
2645	15-Aug-12	18	12	\$22.70	Yes	\$1,000.00	\$977.30
2646	15-Aug-12	19	1	\$22.82	Yes	\$1,000.00	\$977.18
2647	15-Aug-12	19	2	\$22.22	Yes	\$1,000.00	\$977.78
2648	15-Aug-12	19	3	\$22.22	Yes	\$1,000.00	\$977.78
2649	15-Aug-12	19	4	\$22.90	Yes	\$1,000.00	\$977.10
2650	15-Aug-12	19	5	\$22.31	Yes	\$1,000.00	\$977.69

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2651	15-Aug-12	19	6	\$22.15	Yes	\$1,000.00	\$977.85
2652	15-Aug-12	19	7	\$22.04	Yes	\$1,000.00	\$977.96
2653	15-Aug-12	19	8	\$20.72	Yes	\$1,000.00	\$979.28
2654	15-Aug-12	19	9	\$20.55	Yes	\$1,000.00	\$979.45
2655	15-Aug-12	19	10	\$20.41	Yes	\$1,000.00	\$979.59
2656	15-Aug-12	19	11	\$19.87	Yes	\$1,000.00	\$980.13
2657	15-Aug-12	19	12	\$20.14	Yes	\$1,000.00	\$979.86
2658	15-Aug-12	20	1	\$20.42	Yes	\$1,000.00	\$979.58
2659	15-Aug-12	20	2	\$20.17	Yes	\$1,000.00	\$979.83
2660	15-Aug-12	20	3	\$20.64	Yes	\$1,000.00	\$979.36
2661	15-Aug-12	20	4	\$20.62	Yes	\$1,000.00	\$979.38
2662	15-Aug-12	20	5	\$20.33	Yes	\$1,000.00	\$979.67
2663	15-Aug-12	20	6	\$20.36	Yes	\$1,000.00	\$979.64
2664	15-Aug-12	20	7	\$20.49	Yes	\$1,000.00	\$979.51
2665	15-Aug-12	20	8	\$20.65	Yes	\$1,000.00	\$979.35
2666	15-Aug-12	20	9	\$20.53	Yes	\$1,000.00	\$979.47
2667	15-Aug-12	20	10	\$20.77	Yes	\$1,000.00	\$979.23
2668	15-Aug-12	20	11	\$20.77	Yes	\$1,000.00	\$979.23
2669	15-Aug-12	20	12	\$20.56	Yes	\$1,000.00	\$979.44
2670	15-Aug-12	21	1	\$22.07	Yes	\$1,000.00	\$977.93
2671	15-Aug-12	21	2	\$22.17	Yes	\$1,000.00	\$977.83
2672	15-Aug-12	21	3	\$23.12	Yes	\$1,000.00	\$976.88
2673	15-Aug-12	21	4	\$23.59	Yes	\$1,000.00	\$976.41
2674	15-Aug-12	21	5	\$23.53	Yes	\$1,000.00	\$976.47
2675	15-Aug-12	21	6	\$23.52	Yes	\$1,000.00	\$976.48
2676	15-Aug-12	21	7	\$23.46	Yes	\$1,000.00	\$976.54
2677	15-Aug-12	21	8	\$22.90	Yes	\$1,000.00	\$977.10
2678	15-Aug-12	21	9	\$22.10	Yes	\$1,000.00	\$977.90
2679	15-Aug-12	21	10	\$21.81	Yes	\$1,000.00	\$978.19
2680	15-Aug-12	21	11	\$21.50	Yes	\$1,000.00	\$978.50
2681	15-Aug-12	21	12	\$21.52	Yes	\$1,000.00	\$978.48
2682	15-Aug-12	22	1	\$22.76	Yes	\$1,000.00	\$977.24
2683	15-Aug-12	22	2	\$22.19	Yes	\$1,000.00	\$977.81
2684	15-Aug-12	22	3	\$22.19	Yes	\$1,000.00	\$977.81
2685	15-Aug-12	22	4	\$21.07	Yes	\$1,000.00	\$978.93
2686	15-Aug-12	22	5	\$21.06	Yes	\$1,000.00	\$978.94
2687	15-Aug-12	22	6	\$21.04	Yes	\$1,000.00	\$978.96
2688	15-Aug-12	22	7	\$20.42	Yes	\$1,000.00	\$979.58
2689	15-Aug-12	22	8	\$19.81	Yes	\$1,000.00	\$980.19
2690	15-Aug-12	22	9	\$19.53	Yes	\$1,000.00	\$980.47
2691	15-Aug-12	22	10	\$18.46	Yes	\$1,000.00	\$981.54
2692	15-Aug-12	22	11	\$18.23	Yes	\$1,000.00	\$981.77
2693	15-Aug-12	22	12	\$18.23	Yes	\$1,000.00	\$981.77
2694	15-Aug-12	23	1	\$21.70	Yes	\$1,000.00	\$978.30
2695	15-Aug-12	23	2	\$21.45	Yes	\$1,000.00	\$978.55



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2696	15-Aug-12	23	3	\$21.70	Yes	\$1,000.00	\$978.30
2697	15-Aug-12	23	4	\$20.36	Yes	\$1,000.00	\$979.64
2698	15-Aug-12	23	5	\$21.37	Yes	\$1,000.00	\$978.63
2699	15-Aug-12	23	6	\$20.40	Yes	\$1,000.00	\$979.60
2700	15-Aug-12	23	7	\$18.81	Yes	\$1,000.00	\$981.19
2701	15-Aug-12	23	8	\$17.77	Yes	\$1,000.00	\$982.23
2702	15-Aug-12	23	9	\$16.24	Yes	\$1,000.00	\$983.76
2703	15-Aug-12	23	10	\$7.89	Yes	\$1,000.00	\$992.11
2704	15-Aug-12	23	11	\$0.01	Yes	\$1,000.00	\$999.99
2705	15-Aug-12	23	12	(\$31.14)	Yes	\$1,000.00	\$1,031.14
2706	15-Aug-12	24	1	(\$4.62)	Yes	\$1,000.00	\$1,004.62
2707	15-Aug-12	24	2	\$1.67	Yes	\$1,000.00	\$998.33
2708	15-Aug-12	24	3	\$1.67	Yes	\$1,000.00	\$998.33
2709	15-Aug-12	24	4	\$5.43	Yes	\$1,000.00	\$994.57
2710	15-Aug-12	24	5	\$2.73	Yes	\$1,000.00	\$997.27
2711	15-Aug-12	24	6	\$5.43	Yes	\$1,000.00	\$994.57
2712	15-Aug-12	24	7	\$0.01	Yes	\$1,000.00	\$999.99
2713	15-Aug-12	24	8	(\$4.61)	Yes	\$1,000.00	\$1,004.61
2714	15-Aug-12	24	9	(\$4.61)	Yes	\$1,000.00	\$1,004.61
2715	15-Aug-12	24	10	(\$3.48)	Yes	\$1,000.00	\$1,003.48
2716	15-Aug-12	24	11	(\$3.48)	Yes	\$1,000.00	\$1,003.48
2717	15-Aug-12	24	12	(\$3.48)	Yes	\$1,000.00	\$1,003.48
2718	16-Aug-12	1	1	(\$3.48)	Yes	\$1,000.00	\$1,003.48
2719	16-Aug-12	1	2	(\$3.48)	Yes	\$1,000.00	\$1,003.48
2720	16-Aug-12	1	3	\$13.46	Yes	\$1,000.00	\$986.54
2721	16-Aug-12	1	4	\$13.46	Yes	\$1,000.00	\$986.54
2722	16-Aug-12	1	5	\$13.32	Yes	\$1,000.00	\$986.68
2723	16-Aug-12	1	6	(\$31.01)	Yes	\$1,000.00	\$1,031.01
2724	16-Aug-12	1	7	(\$4.54)	Yes	\$1,000.00	\$1,004.54
2725	16-Aug-12	1	8	(\$9.51)	Yes	\$1,000.00	\$1,009.51
2726	16-Aug-12	1	9	\$1.62	Yes	\$1,000.00	\$998.38
2727	16-Aug-12	1	10	\$12.22	Yes	\$1,000.00	\$987.78
2728	16-Aug-12	1	11	\$7.82	Yes	\$1,000.00	\$992.18
2729	16-Aug-12	1	12	\$12.77	Yes	\$1,000.00	\$987.23
2730	16-Aug-12	2	1	\$22.63	Yes	\$1,000.00	\$977.37
2731	16-Aug-12	2	2	\$23.71	Yes	\$1,000.00	\$976.29
2732	16-Aug-12	2	3	\$23.79	Yes	\$1,000.00	\$976.21
2733	16-Aug-12	2	4	\$23.65	Yes	\$1,000.00	\$976.35
2734	16-Aug-12	2	5	\$23.63	Yes	\$1,000.00	\$976.37
2735	16-Aug-12	2	6	\$23.65	Yes	\$1,000.00	\$976.35
2736	16-Aug-12	2	7	\$23.59	Yes	\$1,000.00	\$976.41
2737	16-Aug-12	2	8	\$23.56	Yes	\$1,000.00	\$976.44
2738	16-Aug-12	2	9	\$15.89	Yes	\$1,000.00	\$984.11
2739	16-Aug-12	2	10	\$15.78	Yes	\$1,000.00	\$984.22
2740	16-Aug-12	2	11	\$15.78	Yes	\$1,000.00	\$984.22

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2741	16-Aug-12	2	12	\$17.58	Yes	\$1,000.00	\$982.42
2742	16-Aug-12	3	1	\$19.94	Yes	\$1,000.00	\$980.06
2743	16-Aug-12	3	2	\$21.69	Yes	\$1,000.00	\$978.31
2744	16-Aug-12	3	3	\$21.11	Yes	\$1,000.00	\$978.89
2745	16-Aug-12	3	4	\$21.39	Yes	\$1,000.00	\$978.61
2746	16-Aug-12	3	5	\$20.85	Yes	\$1,000.00	\$979.15
2747	16-Aug-12	3	6	\$20.85	Yes	\$1,000.00	\$979.15
2748	16-Aug-12	3	7	\$20.92	Yes	\$1,000.00	\$979.08
2749	16-Aug-12	3	8	\$21.00	Yes	\$1,000.00	\$979.00
2750	16-Aug-12	3	9	\$20.52	Yes	\$1,000.00	\$979.48
2751	16-Aug-12	3	10	\$19.89	Yes	\$1,000.00	\$980.11
2752	16-Aug-12	3	11	\$20.90	Yes	\$1,000.00	\$979.10
2753	16-Aug-12	3	12	\$20.50	Yes	\$1,000.00	\$979.50
2754	16-Aug-12	4	1	\$21.62	Yes	\$1,000.00	\$978.38
2755	16-Aug-12	4	2	\$21.02	Yes	\$1,000.00	\$978.98
2756	16-Aug-12	4	3	\$21.02	Yes	\$1,000.00	\$978.98
2757	16-Aug-12	4	4	\$21.07	Yes	\$1,000.00	\$978.93
2758	16-Aug-12	4	5	\$21.07	Yes	\$1,000.00	\$978.93
2759	16-Aug-12	4	6	\$20.62	Yes	\$1,000.00	\$979.38
2760	16-Aug-12	4	7	\$20.62	Yes	\$1,000.00	\$979.38
2761	16-Aug-12	4	8	\$19.94	Yes	\$1,000.00	\$980.06
2762	16-Aug-12	4	9	\$19.61	Yes	\$1,000.00	\$980.39
2763	16-Aug-12	4	10	\$17.83	Yes	\$1,000.00	\$982.17
2764	16-Aug-12	4	11	\$16.03	Yes	\$1,000.00	\$983.97
2765	16-Aug-12	4	12	\$16.03	Yes	\$1,000.00	\$983.97
2766	16-Aug-12	5	1	\$0.01	Yes	\$1,000.00	\$999.99
2767	16-Aug-12	5	2	(\$32.97)	Yes	\$1,000.00	\$1,032.97
2768	16-Aug-12	5	3	(\$31.57)	Yes	\$1,000.00	\$1,031.57
2769	16-Aug-12	5	4	(\$31.65)	Yes	\$1,000.00	\$1,031.65
2770	16-Aug-12	5	5	(\$31.57)	Yes	\$1,000.00	\$1,031.57
2771	16-Aug-12	5	6	(\$31.61)	Yes	\$1,000.00	\$1,031.61
2772	16-Aug-12	5	7	(\$31.57)	Yes	\$1,000.00	\$1,031.57
2773	16-Aug-12	5	8	(\$31.65)	Yes	\$1,000.00	\$1,031.65
2774	16-Aug-12	5	9	(\$31.59)	Yes	\$1,000.00	\$1,031.59
2775	16-Aug-12	5	10	(\$31.43)	Yes	\$1,000.00	\$1,031.43
2776	16-Aug-12	5	11	\$0.01	Yes	\$1,000.00	\$999.99
2777	16-Aug-12	5	12	\$0.01	Yes	\$1,000.00	\$999.99
2778	16-Aug-12	6	1	(\$32.79)	Yes	\$1,000.00	\$1,032.79
2779	16-Aug-12	6	2	(\$31.42)	Yes	\$1,000.00	\$1,031.42
2780	16-Aug-12	6	3	(\$31.50)	Yes	\$1,000.00	\$1,031.50
2781	16-Aug-12	6	4	\$0.01	Yes	\$1,000.00	\$999.99
2782	16-Aug-12	6	5	\$11.07	Yes	\$1,000.00	\$988.93
2783	16-Aug-12	6	6	\$13.51	Yes	\$1,000.00	\$986.49
2784	16-Aug-12	6	7	\$14.81	Yes	\$1,000.00	\$985.19
2785	16-Aug-12	6	8	\$14.82	Yes	\$1,000.00	\$985.18

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2786	16-Aug-12	6	9	\$19.97	Yes	\$1,000.00	\$980.03
2787	16-Aug-12	6	10	\$22.46	Yes	\$1,000.00	\$977.54
2788	16-Aug-12	6	11	\$20.89	Yes	\$1,000.00	\$979.11
2789	16-Aug-12	6	12	\$22.66	Yes	\$1,000.00	\$977.34
2790	16-Aug-12	7	1	\$16.32	Yes	\$1,000.00	\$983.68
2791	16-Aug-12	7	2	\$19.59	Yes	\$1,000.00	\$980.41
2792	16-Aug-12	7	3	\$21.34	Yes	\$1,000.00	\$978.66
2793	16-Aug-12	7	4	\$15.96	Yes	\$1,000.00	\$984.04
2794	16-Aug-12	7	5	\$19.51	Yes	\$1,000.00	\$980.49
2795	16-Aug-12	7	6	\$19.69	Yes	\$1,000.00	\$980.31
2796	16-Aug-12	7	7	\$19.68	Yes	\$1,000.00	\$980.32
2797	16-Aug-12	7	8	\$19.84	Yes	\$1,000.00	\$980.16
2798	16-Aug-12	7	9	\$20.66	Yes	\$1,000.00	\$979.34
2799	16-Aug-12	7	10	\$20.68	Yes	\$1,000.00	\$979.32
2800	16-Aug-12	7	11	\$20.85	Yes	\$1,000.00	\$979.15
2801	16-Aug-12	7	12	\$20.85	Yes	\$1,000.00	\$979.15
2802	16-Aug-12	8	1	\$15.95	Yes	\$1,000.00	\$984.05
2803	16-Aug-12	8	2	\$19.41	Yes	\$1,000.00	\$980.59
2804	16-Aug-12	8	3	\$19.72	Yes	\$1,000.00	\$980.28
2805	16-Aug-12	8	4	\$19.76	Yes	\$1,000.00	\$980.24
2806	16-Aug-12	8	5	\$19.88	Yes	\$1,000.00	\$980.12
2807	16-Aug-12	8	6	\$19.88	Yes	\$1,000.00	\$980.12
2808	16-Aug-12	8	7	\$23.62	Yes	\$1,000.00	\$976.38
2809	16-Aug-12	8	8	\$23.49	Yes	\$1,000.00	\$976.51
2810	16-Aug-12	8	9	\$23.65	Yes	\$1,000.00	\$976.35
2811	16-Aug-12	8	10	\$23.82	Yes	\$1,000.00	\$976.18
2812	16-Aug-12	8	11	\$23.73	Yes	\$1,000.00	\$976.27
2813	16-Aug-12	8	12	\$23.82	Yes	\$1,000.00	\$976.18
2814	16-Aug-12	9	1	\$16.74	Yes	\$1,000.00	\$983.26
2815	16-Aug-12	9	2	\$17.04	Yes	\$1,000.00	\$982.96
2816	16-Aug-12	9	3	\$17.40	Yes	\$1,000.00	\$982.60
2817	16-Aug-12	9	4	\$17.56	Yes	\$1,000.00	\$982.44
2818	16-Aug-12	9	5	\$19.23	Yes	\$1,000.00	\$980.77
2819	16-Aug-12	9	6	\$19.42	Yes	\$1,000.00	\$980.58
2820	16-Aug-12	9	7	\$19.85	Yes	\$1,000.00	\$980.15
2821	16-Aug-12	9	8	\$19.95	Yes	\$1,000.00	\$980.05
2822	16-Aug-12	9	9	\$19.98	Yes	\$1,000.00	\$980.02
2823	16-Aug-12	9	10	\$22.43	Yes	\$1,000.00	\$977.57
2824	16-Aug-12	9	11	\$21.20	Yes	\$1,000.00	\$978.80
2825	16-Aug-12	9	12	\$20.01	Yes	\$1,000.00	\$979.99
2826	16-Aug-12	10	1	\$17.62	Yes	\$1,000.00	\$982.38
2827	16-Aug-12	10	2	\$17.62	Yes	\$1,000.00	\$982.38
2828	16-Aug-12	10	3	\$17.65	Yes	\$1,000.00	\$982.35
2829	16-Aug-12	10	4	\$17.64	Yes	\$1,000.00	\$982.36
2830	16-Aug-12	10	5	\$17.64	Yes	\$1,000.00	\$982.36

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2831	16-Aug-12	10	6	\$17.66	Yes	\$1,000.00	\$982.34
2832	16-Aug-12	10	7	\$19.66	Yes	\$1,000.00	\$980.34
2833	16-Aug-12	10	8	\$18.21	Yes	\$1,000.00	\$981.79
2834	16-Aug-12	10	9	\$19.97	Yes	\$1,000.00	\$980.03
2835	16-Aug-12	10	10	\$22.02	Yes	\$1,000.00	\$977.98
2836	16-Aug-12	10	11	\$22.02	Yes	\$1,000.00	\$977.98
2837	16-Aug-12	10	12	\$22.02	Yes	\$1,000.00	\$977.98
2838	16-Aug-12	11	1	\$22.05	Yes	\$1,000.00	\$977.95
2839	16-Aug-12	11	2	\$22.37	Yes	\$1,000.00	\$977.63
2840	16-Aug-12	11	3	\$22.37	Yes	\$1,000.00	\$977.63
2841	16-Aug-12	11	4	\$22.31	Yes	\$1,000.00	\$977.69
2842	16-Aug-12	11	5	\$21.43	Yes	\$1,000.00	\$978.57
2843	16-Aug-12	11	6	\$21.45	Yes	\$1,000.00	\$978.55
2844	16-Aug-12	11	7	\$21.88	Yes	\$1,000.00	\$978.12
2845	16-Aug-12	11	8	\$22.54	Yes	\$1,000.00	\$977.46
2846	16-Aug-12	11	9	\$23.90	Yes	\$1,000.00	\$976.10
2847	16-Aug-12	11	10	\$25.09	Yes	\$1,000.00	\$974.91
2848	16-Aug-12	11	11	\$25.09	Yes	\$1,000.00	\$974.91
2849	16-Aug-12	11	12	\$25.94	Yes	\$1,000.00	\$974.06
2850	16-Aug-12	12	1	\$23.57	Yes	\$1,000.00	\$976.43
2851	16-Aug-12	12	2	\$21.39	Yes	\$1,000.00	\$978.61
2852	16-Aug-12	12	3	\$21.64	Yes	\$1,000.00	\$978.36
2853	16-Aug-12	12	4	\$23.56	Yes	\$1,000.00	\$976.44
2854	16-Aug-12	12	5	\$23.65	Yes	\$1,000.00	\$976.35
2855	16-Aug-12	12	6	\$23.72	Yes	\$1,000.00	\$976.28
2856	16-Aug-12	12	7	\$23.77	Yes	\$1,000.00	\$976.23
2857	16-Aug-12	12	8	\$24.19	Yes	\$1,000.00	\$975.81
2858	16-Aug-12	12	9	\$25.71	Yes	\$1,000.00	\$974.29
2859	16-Aug-12	12	10	\$24.22	Yes	\$1,000.00	\$975.78
2860	16-Aug-12	12	11	\$29.55	Yes	\$1,000.00	\$970.45
2861	16-Aug-12	12	12	\$30.06	Yes	\$1,000.00	\$969.94
2862	16-Aug-12	13	1	\$24.23	Yes	\$1,000.00	\$975.77
2863	16-Aug-12	13	2	\$24.47	Yes	\$1,000.00	\$975.53
2864	16-Aug-12	13	3	\$24.53	Yes	\$1,000.00	\$975.47
2865	16-Aug-12	13	4	\$161.16	Yes	\$1,000.00	\$838.84
2866	16-Aug-12	13	5	\$165.28	Yes	\$1,000.00	\$834.72
2867	16-Aug-12	13	6	\$161.16	Yes	\$1,000.00	\$838.84
2868	16-Aug-12	13	7	\$142.64	Yes	\$1,000.00	\$857.36
2869	16-Aug-12	13	8	\$26.13	Yes	\$1,000.00	\$973.87
2870	16-Aug-12	13	9	\$26.14	Yes	\$1,000.00	\$973.86
2871	16-Aug-12	13	10	\$164.75	Yes	\$1,000.00	\$835.25
2872	16-Aug-12	13	11	\$94.49	Yes	\$1,000.00	\$905.51
2873	16-Aug-12	13	12	\$148.53	Yes	\$1,000.00	\$851.47
2874	16-Aug-12	14	1	\$23.85	Yes	\$1,000.00	\$976.15
2875	16-Aug-12	14	2	\$26.04	Yes	\$1,000.00	\$973.96

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2876	16-Aug-12	14	3	\$23.85	Yes	\$1,000.00	\$976.15
2877	16-Aug-12	14	4	\$170.64	Yes	\$1,000.00	\$829.36
2878	16-Aug-12	14	5	\$26.18	Yes	\$1,000.00	\$973.82
2879	16-Aug-12	14	6	\$26.75	Yes	\$1,000.00	\$973.25
2880	16-Aug-12	14	7	\$27.93	Yes	\$1,000.00	\$972.07
2881	16-Aug-12	14	8	\$30.82	Yes	\$1,000.00	\$969.18
2882	16-Aug-12	14	9	\$30.87	Yes	\$1,000.00	\$969.13
2883	16-Aug-12	14	10	\$27.02	Yes	\$1,000.00	\$972.98
2884	16-Aug-12	14	11	\$29.43	Yes	\$1,000.00	\$970.57
2885	16-Aug-12	14	12	\$29.43	Yes	\$1,000.00	\$970.57
2886	16-Aug-12	15	1	\$30.70	Yes	\$1,000.00	\$969.30
2887	16-Aug-12	15	2	\$30.32	Yes	\$1,000.00	\$969.68
2888	16-Aug-12	15	3	\$30.08	Yes	\$1,000.00	\$969.92
2889	16-Aug-12	15	4	\$30.54	Yes	\$1,000.00	\$969.46
2890	16-Aug-12	15	5	\$31.10	Yes	\$1,000.00	\$968.90
2891	16-Aug-12	15	6	\$32.42	Yes	\$1,000.00	\$967.58
2892	16-Aug-12	15	7	\$32.83	Yes	\$1,000.00	\$967.17
2893	16-Aug-12	15	8	\$41.54	Yes	\$1,000.00	\$958.46
2894	16-Aug-12	15	9	\$34.74	Yes	\$1,000.00	\$965.26
2895	16-Aug-12	15	10	\$33.68	Yes	\$1,000.00	\$966.32
2896	16-Aug-12	15	11	\$33.68	Yes	\$1,000.00	\$966.32
2897	16-Aug-12	15	12	\$34.28	Yes	\$1,000.00	\$965.72
2898	16-Aug-12	16	1	\$34.36	Yes	\$1,000.00	\$965.64
2899	16-Aug-12	16	2	\$33.56	Yes	\$1,000.00	\$966.44
2900	16-Aug-12	16	3	\$33.15	Yes	\$1,000.00	\$966.85
2901	16-Aug-12	16	4	\$33.26	Yes	\$1,000.00	\$966.74
2902	16-Aug-12	16	5	\$34.00	Yes	\$1,000.00	\$966.00
2903	16-Aug-12	16	6	\$33.69	Yes	\$1,000.00	\$966.31
2904	16-Aug-12	16	7	\$32.46	Yes	\$1,000.00	\$967.54
2905	16-Aug-12	16	8	\$32.46	Yes	\$1,000.00	\$967.54
2906	16-Aug-12	16	9	\$32.95	Yes	\$1,000.00	\$967.05
2907	16-Aug-12	16	10	\$33.62	Yes	\$1,000.00	\$966.38
2908	16-Aug-12	16	11	\$33.88	Yes	\$1,000.00	\$966.12
2909	16-Aug-12	16	12	\$32.87	Yes	\$1,000.00	\$967.13
2910	16-Aug-12	17	1	\$38.09	Yes	\$1,000.00	\$961.91
2911	16-Aug-12	17	2	\$31.95	Yes	\$1,000.00	\$968.05
2912	16-Aug-12	17	3	\$31.39	Yes	\$1,000.00	\$968.61
2913	16-Aug-12	17	4	\$31.69	Yes	\$1,000.00	\$968.31
2914	16-Aug-12	17	5	\$31.81	Yes	\$1,000.00	\$968.19
2915	16-Aug-12	17	6	\$31.08	Yes	\$1,000.00	\$968.92
2916	16-Aug-12	17	7	\$30.47	Yes	\$1,000.00	\$969.53
2917	16-Aug-12	17	8	\$29.56	Yes	\$1,000.00	\$970.44
2918	16-Aug-12	17	9	\$29.51	Yes	\$1,000.00	\$970.49
2919	16-Aug-12	17	10	\$29.84	Yes	\$1,000.00	\$970.16
2920	16-Aug-12	17	11	\$30.14	Yes	\$1,000.00	\$969.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2921	16-Aug-12	17	12	\$30.13	Yes	\$1,000.00	\$969.87
2922	16-Aug-12	18	1	\$29.52	Yes	\$1,000.00	\$970.48
2923	16-Aug-12	18	2	\$29.55	Yes	\$1,000.00	\$970.45
2924	16-Aug-12	18	3	\$29.13	Yes	\$1,000.00	\$970.87
2925	16-Aug-12	18	4	\$29.10	Yes	\$1,000.00	\$970.90
2926	16-Aug-12	18	5	\$29.04	Yes	\$1,000.00	\$970.96
2927	16-Aug-12	18	6	\$28.02	Yes	\$1,000.00	\$971.98
2928	16-Aug-12	18	7	\$27.48	Yes	\$1,000.00	\$972.52
2929	16-Aug-12	18	8	\$28.00	Yes	\$1,000.00	\$972.00
2930	16-Aug-12	18	9	\$27.91	Yes	\$1,000.00	\$972.09
2931	16-Aug-12	18	10	\$26.68	Yes	\$1,000.00	\$973.32
2932	16-Aug-12	18	11	\$26.68	Yes	\$1,000.00	\$973.32
2933	16-Aug-12	18	12	\$26.22	Yes	\$1,000.00	\$973.78
2934	16-Aug-12	19	1	\$28.50	Yes	\$1,000.00	\$971.50
2935	16-Aug-12	19	2	\$28.05	Yes	\$1,000.00	\$971.95
2936	16-Aug-12	19	3	\$28.05	Yes	\$1,000.00	\$971.95
2937	16-Aug-12	19	4	\$29.29	Yes	\$1,000.00	\$970.71
2938	16-Aug-12	19	5	\$28.79	Yes	\$1,000.00	\$971.21
2939	16-Aug-12	19	6	\$29.29	Yes	\$1,000.00	\$970.71
2940	16-Aug-12	19	7	\$24.59	Yes	\$1,000.00	\$975.41
2941	16-Aug-12	19	8	\$24.58	Yes	\$1,000.00	\$975.42
2942	16-Aug-12	19	9	\$24.38	Yes	\$1,000.00	\$975.62
2943	16-Aug-12	19	10	\$24.72	Yes	\$1,000.00	\$975.28
2944	16-Aug-12	19	11	\$24.25	Yes	\$1,000.00	\$975.75
2945	16-Aug-12	19	12	\$22.95	Yes	\$1,000.00	\$977.05
2946	16-Aug-12	20	1	\$23.76	Yes	\$1,000.00	\$976.24
2947	16-Aug-12	20	2	\$23.76	Yes	\$1,000.00	\$976.24
2948	16-Aug-12	20	3	\$24.09	Yes	\$1,000.00	\$975.91
2949	16-Aug-12	20	4	\$23.81	Yes	\$1,000.00	\$976.19
2950	16-Aug-12	20	5	\$24.05	Yes	\$1,000.00	\$975.95
2951	16-Aug-12	20	6	\$23.33	Yes	\$1,000.00	\$976.67
2952	16-Aug-12	20	7	\$23.60	Yes	\$1,000.00	\$976.40
2953	16-Aug-12	20	8	\$23.12	Yes	\$1,000.00	\$976.88
2954	16-Aug-12	20	9	\$23.63	Yes	\$1,000.00	\$976.37
2955	16-Aug-12	20	10	\$23.73	Yes	\$1,000.00	\$976.27
2956	16-Aug-12	20	11	\$23.73	Yes	\$1,000.00	\$976.27
2957	16-Aug-12	20	12	\$23.49	Yes	\$1,000.00	\$976.51
2958	16-Aug-12	21	1	\$23.84	Yes	\$1,000.00	\$976.16
2959	16-Aug-12	21	2	\$24.49	Yes	\$1,000.00	\$975.51
2960	16-Aug-12	21	3	\$25.94	Yes	\$1,000.00	\$974.06
2961	16-Aug-12	21	4	\$26.66	Yes	\$1,000.00	\$973.34
2962	16-Aug-12	21	5	\$26.47	Yes	\$1,000.00	\$973.53
2963	16-Aug-12	21	6	\$26.30	Yes	\$1,000.00	\$973.70
2964	16-Aug-12	21	7	\$26.11	Yes	\$1,000.00	\$973.89
2965	16-Aug-12	21	8	\$25.44	Yes	\$1,000.00	\$974.56

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2966	16-Aug-12	21	9	\$25.34	Yes	\$1,000.00	\$974.66
2967	16-Aug-12	21	10	\$24.17	Yes	\$1,000.00	\$975.83
2968	16-Aug-12	21	11	\$23.74	Yes	\$1,000.00	\$976.26
2969	16-Aug-12	21	12	\$23.29	Yes	\$1,000.00	\$976.71
2970	16-Aug-12	22	1	\$24.33	Yes	\$1,000.00	\$975.67
2971	16-Aug-12	22	2	\$24.33	Yes	\$1,000.00	\$975.67
2972	16-Aug-12	22	3	\$25.45	Yes	\$1,000.00	\$974.55
2973	16-Aug-12	22	4	\$25.67	Yes	\$1,000.00	\$974.33
2974	16-Aug-12	22	5	\$24.64	Yes	\$1,000.00	\$975.36
2975	16-Aug-12	22	6	\$24.60	Yes	\$1,000.00	\$975.40
2976	16-Aug-12	22	7	\$23.86	Yes	\$1,000.00	\$976.14
2977	16-Aug-12	22	8	\$22.85	Yes	\$1,000.00	\$977.15
2978	16-Aug-12	22	9	\$23.34	Yes	\$1,000.00	\$976.66
2979	16-Aug-12	22	10	\$23.53	Yes	\$1,000.00	\$976.47
2980	16-Aug-12	22	11	\$22.29	Yes	\$1,000.00	\$977.71
2981	16-Aug-12	22	12	\$21.46	Yes	\$1,000.00	\$978.54
2982	16-Aug-12	23	1	\$22.40	Yes	\$1,000.00	\$977.60
2983	16-Aug-12	23	2	\$22.40	Yes	\$1,000.00	\$977.60
2984	16-Aug-12	23	3	\$23.63	Yes	\$1,000.00	\$976.37
2985	16-Aug-12	23	4	\$22.19	Yes	\$1,000.00	\$977.81
2986	16-Aug-12	23	5	\$22.26	Yes	\$1,000.00	\$977.74
2987	16-Aug-12	23	6	\$20.70	Yes	\$1,000.00	\$979.30
2988	16-Aug-12	23	7	\$21.00	Yes	\$1,000.00	\$979.00
2989	16-Aug-12	23	8	\$18.97	Yes	\$1,000.00	\$981.03
2990	16-Aug-12	23	9	\$18.97	Yes	\$1,000.00	\$981.03
2991	16-Aug-12	23	10	\$18.23	Yes	\$1,000.00	\$981.77
2992	16-Aug-12	23	11	\$17.19	Yes	\$1,000.00	\$982.81
2993	16-Aug-12	23	12	\$14.69	Yes	\$1,000.00	\$985.31
2994	16-Aug-12	24	1	\$19.53	Yes	\$1,000.00	\$980.47
2995	16-Aug-12	24	2	\$19.64	Yes	\$1,000.00	\$980.36
2996	16-Aug-12	24	3	\$19.64	Yes	\$1,000.00	\$980.36
2997	16-Aug-12	24	4	\$19.38	Yes	\$1,000.00	\$980.62
2998	16-Aug-12	24	5	\$19.37	Yes	\$1,000.00	\$980.63
2999	16-Aug-12	24	6	\$19.24	Yes	\$1,000.00	\$980.76
3000	16-Aug-12	24	7	\$17.31	Yes	\$1,000.00	\$982.69
3001	16-Aug-12	24	8	\$16.65	Yes	\$1,000.00	\$983.35
3002	16-Aug-12	24	9	\$15.95	Yes	\$1,000.00	\$984.05
3003	16-Aug-12	24	10	\$14.47	Yes	\$1,000.00	\$985.53
3004	16-Aug-12	24	11	\$11.20	Yes	\$1,000.00	\$988.80
3005	16-Aug-12	24	12	\$0.77	Yes	\$1,000.00	\$999.23
3006	17-Aug-12	1	1	\$16.34	Yes	\$1,000.00	\$983.66
3007	17-Aug-12	1	2	\$20.21	Yes	\$1,000.00	\$979.79
3008	17-Aug-12	1	3	\$25.56	Yes	\$1,000.00	\$974.44
3009	17-Aug-12	1	4	\$22.62	Yes	\$1,000.00	\$977.38
3010	17-Aug-12	1	5	\$22.89	Yes	\$1,000.00	\$977.11

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3011	17-Aug-12	1	6	\$22.71	Yes	\$1,000.00	\$977.29
3012	17-Aug-12	1	7	\$20.11	Yes	\$1,000.00	\$979.89
3013	17-Aug-12	1	8	\$20.16	Yes	\$1,000.00	\$979.84
3014	17-Aug-12	1	9	\$20.15	Yes	\$1,000.00	\$979.85
3015	17-Aug-12	1	10	\$16.13	Yes	\$1,000.00	\$983.87
3016	17-Aug-12	1	11	\$16.13	Yes	\$1,000.00	\$983.87
3017	17-Aug-12	1	12	\$19.19	Yes	\$1,000.00	\$980.81
3018	17-Aug-12	2	1	\$22.75	Yes	\$1,000.00	\$977.25
3019	17-Aug-12	2	2	\$22.99	Yes	\$1,000.00	\$977.01
3020	17-Aug-12	2	3	\$31.59	Yes	\$1,000.00	\$968.41
3021	17-Aug-12	2	4	\$27.01	Yes	\$1,000.00	\$972.99
3022	17-Aug-12	2	5	\$25.50	Yes	\$1,000.00	\$974.50
3023	17-Aug-12	2	6	\$25.21	Yes	\$1,000.00	\$974.79
3024	17-Aug-12	2	7	\$25.55	Yes	\$1,000.00	\$974.45
3025	17-Aug-12	2	8	\$25.22	Yes	\$1,000.00	\$974.78
3026	17-Aug-12	2	9	\$25.09	Yes	\$1,000.00	\$974.91
3027	17-Aug-12	2	10	\$24.84	Yes	\$1,000.00	\$975.16
3028	17-Aug-12	2	11	\$23.83	Yes	\$1,000.00	\$976.17
3029	17-Aug-12	2	12	\$23.83	Yes	\$1,000.00	\$976.17
3030	17-Aug-12	3	1	\$25.69	Yes	\$1,000.00	\$974.31
3031	17-Aug-12	3	2	\$25.86	Yes	\$1,000.00	\$974.14
3032	17-Aug-12	3	3	\$27.83	Yes	\$1,000.00	\$972.17
3033	17-Aug-12	3	4	\$25.54	Yes	\$1,000.00	\$974.46
3034	17-Aug-12	3	5	\$25.36	Yes	\$1,000.00	\$974.64
3035	17-Aug-12	3	6	\$25.08	Yes	\$1,000.00	\$974.92
3036	17-Aug-12	3	7	\$23.86	Yes	\$1,000.00	\$976.14
3037	17-Aug-12	3	8	\$23.79	Yes	\$1,000.00	\$976.21
3038	17-Aug-12	3	9	\$23.79	Yes	\$1,000.00	\$976.21
3039	17-Aug-12	3	10	\$23.49	Yes	\$1,000.00	\$976.51
3040	17-Aug-12	3	11	\$22.46	Yes	\$1,000.00	\$977.54
3041	17-Aug-12	3	12	\$23.17	Yes	\$1,000.00	\$976.83
3042	17-Aug-12	4	1	\$27.00	Yes	\$1,000.00	\$973.00
3043	17-Aug-12	4	2	\$25.48	Yes	\$1,000.00	\$974.52
3044	17-Aug-12	4	3	\$25.31	Yes	\$1,000.00	\$974.69
3045	17-Aug-12	4	4	\$23.39	Yes	\$1,000.00	\$976.61
3046	17-Aug-12	4	5	\$23.33	Yes	\$1,000.00	\$976.67
3047	17-Aug-12	4	6	\$23.33	Yes	\$1,000.00	\$976.67
3048	17-Aug-12	4	7	\$22.89	Yes	\$1,000.00	\$977.11
3049	17-Aug-12	4	8	\$23.55	Yes	\$1,000.00	\$976.45
3050	17-Aug-12	4	9	\$23.49	Yes	\$1,000.00	\$976.51
3051	17-Aug-12	4	10	\$22.55	Yes	\$1,000.00	\$977.45
3052	17-Aug-12	4	11	\$22.57	Yes	\$1,000.00	\$977.43
3053	17-Aug-12	4	12	\$22.70	Yes	\$1,000.00	\$977.30
3054	17-Aug-12	5	1	\$22.80	Yes	\$1,000.00	\$977.20
3055	17-Aug-12	5	2	\$22.80	Yes	\$1,000.00	\$977.20



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3056	17-Aug-12	5	3	\$22.80	Yes	\$1,000.00	\$977.20
3057	17-Aug-12	5	4	\$22.79	Yes	\$1,000.00	\$977.21
3058	17-Aug-12	5	5	\$22.79	Yes	\$1,000.00	\$977.21
3059	17-Aug-12	5	6	\$22.79	Yes	\$1,000.00	\$977.21
3060	17-Aug-12	5	7	\$22.81	Yes	\$1,000.00	\$977.19
3061	17-Aug-12	5	8	\$23.52	Yes	\$1,000.00	\$976.48
3062	17-Aug-12	5	9	\$23.59	Yes	\$1,000.00	\$976.41
3063	17-Aug-12	5	10	\$23.61	Yes	\$1,000.00	\$976.39
3064	17-Aug-12	5	11	\$23.54	Yes	\$1,000.00	\$976.46
3065	17-Aug-12	5	12	\$23.60	Yes	\$1,000.00	\$976.40
3066	17-Aug-12	6	1	\$22.48	Yes	\$33.47	\$10.99
3067	17-Aug-12	6	2	\$22.48	Yes	\$33.47	\$10.99
3068	17-Aug-12	6	3	\$22.33	Yes	\$33.47	\$11.14
3069	17-Aug-12	6	4	\$22.49	Yes	\$33.47	\$10.98
3070	17-Aug-12	6	5	\$22.89	Yes	\$33.47	\$10.58
3071	17-Aug-12	6	6	\$24.95	Yes	\$33.47	\$8.52
3072	17-Aug-12	6	7	\$23.67	Yes	\$33.47	\$9.80
3073	17-Aug-12	6	8	\$23.67	Yes	\$33.47	\$9.80
3074	17-Aug-12	6	9	\$23.55	Yes	\$33.47	\$9.92
3075	17-Aug-12	6	10	\$27.68	Yes	\$33.47	\$5.79
3076	17-Aug-12	6	11	\$24.99	Yes	\$33.47	\$8.48
3077	17-Aug-12	6	12	\$26.98	Yes	\$33.47	\$6.49
3078	17-Aug-12	7	1	\$23.67	Yes	\$1,000.00	\$976.33
3079	17-Aug-12	7	2	\$24.33	Yes	\$1,000.00	\$975.67
3080	17-Aug-12	7	3	\$27.74	Yes	\$1,000.00	\$972.26
3081	17-Aug-12	7	4	\$24.40	Yes	\$1,000.00	\$975.60
3082	17-Aug-12	7	5	\$24.97	Yes	\$1,000.00	\$975.03
3083	17-Aug-12	7	6	\$25.29	Yes	\$1,000.00	\$974.71
3084	17-Aug-12	7	7	\$24.96	Yes	\$1,000.00	\$975.04
3085	17-Aug-12	7	8	\$24.99	Yes	\$1,000.00	\$975.01
3086	17-Aug-12	7	9	\$26.23	Yes	\$1,000.00	\$973.77
3087	17-Aug-12	7	10	\$34.97	Yes	\$1,000.00	\$965.03
3088	17-Aug-12	7	11	\$28.87	Yes	\$1,000.00	\$971.13
3089	17-Aug-12	7	12	\$34.12	Yes	\$1,000.00	\$965.88
3090	17-Aug-12	8	1	\$19.87	Yes	\$1,000.00	\$980.13
3091	17-Aug-12	8	2	\$22.34	Yes	\$1,000.00	\$977.66
3092	17-Aug-12	8	3	\$23.64	Yes	\$1,000.00	\$976.36
3093	17-Aug-12	8	4	\$23.71	Yes	\$1,000.00	\$976.29
3094	17-Aug-12	8	5	\$23.71	Yes	\$1,000.00	\$976.29
3095	17-Aug-12	8	6	\$23.71	Yes	\$1,000.00	\$976.29
3096	17-Aug-12	8	7	\$23.72	Yes	\$1,000.00	\$976.28
3097	17-Aug-12	8	8	\$23.68	Yes	\$1,000.00	\$976.32
3098	17-Aug-12	8	9	\$23.70	Yes	\$1,000.00	\$976.30
3099	17-Aug-12	8	10	\$23.72	Yes	\$1,000.00	\$976.28
3100	17-Aug-12	8	11	\$23.73	Yes	\$1,000.00	\$976.27

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3101	17-Aug-12	8	12	\$24.87	Yes	\$1,000.00	\$975.13
3102	17-Aug-12	9	1	\$22.90	Yes	\$1,000.00	\$977.10
3103	17-Aug-12	9	2	\$22.90	Yes	\$1,000.00	\$977.10
3104	17-Aug-12	9	3	\$23.77	Yes	\$1,000.00	\$976.23
3105	17-Aug-12	9	4	\$22.97	Yes	\$1,000.00	\$977.03
3106	17-Aug-12	9	5	\$23.78	Yes	\$1,000.00	\$976.22
3107	17-Aug-12	9	6	\$23.78	Yes	\$1,000.00	\$976.22
3108	17-Aug-12	9	7	\$23.79	Yes	\$1,000.00	\$976.21
3109	17-Aug-12	9	8	\$25.38	Yes	\$1,000.00	\$974.62
3110	17-Aug-12	9	9	\$25.38	Yes	\$1,000.00	\$974.62
3111	17-Aug-12	9	10	\$27.18	Yes	\$1,000.00	\$972.82
3112	17-Aug-12	9	11	\$27.18	Yes	\$1,000.00	\$972.82
3113	17-Aug-12	9	12	\$27.87	Yes	\$1,000.00	\$972.13
3114	17-Aug-12	10	1	\$23.82	Yes	\$1,000.00	\$976.18
3115	17-Aug-12	10	2	\$23.79	Yes	\$1,000.00	\$976.21
3116	17-Aug-12	10	3	\$23.79	Yes	\$1,000.00	\$976.21
3117	17-Aug-12	10	4	\$24.30	Yes	\$1,000.00	\$975.70
3118	17-Aug-12	10	5	\$25.27	Yes	\$1,000.00	\$974.73
3119	17-Aug-12	10	6	\$27.02	Yes	\$1,000.00	\$972.98
3120	17-Aug-12	10	7	\$32.25	Yes	\$1,000.00	\$967.75
3121	17-Aug-12	10	8	\$32.14	Yes	\$1,000.00	\$967.86
3122	17-Aug-12	10	9	\$30.57	Yes	\$1,000.00	\$969.43
3123	17-Aug-12	10	10	\$32.65	Yes	\$1,000.00	\$967.35
3124	17-Aug-12	10	11	\$31.39	Yes	\$1,000.00	\$968.61
3125	17-Aug-12	10	12	\$30.11	Yes	\$1,000.00	\$969.89
3126	17-Aug-12	11	1	\$27.08	Yes	\$1,000.00	\$972.92
3127	17-Aug-12	11	2	\$27.58	Yes	\$1,000.00	\$972.42
3128	17-Aug-12	11	3	\$27.55	Yes	\$1,000.00	\$972.45
3129	17-Aug-12	11	4	\$37.52	Yes	\$1,000.00	\$962.48
3130	17-Aug-12	11	5	\$30.35	Yes	\$1,000.00	\$969.65
3131	17-Aug-12	11	6	\$30.21	Yes	\$1,000.00	\$969.79
3132	17-Aug-12	11	7	\$37.35	Yes	\$1,000.00	\$962.65
3133	17-Aug-12	11	8	\$30.26	Yes	\$1,000.00	\$969.74
3134	17-Aug-12	11	9	\$367.09	Yes	\$1,000.00	\$632.91
3135	17-Aug-12	11	10	\$673.32	Yes	\$1,000.00	\$326.68
3136	17-Aug-12	11	11	\$37.72	Yes	\$1,000.00	\$962.28
3137	17-Aug-12	11	12	\$37.35	Yes	\$1,000.00	\$962.65
3138	17-Aug-12	12	1	\$35.85	Yes	\$1,000.00	\$964.15
3139	17-Aug-12	12	2	\$35.99	Yes	\$1,000.00	\$964.01
3140	17-Aug-12	12	3	\$35.64	Yes	\$1,000.00	\$964.36
3141	17-Aug-12	12	4	\$27.81	Yes	\$1,000.00	\$972.19
3142	17-Aug-12	12	5	\$33.22	Yes	\$1,000.00	\$966.78
3143	17-Aug-12	12	6	\$34.93	Yes	\$1,000.00	\$965.07
3144	17-Aug-12	12	7	\$35.32	Yes	\$1,000.00	\$964.68
3145	17-Aug-12	12	8	\$953.59	Yes	\$1,000.00	\$46.41

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3146	17-Aug-12	12	9	\$951.23	Yes	\$1,000.00	\$48.77
3147	17-Aug-12	12	10	\$118.71	Yes	\$1,000.00	\$881.29
3148	17-Aug-12	12	11	\$45.29	Yes	\$1,000.00	\$954.71
3149	17-Aug-12	12	12	\$28.44	Yes	\$1,000.00	\$971.56
3150	17-Aug-12	13	1	\$78.07	Yes	\$1,000.00	\$921.93
3151	17-Aug-12	13	2	\$185.55	Yes	\$1,000.00	\$814.45
3152	17-Aug-12	13	3	\$82.37	Yes	\$1,000.00	\$917.63
3153	17-Aug-12	13	4	\$157.62	Yes	\$1,000.00	\$842.38
3154	17-Aug-12	13	5	\$184.95	Yes	\$1,000.00	\$815.05
3155	17-Aug-12	13	6	\$182.98	Yes	\$1,000.00	\$817.02
3156	17-Aug-12	13	7	\$24.20	Yes	\$1,000.00	\$975.80
3157	17-Aug-12	13	8	\$26.39	Yes	\$1,000.00	\$973.61
3158	17-Aug-12	13	9	\$26.96	Yes	\$1,000.00	\$973.04
3159	17-Aug-12	13	10	\$99.13	Yes	\$1,000.00	\$900.87
3160	17-Aug-12	13	11	\$179.81	Yes	\$1,000.00	\$820.19
3161	17-Aug-12	13	12	\$211.94	Yes	\$1,000.00	\$788.06
3162	17-Aug-12	14	1	\$30.44	Yes	\$1,000.00	\$969.56
3163	17-Aug-12	14	2	\$31.04	Yes	\$1,000.00	\$968.96
3164	17-Aug-12	14	3	\$31.47	Yes	\$1,000.00	\$968.53
3165	17-Aug-12	14	4	\$34.32	Yes	\$1,000.00	\$965.68
3166	17-Aug-12	14	5	\$38.55	Yes	\$1,000.00	\$961.45
3167	17-Aug-12	14	6	\$41.50	Yes	\$1,000.00	\$958.50
3168	17-Aug-12	14	7	\$41.54	Yes	\$1,000.00	\$958.46
3169	17-Aug-12	14	8	\$41.54	Yes	\$1,000.00	\$958.46
3170	17-Aug-12	14	9	\$41.56	Yes	\$1,000.00	\$958.44
3171	17-Aug-12	14	10	\$48.71	Yes	\$1,000.00	\$951.29
3172	17-Aug-12	14	11	\$50.64	Yes	\$1,000.00	\$949.36
3173	17-Aug-12	14	12	\$55.73	Yes	\$1,000.00	\$944.27
3174	17-Aug-12	15	1	\$668.90	Yes	\$1,000.00	\$331.10
3175	17-Aug-12	15	2	\$195.86	Yes	\$1,000.00	\$804.14
3176	17-Aug-12	15	3	\$194.62	Yes	\$1,000.00	\$805.38
3177	17-Aug-12	15	4	\$53.14	Yes	\$1,000.00	\$946.86
3178	17-Aug-12	15	5	\$53.14	Yes	\$1,000.00	\$946.86
3179	17-Aug-12	15	6	\$117.38	Yes	\$1,000.00	\$882.62
3180	17-Aug-12	15	7	\$119.40	Yes	\$1,000.00	\$880.60
3181	17-Aug-12	15	8	\$303.95	Yes	\$1,000.00	\$696.05
3182	17-Aug-12	15	9	\$303.95	Yes	\$1,000.00	\$696.05
3183	17-Aug-12	15	10	\$109.53	Yes	\$1,000.00	\$890.47
3184	17-Aug-12	15	11	\$109.83	Yes	\$1,000.00	\$890.17
3185	17-Aug-12	15	12	\$1,000.00	Yes	\$1,000.00	\$0.00
3186	17-Aug-12	16	1	\$116.41	Yes	\$1,000.00	\$883.59
3187	17-Aug-12	16	2	\$127.37	Yes	\$1,000.00	\$872.63
3188	17-Aug-12	16	3	\$114.84	Yes	\$1,000.00	\$885.16
3189	17-Aug-12	16	4	\$114.15	Yes	\$1,000.00	\$885.85
3190	17-Aug-12	16	5	\$114.07	Yes	\$1,000.00	\$885.93

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3191	17-Aug-12	16	6	\$122.46	Yes	\$1,000.00	\$877.54
3192	17-Aug-12	16	7	\$108.30	Yes	\$1,000.00	\$891.70
3193	17-Aug-12	16	8	\$41.46	Yes	\$1,000.00	\$958.54
3194	17-Aug-12	16	9	\$38.05	Yes	\$1,000.00	\$961.95
3195	17-Aug-12	16	10	\$159.68	Yes	\$1,000.00	\$840.32
3196	17-Aug-12	16	11	\$171.80	Yes	\$1,000.00	\$828.20
3197	17-Aug-12	16	12	\$38.75	Yes	\$1,000.00	\$961.25
3198	17-Aug-12	17	1	\$163.64	Yes	\$1,000.00	\$836.36
3199	17-Aug-12	17	2	\$75.43	Yes	\$1,000.00	\$924.57
3200	17-Aug-12	17	3	\$75.43	Yes	\$1,000.00	\$924.57
3201	17-Aug-12	17	4	\$37.76	Yes	\$1,000.00	\$962.24
3202	17-Aug-12	17	5	\$36.55	Yes	\$1,000.00	\$963.45
3203	17-Aug-12	17	6	\$33.70	Yes	\$1,000.00	\$966.30
3204	17-Aug-12	17	7	\$36.28	Yes	\$1,000.00	\$963.72
3205	17-Aug-12	17	8	\$32.96	Yes	\$1,000.00	\$967.04
3206	17-Aug-12	17	9	\$33.09	Yes	\$1,000.00	\$966.91
3207	17-Aug-12	17	10	\$33.74	Yes	\$1,000.00	\$966.26
3208	17-Aug-12	17	11	\$33.74	Yes	\$1,000.00	\$966.26
3209	17-Aug-12	17	12	\$34.50	Yes	\$1,000.00	\$965.50
3210	17-Aug-12	18	1	\$96.57	Yes	\$1,000.00	\$903.43
3211	17-Aug-12	18	2	\$96.57	Yes	\$1,000.00	\$903.43
3212	17-Aug-12	18	3	\$96.57	Yes	\$1,000.00	\$903.43
3213	17-Aug-12	18	4	\$30.70	Yes	\$1,000.00	\$969.30
3214	17-Aug-12	18	5	\$25.67	Yes	\$1,000.00	\$974.33
3215	17-Aug-12	18	6	\$24.96	Yes	\$1,000.00	\$975.04
3216	17-Aug-12	18	7	\$25.02	Yes	\$1,000.00	\$974.98
3217	17-Aug-12	18	8	\$25.86	Yes	\$1,000.00	\$974.14
3218	17-Aug-12	18	9	\$25.73	Yes	\$1,000.00	\$974.27
3219	17-Aug-12	18	10	\$32.18	Yes	\$1,000.00	\$967.82
3220	17-Aug-12	18	11	\$26.78	Yes	\$1,000.00	\$973.22
3221	17-Aug-12	18	12	\$27.02	Yes	\$1,000.00	\$972.98
3222	17-Aug-12	19	1	\$23.95	Yes	\$1,000.00	\$976.05
3223	17-Aug-12	19	2	\$23.95	Yes	\$1,000.00	\$976.05
3224	17-Aug-12	19	3	\$25.81	Yes	\$1,000.00	\$974.19
3225	17-Aug-12	19	4	\$27.93	Yes	\$1,000.00	\$972.07
3226	17-Aug-12	19	5	\$29.57	Yes	\$1,000.00	\$970.43
3227	17-Aug-12	19	6	\$29.57	Yes	\$1,000.00	\$970.43
3228	17-Aug-12	19	7	(\$24.06)	Yes	\$1,000.00	\$1,024.06
3229	17-Aug-12	19	8	\$24.21	Yes	\$1,000.00	\$975.79
3230	17-Aug-12	19	9	\$25.40	Yes	\$1,000.00	\$974.60
3231	17-Aug-12	19	10	\$26.92	Yes	\$1,000.00	\$973.08
3232	17-Aug-12	19	11	\$26.07	Yes	\$1,000.00	\$973.93
3233	17-Aug-12	19	12	\$24.00	Yes	\$1,000.00	\$976.00
3234	17-Aug-12	20	1	\$23.98	Yes	\$1,000.00	\$976.02
3235	17-Aug-12	20	2	\$23.63	Yes	\$1,000.00	\$976.37

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3236	17-Aug-12	20	3	\$23.76	Yes	\$1,000.00	\$976.24
3237	17-Aug-12	20	4	\$23.75	Yes	\$1,000.00	\$976.25
3238	17-Aug-12	20	5	\$23.75	Yes	\$1,000.00	\$976.25
3239	17-Aug-12	20	6	\$23.75	Yes	\$1,000.00	\$976.25
3240	17-Aug-12	20	7	\$23.75	Yes	\$1,000.00	\$976.25
3241	17-Aug-12	20	8	\$23.73	Yes	\$1,000.00	\$976.27
3242	17-Aug-12	20	9	\$23.74	Yes	\$1,000.00	\$976.26
3243	17-Aug-12	20	10	\$26.91	Yes	\$1,000.00	\$973.09
3244	17-Aug-12	20	11	\$25.47	Yes	\$1,000.00	\$974.53
3245	17-Aug-12	20	12	\$26.11	Yes	\$1,000.00	\$973.89
3246	17-Aug-12	21	1	\$23.65	Yes	\$1,000.00	\$976.35
3247	17-Aug-12	21	2	\$26.17	Yes	\$1,000.00	\$973.83
3248	17-Aug-12	21	3	\$32.10	Yes	\$1,000.00	\$967.90
3249	17-Aug-12	21	4	\$31.97	Yes	\$1,000.00	\$968.03
3250	17-Aug-12	21	5	\$31.29	Yes	\$1,000.00	\$968.71
3251	17-Aug-12	21	6	\$31.29	Yes	\$1,000.00	\$968.71
3252	17-Aug-12	21	7	\$36.62	Yes	\$1,000.00	\$963.38
3253	17-Aug-12	21	8	\$39.53	Yes	\$1,000.00	\$960.47
3254	17-Aug-12	21	9	\$39.08	Yes	\$1,000.00	\$960.92
3255	17-Aug-12	21	10	\$23.66	Yes	\$1,000.00	\$976.34
3256	17-Aug-12	21	11	\$23.66	Yes	\$1,000.00	\$976.34
3257	17-Aug-12	21	12	\$23.02	Yes	\$1,000.00	\$976.98
3258	17-Aug-12	22	1	\$35.87	Yes	\$1,000.00	\$964.13
3259	17-Aug-12	22	2	\$30.50	Yes	\$1,000.00	\$969.50
3260	17-Aug-12	22	3	\$48.36	Yes	\$1,000.00	\$951.64
3261	17-Aug-12	22	4	\$26.12	Yes	\$1,000.00	\$973.88
3262	17-Aug-12	22	5	\$26.01	Yes	\$1,000.00	\$973.99
3263	17-Aug-12	22	6	\$25.35	Yes	\$1,000.00	\$974.65
3264	17-Aug-12	22	7	\$23.19	Yes	\$1,000.00	\$976.81
3265	17-Aug-12	22	8	\$23.70	Yes	\$1,000.00	\$976.30
3266	17-Aug-12	22	9	\$23.70	Yes	\$1,000.00	\$976.30
3267	17-Aug-12	22	10	\$27.78	Yes	\$1,000.00	\$972.22
3268	17-Aug-12	22	11	\$23.67	Yes	\$1,000.00	\$976.33
3269	17-Aug-12	22	12	\$23.66	Yes	\$1,000.00	\$976.34
3270	17-Aug-12	23	1	\$23.70	Yes	\$1,000.00	\$976.30
3271	17-Aug-12	23	2	\$29.11	Yes	\$1,000.00	\$970.89
3272	17-Aug-12	23	3	\$36.62	Yes	\$1,000.00	\$963.38
3273	17-Aug-12	23	4	\$31.38	Yes	\$1,000.00	\$968.62
3274	17-Aug-12	23	5	\$31.38	Yes	\$1,000.00	\$968.62
3275	17-Aug-12	23	6	\$23.68	Yes	\$1,000.00	\$976.32
3276	17-Aug-12	23	7	\$22.11	Yes	\$1,000.00	\$977.89
3277	17-Aug-12	23	8	\$20.94	Yes	\$1,000.00	\$979.06
3278	17-Aug-12	23	9	\$20.49	Yes	\$1,000.00	\$979.51
3279	17-Aug-12	23	10	\$20.74	Yes	\$1,000.00	\$979.26
3280	17-Aug-12	23	11	\$20.56	Yes	\$1,000.00	\$979.44

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3281	17-Aug-12	23	12	\$18.56	Yes	\$1,000.00	\$981.44
3282	17-Aug-12	24	1	\$20.24	Yes	\$33.47	\$13.23
3283	17-Aug-12	24	2	\$20.24	Yes	\$33.47	\$13.23
3284	17-Aug-12	24	3	\$21.31	Yes	\$33.47	\$12.16
3285	17-Aug-12	24	4	\$22.16	Yes	\$33.47	\$11.31
3286	17-Aug-12	24	5	\$21.52	Yes	\$33.47	\$11.95
3287	17-Aug-12	24	6	\$22.86	Yes	\$33.47	\$10.61
3288	17-Aug-12	24	7	\$22.75	Yes	\$33.47	\$10.72
3289	17-Aug-12	24	8	\$19.04	Yes	\$33.47	\$14.43
3290	17-Aug-12	24	9	\$21.14	Yes	\$33.47	\$12.33
3291	17-Aug-12	24	10	\$19.81	Yes	\$33.47	\$13.66
3292	17-Aug-12	24	11	\$19.81	Yes	\$33.47	\$13.66
3293	17-Aug-12	24	12	\$17.54	Yes	\$33.47	\$15.93
3294	18-Aug-12	1	1	\$22.48	Yes	\$1,000.00	\$977.52
3295	18-Aug-12	1	2	\$21.31	Yes	\$1,000.00	\$978.69
3296	18-Aug-12	1	3	\$22.56	Yes	\$1,000.00	\$977.44
3297	18-Aug-12	1	4	\$22.81	Yes	\$1,000.00	\$977.19
3298	18-Aug-12	1	5	\$27.76	Yes	\$1,000.00	\$972.24
3299	18-Aug-12	1	6	\$20.27	Yes	\$1,000.00	\$979.73
3300	18-Aug-12	1	7	\$20.20	Yes	\$1,000.00	\$979.80
3301	18-Aug-12	1	8	\$18.77	Yes	\$1,000.00	\$981.23
3302	18-Aug-12	1	9	\$15.82	Yes	\$1,000.00	\$984.18
3303	18-Aug-12	1	10	\$18.74	Yes	\$1,000.00	\$981.26
3304	18-Aug-12	1	11	\$18.74	Yes	\$1,000.00	\$981.26
3305	18-Aug-12	1	12	\$15.17	Yes	\$1,000.00	\$984.83
3306	18-Aug-12	2	1	\$22.77	Yes	\$1,000.00	\$977.23
3307	18-Aug-12	2	2	\$31.78	Yes	\$1,000.00	\$968.22
3308	18-Aug-12	2	3	\$32.04	Yes	\$1,000.00	\$967.96
3309	18-Aug-12	2	4	\$31.53	Yes	\$1,000.00	\$968.47
3310	18-Aug-12	2	5	\$31.08	Yes	\$1,000.00	\$968.92
3311	18-Aug-12	2	6	\$28.81	Yes	\$1,000.00	\$971.19
3312	18-Aug-12	2	7	\$27.13	Yes	\$1,000.00	\$972.87
3313	18-Aug-12	2	8	\$27.14	Yes	\$1,000.00	\$972.86
3314	18-Aug-12	2	9	\$24.60	Yes	\$1,000.00	\$975.40
3315	18-Aug-12	2	10	\$24.94	Yes	\$1,000.00	\$975.06
3316	18-Aug-12	2	11	\$24.65	Yes	\$1,000.00	\$975.35
3317	18-Aug-12	2	12	\$22.78	Yes	\$1,000.00	\$977.22
3318	18-Aug-12	3	1	\$24.68	Yes	\$1,000.00	\$975.32
3319	18-Aug-12	3	2	\$25.22	Yes	\$1,000.00	\$974.78
3320	18-Aug-12	3	3	\$25.22	Yes	\$1,000.00	\$974.78
3321	18-Aug-12	3	4	\$24.51	Yes	\$1,000.00	\$975.49
3322	18-Aug-12	3	5	\$24.51	Yes	\$1,000.00	\$975.49
3323	18-Aug-12	3	6	\$24.42	Yes	\$1,000.00	\$975.58
3324	18-Aug-12	3	7	\$24.43	Yes	\$1,000.00	\$975.57
3325	18-Aug-12	3	8	\$24.78	Yes	\$1,000.00	\$975.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3326	18-Aug-12	3	9	\$24.59	Yes	\$1,000.00	\$975.41
3327	18-Aug-12	3	10	\$24.00	Yes	\$1,000.00	\$976.00
3328	18-Aug-12	3	11	\$24.00	Yes	\$1,000.00	\$976.00
3329	18-Aug-12	3	12	\$24.00	Yes	\$1,000.00	\$976.00
3330	18-Aug-12	4	1	\$25.23	Yes	\$1,000.00	\$974.77
3331	18-Aug-12	4	2	\$26.27	Yes	\$1,000.00	\$973.73
3332	18-Aug-12	4	3	\$29.82	Yes	\$1,000.00	\$970.18
3333	18-Aug-12	4	4	\$27.90	Yes	\$1,000.00	\$972.10
3334	18-Aug-12	4	5	\$27.73	Yes	\$1,000.00	\$972.27
3335	18-Aug-12	4	6	\$27.26	Yes	\$1,000.00	\$972.74
3336	18-Aug-12	4	7	\$26.24	Yes	\$1,000.00	\$973.76
3337	18-Aug-12	4	8	\$24.99	Yes	\$1,000.00	\$975.01
3338	18-Aug-12	4	9	\$24.99	Yes	\$1,000.00	\$975.01
3339	18-Aug-12	4	10	\$27.64	Yes	\$1,000.00	\$972.36
3340	18-Aug-12	4	11	\$27.19	Yes	\$1,000.00	\$972.81
3341	18-Aug-12	4	12	\$25.66	Yes	\$1,000.00	\$974.34
3342	18-Aug-12	5	1	\$26.15	Yes	\$1,000.00	\$973.85
3343	18-Aug-12	5	2	\$26.09	Yes	\$1,000.00	\$973.91
3344	18-Aug-12	5	3	\$25.12	Yes	\$1,000.00	\$974.88
3345	18-Aug-12	5	4	\$24.92	Yes	\$1,000.00	\$975.08
3346	18-Aug-12	5	5	\$24.95	Yes	\$1,000.00	\$975.05
3347	18-Aug-12	5	6	\$25.02	Yes	\$1,000.00	\$974.98
3348	18-Aug-12	5	7	\$25.02	Yes	\$1,000.00	\$974.98
3349	18-Aug-12	5	8	\$24.95	Yes	\$1,000.00	\$975.05
3350	18-Aug-12	5	9	\$24.95	Yes	\$1,000.00	\$975.05
3351	18-Aug-12	5	10	\$24.70	Yes	\$1,000.00	\$975.30
3352	18-Aug-12	5	11	\$24.72	Yes	\$1,000.00	\$975.28
3353	18-Aug-12	5	12	\$24.79	Yes	\$1,000.00	\$975.21
3354	18-Aug-12	6	1	\$23.98	Yes	\$1,000.00	\$976.02
3355	18-Aug-12	6	2	\$23.98	Yes	\$1,000.00	\$976.02
3356	18-Aug-12	6	3	\$23.98	Yes	\$1,000.00	\$976.02
3357	18-Aug-12	6	4	\$22.74	Yes	\$1,000.00	\$977.26
3358	18-Aug-12	6	5	\$23.79	Yes	\$1,000.00	\$976.21
3359	18-Aug-12	6	6	\$23.98	Yes	\$1,000.00	\$976.02
3360	18-Aug-12	6	7	\$24.71	Yes	\$1,000.00	\$975.29
3361	18-Aug-12	6	8	\$25.15	Yes	\$1,000.00	\$974.85
3362	18-Aug-12	6	9	\$27.73	Yes	\$1,000.00	\$972.27
3363	18-Aug-12	6	10	\$27.95	Yes	\$1,000.00	\$972.05
3364	18-Aug-12	6	11	\$26.14	Yes	\$1,000.00	\$973.86
3365	18-Aug-12	6	12	\$26.97	Yes	\$1,000.00	\$973.03
3366	18-Aug-12	7	1	\$22.13	Yes	\$32.01	\$9.88
3367	18-Aug-12	7	2	\$22.69	Yes	\$32.01	\$9.32
3368	18-Aug-12	7	3	\$24.05	Yes	\$32.01	\$7.96
3369	18-Aug-12	7	4	\$22.00	Yes	\$32.01	\$10.01
3370	18-Aug-12	7	5	\$15.40	Yes	\$32.01	\$16.61

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3371	18-Aug-12	7	6	\$15.40	Yes	\$32.01	\$16.61
3372	18-Aug-12	7	7	\$14.88	Yes	\$32.01	\$17.13
3373	18-Aug-12	7	8	(\$32.99)	Yes	\$32.01	\$65.00
3374	18-Aug-12	7	8	(\$32.99)	Yes	\$33.98	\$66.97
3375	18-Aug-12	7	9	(\$31.39)	Yes	\$32.01	\$63.40
3376	18-Aug-12	7	9	(\$31.39)	Yes	\$33.98	\$65.37
3377	18-Aug-12	7	10	\$11.99	Yes	\$32.01	\$20.02
3378	18-Aug-12	7	10	\$11.99	Yes	\$33.98	\$21.99
3379	18-Aug-12	7	11	\$10.71	Yes	\$32.01	\$21.30
3380	18-Aug-12	7	11	\$10.71	Yes	\$33.98	\$23.27
3381	18-Aug-12	7	12	\$10.71	Yes	\$32.01	\$21.30
3382	18-Aug-12	7	12	\$10.71	Yes	\$33.98	\$23.27
3383	18-Aug-12	8	1	\$10.82	Yes	\$32.01	\$21.19
3384	18-Aug-12	8	1	\$10.82	Yes	\$33.98	\$23.16
3385	18-Aug-12	8	2	\$10.82	Yes	\$32.01	\$21.19
3386	18-Aug-12	8	2	\$10.82	Yes	\$33.98	\$23.16
3387	18-Aug-12	8	3	\$14.92	Yes	\$32.01	\$17.09
3388	18-Aug-12	8	3	\$14.92	Yes	\$33.98	\$19.06
3389	18-Aug-12	8	4	\$18.26	Yes	\$32.01	\$13.75
3390	18-Aug-12	8	4	\$18.26	Yes	\$33.98	\$15.72
3391	18-Aug-12	8	5	\$18.26	Yes	\$32.01	\$13.75
3392	18-Aug-12	8	5	\$18.26	Yes	\$33.98	\$15.72
3393	18-Aug-12	8	6	\$20.72	Yes	\$32.01	\$11.29
3394	18-Aug-12	8	6	\$20.72	Yes	\$33.98	\$13.26
3395	18-Aug-12	8	7	\$21.37	Yes	\$32.01	\$10.64
3396	18-Aug-12	8	7	\$21.37	Yes	\$33.98	\$12.61
3397	18-Aug-12	8	8	\$20.04	Yes	\$32.01	\$11.97
3398	18-Aug-12	8	8	\$20.04	Yes	\$33.98	\$13.94
3399	18-Aug-12	8	9	\$20.72	Yes	\$32.01	\$11.29
3400	18-Aug-12	8	9	\$20.72	Yes	\$33.98	\$13.26
3401	18-Aug-12	8	10	\$22.55	Yes	\$32.01	\$9.46
3402	18-Aug-12	8	10	\$22.55	Yes	\$33.98	\$11.43
3403	18-Aug-12	8	11	\$22.00	Yes	\$32.01	\$10.01
3404	18-Aug-12	8	11	\$22.00	Yes	\$33.98	\$11.98
3405	18-Aug-12	8	12	\$21.97	Yes	\$32.01	\$10.04
3406	18-Aug-12	8	12	\$21.97	Yes	\$33.98	\$12.01
3407	18-Aug-12	9	1	\$16.68	Yes	\$1,000.00	\$983.32
3408	18-Aug-12	9	2	\$18.34	Yes	\$1,000.00	\$981.66
3409	18-Aug-12	9	3	\$18.29	Yes	\$1,000.00	\$981.71
3410	18-Aug-12	9	4	\$20.36	Yes	\$1,000.00	\$979.64
3411	18-Aug-12	9	5	\$21.43	Yes	\$1,000.00	\$978.57
3412	18-Aug-12	9	6	\$21.43	Yes	\$1,000.00	\$978.57
3413	18-Aug-12	9	7	\$22.14	Yes	\$1,000.00	\$977.86
3414	18-Aug-12	9	8	\$20.48	Yes	\$1,000.00	\$979.52
3415	18-Aug-12	9	9	\$22.11	Yes	\$1,000.00	\$977.89



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3416	18-Aug-12	9	10	\$22.59	Yes	\$1,000.00	\$977.41
3417	18-Aug-12	9	11	\$22.36	Yes	\$1,000.00	\$977.64
3418	18-Aug-12	9	12	\$22.70	Yes	\$1,000.00	\$977.30
3419	18-Aug-12	10	1	\$19.73	Yes	\$1,000.00	\$980.27
3420	18-Aug-12	10	2	\$19.52	Yes	\$1,000.00	\$980.48
3421	18-Aug-12	10	3	\$18.74	Yes	\$1,000.00	\$981.26
3422	18-Aug-12	10	4	\$20.18	Yes	\$1,000.00	\$979.82
3423	18-Aug-12	10	5	\$20.78	Yes	\$1,000.00	\$979.22
3424	18-Aug-12	10	6	\$22.38	Yes	\$1,000.00	\$977.62
3425	18-Aug-12	10	7	\$22.59	Yes	\$1,000.00	\$977.41
3426	18-Aug-12	10	8	\$22.76	Yes	\$1,000.00	\$977.24
3427	18-Aug-12	10	9	\$22.82	Yes	\$1,000.00	\$977.18
3428	18-Aug-12	10	10	\$24.00	Yes	\$1,000.00	\$976.00
3429	18-Aug-12	10	11	\$23.53	Yes	\$1,000.00	\$976.47
3430	18-Aug-12	10	12	\$26.80	Yes	\$1,000.00	\$973.20
3431	18-Aug-12	11	1	\$22.83	Yes	\$1,000.00	\$977.17
3432	18-Aug-12	11	2	\$22.74	Yes	\$1,000.00	\$977.26
3433	18-Aug-12	11	3	\$22.57	Yes	\$1,000.00	\$977.43
3434	18-Aug-12	11	4	\$22.63	Yes	\$1,000.00	\$977.37
3435	18-Aug-12	11	5	\$23.20	Yes	\$1,000.00	\$976.80
3436	18-Aug-12	11	6	\$23.18	Yes	\$1,000.00	\$976.82
3437	18-Aug-12	11	7	\$110.58	Yes	\$1,000.00	\$889.42
3438	18-Aug-12	11	8	\$175.98	Yes	\$1,000.00	\$824.02
3439	18-Aug-12	11	9	\$175.36	Yes	\$1,000.00	\$824.64
3440	18-Aug-12	11	10	\$177.15	Yes	\$1,000.00	\$822.85
3441	18-Aug-12	11	11	\$182.46	Yes	\$1,000.00	\$817.54
3442	18-Aug-12	11	12	\$161.24	Yes	\$1,000.00	\$838.76
3443	18-Aug-12	12	1	\$155.21	Yes	\$1,000.00	\$844.79
3444	18-Aug-12	12	2	\$37.78	Yes	\$1,000.00	\$962.22
3445	18-Aug-12	12	3	\$35.60	Yes	\$1,000.00	\$964.40
3446	18-Aug-12	12	4	\$23.30	Yes	\$1,000.00	\$976.70
3447	18-Aug-12	12	5	\$24.46	Yes	\$1,000.00	\$975.54
3448	18-Aug-12	12	6	\$191.47	Yes	\$1,000.00	\$808.53
3449	18-Aug-12	12	7	\$29.52	Yes	\$1,000.00	\$970.48
3450	18-Aug-12	12	8	\$149.70	Yes	\$1,000.00	\$850.30
3451	18-Aug-12	12	9	\$92.31	Yes	\$1,000.00	\$907.69
3452	18-Aug-12	12	10	\$147.84	Yes	\$1,000.00	\$852.16
3453	18-Aug-12	12	11	\$165.04	Yes	\$1,000.00	\$834.96
3454	18-Aug-12	12	12	\$140.70	Yes	\$1,000.00	\$859.30
3455	18-Aug-12	13	1	\$21.86	Yes	\$1,000.00	\$978.14
3456	18-Aug-12	13	2	\$22.76	Yes	\$1,000.00	\$977.24
3457	18-Aug-12	13	3	\$22.71	Yes	\$1,000.00	\$977.29
3458	18-Aug-12	13	4	\$22.90	Yes	\$1,000.00	\$977.10
3459	18-Aug-12	13	5	\$25.76	Yes	\$1,000.00	\$974.24
3460	18-Aug-12	13	6	\$25.84	Yes	\$1,000.00	\$974.16

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3461	18-Aug-12	13	7	\$26.42	Yes	\$1,000.00	\$973.58
3462	18-Aug-12	13	8	\$30.45	Yes	\$1,000.00	\$969.55
3463	18-Aug-12	13	9	\$30.19	Yes	\$1,000.00	\$969.81
3464	18-Aug-12	13	10	\$30.20	Yes	\$1,000.00	\$969.80
3465	18-Aug-12	13	11	\$31.59	Yes	\$1,000.00	\$968.41
3466	18-Aug-12	13	12	\$34.05	Yes	\$1,000.00	\$965.95
3467	18-Aug-12	14	1	\$31.03	Yes	\$1,000.00	\$968.97
3468	18-Aug-12	14	2	\$31.31	Yes	\$1,000.00	\$968.69
3469	18-Aug-12	14	3	\$31.03	Yes	\$1,000.00	\$968.97
3470	18-Aug-12	14	4	\$30.97	Yes	\$1,000.00	\$969.03
3471	18-Aug-12	14	5	\$33.41	Yes	\$1,000.00	\$966.59
3472	18-Aug-12	14	6	\$34.18	Yes	\$1,000.00	\$965.82
3473	18-Aug-12	14	7	\$41.43	Yes	\$1,000.00	\$958.57
3474	18-Aug-12	14	8	\$999.94	Yes	\$1,000.00	\$0.06
3475	18-Aug-12	14	9	\$999.94	Yes	\$1,000.00	\$0.06
3476	18-Aug-12	14	10	\$41.36	Yes	\$1,000.00	\$958.64
3477	18-Aug-12	14	11	\$48.17	Yes	\$1,000.00	\$951.83
3478	18-Aug-12	14	12	\$47.26	Yes	\$1,000.00	\$952.74
3479	18-Aug-12	15	1	\$41.30	Yes	\$1,000.00	\$958.70
3480	18-Aug-12	15	2	\$40.04	Yes	\$1,000.00	\$959.96
3481	18-Aug-12	15	3	\$31.45	Yes	\$1,000.00	\$968.55
3482	18-Aug-12	15	4	\$30.10	Yes	\$1,000.00	\$969.90
3483	18-Aug-12	15	5	\$31.32	Yes	\$1,000.00	\$968.68
3484	18-Aug-12	15	6	\$31.87	Yes	\$1,000.00	\$968.13
3485	18-Aug-12	15	7	\$30.09	Yes	\$1,000.00	\$969.91
3486	18-Aug-12	15	8	\$33.46	Yes	\$1,000.00	\$966.54
3487	18-Aug-12	15	9	\$38.88	Yes	\$1,000.00	\$961.12
3488	18-Aug-12	15	10	\$31.31	Yes	\$1,000.00	\$968.69
3489	18-Aug-12	15	11	\$27.58	Yes	\$1,000.00	\$972.42
3490	18-Aug-12	15	12	\$27.38	Yes	\$1,000.00	\$972.62
3491	18-Aug-12	16	1	\$28.34	Yes	\$1,000.00	\$971.66
3492	18-Aug-12	16	2	\$29.75	Yes	\$1,000.00	\$970.25
3493	18-Aug-12	16	3	\$31.00	Yes	\$1,000.00	\$969.00
3494	18-Aug-12	16	4	\$93.69	Yes	\$1,000.00	\$906.31
3495	18-Aug-12	16	5	\$93.70	Yes	\$1,000.00	\$906.30
3496	18-Aug-12	16	6	\$93.92	Yes	\$1,000.00	\$906.08
3497	18-Aug-12	16	7	\$97.44	Yes	\$1,000.00	\$902.56
3498	18-Aug-12	16	8	\$98.70	Yes	\$1,000.00	\$901.30
3499	18-Aug-12	16	9	\$98.16	Yes	\$1,000.00	\$901.84
3500	18-Aug-12	16	10	\$30.24	Yes	\$1,000.00	\$969.76
3501	18-Aug-12	16	11	\$28.22	Yes	\$1,000.00	\$971.78
3502	18-Aug-12	16	12	\$28.17	Yes	\$1,000.00	\$971.83
3503	18-Aug-12	17	1	\$28.55	Yes	\$1,000.00	\$971.45
3504	18-Aug-12	17	2	\$28.55	Yes	\$1,000.00	\$971.45
3505	18-Aug-12	17	3	\$28.55	Yes	\$1,000.00	\$971.45

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3506	18-Aug-12	17	4	\$28.56	Yes	\$1,000.00	\$971.44
3507	18-Aug-12	17	5	\$28.56	Yes	\$1,000.00	\$971.44
3508	18-Aug-12	17	6	\$28.56	Yes	\$1,000.00	\$971.44
3509	18-Aug-12	17	7	\$29.33	Yes	\$1,000.00	\$970.67
3510	18-Aug-12	17	8	\$94.21	Yes	\$1,000.00	\$905.79
3511	18-Aug-12	17	9	\$93.06	Yes	\$1,000.00	\$906.94
3512	18-Aug-12	17	10	\$29.31	Yes	\$1,000.00	\$970.69
3513	18-Aug-12	17	11	\$30.38	Yes	\$1,000.00	\$969.62
3514	18-Aug-12	17	12	\$27.03	Yes	\$1,000.00	\$972.97
3515	18-Aug-12	18	1	\$87.56	Yes	\$1,000.00	\$912.44
3516	18-Aug-12	18	2	\$88.86	Yes	\$1,000.00	\$911.14
3517	18-Aug-12	18	3	\$86.92	Yes	\$1,000.00	\$913.08
3518	18-Aug-12	18	4	\$23.42	Yes	\$1,000.00	\$976.58
3519	18-Aug-12	18	5	\$22.76	Yes	\$1,000.00	\$977.24
3520	18-Aug-12	18	6	\$26.03	Yes	\$1,000.00	\$973.97
3521	18-Aug-12	18	7	\$26.02	Yes	\$1,000.00	\$973.98
3522	18-Aug-12	18	8	\$25.54	Yes	\$1,000.00	\$974.46
3523	18-Aug-12	18	9	\$25.54	Yes	\$1,000.00	\$974.46
3524	18-Aug-12	18	10	\$26.27	Yes	\$1,000.00	\$973.73
3525	18-Aug-12	18	11	\$26.75	Yes	\$1,000.00	\$973.25
3526	18-Aug-12	18	12	\$27.22	Yes	\$1,000.00	\$972.78
3527	18-Aug-12	19	1	\$27.88	Yes	\$1,000.00	\$972.12
3528	18-Aug-12	19	2	\$28.54	Yes	\$1,000.00	\$971.46
3529	18-Aug-12	19	3	\$28.95	Yes	\$1,000.00	\$971.05
3530	18-Aug-12	19	4	\$29.32	Yes	\$1,000.00	\$970.68
3531	18-Aug-12	19	5	\$28.51	Yes	\$1,000.00	\$971.49
3532	18-Aug-12	19	6	\$28.51	Yes	\$1,000.00	\$971.49
3533	18-Aug-12	19	7	\$27.84	Yes	\$1,000.00	\$972.16
3534	18-Aug-12	19	8	\$27.84	Yes	\$1,000.00	\$972.16
3535	18-Aug-12	19	9	\$27.13	Yes	\$1,000.00	\$972.87
3536	18-Aug-12	19	10	\$139.63	Yes	\$1,000.00	\$860.37
3537	18-Aug-12	19	11	\$27.08	Yes	\$1,000.00	\$972.92
3538	18-Aug-12	19	12	\$26.88	Yes	\$1,000.00	\$973.12
3539	18-Aug-12	20	1	\$29.77	Yes	\$1,000.00	\$970.23
3540	18-Aug-12	20	2	\$29.75	Yes	\$1,000.00	\$970.25
3541	18-Aug-12	20	3	\$28.88	Yes	\$1,000.00	\$971.12
3542	18-Aug-12	20	4	\$29.76	Yes	\$1,000.00	\$970.24
3543	18-Aug-12	20	5	\$28.69	Yes	\$1,000.00	\$971.31
3544	18-Aug-12	20	6	\$27.83	Yes	\$1,000.00	\$972.17
3545	18-Aug-12	20	7	\$27.96	Yes	\$1,000.00	\$972.04
3546	18-Aug-12	20	8	\$27.78	Yes	\$1,000.00	\$972.22
3547	18-Aug-12	20	9	\$27.78	Yes	\$1,000.00	\$972.22
3548	18-Aug-12	20	10	\$27.47	Yes	\$1,000.00	\$972.53
3549	18-Aug-12	20	11	\$26.42	Yes	\$1,000.00	\$973.58
3550	18-Aug-12	20	12	\$26.61	Yes	\$1,000.00	\$973.39

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3551	18-Aug-12	21	1	\$27.56	Yes	\$1,000.00	\$972.44
3552	18-Aug-12	21	2	\$29.91	Yes	\$1,000.00	\$970.09
3553	18-Aug-12	21	3	\$30.83	Yes	\$1,000.00	\$969.17
3554	18-Aug-12	21	4	\$32.38	Yes	\$1,000.00	\$967.62
3555	18-Aug-12	21	5	\$30.78	Yes	\$1,000.00	\$969.22
3556	18-Aug-12	21	6	\$30.40	Yes	\$1,000.00	\$969.60
3557	18-Aug-12	21	7	\$28.59	Yes	\$1,000.00	\$971.41
3558	18-Aug-12	21	8	\$27.50	Yes	\$1,000.00	\$972.50
3559	18-Aug-12	21	9	\$27.38	Yes	\$1,000.00	\$972.62
3560	18-Aug-12	21	10	\$25.32	Yes	\$1,000.00	\$974.68
3561	18-Aug-12	21	11	\$22.89	Yes	\$1,000.00	\$977.11
3562	18-Aug-12	21	12	\$21.88	Yes	\$1,000.00	\$978.12
3563	18-Aug-12	22	1	\$38.00	Yes	\$1,000.00	\$962.00
3564	18-Aug-12	22	2	\$21.94	Yes	\$1,000.00	\$978.06
3565	18-Aug-12	22	3	\$20.69	Yes	\$1,000.00	\$979.31
3566	18-Aug-12	22	4	\$23.70	Yes	\$1,000.00	\$976.30
3567	18-Aug-12	22	5	\$23.70	Yes	\$1,000.00	\$976.30
3568	18-Aug-12	22	6	\$22.40	Yes	\$1,000.00	\$977.60
3569	18-Aug-12	22	7	\$21.46	Yes	\$1,000.00	\$978.54
3570	18-Aug-12	22	8	\$20.18	Yes	\$1,000.00	\$979.82
3571	18-Aug-12	22	9	\$21.14	Yes	\$1,000.00	\$978.86
3572	18-Aug-12	22	10	\$20.22	Yes	\$1,000.00	\$979.78
3573	18-Aug-12	22	11	\$19.07	Yes	\$1,000.00	\$980.93
3574	18-Aug-12	22	12	\$15.72	Yes	\$1,000.00	\$984.28
3575	18-Aug-12	23	1	\$18.00	Yes	\$1,000.00	\$982.00
3576	18-Aug-12	23	2	\$18.00	Yes	\$1,000.00	\$982.00
3577	18-Aug-12	23	3	\$22.87	Yes	\$1,000.00	\$977.13
3578	18-Aug-12	23	4	\$23.68	Yes	\$1,000.00	\$976.32
3579	18-Aug-12	23	5	\$23.30	Yes	\$1,000.00	\$976.70
3580	18-Aug-12	23	6	\$21.35	Yes	\$1,000.00	\$978.65
3581	18-Aug-12	23	7	\$22.54	Yes	\$1,000.00	\$977.46
3582	18-Aug-12	23	8	\$22.08	Yes	\$1,000.00	\$977.92
3583	18-Aug-12	23	9	\$21.16	Yes	\$1,000.00	\$978.84
3584	18-Aug-12	23	10	\$19.47	Yes	\$1,000.00	\$980.53
3585	18-Aug-12	23	11	\$19.40	Yes	\$1,000.00	\$980.60
3586	18-Aug-12	23	12	\$17.03	Yes	\$1,000.00	\$982.97
3587	18-Aug-12	24	1	\$20.68	Yes	\$1,000.00	\$979.32
3588	18-Aug-12	24	2	\$22.80	Yes	\$1,000.00	\$977.20
3589	18-Aug-12	24	3	\$22.80	Yes	\$1,000.00	\$977.20
3590	18-Aug-12	24	4	\$23.21	Yes	\$1,000.00	\$976.79
3591	18-Aug-12	24	5	\$22.41	Yes	\$1,000.00	\$977.59
3592	18-Aug-12	24	6	\$20.18	Yes	\$1,000.00	\$979.82
3593	18-Aug-12	24	7	\$20.73	Yes	\$1,000.00	\$979.27
3594	18-Aug-12	24	8	\$19.69	Yes	\$1,000.00	\$980.31
3595	18-Aug-12	24	9	\$20.89	Yes	\$1,000.00	\$979.11

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3596	18-Aug-12	24	10	\$22.16	Yes	\$1,000.00	\$977.84
3597	18-Aug-12	24	11	\$17.68	Yes	\$1,000.00	\$982.32
3598	18-Aug-12	24	12	\$10.84	Yes	\$1,000.00	\$989.16
3599	19-Aug-12	1	1	\$20.32	Yes	\$1,000.00	\$979.68
3600	19-Aug-12	1	2	\$35.87	Yes	\$1,000.00	\$964.13
3601	19-Aug-12	1	3	\$37.07	Yes	\$1,000.00	\$962.93
3602	19-Aug-12	1	4	\$45.23	Yes	\$1,000.00	\$954.77
3603	19-Aug-12	1	5	\$32.00	Yes	\$1,000.00	\$968.00
3604	19-Aug-12	1	6	\$33.79	Yes	\$1,000.00	\$966.21
3605	19-Aug-12	1	7	\$28.68	Yes	\$1,000.00	\$971.32
3606	19-Aug-12	1	8	\$30.70	Yes	\$1,000.00	\$969.30
3607	19-Aug-12	1	9	\$22.80	Yes	\$1,000.00	\$977.20
3608	19-Aug-12	1	10	\$21.97	Yes	\$1,000.00	\$978.03
3609	19-Aug-12	1	11	\$21.97	Yes	\$1,000.00	\$978.03
3610	19-Aug-12	1	12	\$20.03	Yes	\$1,000.00	\$979.97
3611	19-Aug-12	2	1	\$25.57	Yes	\$1,000.00	\$974.43
3612	19-Aug-12	2	2	\$24.84	Yes	\$1,000.00	\$975.16
3613	19-Aug-12	2	3	\$26.66	Yes	\$1,000.00	\$973.34
3614	19-Aug-12	2	4	\$30.59	Yes	\$1,000.00	\$969.41
3615	19-Aug-12	2	5	\$30.30	Yes	\$1,000.00	\$969.70
3616	19-Aug-12	2	6	\$27.97	Yes	\$1,000.00	\$972.03
3617	19-Aug-12	2	7	\$29.24	Yes	\$1,000.00	\$970.76
3618	19-Aug-12	2	8	\$22.77	Yes	\$1,000.00	\$977.23
3619	19-Aug-12	2	9	\$22.77	Yes	\$1,000.00	\$977.23
3620	19-Aug-12	2	10	\$25.17	Yes	\$1,000.00	\$974.83
3621	19-Aug-12	2	11	\$22.78	Yes	\$1,000.00	\$977.22
3622	19-Aug-12	2	12	\$22.78	Yes	\$1,000.00	\$977.22
3623	19-Aug-12	3	1	\$25.73	Yes	\$1,000.00	\$974.27
3624	19-Aug-12	3	2	\$24.98	Yes	\$1,000.00	\$975.02
3625	19-Aug-12	3	3	\$25.48	Yes	\$1,000.00	\$974.52
3626	19-Aug-12	3	4	\$22.07	Yes	\$1,000.00	\$977.93
3627	19-Aug-12	3	5	\$22.07	Yes	\$1,000.00	\$977.93
3628	19-Aug-12	3	6	\$20.15	Yes	\$1,000.00	\$979.85
3629	19-Aug-12	3	7	\$11.99	Yes	\$1,000.00	\$988.01
3630	19-Aug-12	3	8	\$11.99	Yes	\$1,000.00	\$988.01
3631	19-Aug-12	3	9	\$19.65	Yes	\$1,000.00	\$980.35
3632	19-Aug-12	3	10	\$20.22	Yes	\$1,000.00	\$979.78
3633	19-Aug-12	3	11	\$20.22	Yes	\$1,000.00	\$979.78
3634	19-Aug-12	3	12	\$12.04	Yes	\$1,000.00	\$987.96
3635	19-Aug-12	4	1	\$22.68	Yes	\$1,000.00	\$977.32
3636	19-Aug-12	4	2	\$22.68	Yes	\$1,000.00	\$977.32
3637	19-Aug-12	4	3	\$24.43	Yes	\$1,000.00	\$975.57
3638	19-Aug-12	4	4	\$24.35	Yes	\$1,000.00	\$975.65
3639	19-Aug-12	4	5	\$22.68	Yes	\$1,000.00	\$977.32
3640	19-Aug-12	4	6	\$22.32	Yes	\$1,000.00	\$977.68

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3641	19-Aug-12	4	7	\$22.77	Yes	\$1,000.00	\$977.23
3642	19-Aug-12	4	8	\$22.77	Yes	\$1,000.00	\$977.23
3643	19-Aug-12	4	9	\$23.84	Yes	\$1,000.00	\$976.16
3644	19-Aug-12	4	10	\$23.99	Yes	\$1,000.00	\$976.01
3645	19-Aug-12	4	11	\$23.98	Yes	\$1,000.00	\$976.02
3646	19-Aug-12	4	12	\$24.06	Yes	\$1,000.00	\$975.94
3647	19-Aug-12	5	1	\$23.97	Yes	\$1,000.00	\$976.03
3648	19-Aug-12	5	2	\$22.78	Yes	\$1,000.00	\$977.22
3649	19-Aug-12	5	3	\$22.78	Yes	\$1,000.00	\$977.22
3650	19-Aug-12	5	4	\$22.78	Yes	\$1,000.00	\$977.22
3651	19-Aug-12	5	5	\$22.78	Yes	\$1,000.00	\$977.22
3652	19-Aug-12	5	6	\$22.78	Yes	\$1,000.00	\$977.22
3653	19-Aug-12	5	7	\$22.36	Yes	\$1,000.00	\$977.64
3654	19-Aug-12	5	8	\$22.78	Yes	\$1,000.00	\$977.22
3655	19-Aug-12	5	9	\$22.78	Yes	\$1,000.00	\$977.22
3656	19-Aug-12	5	10	\$22.71	Yes	\$1,000.00	\$977.29
3657	19-Aug-12	5	11	\$22.59	Yes	\$1,000.00	\$977.41
3658	19-Aug-12	5	12	\$22.36	Yes	\$1,000.00	\$977.64
3659	19-Aug-12	6	1	\$22.37	Yes	\$1,000.00	\$977.63
3660	19-Aug-12	6	2	\$22.37	Yes	\$1,000.00	\$977.63
3661	19-Aug-12	6	3	\$22.37	Yes	\$1,000.00	\$977.63
3662	19-Aug-12	6	4	\$22.13	Yes	\$1,000.00	\$977.87
3663	19-Aug-12	6	5	\$22.13	Yes	\$1,000.00	\$977.87
3664	19-Aug-12	6	6	\$22.36	Yes	\$1,000.00	\$977.64
3665	19-Aug-12	6	7	\$22.40	Yes	\$1,000.00	\$977.60
3666	19-Aug-12	6	8	\$22.40	Yes	\$1,000.00	\$977.60
3667	19-Aug-12	6	9	\$22.40	Yes	\$1,000.00	\$977.60
3668	19-Aug-12	6	10	\$22.42	Yes	\$1,000.00	\$977.58
3669	19-Aug-12	6	11	\$22.07	Yes	\$1,000.00	\$977.93
3670	19-Aug-12	6	12	\$22.22	Yes	\$1,000.00	\$977.78
3671	19-Aug-12	7	1	\$21.40	Yes	\$1,000.00	\$978.60
3672	19-Aug-12	7	2	\$22.04	Yes	\$1,000.00	\$977.96
3673	19-Aug-12	7	3	\$22.12	Yes	\$1,000.00	\$977.88
3674	19-Aug-12	7	4	\$20.23	Yes	\$1,000.00	\$979.77
3675	19-Aug-12	7	5	\$20.33	Yes	\$1,000.00	\$979.67
3676	19-Aug-12	7	6	\$10.70	Yes	\$1,000.00	\$989.30
3677	19-Aug-12	7	7	\$10.69	Yes	\$1,000.00	\$989.31
3678	19-Aug-12	7	8	\$10.69	Yes	\$1,000.00	\$989.31
3679	19-Aug-12	7	9	\$10.69	Yes	\$1,000.00	\$989.31
3680	19-Aug-12	7	10	\$10.68	Yes	\$1,000.00	\$989.32
3681	19-Aug-12	7	11	\$10.68	Yes	\$1,000.00	\$989.32
3682	19-Aug-12	7	12	(\$31.17)	Yes	\$1,000.00	\$1,031.17
3683	19-Aug-12	8	1	(\$31.17)	Yes	\$1,000.00	\$1,031.17
3684	19-Aug-12	8	2	\$10.62	Yes	\$1,000.00	\$989.38
3685	19-Aug-12	8	3	\$10.62	Yes	\$1,000.00	\$989.38

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3686	19-Aug-12	8	4	\$10.69	Yes	\$1,000.00	\$989.31
3687	19-Aug-12	8	5	\$12.11	Yes	\$1,000.00	\$987.89
3688	19-Aug-12	8	6	\$20.90	Yes	\$1,000.00	\$979.10
3689	19-Aug-12	8	7	\$17.05	Yes	\$1,000.00	\$982.95
3690	19-Aug-12	8	8	\$21.50	Yes	\$1,000.00	\$978.50
3691	19-Aug-12	8	9	\$22.69	Yes	\$1,000.00	\$977.31
3692	19-Aug-12	8	10	\$22.13	Yes	\$1,000.00	\$977.87
3693	19-Aug-12	8	11	\$22.76	Yes	\$1,000.00	\$977.24
3694	19-Aug-12	8	12	\$21.42	Yes	\$1,000.00	\$978.58
3695	19-Aug-12	9	1	\$13.46	Yes	\$1,000.00	\$986.54
3696	19-Aug-12	9	2	\$20.95	Yes	\$1,000.00	\$979.05
3697	19-Aug-12	9	3	\$21.97	Yes	\$1,000.00	\$978.03
3698	19-Aug-12	9	4	\$22.72	Yes	\$1,000.00	\$977.28
3699	19-Aug-12	9	5	\$23.65	Yes	\$1,000.00	\$976.35
3700	19-Aug-12	9	6	\$22.66	Yes	\$1,000.00	\$977.34
3701	19-Aug-12	9	7	\$21.47	Yes	\$1,000.00	\$978.53
3702	19-Aug-12	9	8	\$22.12	Yes	\$1,000.00	\$977.88
3703	19-Aug-12	9	9	\$23.83	Yes	\$1,000.00	\$976.17
3704	19-Aug-12	9	10	\$24.92	Yes	\$1,000.00	\$975.08
3705	19-Aug-12	9	11	\$24.97	Yes	\$1,000.00	\$975.03
3706	19-Aug-12	9	12	\$22.91	Yes	\$1,000.00	\$977.09
3707	19-Aug-12	10	1	\$21.88	Yes	\$1,000.00	\$978.12
3708	19-Aug-12	10	2	\$22.23	Yes	\$1,000.00	\$977.77
3709	19-Aug-12	10	3	\$21.45	Yes	\$1,000.00	\$978.55
3710	19-Aug-12	10	4	\$22.20	Yes	\$1,000.00	\$977.80
3711	19-Aug-12	10	5	\$22.23	Yes	\$1,000.00	\$977.77
3712	19-Aug-12	10	6	\$22.22	Yes	\$1,000.00	\$977.78
3713	19-Aug-12	10	7	\$24.84	Yes	\$1,000.00	\$975.16
3714	19-Aug-12	10	8	\$22.91	Yes	\$1,000.00	\$977.09
3715	19-Aug-12	10	9	\$22.91	Yes	\$1,000.00	\$977.09
3716	19-Aug-12	10	10	\$23.41	Yes	\$1,000.00	\$976.59
3717	19-Aug-12	10	11	\$24.81	Yes	\$1,000.00	\$975.19
3718	19-Aug-12	10	12	\$26.72	Yes	\$1,000.00	\$973.28
3719	19-Aug-12	11	1	\$22.47	Yes	\$1,000.00	\$977.53
3720	19-Aug-12	11	2	\$22.78	Yes	\$1,000.00	\$977.22
3721	19-Aug-12	11	3	\$22.39	Yes	\$1,000.00	\$977.61
3722	19-Aug-12	11	4	\$19.27	Yes	\$1,000.00	\$980.73
3723	19-Aug-12	11	5	\$22.54	Yes	\$1,000.00	\$977.46
3724	19-Aug-12	11	6	\$22.83	Yes	\$1,000.00	\$977.17
3725	19-Aug-12	11	7	\$25.22	Yes	\$1,000.00	\$974.78
3726	19-Aug-12	11	8	\$22.94	Yes	\$1,000.00	\$977.06
3727	19-Aug-12	11	9	\$22.70	Yes	\$1,000.00	\$977.30
3728	19-Aug-12	11	10	\$22.95	Yes	\$1,000.00	\$977.05
3729	19-Aug-12	11	11	\$25.97	Yes	\$1,000.00	\$974.03
3730	19-Aug-12	11	12	\$27.13	Yes	\$1,000.00	\$972.87

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3731	19-Aug-12	12	1	\$26.96	Yes	\$1,000.00	\$973.04
3732	19-Aug-12	12	2	\$26.03	Yes	\$1,000.00	\$973.97
3733	19-Aug-12	12	3	\$25.71	Yes	\$1,000.00	\$974.29
3734	19-Aug-12	12	4	\$26.90	Yes	\$1,000.00	\$973.10
3735	19-Aug-12	12	5	\$26.90	Yes	\$1,000.00	\$973.10
3736	19-Aug-12	12	6	\$27.12	Yes	\$1,000.00	\$972.88
3737	19-Aug-12	12	7	\$27.10	Yes	\$1,000.00	\$972.90
3738	19-Aug-12	12	8	\$28.92	Yes	\$1,000.00	\$971.08
3739	19-Aug-12	12	9	\$28.90	Yes	\$1,000.00	\$971.10
3740	19-Aug-12	12	10	\$27.09	Yes	\$1,000.00	\$972.91
3741	19-Aug-12	12	11	\$27.10	Yes	\$1,000.00	\$972.90
3742	19-Aug-12	12	12	\$29.21	Yes	\$1,000.00	\$970.79
3743	19-Aug-12	13	1	\$26.47	Yes	\$1,000.00	\$973.53
3744	19-Aug-12	13	2	\$27.02	Yes	\$1,000.00	\$972.98
3745	19-Aug-12	13	3	\$28.57	Yes	\$1,000.00	\$971.43
3746	19-Aug-12	13	4	\$27.58	Yes	\$1,000.00	\$972.42
3747	19-Aug-12	13	5	\$27.60	Yes	\$1,000.00	\$972.40
3748	19-Aug-12	13	6	\$27.61	Yes	\$1,000.00	\$972.39
3749	19-Aug-12	13	7	\$28.30	Yes	\$1,000.00	\$971.70
3750	19-Aug-12	13	8	\$26.86	Yes	\$1,000.00	\$973.14
3751	19-Aug-12	13	9	\$27.07	Yes	\$1,000.00	\$972.93
3752	19-Aug-12	13	10	\$1,910.08	Yes	\$1,000.00	(\$910.08)
3753	19-Aug-12	13	11	\$1,000.00	Yes	\$1,000.00	\$0.00
3754	19-Aug-12	13	12	\$1,000.00	Yes	\$1,000.00	\$0.00
3755	19-Aug-12	14	1	\$26.14	Yes	\$32.01	\$5.87
3756	19-Aug-12	14	1	\$26.14	Yes	\$33.98	\$7.84
3757	19-Aug-12	14	2	\$26.14	Yes	\$32.01	\$5.87
3758	19-Aug-12	14	2	\$26.14	Yes	\$33.98	\$7.84
3759	19-Aug-12	14	3	\$26.14	Yes	\$32.01	\$5.87
3760	19-Aug-12	14	3	\$26.14	Yes	\$33.98	\$7.84
3761	19-Aug-12	14	4	\$26.12	Yes	\$32.01	\$5.89
3762	19-Aug-12	14	4	\$26.12	Yes	\$33.98	\$7.86
3763	19-Aug-12	14	5	\$26.76	Yes	\$32.01	\$5.25
3764	19-Aug-12	14	5	\$26.76	Yes	\$33.98	\$7.22
3765	19-Aug-12	14	6	\$26.77	Yes	\$32.01	\$5.24
3766	19-Aug-12	14	6	\$26.77	Yes	\$33.98	\$7.21
3767	19-Aug-12	14	7	\$181.22	Yes	\$32.01	(\$149.21)
3768	19-Aug-12	14	7	\$181.22	Yes	\$33.98	(\$147.24)
3769	19-Aug-12	14	8	\$27.46	Yes	\$32.01	\$4.55
3770	19-Aug-12	14	8	\$27.46	Yes	\$33.98	\$6.52
3771	19-Aug-12	14	9	\$28.10	Yes	\$32.01	\$3.91
3772	19-Aug-12	14	9	\$28.10	Yes	\$33.98	\$5.88
3773	19-Aug-12	14	10	\$182.91	Yes	\$32.01	(\$150.90)
3774	19-Aug-12	14	10	\$182.91	Yes	\$33.98	(\$148.93)
3775	19-Aug-12	14	11	\$161.12	Yes	\$32.01	(\$129.11)



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3776	19-Aug-12	14	11	\$161.12	Yes	\$33.98	(\$127.14)
3777	19-Aug-12	14	12	\$160.47	Yes	\$32.01	(\$128.46)
3778	19-Aug-12	14	12	\$160.47	Yes	\$33.98	(\$126.49)
3779	19-Aug-12	15	1	\$112.34	Yes	\$1,000.00	\$887.66
3780	19-Aug-12	15	2	\$29.58	Yes	\$1,000.00	\$970.42
3781	19-Aug-12	15	3	\$31.68	Yes	\$1,000.00	\$968.32
3782	19-Aug-12	15	4	\$25.61	Yes	\$1,000.00	\$974.39
3783	19-Aug-12	15	5	\$26.40	Yes	\$1,000.00	\$973.60
3784	19-Aug-12	15	6	\$26.92	Yes	\$1,000.00	\$973.08
3785	19-Aug-12	15	7	\$26.78	Yes	\$1,000.00	\$973.22
3786	19-Aug-12	15	8	\$26.81	Yes	\$1,000.00	\$973.19
3787	19-Aug-12	15	9	\$26.90	Yes	\$1,000.00	\$973.10
3788	19-Aug-12	15	10	\$26.85	Yes	\$1,000.00	\$973.15
3789	19-Aug-12	15	11	\$26.90	Yes	\$1,000.00	\$973.10
3790	19-Aug-12	15	12	\$26.67	Yes	\$1,000.00	\$973.33
3791	19-Aug-12	16	1	\$123.52	Yes	\$1,000.00	\$876.48
3792	19-Aug-12	16	2	\$178.49	Yes	\$1,000.00	\$821.51
3793	19-Aug-12	16	3	\$142.71	Yes	\$1,000.00	\$857.29
3794	19-Aug-12	16	4	\$27.02	Yes	\$1,000.00	\$972.98
3795	19-Aug-12	16	5	\$26.97	Yes	\$1,000.00	\$973.03
3796	19-Aug-12	16	6	\$26.82	Yes	\$1,000.00	\$973.18
3797	19-Aug-12	16	7	\$26.76	Yes	\$1,000.00	\$973.24
3798	19-Aug-12	16	8	\$26.67	Yes	\$1,000.00	\$973.33
3799	19-Aug-12	16	9	\$26.75	Yes	\$1,000.00	\$973.25
3800	19-Aug-12	16	10	\$26.75	Yes	\$1,000.00	\$973.25
3801	19-Aug-12	16	11	\$26.74	Yes	\$1,000.00	\$973.26
3802	19-Aug-12	16	12	\$26.53	Yes	\$1,000.00	\$973.47
3803	19-Aug-12	17	1	\$26.29	Yes	\$1,000.00	\$973.71
3804	19-Aug-12	17	2	\$25.81	Yes	\$1,000.00	\$974.19
3805	19-Aug-12	17	3	\$25.96	Yes	\$1,000.00	\$974.04
3806	19-Aug-12	17	4	\$25.78	Yes	\$1,000.00	\$974.22
3807	19-Aug-12	17	5	\$25.45	Yes	\$1,000.00	\$974.55
3808	19-Aug-12	17	6	\$25.93	Yes	\$1,000.00	\$974.07
3809	19-Aug-12	17	7	\$25.77	Yes	\$1,000.00	\$974.23
3810	19-Aug-12	17	8	\$26.10	Yes	\$1,000.00	\$973.90
3811	19-Aug-12	17	9	\$26.12	Yes	\$1,000.00	\$973.88
3812	19-Aug-12	17	10	\$93.25	Yes	\$1,000.00	\$906.75
3813	19-Aug-12	17	11	\$101.61	Yes	\$1,000.00	\$898.39
3814	19-Aug-12	17	12	\$148.32	Yes	\$1,000.00	\$851.68
3815	19-Aug-12	18	1	\$26.32	Yes	\$1,000.00	\$973.68
3816	19-Aug-12	18	2	\$26.23	Yes	\$1,000.00	\$973.77
3817	19-Aug-12	18	3	\$26.68	Yes	\$1,000.00	\$973.32
3818	19-Aug-12	18	4	\$26.29	Yes	\$1,000.00	\$973.71
3819	19-Aug-12	18	5	\$26.15	Yes	\$1,000.00	\$973.85
3820	19-Aug-12	18	6	\$26.26	Yes	\$1,000.00	\$973.74

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3821	19-Aug-12	18	7	\$26.85	Yes	\$1,000.00	\$973.15
3822	19-Aug-12	18	8	\$26.81	Yes	\$1,000.00	\$973.19
3823	19-Aug-12	18	9	\$26.80	Yes	\$1,000.00	\$973.20
3824	19-Aug-12	18	10	\$28.00	Yes	\$1,000.00	\$972.00
3825	19-Aug-12	18	11	\$26.77	Yes	\$1,000.00	\$973.23
3826	19-Aug-12	18	12	\$25.59	Yes	\$1,000.00	\$974.41
3827	19-Aug-12	19	1	\$26.78	Yes	\$1,000.00	\$973.22
3828	19-Aug-12	19	2	\$26.78	Yes	\$1,000.00	\$973.22
3829	19-Aug-12	19	3	\$26.86	Yes	\$1,000.00	\$973.14
3830	19-Aug-12	19	4	\$26.83	Yes	\$1,000.00	\$973.17
3831	19-Aug-12	19	5	\$26.83	Yes	\$1,000.00	\$973.17
3832	19-Aug-12	19	6	\$26.83	Yes	\$1,000.00	\$973.17
3833	19-Aug-12	19	7	\$26.79	Yes	\$1,000.00	\$973.21
3834	19-Aug-12	19	8	\$26.54	Yes	\$1,000.00	\$973.46
3835	19-Aug-12	19	9	\$26.54	Yes	\$1,000.00	\$973.46
3836	19-Aug-12	19	10	\$27.70	Yes	\$1,000.00	\$972.30
3837	19-Aug-12	19	11	\$27.14	Yes	\$1,000.00	\$972.86
3838	19-Aug-12	19	12	\$26.33	Yes	\$1,000.00	\$973.67
3839	19-Aug-12	20	1	\$26.81	Yes	\$1,000.00	\$973.19
3840	19-Aug-12	20	2	\$26.75	Yes	\$1,000.00	\$973.25
3841	19-Aug-12	20	3	\$26.92	Yes	\$1,000.00	\$973.08
3842	19-Aug-12	20	4	\$26.33	Yes	\$1,000.00	\$973.67
3843	19-Aug-12	20	5	\$26.75	Yes	\$1,000.00	\$973.25
3844	19-Aug-12	20	6	\$26.80	Yes	\$1,000.00	\$973.20
3845	19-Aug-12	20	7	\$25.89	Yes	\$1,000.00	\$974.11
3846	19-Aug-12	20	8	\$25.46	Yes	\$1,000.00	\$974.54
3847	19-Aug-12	20	9	\$25.76	Yes	\$1,000.00	\$974.24
3848	19-Aug-12	20	10	\$25.43	Yes	\$1,000.00	\$974.57
3849	19-Aug-12	20	11	\$25.84	Yes	\$1,000.00	\$974.16
3850	19-Aug-12	20	12	\$26.81	Yes	\$1,000.00	\$973.19
3851	19-Aug-12	21	1	\$27.73	Yes	\$1,000.00	\$972.27
3852	19-Aug-12	21	2	\$27.94	Yes	\$1,000.00	\$972.06
3853	19-Aug-12	21	3	\$27.73	Yes	\$1,000.00	\$972.27
3854	19-Aug-12	21	4	\$27.65	Yes	\$1,000.00	\$972.35
3855	19-Aug-12	21	5	\$29.29	Yes	\$1,000.00	\$970.71
3856	19-Aug-12	21	6	\$27.65	Yes	\$1,000.00	\$972.35
3857	19-Aug-12	21	7	\$27.65	Yes	\$1,000.00	\$972.35
3858	19-Aug-12	21	8	\$27.65	Yes	\$1,000.00	\$972.35
3859	19-Aug-12	21	9	\$26.68	Yes	\$1,000.00	\$973.32
3860	19-Aug-12	21	10	\$26.82	Yes	\$1,000.00	\$973.18
3861	19-Aug-12	21	11	\$26.50	Yes	\$1,000.00	\$973.50
3862	19-Aug-12	21	12	\$26.27	Yes	\$1,000.00	\$973.73
3863	19-Aug-12	22	1	\$22.68	Yes	\$1,000.00	\$977.32
3864	19-Aug-12	22	2	\$22.68	Yes	\$1,000.00	\$977.32
3865	19-Aug-12	22	3	\$22.68	Yes	\$1,000.00	\$977.32

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3866	19-Aug-12	22	4	\$22.93	Yes	\$1,000.00	\$977.07
3867	19-Aug-12	22	5	\$22.75	Yes	\$1,000.00	\$977.25
3868	19-Aug-12	22	6	\$22.60	Yes	\$1,000.00	\$977.40
3869	19-Aug-12	22	7	\$22.38	Yes	\$1,000.00	\$977.62
3870	19-Aug-12	22	8	\$22.38	Yes	\$1,000.00	\$977.62
3871	19-Aug-12	22	9	\$22.26	Yes	\$1,000.00	\$977.74
3872	19-Aug-12	22	10	\$21.32	Yes	\$1,000.00	\$978.68
3873	19-Aug-12	22	11	\$20.44	Yes	\$1,000.00	\$979.56
3874	19-Aug-12	22	12	\$14.79	Yes	\$1,000.00	\$985.21
3875	19-Aug-12	23	1	\$19.93	Yes	\$1,000.00	\$980.07
3876	19-Aug-12	23	2	\$18.93	Yes	\$1,000.00	\$981.07
3877	19-Aug-12	23	3	\$20.58	Yes	\$1,000.00	\$979.42
3878	19-Aug-12	23	4	\$21.08	Yes	\$1,000.00	\$978.92
3879	19-Aug-12	23	5	\$19.08	Yes	\$1,000.00	\$980.92
3880	19-Aug-12	23	6	\$20.56	Yes	\$1,000.00	\$979.44
3881	19-Aug-12	23	7	\$18.77	Yes	\$1,000.00	\$981.23
3882	19-Aug-12	23	8	\$17.82	Yes	\$1,000.00	\$982.18
3883	19-Aug-12	23	9	\$13.05	Yes	\$1,000.00	\$986.95
3884	19-Aug-12	23	10	\$14.22	Yes	\$1,000.00	\$985.78
3885	19-Aug-12	23	11	\$12.07	Yes	\$1,000.00	\$987.93
3886	19-Aug-12	23	12	\$12.07	Yes	\$1,000.00	\$987.93
3887	19-Aug-12	24	1	\$21.96	Yes	\$1,000.00	\$978.04
3888	19-Aug-12	24	2	\$21.59	Yes	\$1,000.00	\$978.41
3889	19-Aug-12	24	3	\$21.60	Yes	\$1,000.00	\$978.40
3890	19-Aug-12	24	4	\$21.39	Yes	\$1,000.00	\$978.61
3891	19-Aug-12	24	5	\$20.76	Yes	\$1,000.00	\$979.24
3892	19-Aug-12	24	6	\$19.71	Yes	\$1,000.00	\$980.29
3893	19-Aug-12	24	7	\$10.79	Yes	\$1,000.00	\$989.21
3894	19-Aug-12	24	8	\$10.64	Yes	\$1,000.00	\$989.36
3895	19-Aug-12	24	9	\$10.79	Yes	\$1,000.00	\$989.21
3896	19-Aug-12	24	10	\$10.49	Yes	\$1,000.00	\$989.51
3897	19-Aug-12	24	11	\$10.49	Yes	\$1,000.00	\$989.51
3898	19-Aug-12	24	12	\$10.49	Yes	\$1,000.00	\$989.51
3899	20-Aug-12	1	1	\$19.56	Yes	\$1,000.00	\$980.44
3900	20-Aug-12	1	2	\$19.56	Yes	\$1,000.00	\$980.44
3901	20-Aug-12	1	3	\$22.72	Yes	\$1,000.00	\$977.28
3902	20-Aug-12	1	4	\$27.51	Yes	\$1,000.00	\$972.49
3903	20-Aug-12	1	5	\$25.66	Yes	\$1,000.00	\$974.34
3904	20-Aug-12	1	6	\$25.37	Yes	\$1,000.00	\$974.63
3905	20-Aug-12	1	7	\$22.69	Yes	\$1,000.00	\$977.31
3906	20-Aug-12	1	8	\$22.63	Yes	\$1,000.00	\$977.37
3907	20-Aug-12	1	9	\$22.69	Yes	\$1,000.00	\$977.31
3908	20-Aug-12	1	10	\$22.70	Yes	\$1,000.00	\$977.30
3909	20-Aug-12	1	11	\$22.10	Yes	\$1,000.00	\$977.90
3910	20-Aug-12	1	12	\$21.66	Yes	\$1,000.00	\$978.34

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3911	20-Aug-12	2	1	\$24.16	Yes	\$1,000.00	\$975.84
3912	20-Aug-12	2	2	\$24.16	Yes	\$1,000.00	\$975.84
3913	20-Aug-12	2	3	\$24.56	Yes	\$1,000.00	\$975.44
3914	20-Aug-12	2	4	\$24.56	Yes	\$1,000.00	\$975.44
3915	20-Aug-12	2	5	\$24.47	Yes	\$1,000.00	\$975.53
3916	20-Aug-12	2	6	\$22.76	Yes	\$1,000.00	\$977.24
3917	20-Aug-12	2	7	\$22.73	Yes	\$1,000.00	\$977.27
3918	20-Aug-12	2	8	\$22.77	Yes	\$1,000.00	\$977.23
3919	20-Aug-12	2	9	\$24.58	Yes	\$1,000.00	\$975.42
3920	20-Aug-12	2	10	\$22.07	Yes	\$1,000.00	\$977.93
3921	20-Aug-12	2	11	\$22.05	Yes	\$1,000.00	\$977.95
3922	20-Aug-12	2	12	\$22.07	Yes	\$1,000.00	\$977.93
3923	20-Aug-12	3	1	\$24.71	Yes	\$1,000.00	\$975.29
3924	20-Aug-12	3	2	\$24.71	Yes	\$1,000.00	\$975.29
3925	20-Aug-12	3	3	\$24.71	Yes	\$1,000.00	\$975.29
3926	20-Aug-12	3	4	\$24.71	Yes	\$1,000.00	\$975.29
3927	20-Aug-12	3	5	\$24.37	Yes	\$1,000.00	\$975.63
3928	20-Aug-12	3	6	\$22.09	Yes	\$1,000.00	\$977.91
3929	20-Aug-12	3	7	\$22.12	Yes	\$1,000.00	\$977.88
3930	20-Aug-12	3	8	\$22.12	Yes	\$1,000.00	\$977.88
3931	20-Aug-12	3	9	\$22.13	Yes	\$1,000.00	\$977.87
3932	20-Aug-12	3	10	\$22.77	Yes	\$1,000.00	\$977.23
3933	20-Aug-12	3	11	\$22.42	Yes	\$1,000.00	\$977.58
3934	20-Aug-12	3	12	\$22.05	Yes	\$1,000.00	\$977.95
3935	20-Aug-12	4	1	\$22.17	Yes	\$1,000.00	\$977.83
3936	20-Aug-12	4	2	\$22.06	Yes	\$1,000.00	\$977.94
3937	20-Aug-12	4	3	\$22.06	Yes	\$1,000.00	\$977.94
3938	20-Aug-12	4	4	\$22.41	Yes	\$1,000.00	\$977.59
3939	20-Aug-12	4	5	\$22.12	Yes	\$1,000.00	\$977.88
3940	20-Aug-12	4	6	\$22.06	Yes	\$1,000.00	\$977.94
3941	20-Aug-12	4	7	\$21.98	Yes	\$1,000.00	\$978.02
3942	20-Aug-12	4	8	\$21.98	Yes	\$1,000.00	\$978.02
3943	20-Aug-12	4	9	\$21.97	Yes	\$1,000.00	\$978.03
3944	20-Aug-12	4	10	\$22.41	Yes	\$1,000.00	\$977.59
3945	20-Aug-12	4	11	\$22.07	Yes	\$1,000.00	\$977.93
3946	20-Aug-12	4	12	\$22.05	Yes	\$1,000.00	\$977.95
3947	20-Aug-12	5	1	\$22.11	Yes	\$1,000.00	\$977.89
3948	20-Aug-12	5	2	\$22.06	Yes	\$1,000.00	\$977.94
3949	20-Aug-12	5	3	\$22.12	Yes	\$1,000.00	\$977.88
3950	20-Aug-12	5	4	\$22.66	Yes	\$1,000.00	\$977.34
3951	20-Aug-12	5	5	\$22.46	Yes	\$1,000.00	\$977.54
3952	20-Aug-12	5	6	\$22.46	Yes	\$1,000.00	\$977.54
3953	20-Aug-12	5	7	\$21.01	Yes	\$1,000.00	\$978.99
3954	20-Aug-12	5	8	\$22.06	Yes	\$1,000.00	\$977.94
3955	20-Aug-12	5	9	\$22.06	Yes	\$1,000.00	\$977.94

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3956	20-Aug-12	5	10	\$22.13	Yes	\$1,000.00	\$977.87
3957	20-Aug-12	5	11	\$22.35	Yes	\$1,000.00	\$977.65
3958	20-Aug-12	5	12	\$22.05	Yes	\$1,000.00	\$977.95
3959	20-Aug-12	6	1	\$22.03	Yes	\$32.01	\$9.98
3960	20-Aug-12	6	2	\$22.03	Yes	\$32.01	\$9.98
3961	20-Aug-12	6	3	\$22.77	Yes	\$32.01	\$9.24
3962	20-Aug-12	6	4	\$22.75	Yes	\$32.01	\$9.26
3963	20-Aug-12	6	5	\$23.71	Yes	\$32.01	\$8.30
3964	20-Aug-12	6	6	\$24.54	Yes	\$32.01	\$7.47
3965	20-Aug-12	6	7	\$23.71	Yes	\$32.01	\$8.30
3966	20-Aug-12	6	8	\$24.76	Yes	\$32.01	\$7.25
3967	20-Aug-12	6	9	\$24.76	Yes	\$32.01	\$7.25
3968	20-Aug-12	6	10	\$25.94	Yes	\$32.01	\$6.07
3969	20-Aug-12	6	11	\$25.88	Yes	\$32.01	\$6.13
3970	20-Aug-12	6	12	\$26.06	Yes	\$32.01	\$5.95
3971	20-Aug-12	7	1	\$22.76	Yes	\$1,000.00	\$977.24
3972	20-Aug-12	7	2	\$22.85	Yes	\$1,000.00	\$977.15
3973	20-Aug-12	7	3	\$22.85	Yes	\$1,000.00	\$977.15
3974	20-Aug-12	7	4	\$21.92	Yes	\$1,000.00	\$978.08
3975	20-Aug-12	7	5	\$22.71	Yes	\$1,000.00	\$977.29
3976	20-Aug-12	7	6	\$22.71	Yes	\$1,000.00	\$977.29
3977	20-Aug-12	7	7	\$22.75	Yes	\$1,000.00	\$977.25
3978	20-Aug-12	7	8	\$23.56	Yes	\$1,000.00	\$976.44
3979	20-Aug-12	7	9	\$24.99	Yes	\$1,000.00	\$975.02
3980	20-Aug-12	7	10	\$23.96	Yes	\$1,000.00	\$976.04
3981	20-Aug-12	7	11	\$24.69	Yes	\$1,000.00	\$975.31
3982	20-Aug-12	7	12	\$25.19	Yes	\$1,000.00	\$974.81
3983	20-Aug-12	8	1	\$22.05	Yes	\$1,000.00	\$977.95
3984	20-Aug-12	8	2	\$22.55	Yes	\$1,000.00	\$977.45
3985	20-Aug-12	8	3	\$22.55	Yes	\$1,000.00	\$977.45
3986	20-Aug-12	8	4	\$22.69	Yes	\$1,000.00	\$977.31
3987	20-Aug-12	8	5	\$22.69	Yes	\$1,000.00	\$977.31
3988	20-Aug-12	8	6	\$22.69	Yes	\$1,000.00	\$977.31
3989	20-Aug-12	8	7	\$22.69	Yes	\$1,000.00	\$977.31
3990	20-Aug-12	8	8	\$24.97	Yes	\$1,000.00	\$975.03
3991	20-Aug-12	8	9	\$25.79	Yes	\$1,000.00	\$974.21
3992	20-Aug-12	8	10	\$26.99	Yes	\$1,000.00	\$973.01
3993	20-Aug-12	8	11	\$26.99	Yes	\$1,000.00	\$973.01
3994	20-Aug-12	8	12	\$23.52	Yes	\$1,000.00	\$976.48
3995	20-Aug-12	9	1	\$22.12	Yes	\$1,000.00	\$977.88
3996	20-Aug-12	9	2	\$21.72	Yes	\$1,000.00	\$978.28
3997	20-Aug-12	9	3	\$20.81	Yes	\$1,000.00	\$979.19
3998	20-Aug-12	9	4	\$21.42	Yes	\$1,000.00	\$978.58
3999	20-Aug-12	9	5	\$22.64	Yes	\$1,000.00	\$977.36
4000	20-Aug-12	9	6	\$22.65	Yes	\$1,000.00	\$977.35

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4001	20-Aug-12	9	7	\$22.73	Yes	\$1,000.00	\$977.27
4002	20-Aug-12	9	8	\$22.73	Yes	\$1,000.00	\$977.27
4003	20-Aug-12	9	9	\$22.73	Yes	\$1,000.00	\$977.27
4004	20-Aug-12	9	10	\$25.22	Yes	\$1,000.00	\$974.78
4005	20-Aug-12	9	11	\$27.02	Yes	\$1,000.00	\$972.98
4006	20-Aug-12	9	12	\$26.79	Yes	\$1,000.00	\$973.21
4007	20-Aug-12	10	1	\$22.41	Yes	\$1,000.00	\$977.59
4008	20-Aug-12	10	2	\$22.50	Yes	\$1,000.00	\$977.50
4009	20-Aug-12	10	3	\$22.50	Yes	\$1,000.00	\$977.50
4010	20-Aug-12	10	4	\$22.67	Yes	\$1,000.00	\$977.33
4011	20-Aug-12	10	5	\$22.73	Yes	\$1,000.00	\$977.27
4012	20-Aug-12	10	6	\$22.73	Yes	\$1,000.00	\$977.27
4013	20-Aug-12	10	7	\$23.13	Yes	\$1,000.00	\$976.87
4014	20-Aug-12	10	8	\$23.37	Yes	\$1,000.00	\$976.63
4015	20-Aug-12	10	9	\$29.06	Yes	\$1,000.00	\$970.94
4016	20-Aug-12	10	10	\$33.24	Yes	\$1,000.00	\$966.76
4017	20-Aug-12	10	11	\$30.27	Yes	\$1,000.00	\$969.73
4018	20-Aug-12	10	12	\$32.04	Yes	\$1,000.00	\$967.96
4019	20-Aug-12	11	1	\$23.40	Yes	\$1,000.00	\$976.60
4020	20-Aug-12	11	2	\$26.60	Yes	\$1,000.00	\$973.40
4021	20-Aug-12	11	3	\$26.74	Yes	\$1,000.00	\$973.26
4022	20-Aug-12	11	4	\$26.91	Yes	\$1,000.00	\$973.09
4023	20-Aug-12	11	5	\$26.91	Yes	\$1,000.00	\$973.09
4024	20-Aug-12	11	6	\$26.91	Yes	\$1,000.00	\$973.09
4025	20-Aug-12	11	7	\$27.03	Yes	\$1,000.00	\$972.97
4026	20-Aug-12	11	8	\$27.10	Yes	\$1,000.00	\$972.90
4027	20-Aug-12	11	9	\$27.75	Yes	\$1,000.00	\$972.25
4028	20-Aug-12	11	10	\$30.78	Yes	\$1,000.00	\$969.22
4029	20-Aug-12	11	11	\$30.11	Yes	\$1,000.00	\$969.89
4030	20-Aug-12	11	12	\$32.12	Yes	\$1,000.00	\$967.88
4031	20-Aug-12	12	1	\$23.73	Yes	\$1,000.00	\$976.27
4032	20-Aug-12	12	2	\$26.70	Yes	\$1,000.00	\$973.30
4033	20-Aug-12	12	3	\$29.17	Yes	\$1,000.00	\$970.83
4034	20-Aug-12	12	4	\$26.49	Yes	\$1,000.00	\$973.51
4035	20-Aug-12	12	5	\$159.24	Yes	\$1,000.00	\$840.76
4036	20-Aug-12	12	6	\$131.45	Yes	\$1,000.00	\$868.55
4037	20-Aug-12	12	7	\$189.24	Yes	\$1,000.00	\$810.76
4038	20-Aug-12	12	8	\$184.47	Yes	\$1,000.00	\$815.53
4039	20-Aug-12	12	9	\$184.47	Yes	\$1,000.00	\$815.53
4040	20-Aug-12	12	10	\$179.06	Yes	\$1,000.00	\$820.94
4041	20-Aug-12	12	11	\$181.33	Yes	\$1,000.00	\$818.67
4042	20-Aug-12	12	12	\$30.00	Yes	\$1,000.00	\$970.00
4043	20-Aug-12	13	1	\$27.27	Yes	\$1,000.00	\$972.73
4044	20-Aug-12	13	2	\$27.27	Yes	\$1,000.00	\$972.73
4045	20-Aug-12	13	3	\$26.32	Yes	\$1,000.00	\$973.68

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4046	20-Aug-12	13	4	\$28.21	Yes	\$1,000.00	\$971.79
4047	20-Aug-12	13	5	\$26.68	Yes	\$1,000.00	\$973.32
4048	20-Aug-12	13	6	\$158.98	Yes	\$1,000.00	\$841.02
4049	20-Aug-12	13	7	\$32.36	Yes	\$1,000.00	\$967.64
4050	20-Aug-12	13	8	\$52.07	Yes	\$1,000.00	\$947.93
4051	20-Aug-12	13	9	\$29.09	Yes	\$1,000.00	\$970.91
4052	20-Aug-12	13	10	\$29.49	Yes	\$1,000.00	\$970.51
4053	20-Aug-12	13	11	\$30.63	Yes	\$1,000.00	\$969.37
4054	20-Aug-12	13	12	\$34.63	Yes	\$1,000.00	\$965.37
4055	20-Aug-12	14	1	\$34.63	Yes	\$1,000.00	\$965.37
4056	20-Aug-12	14	2	\$27.56	Yes	\$1,000.00	\$972.44
4057	20-Aug-12	14	3	\$27.56	Yes	\$1,000.00	\$972.44
4058	20-Aug-12	14	4	\$27.52	Yes	\$1,000.00	\$972.48
4059	20-Aug-12	14	5	\$29.58	Yes	\$1,000.00	\$970.42
4060	20-Aug-12	14	6	\$29.69	Yes	\$1,000.00	\$970.31
4061	20-Aug-12	14	7	\$33.16	Yes	\$1,000.00	\$966.84
4062	20-Aug-12	14	8	\$37.83	Yes	\$1,000.00	\$962.17
4063	20-Aug-12	14	9	\$37.34	Yes	\$1,000.00	\$962.66
4064	20-Aug-12	14	10	\$32.02	Yes	\$1,000.00	\$967.98
4065	20-Aug-12	14	11	\$32.00	Yes	\$1,000.00	\$968.00
4066	20-Aug-12	14	12	\$30.05	Yes	\$1,000.00	\$969.95
4067	20-Aug-12	15	1	\$180.35	Yes	\$1,000.00	\$819.65
4068	20-Aug-12	15	2	\$180.69	Yes	\$1,000.00	\$819.31
4069	20-Aug-12	15	3	\$126.09	Yes	\$1,000.00	\$873.91
4070	20-Aug-12	15	4	\$104.63	Yes	\$1,000.00	\$895.37
4071	20-Aug-12	15	5	\$107.19	Yes	\$1,000.00	\$892.81
4072	20-Aug-12	15	6	\$107.19	Yes	\$1,000.00	\$892.81
4073	20-Aug-12	15	7	\$147.35	Yes	\$1,000.00	\$852.65
4074	20-Aug-12	15	8	\$228.05	Yes	\$1,000.00	\$771.95
4075	20-Aug-12	15	9	\$66.56	Yes	\$1,000.00	\$933.44
4076	20-Aug-12	15	10	\$36.75	Yes	\$1,000.00	\$963.25
4077	20-Aug-12	15	11	\$34.29	Yes	\$1,000.00	\$965.71
4078	20-Aug-12	15	12	\$32.91	Yes	\$1,000.00	\$967.09
4079	20-Aug-12	16	1	\$226.64	Yes	\$1,000.00	\$773.36
4080	20-Aug-12	16	2	\$157.43	Yes	\$1,000.00	\$842.57
4081	20-Aug-12	16	3	\$1,000.00	Yes	\$1,000.00	\$0.00
4082	20-Aug-12	16	4	\$34.19	Yes	\$1,000.00	\$965.81
4083	20-Aug-12	16	5	\$34.18	Yes	\$1,000.00	\$965.82
4084	20-Aug-12	16	6	\$34.18	Yes	\$1,000.00	\$965.82
4085	20-Aug-12	16	7	\$34.05	Yes	\$1,000.00	\$965.95
4086	20-Aug-12	16	8	\$34.59	Yes	\$1,000.00	\$965.41
4087	20-Aug-12	16	9	\$34.87	Yes	\$1,000.00	\$965.13
4088	20-Aug-12	16	10	\$35.22	Yes	\$1,000.00	\$964.78
4089	20-Aug-12	16	11	\$35.19	Yes	\$1,000.00	\$964.81
4090	20-Aug-12	16	12	\$34.87	Yes	\$1,000.00	\$965.13

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4091	20-Aug-12	17	1	\$34.21	Yes	\$1,000.00	\$965.79
4092	20-Aug-12	17	2	\$34.04	Yes	\$1,000.00	\$965.96
4093	20-Aug-12	17	3	\$33.93	Yes	\$1,000.00	\$966.07
4094	20-Aug-12	17	4	\$34.05	Yes	\$1,000.00	\$965.95
4095	20-Aug-12	17	5	\$34.32	Yes	\$1,000.00	\$965.68
4096	20-Aug-12	17	6	\$34.32	Yes	\$1,000.00	\$965.68
4097	20-Aug-12	17	7	\$34.16	Yes	\$1,000.00	\$965.84
4098	20-Aug-12	17	8	\$34.21	Yes	\$1,000.00	\$965.79
4099	20-Aug-12	17	9	\$34.25	Yes	\$1,000.00	\$965.75
4100	20-Aug-12	17	10	\$34.11	Yes	\$1,000.00	\$965.89
4101	20-Aug-12	17	11	\$34.11	Yes	\$1,000.00	\$965.89
4102	20-Aug-12	17	12	\$33.87	Yes	\$1,000.00	\$966.13
4103	20-Aug-12	18	1	\$33.47	Yes	\$1,000.00	\$966.53
4104	20-Aug-12	18	2	\$33.12	Yes	\$1,000.00	\$966.88
4105	20-Aug-12	18	3	\$33.10	Yes	\$1,000.00	\$966.90
4106	20-Aug-12	18	4	\$166.59	Yes	\$1,000.00	\$833.41
4107	20-Aug-12	18	5	\$36.27	Yes	\$1,000.00	\$963.73
4108	20-Aug-12	18	6	\$31.99	Yes	\$1,000.00	\$968.01
4109	20-Aug-12	18	7	\$31.86	Yes	\$1,000.00	\$968.14
4110	20-Aug-12	18	8	\$32.26	Yes	\$1,000.00	\$967.74
4111	20-Aug-12	18	9	\$31.36	Yes	\$1,000.00	\$968.64
4112	20-Aug-12	18	10	\$32.03	Yes	\$1,000.00	\$967.97
4113	20-Aug-12	18	11	\$32.07	Yes	\$1,000.00	\$967.93
4114	20-Aug-12	18	12	\$30.96	Yes	\$1,000.00	\$969.04
4115	20-Aug-12	19	1	\$33.18	Yes	\$1,000.00	\$966.82
4116	20-Aug-12	19	2	\$33.18	Yes	\$1,000.00	\$966.82
4117	20-Aug-12	19	3	\$34.03	Yes	\$1,000.00	\$965.97
4118	20-Aug-12	19	4	\$35.75	Yes	\$1,000.00	\$964.25
4119	20-Aug-12	19	5	\$35.76	Yes	\$1,000.00	\$964.24
4120	20-Aug-12	19	6	\$35.21	Yes	\$1,000.00	\$964.79
4121	20-Aug-12	19	7	\$34.79	Yes	\$1,000.00	\$965.21
4122	20-Aug-12	19	8	\$33.85	Yes	\$1,000.00	\$966.15
4123	20-Aug-12	19	9	\$33.42	Yes	\$1,000.00	\$966.58
4124	20-Aug-12	19	10	\$31.91	Yes	\$1,000.00	\$968.09
4125	20-Aug-12	19	11	\$30.73	Yes	\$1,000.00	\$969.27
4126	20-Aug-12	19	12	\$27.85	Yes	\$1,000.00	\$972.15
4127	20-Aug-12	20	1	\$30.38	Yes	\$1,000.00	\$969.62
4128	20-Aug-12	20	2	\$29.60	Yes	\$1,000.00	\$970.40
4129	20-Aug-12	20	3	\$30.38	Yes	\$1,000.00	\$969.62
4130	20-Aug-12	20	4	\$31.79	Yes	\$1,000.00	\$968.21
4131	20-Aug-12	20	5	\$28.66	Yes	\$1,000.00	\$971.34
4132	20-Aug-12	20	6	\$28.66	Yes	\$1,000.00	\$971.34
4133	20-Aug-12	20	7	\$29.11	Yes	\$1,000.00	\$970.89
4134	20-Aug-12	20	8	\$27.59	Yes	\$1,000.00	\$972.41
4135	20-Aug-12	20	9	\$26.86	Yes	\$1,000.00	\$973.14



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4136	20-Aug-12	20	10	\$27.59	Yes	\$1,000.00	\$972.41
4137	20-Aug-12	20	11	\$27.59	Yes	\$1,000.00	\$972.41
4138	20-Aug-12	20	12	\$27.59	Yes	\$1,000.00	\$972.41
4139	20-Aug-12	21	1	\$30.27	Yes	\$1,000.00	\$969.73
4140	20-Aug-12	21	2	\$29.60	Yes	\$1,000.00	\$970.40
4141	20-Aug-12	21	3	\$29.59	Yes	\$1,000.00	\$970.41
4142	20-Aug-12	21	4	\$107.19	Yes	\$1,000.00	\$892.81
4143	20-Aug-12	21	5	\$32.54	Yes	\$1,000.00	\$967.46
4144	20-Aug-12	21	6	\$30.81	Yes	\$1,000.00	\$969.19
4145	20-Aug-12	21	7	\$29.66	Yes	\$1,000.00	\$970.34
4146	20-Aug-12	21	8	\$27.47	Yes	\$1,000.00	\$972.53
4147	20-Aug-12	21	9	\$27.47	Yes	\$1,000.00	\$972.53
4148	20-Aug-12	21	10	\$29.05	Yes	\$1,000.00	\$970.95
4149	20-Aug-12	21	11	\$25.23	Yes	\$1,000.00	\$974.77
4150	20-Aug-12	21	12	\$22.64	Yes	\$1,000.00	\$977.36
4151	20-Aug-12	22	1	\$22.51	Yes	\$1,000.00	\$977.49
4152	20-Aug-12	22	2	\$21.91	Yes	\$1,000.00	\$978.09
4153	20-Aug-12	22	3	\$22.50	Yes	\$1,000.00	\$977.50
4154	20-Aug-12	22	4	\$22.47	Yes	\$1,000.00	\$977.53
4155	20-Aug-12	22	5	\$22.52	Yes	\$1,000.00	\$977.48
4156	20-Aug-12	22	6	\$22.47	Yes	\$1,000.00	\$977.53
4157	20-Aug-12	22	7	\$21.63	Yes	\$1,000.00	\$978.37
4158	20-Aug-12	22	8	\$22.47	Yes	\$1,000.00	\$977.53
4159	20-Aug-12	22	9	\$21.29	Yes	\$1,000.00	\$978.71
4160	20-Aug-12	22	10	\$19.63	Yes	\$1,000.00	\$980.37
4161	20-Aug-12	22	11	\$17.98	Yes	\$1,000.00	\$982.02
4162	20-Aug-12	22	12	\$13.83	Yes	\$1,000.00	\$986.17
4163	20-Aug-12	23	1	\$22.30	Yes	\$1,000.00	\$977.70
4164	20-Aug-12	23	2	\$23.42	Yes	\$1,000.00	\$976.58
4165	20-Aug-12	23	3	\$28.12	Yes	\$1,000.00	\$971.88
4166	20-Aug-12	23	4	\$22.61	Yes	\$1,000.00	\$977.39
4167	20-Aug-12	23	5	\$22.61	Yes	\$1,000.00	\$977.39
4168	20-Aug-12	23	6	\$20.27	Yes	\$1,000.00	\$979.73
4169	20-Aug-12	23	7	\$19.83	Yes	\$1,000.00	\$980.17
4170	20-Aug-12	23	8	\$19.66	Yes	\$1,000.00	\$980.34
4171	20-Aug-12	23	9	\$19.54	Yes	\$1,000.00	\$980.46
4172	20-Aug-12	23	10	\$18.15	Yes	\$1,000.00	\$981.85
4173	20-Aug-12	23	11	\$17.89	Yes	\$1,000.00	\$982.11
4174	20-Aug-12	23	12	\$17.60	Yes	\$1,000.00	\$982.40
4175	20-Aug-12	24	1	\$19.77	Yes	\$1,000.00	\$980.23
4176	20-Aug-12	24	2	\$19.63	Yes	\$1,000.00	\$980.37
4177	20-Aug-12	24	3	\$20.90	Yes	\$1,000.00	\$979.10
4178	20-Aug-12	24	4	\$20.82	Yes	\$1,000.00	\$979.18
4179	20-Aug-12	24	5	\$18.95	Yes	\$1,000.00	\$981.05
4180	20-Aug-12	24	6	\$19.28	Yes	\$1,000.00	\$980.72

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4181	20-Aug-12	24	7	\$18.97	Yes	\$1,000.00	\$981.03
4182	20-Aug-12	24	8	\$16.64	Yes	\$1,000.00	\$983.36
4183	20-Aug-12	24	9	\$13.55	Yes	\$1,000.00	\$986.45
4184	20-Aug-12	24	10	\$12.14	Yes	\$1,000.00	\$987.86
4185	20-Aug-12	24	11	\$12.14	Yes	\$1,000.00	\$987.86
4186	20-Aug-12	24	12	\$5.43	Yes	\$1,000.00	\$994.57
4187	21-Aug-12	7	1	\$12.14	Yes	\$1,000.00	\$987.86
4188	21-Aug-12	7	2	\$8.46	Yes	\$1,000.00	\$991.54
4189	21-Aug-12	7	3	\$8.46	Yes	\$1,000.00	\$991.54
4190	21-Aug-12	7	4	\$22.61	Yes	\$1,000.00	\$977.39
4191	21-Aug-12	7	5	\$22.15	Yes	\$1,000.00	\$977.85
4192	21-Aug-12	7	6	\$22.53	Yes	\$1,000.00	\$977.47
4193	21-Aug-12	7	7	\$22.62	Yes	\$1,000.00	\$977.38
4194	21-Aug-12	7	8	\$21.32	Yes	\$1,000.00	\$978.68
4195	21-Aug-12	7	9	\$22.51	Yes	\$1,000.00	\$977.49
4196	21-Aug-12	7	10	\$23.16	Yes	\$1,000.00	\$976.84
4197	21-Aug-12	7	11	\$22.50	Yes	\$1,000.00	\$977.50
4198	21-Aug-12	7	12	\$22.50	Yes	\$1,000.00	\$977.50
4199	21-Aug-12	8	1	\$15.02	Yes	\$1,000.00	\$984.98
4200	21-Aug-12	8	2	\$18.79	Yes	\$1,000.00	\$981.21
4201	21-Aug-12	8	3	\$17.99	Yes	\$1,000.00	\$982.01
4202	21-Aug-12	8	4	\$18.38	Yes	\$1,000.00	\$981.62
4203	21-Aug-12	8	5	\$19.19	Yes	\$1,000.00	\$980.81
4204	21-Aug-12	8	6	\$21.08	Yes	\$1,000.00	\$978.92
4205	21-Aug-12	8	7	\$22.56	Yes	\$1,000.00	\$977.44
4206	21-Aug-12	8	8	\$23.07	Yes	\$1,000.00	\$976.93
4207	21-Aug-12	8	9	\$23.24	Yes	\$1,000.00	\$976.76
4208	21-Aug-12	8	10	\$27.61	Yes	\$1,000.00	\$972.39
4209	21-Aug-12	8	11	\$26.82	Yes	\$1,000.00	\$973.18
4210	21-Aug-12	8	12	\$23.07	Yes	\$1,000.00	\$976.93
4211	21-Aug-12	9	1	\$18.40	Yes	\$1,000.00	\$981.60
4212	21-Aug-12	9	2	\$10.79	Yes	\$1,000.00	\$989.21
4213	21-Aug-12	9	3	\$18.40	Yes	\$1,000.00	\$981.60
4214	21-Aug-12	9	4	\$19.47	Yes	\$1,000.00	\$980.53
4215	21-Aug-12	9	5	\$19.72	Yes	\$1,000.00	\$980.28
4216	21-Aug-12	9	6	\$22.92	Yes	\$1,000.00	\$977.08
4217	21-Aug-12	9	7	\$22.96	Yes	\$1,000.00	\$977.04
4218	21-Aug-12	9	8	\$22.88	Yes	\$1,000.00	\$977.12
4219	21-Aug-12	9	9	\$21.39	Yes	\$1,000.00	\$978.61
4220	21-Aug-12	9	10	\$22.83	Yes	\$1,000.00	\$977.17
4221	21-Aug-12	9	11	\$22.83	Yes	\$1,000.00	\$977.17
4222	21-Aug-12	9	12	\$22.91	Yes	\$1,000.00	\$977.09
4223	21-Aug-12	10	1	\$19.05	Yes	\$1,000.00	\$980.95
4224	21-Aug-12	10	2	\$17.85	Yes	\$1,000.00	\$982.15
4225	21-Aug-12	10	3	\$17.89	Yes	\$1,000.00	\$982.11

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4226	21-Aug-12	10	4	\$18.90	Yes	\$1,000.00	\$981.10
4227	21-Aug-12	10	5	\$18.94	Yes	\$1,000.00	\$981.06
4228	21-Aug-12	10	6	\$19.25	Yes	\$1,000.00	\$980.75
4229	21-Aug-12	10	7	\$19.41	Yes	\$1,000.00	\$980.59
4230	21-Aug-12	10	8	\$19.04	Yes	\$1,000.00	\$980.96
4231	21-Aug-12	10	9	\$19.81	Yes	\$1,000.00	\$980.19
4232	21-Aug-12	10	10	\$19.67	Yes	\$1,000.00	\$980.33
4233	21-Aug-12	10	11	\$19.76	Yes	\$1,000.00	\$980.24
4234	21-Aug-12	10	12	\$19.76	Yes	\$1,000.00	\$980.24
4235	21-Aug-12	11	1	\$19.21	Yes	\$1,000.00	\$980.79
4236	21-Aug-12	11	2	\$19.71	Yes	\$1,000.00	\$980.29
4237	21-Aug-12	11	3	\$19.80	Yes	\$1,000.00	\$980.20
4238	21-Aug-12	11	4	\$19.81	Yes	\$1,000.00	\$980.19
4239	21-Aug-12	11	5	\$20.33	Yes	\$1,000.00	\$979.67
4240	21-Aug-12	11	6	\$21.33	Yes	\$1,000.00	\$978.67
4241	21-Aug-12	11	7	\$20.88	Yes	\$1,000.00	\$979.12
4242	21-Aug-12	11	8	\$21.50	Yes	\$1,000.00	\$978.50
4243	21-Aug-12	11	9	\$21.52	Yes	\$1,000.00	\$978.48
4244	21-Aug-12	11	10	\$21.58	Yes	\$1,000.00	\$978.42
4245	21-Aug-12	11	11	\$22.26	Yes	\$1,000.00	\$977.74
4246	21-Aug-12	11	12	\$22.26	Yes	\$1,000.00	\$977.74
4247	21-Aug-12	12	1	\$22.26	Yes	\$1,000.00	\$977.74
4248	21-Aug-12	12	2	\$22.26	Yes	\$1,000.00	\$977.74
4249	21-Aug-12	12	3	\$22.26	Yes	\$1,000.00	\$977.74
4250	21-Aug-12	12	4	\$22.74	Yes	\$1,000.00	\$977.26
4251	21-Aug-12	12	5	\$22.74	Yes	\$1,000.00	\$977.26
4252	21-Aug-12	12	6	\$22.08	Yes	\$1,000.00	\$977.92
4253	21-Aug-12	12	7	\$26.91	Yes	\$1,000.00	\$973.09
4254	21-Aug-12	12	8	\$23.16	Yes	\$1,000.00	\$976.84
4255	21-Aug-12	12	9	\$23.16	Yes	\$1,000.00	\$976.84
4256	21-Aug-12	12	10	\$21.82	Yes	\$1,000.00	\$978.18
4257	21-Aug-12	12	11	\$22.16	Yes	\$1,000.00	\$977.84
4258	21-Aug-12	12	12	\$22.58	Yes	\$1,000.00	\$977.42
4259	21-Aug-12	13	1	\$21.13	Yes	\$1,000.00	\$978.87
4260	21-Aug-12	13	2	\$20.30	Yes	\$1,000.00	\$979.70
4261	21-Aug-12	13	3	\$20.63	Yes	\$1,000.00	\$979.37
4262	21-Aug-12	13	4	\$20.84	Yes	\$1,000.00	\$979.16
4263	21-Aug-12	13	5	\$22.41	Yes	\$1,000.00	\$977.59
4264	21-Aug-12	13	6	\$23.19	Yes	\$1,000.00	\$976.81
4265	21-Aug-12	13	7	\$23.17	Yes	\$1,000.00	\$976.83
4266	21-Aug-12	13	8	\$23.48	Yes	\$1,000.00	\$976.52
4267	21-Aug-12	13	9	\$24.04	Yes	\$1,000.00	\$975.96
4268	21-Aug-12	13	10	\$23.69	Yes	\$1,000.00	\$976.31
4269	21-Aug-12	13	11	\$24.73	Yes	\$1,000.00	\$975.27
4270	21-Aug-12	13	12	\$27.56	Yes	\$1,000.00	\$972.44

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4271	21-Aug-12	14	1	\$21.51	Yes	\$1,000.00	\$978.49
4272	21-Aug-12	14	2	\$22.05	Yes	\$1,000.00	\$977.95
4273	21-Aug-12	14	3	\$21.46	Yes	\$1,000.00	\$978.54
4274	21-Aug-12	14	4	\$22.41	Yes	\$1,000.00	\$977.59
4275	21-Aug-12	14	5	\$23.88	Yes	\$1,000.00	\$976.12
4276	21-Aug-12	14	6	\$24.18	Yes	\$1,000.00	\$975.82
4277	21-Aug-12	14	7	\$23.56	Yes	\$1,000.00	\$976.44
4278	21-Aug-12	14	8	\$23.91	Yes	\$1,000.00	\$976.09
4279	21-Aug-12	14	9	\$25.07	Yes	\$1,000.00	\$974.93
4280	21-Aug-12	14	10	\$24.18	Yes	\$1,000.00	\$975.82
4281	21-Aug-12	14	11	\$24.09	Yes	\$1,000.00	\$975.91
4282	21-Aug-12	14	12	\$24.09	Yes	\$1,000.00	\$975.91
4283	21-Aug-12	15	1	\$23.20	Yes	\$1,000.00	\$976.80
4284	21-Aug-12	15	2	\$22.70	Yes	\$1,000.00	\$977.30
4285	21-Aug-12	15	3	\$23.19	Yes	\$1,000.00	\$976.81
4286	21-Aug-12	15	4	\$23.21	Yes	\$1,000.00	\$976.79
4287	21-Aug-12	15	5	\$23.20	Yes	\$1,000.00	\$976.80
4288	21-Aug-12	15	6	\$23.23	Yes	\$1,000.00	\$976.77
4289	21-Aug-12	15	7	\$23.48	Yes	\$1,000.00	\$976.52
4290	21-Aug-12	15	8	\$26.17	Yes	\$1,000.00	\$973.83
4291	21-Aug-12	15	9	\$26.08	Yes	\$1,000.00	\$973.92
4292	21-Aug-12	15	10	\$26.31	Yes	\$1,000.00	\$973.69
4293	21-Aug-12	15	11	\$26.31	Yes	\$1,000.00	\$973.69
4294	21-Aug-12	15	12	\$25.92	Yes	\$1,000.00	\$974.08
4295	21-Aug-12	16	1	\$25.12	Yes	\$1,000.00	\$974.88
4296	21-Aug-12	16	2	\$24.30	Yes	\$1,000.00	\$975.70
4297	21-Aug-12	16	3	\$24.30	Yes	\$1,000.00	\$975.70
4298	21-Aug-12	16	4	\$23.75	Yes	\$1,000.00	\$976.25
4299	21-Aug-12	16	5	\$24.22	Yes	\$1,000.00	\$975.78
4300	21-Aug-12	16	6	\$24.18	Yes	\$1,000.00	\$975.82
4301	21-Aug-12	16	7	\$24.22	Yes	\$1,000.00	\$975.78
4302	21-Aug-12	16	8	\$25.12	Yes	\$1,000.00	\$974.88
4303	21-Aug-12	16	9	\$23.78	Yes	\$1,000.00	\$976.22
4304	21-Aug-12	16	10	\$23.92	Yes	\$1,000.00	\$976.08
4305	21-Aug-12	16	11	\$24.21	Yes	\$1,000.00	\$975.79
4306	21-Aug-12	16	12	\$26.19	Yes	\$1,000.00	\$973.81
4307	21-Aug-12	17	1	\$27.43	Yes	\$1,000.00	\$972.57
4308	21-Aug-12	17	2	\$26.36	Yes	\$1,000.00	\$973.64
4309	21-Aug-12	17	3	\$26.15	Yes	\$1,000.00	\$973.85
4310	21-Aug-12	17	4	\$25.93	Yes	\$1,000.00	\$974.07
4311	21-Aug-12	17	5	\$26.17	Yes	\$1,000.00	\$973.83
4312	21-Aug-12	17	6	\$26.13	Yes	\$1,000.00	\$973.87
4313	21-Aug-12	17	7	\$25.54	Yes	\$1,000.00	\$974.46
4314	21-Aug-12	17	8	\$25.59	Yes	\$1,000.00	\$974.41
4315	21-Aug-12	17	9	\$23.15	Yes	\$1,000.00	\$976.85

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4316	21-Aug-12	17	10	\$24.21	Yes	\$1,000.00	\$975.79
4317	21-Aug-12	17	11	\$23.87	Yes	\$1,000.00	\$976.13
4318	21-Aug-12	17	12	\$23.15	Yes	\$1,000.00	\$976.85
4319	21-Aug-12	18	1	\$23.23	Yes	\$1,000.00	\$976.77
4320	21-Aug-12	18	2	\$23.23	Yes	\$1,000.00	\$976.77
4321	21-Aug-12	18	3	\$23.23	Yes	\$1,000.00	\$976.77
4322	21-Aug-12	18	4	\$23.17	Yes	\$1,000.00	\$976.83
4323	21-Aug-12	18	5	\$23.16	Yes	\$1,000.00	\$976.84
4324	21-Aug-12	18	6	\$23.16	Yes	\$1,000.00	\$976.84
4325	21-Aug-12	18	7	\$22.77	Yes	\$1,000.00	\$977.23
4326	21-Aug-12	18	8	\$22.48	Yes	\$1,000.00	\$977.52
4327	21-Aug-12	18	9	\$22.48	Yes	\$1,000.00	\$977.52
4328	21-Aug-12	18	10	\$22.46	Yes	\$1,000.00	\$977.54
4329	21-Aug-12	18	11	\$22.46	Yes	\$1,000.00	\$977.54
4330	21-Aug-12	18	12	\$22.15	Yes	\$1,000.00	\$977.85
4331	21-Aug-12	19	1	\$23.14	Yes	\$1,000.00	\$976.86
4332	21-Aug-12	19	2	\$22.47	Yes	\$1,000.00	\$977.53
4333	21-Aug-12	19	3	\$23.17	Yes	\$1,000.00	\$976.83
4334	21-Aug-12	19	4	\$23.17	Yes	\$1,000.00	\$976.83
4335	21-Aug-12	19	5	\$23.17	Yes	\$1,000.00	\$976.83
4336	21-Aug-12	19	6	\$23.11	Yes	\$1,000.00	\$976.89
4337	21-Aug-12	19	7	\$22.22	Yes	\$1,000.00	\$977.78
4338	21-Aug-12	19	8	\$22.38	Yes	\$1,000.00	\$977.62
4339	21-Aug-12	19	9	\$22.38	Yes	\$1,000.00	\$977.62
4340	21-Aug-12	19	10	\$22.43	Yes	\$1,000.00	\$977.57
4341	21-Aug-12	19	11	\$22.13	Yes	\$1,000.00	\$977.87
4342	21-Aug-12	19	12	\$21.86	Yes	\$1,000.00	\$978.14
4343	21-Aug-12	20	1	\$23.10	Yes	\$1,000.00	\$976.90
4344	21-Aug-12	20	2	\$23.03	Yes	\$1,000.00	\$976.97
4345	21-Aug-12	20	3	\$22.95	Yes	\$1,000.00	\$977.05
4346	21-Aug-12	20	4	\$22.06	Yes	\$1,000.00	\$977.94
4347	21-Aug-12	20	5	\$21.65	Yes	\$1,000.00	\$978.35
4348	21-Aug-12	20	6	\$21.58	Yes	\$1,000.00	\$978.42
4349	21-Aug-12	20	7	\$21.56	Yes	\$1,000.00	\$978.44
4350	21-Aug-12	20	8	\$21.76	Yes	\$1,000.00	\$978.24
4351	21-Aug-12	20	9	\$22.82	Yes	\$1,000.00	\$977.18
4352	21-Aug-12	20	10	\$23.09	Yes	\$1,000.00	\$976.91
4353	21-Aug-12	20	11	\$23.09	Yes	\$1,000.00	\$976.91
4354	21-Aug-12	20	12	\$22.10	Yes	\$1,000.00	\$977.90
4355	21-Aug-12	21	1	\$24.45	Yes	\$1,000.00	\$975.55
4356	21-Aug-12	21	2	\$23.21	Yes	\$1,000.00	\$976.79
4357	21-Aug-12	21	3	\$23.21	Yes	\$1,000.00	\$976.79
4358	21-Aug-12	21	4	\$23.07	Yes	\$1,000.00	\$976.93
4359	21-Aug-12	21	5	\$23.12	Yes	\$1,000.00	\$976.88
4360	21-Aug-12	21	6	\$23.10	Yes	\$1,000.00	\$976.90

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4361	21-Aug-12	21	7	\$22.96	Yes	\$1,000.00	\$977.04
4362	21-Aug-12	21	8	\$23.25	Yes	\$1,000.00	\$976.75
4363	21-Aug-12	21	9	\$23.19	Yes	\$1,000.00	\$976.81
4364	21-Aug-12	21	10	\$22.97	Yes	\$1,000.00	\$977.03
4365	21-Aug-12	21	11	\$22.97	Yes	\$1,000.00	\$977.03
4366	21-Aug-12	21	12	\$22.35	Yes	\$1,000.00	\$977.65
4367	24-Aug-12	8	7	\$30.75	Yes	\$1,000.00	\$969.25
4368	24-Aug-12	8	8	\$25.74	Yes	\$1,000.00	\$974.26
4369	24-Aug-12	8	9	\$29.74	Yes	\$1,000.00	\$970.26
4370	24-Aug-12	8	10	\$31.83	Yes	\$1,000.00	\$968.17
4371	24-Aug-12	8	11	\$30.52	Yes	\$1,000.00	\$969.48
4372	24-Aug-12	8	12	\$29.91	Yes	\$1,000.00	\$970.09
4373	24-Aug-12	9	1	\$23.14	Yes	\$1,000.00	\$976.86
4374	24-Aug-12	9	2	\$22.87	Yes	\$1,000.00	\$977.13
4375	24-Aug-12	9	3	\$22.85	Yes	\$1,000.00	\$977.15
4376	24-Aug-12	9	4	\$23.11	Yes	\$1,000.00	\$976.89
4377	24-Aug-12	9	5	\$23.11	Yes	\$1,000.00	\$976.89
4378	24-Aug-12	9	6	\$23.11	Yes	\$1,000.00	\$976.89
4379	24-Aug-12	9	7	\$23.16	Yes	\$1,000.00	\$976.84
4380	24-Aug-12	9	8	\$23.65	Yes	\$1,000.00	\$976.35
4381	24-Aug-12	9	9	\$23.21	Yes	\$1,000.00	\$976.79
4382	24-Aug-12	9	10	\$22.87	Yes	\$1,000.00	\$977.13
4383	24-Aug-12	9	11	\$22.98	Yes	\$1,000.00	\$977.02
4384	24-Aug-12	9	12	\$23.22	Yes	\$1,000.00	\$976.78
4385	24-Aug-12	10	1	\$19.43	Yes	\$1,000.00	\$980.57
4386	24-Aug-12	10	2	\$19.43	Yes	\$1,000.00	\$980.57
4387	24-Aug-12	10	3	\$19.43	Yes	\$1,000.00	\$980.57
4388	24-Aug-12	10	4	\$19.59	Yes	\$1,000.00	\$980.41
4389	24-Aug-12	10	5	\$19.77	Yes	\$1,000.00	\$980.23
4390	24-Aug-12	10	6	\$22.26	Yes	\$1,000.00	\$977.74
4391	24-Aug-12	10	7	\$22.67	Yes	\$1,000.00	\$977.33
4392	24-Aug-12	10	8	\$22.51	Yes	\$1,000.00	\$977.49
4393	24-Aug-12	10	9	\$22.63	Yes	\$1,000.00	\$977.37
4394	24-Aug-12	10	10	\$22.72	Yes	\$1,000.00	\$977.28
4395	24-Aug-12	10	11	\$22.66	Yes	\$1,000.00	\$977.34
4396	24-Aug-12	10	12	\$22.64	Yes	\$1,000.00	\$977.36
4397	24-Aug-12	11	1	\$21.75	Yes	\$1,000.00	\$978.25
4398	24-Aug-12	11	2	\$22.36	Yes	\$1,000.00	\$977.64
4399	24-Aug-12	11	3	\$21.64	Yes	\$1,000.00	\$978.36
4400	24-Aug-12	11	4	\$21.71	Yes	\$1,000.00	\$978.29
4401	24-Aug-12	11	5	\$19.32	Yes	\$1,000.00	\$980.68
4402	24-Aug-12	11	6	\$19.32	Yes	\$1,000.00	\$980.68
4403	24-Aug-12	11	7	\$20.70	Yes	\$1,000.00	\$979.30
4404	24-Aug-12	11	8	\$22.93	Yes	\$1,000.00	\$977.07
4405	24-Aug-12	11	9	\$22.85	Yes	\$1,000.00	\$977.15

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4406	24-Aug-12	11	10	\$22.92	Yes	\$1,000.00	\$977.08
4407	24-Aug-12	11	11	\$23.12	Yes	\$1,000.00	\$976.88
4408	24-Aug-12	11	12	\$23.12	Yes	\$1,000.00	\$976.88
4409	24-Aug-12	12	1	\$22.69	Yes	\$1,000.00	\$977.31
4410	24-Aug-12	12	2	\$20.95	Yes	\$1,000.00	\$979.05
4411	24-Aug-12	12	3	\$21.78	Yes	\$1,000.00	\$978.22
4412	24-Aug-12	12	4	\$22.67	Yes	\$1,000.00	\$977.33
4413	24-Aug-12	12	5	\$152.04	Yes	\$1,000.00	\$847.96
4414	24-Aug-12	12	6	\$150.31	Yes	\$1,000.00	\$849.69
4415	24-Aug-12	12	7	\$133.17	Yes	\$1,000.00	\$866.83
4416	24-Aug-12	12	8	\$33.97	Yes	\$1,000.00	\$966.03
4417	24-Aug-12	12	9	\$24.93	Yes	\$1,000.00	\$975.07
4418	24-Aug-12	12	10	\$23.39	Yes	\$1,000.00	\$976.61
4419	24-Aug-12	12	11	\$23.49	Yes	\$1,000.00	\$976.51
4420	24-Aug-12	12	12	\$24.88	Yes	\$1,000.00	\$975.12
4421	28-Aug-12	15	5	\$31.40	Yes	\$1,000.00	\$968.60
4422	28-Aug-12	15	6	\$31.40	Yes	\$1,000.00	\$968.60
4423	28-Aug-12	15	7	\$30.74	Yes	\$1,000.00	\$969.26
4424	28-Aug-12	15	8	\$30.78	Yes	\$1,000.00	\$969.22
4425	28-Aug-12	15	9	\$30.24	Yes	\$1,000.00	\$969.76
4426	28-Aug-12	15	10	\$30.20	Yes	\$1,000.00	\$969.80
4427	28-Aug-12	15	11	\$30.78	Yes	\$1,000.00	\$969.22
4428	28-Aug-12	15	12	\$32.17	Yes	\$1,000.00	\$967.83
4429	28-Aug-12	16	1	\$31.87	Yes	\$1,000.00	\$968.13
4430	28-Aug-12	16	2	\$30.83	Yes	\$1,000.00	\$969.17
4431	28-Aug-12	16	3	\$33.38	Yes	\$1,000.00	\$966.62
4432	28-Aug-12	16	4	\$37.28	Yes	\$1,000.00	\$962.72
4433	28-Aug-12	16	5	\$35.19	Yes	\$1,000.00	\$964.81
4434	28-Aug-12	16	6	\$37.28	Yes	\$1,000.00	\$962.72
4435	28-Aug-12	16	7	\$37.71	Yes	\$1,000.00	\$962.29
4436	28-Aug-12	16	8	\$37.01	Yes	\$1,000.00	\$962.99
4437	28-Aug-12	16	9	\$37.01	Yes	\$1,000.00	\$962.99
4438	28-Aug-12	16	10	\$37.65	Yes	\$1,000.00	\$962.35
4439	28-Aug-12	16	11	\$35.37	Yes	\$1,000.00	\$964.63
4440	28-Aug-12	16	12	\$35.47	Yes	\$1,000.00	\$964.53
4441	28-Aug-12	17	1	\$34.74	Yes	\$1,000.00	\$965.26
4442	28-Aug-12	17	2	\$30.02	Yes	\$1,000.00	\$969.98
4443	28-Aug-12	17	3	\$30.86	Yes	\$1,000.00	\$969.14
4444	28-Aug-12	17	4	\$37.02	Yes	\$1,000.00	\$962.98
4445	28-Aug-12	17	5	\$37.33	Yes	\$1,000.00	\$962.67
4446	28-Aug-12	17	6	\$39.42	Yes	\$1,000.00	\$960.58
4447	28-Aug-12	17	7	\$37.05	Yes	\$1,000.00	\$962.95
4448	28-Aug-12	17	8	\$37.05	Yes	\$1,000.00	\$962.95
4449	28-Aug-12	17	9	\$35.77	Yes	\$1,000.00	\$964.23
4450	28-Aug-12	17	10	\$36.87	Yes	\$1,000.00	\$963.13

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4451	28-Aug-12	17	11	\$33.19	Yes	\$1,000.00	\$966.81
4452	28-Aug-12	17	12	\$33.19	Yes	\$1,000.00	\$966.81
4453	28-Aug-12	18	1	\$30.49	Yes	\$1,000.00	\$969.51
4454	28-Aug-12	18	2	\$29.85	Yes	\$1,000.00	\$970.15
4455	28-Aug-12	18	3	\$30.51	Yes	\$1,000.00	\$969.49
4456	28-Aug-12	18	4	\$30.11	Yes	\$1,000.00	\$969.89
4457	28-Aug-12	18	5	\$30.11	Yes	\$1,000.00	\$969.89
4458	28-Aug-12	18	6	\$30.11	Yes	\$1,000.00	\$969.89
4459	28-Aug-12	18	7	\$29.53	Yes	\$1,000.00	\$970.47
4460	28-Aug-12	18	8	\$29.53	Yes	\$1,000.00	\$970.47
4461	28-Aug-12	18	9	\$29.53	Yes	\$1,000.00	\$970.47
4462	28-Aug-12	18	10	\$29.76	Yes	\$1,000.00	\$970.24
4463	28-Aug-12	18	11	\$29.76	Yes	\$1,000.00	\$970.24
4464	28-Aug-12	18	12	\$29.76	Yes	\$1,000.00	\$970.24
4465	29-Aug-12	1	1	\$26.14	Yes	\$1,000.00	\$973.86
4466	29-Aug-12	1	2	\$22.61	Yes	\$1,000.00	\$977.39
4467	29-Aug-12	1	3	\$22.61	Yes	\$1,000.00	\$977.39
4468	29-Aug-12	1	4	\$26.30	Yes	\$1,000.00	\$973.70
4469	29-Aug-12	1	5	\$26.30	Yes	\$1,000.00	\$973.70
4470	29-Aug-12	1	6	\$23.23	Yes	\$1,000.00	\$976.77
4471	29-Aug-12	1	7	\$21.46	Yes	\$1,000.00	\$978.54
4472	29-Aug-12	1	8	\$21.46	Yes	\$1,000.00	\$978.54
4473	29-Aug-12	1	9	\$21.46	Yes	\$1,000.00	\$978.54
4474	29-Aug-12	1	10	\$21.39	Yes	\$1,000.00	\$978.61
4475	29-Aug-12	1	11	\$21.39	Yes	\$1,000.00	\$978.61
4476	29-Aug-12	1	12	\$21.39	Yes	\$1,000.00	\$978.61
4477	29-Aug-12	2	1	\$22.57	Yes	\$1,000.00	\$977.43
4478	29-Aug-12	2	2	\$22.57	Yes	\$1,000.00	\$977.43
4479	29-Aug-12	2	3	\$22.57	Yes	\$1,000.00	\$977.43
4480	29-Aug-12	2	4	\$22.54	Yes	\$1,000.00	\$977.46
4481	29-Aug-12	2	5	\$22.54	Yes	\$1,000.00	\$977.46
4482	29-Aug-12	2	6	\$22.54	Yes	\$1,000.00	\$977.46
4483	29-Aug-12	2	7	\$22.45	Yes	\$1,000.00	\$977.55
4484	29-Aug-12	2	8	\$21.73	Yes	\$1,000.00	\$978.27
4485	29-Aug-12	2	9	\$21.73	Yes	\$1,000.00	\$978.27
4486	29-Aug-12	2	10	\$21.77	Yes	\$1,000.00	\$978.23
4487	29-Aug-12	2	11	\$21.90	Yes	\$1,000.00	\$978.10
4488	29-Aug-12	2	12	\$22.50	Yes	\$1,000.00	\$977.50
4489	29-Aug-12	3	1	\$22.48	Yes	\$1,000.00	\$977.52
4490	29-Aug-12	3	2	\$22.49	Yes	\$1,000.00	\$977.51
4491	29-Aug-12	3	3	\$22.49	Yes	\$1,000.00	\$977.51
4492	29-Aug-12	3	4	\$21.84	Yes	\$1,000.00	\$978.16
4493	29-Aug-12	3	5	\$21.85	Yes	\$1,000.00	\$978.15
4494	29-Aug-12	3	6	\$21.65	Yes	\$1,000.00	\$978.35
4495	29-Aug-12	3	7	\$21.79	Yes	\$1,000.00	\$978.21



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4496	29-Aug-12	3	8	\$21.79	Yes	\$1,000.00	\$978.21
4497	29-Aug-12	3	9	\$22.34	Yes	\$1,000.00	\$977.66
4498	29-Aug-12	3	10	\$21.23	Yes	\$1,000.00	\$978.77
4499	29-Aug-12	3	11	\$21.23	Yes	\$1,000.00	\$978.77
4500	29-Aug-12	3	12	\$21.23	Yes	\$1,000.00	\$978.77
4501	29-Aug-12	4	1	\$19.47	Yes	\$1,000.00	\$980.53
4502	29-Aug-12	4	2	\$20.87	Yes	\$1,000.00	\$979.13
4503	29-Aug-12	4	3	\$21.27	Yes	\$1,000.00	\$978.73
4504	29-Aug-12	4	4	\$21.33	Yes	\$1,000.00	\$978.67
4505	29-Aug-12	4	5	\$21.33	Yes	\$1,000.00	\$978.67
4506	29-Aug-12	4	6	\$21.33	Yes	\$1,000.00	\$978.67
4507	29-Aug-12	4	7	\$21.37	Yes	\$1,000.00	\$978.63
4508	29-Aug-12	4	8	\$21.37	Yes	\$1,000.00	\$978.63
4509	29-Aug-12	4	9	\$21.37	Yes	\$1,000.00	\$978.63
4510	29-Aug-12	4	10	\$21.73	Yes	\$1,000.00	\$978.27
4511	29-Aug-12	4	11	\$21.73	Yes	\$1,000.00	\$978.27
4512	29-Aug-12	4	12	\$21.73	Yes	\$1,000.00	\$978.27
4513	29-Aug-12	5	1	\$21.21	Yes	\$1,000.00	\$978.79
4514	29-Aug-12	5	2	\$21.21	Yes	\$1,000.00	\$978.79
4515	29-Aug-12	5	3	\$21.48	Yes	\$1,000.00	\$978.52
4516	29-Aug-12	5	4	\$21.47	Yes	\$1,000.00	\$978.53
4517	29-Aug-12	5	5	\$21.75	Yes	\$1,000.00	\$978.25
4518	29-Aug-12	5	6	\$21.80	Yes	\$1,000.00	\$978.20
4519	29-Aug-12	5	7	\$21.42	Yes	\$1,000.00	\$978.58
4520	29-Aug-12	5	8	\$21.72	Yes	\$1,000.00	\$978.28
4521	29-Aug-12	5	9	\$21.81	Yes	\$1,000.00	\$978.19
4522	29-Aug-12	5	10	\$22.49	Yes	\$1,000.00	\$977.51
4523	29-Aug-12	5	11	\$22.13	Yes	\$1,000.00	\$977.87
4524	29-Aug-12	5	12	\$22.78	Yes	\$1,000.00	\$977.22
4525	29-Aug-12	6	1	\$21.21	Yes	\$1,000.00	\$978.79
4526	29-Aug-12	6	2	\$21.21	Yes	\$1,000.00	\$978.79
4527	29-Aug-12	6	3	\$21.21	Yes	\$1,000.00	\$978.79
4528	29-Aug-12	6	4	\$21.19	Yes	\$1,000.00	\$978.81
4529	29-Aug-12	6	5	\$21.69	Yes	\$1,000.00	\$978.31
4530	29-Aug-12	6	6	\$21.77	Yes	\$1,000.00	\$978.23
4531	29-Aug-12	6	7	\$21.34	Yes	\$1,000.00	\$978.66
4532	29-Aug-12	6	8	\$21.77	Yes	\$1,000.00	\$978.23
4533	29-Aug-12	6	9	\$21.83	Yes	\$1,000.00	\$978.17
4534	29-Aug-12	6	10	\$42.19	Yes	\$1,000.00	\$957.81
4535	29-Aug-12	6	11	\$26.76	Yes	\$1,000.00	\$973.24
4536	29-Aug-12	6	12	\$33.42	Yes	\$1,000.00	\$966.58
4537	29-Aug-12	7	1	\$20.39	Yes	\$1,000.00	\$979.61
4538	29-Aug-12	7	2	\$21.22	Yes	\$1,000.00	\$978.78
4539	29-Aug-12	7	3	\$21.22	Yes	\$1,000.00	\$978.78
4540	29-Aug-12	7	4	\$21.73	Yes	\$1,000.00	\$978.27

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4541	29-Aug-12	7	5	\$22.51	Yes	\$1,000.00	\$977.49
4542	29-Aug-12	7	6	\$21.90	Yes	\$1,000.00	\$978.10
4543	29-Aug-12	7	7	\$22.69	Yes	\$1,000.00	\$977.31
4544	29-Aug-12	7	8	\$22.69	Yes	\$1,000.00	\$977.31
4545	29-Aug-12	7	9	\$23.21	Yes	\$1,000.00	\$976.79
4546	29-Aug-12	7	10	\$22.70	Yes	\$1,000.00	\$977.30
4547	29-Aug-12	7	11	\$22.69	Yes	\$1,000.00	\$977.31
4548	29-Aug-12	7	12	\$26.54	Yes	\$1,000.00	\$973.46
4549	29-Aug-12	8	1	\$22.09	Yes	\$1,000.00	\$977.91
4550	29-Aug-12	8	2	\$22.67	Yes	\$1,000.00	\$977.33
4551	29-Aug-12	8	3	\$23.62	Yes	\$1,000.00	\$976.38
4552	29-Aug-12	8	4	\$24.30	Yes	\$1,000.00	\$975.70
4553	29-Aug-12	8	5	\$26.56	Yes	\$1,000.00	\$973.44
4554	29-Aug-12	8	6	\$28.79	Yes	\$1,000.00	\$971.21
4555	29-Aug-12	8	7	\$24.34	Yes	\$1,000.00	\$975.66
4556	29-Aug-12	8	8	\$25.27	Yes	\$1,000.00	\$974.73
4557	29-Aug-12	8	9	\$28.89	Yes	\$1,000.00	\$971.11
4558	29-Aug-12	8	10	\$29.06	Yes	\$1,000.00	\$970.94
4559	29-Aug-12	8	11	\$29.06	Yes	\$1,000.00	\$970.94
4560	29-Aug-12	8	12	\$25.93	Yes	\$1,000.00	\$974.07
4561	29-Aug-12	9	1	\$26.67	Yes	\$1,000.00	\$973.33
4562	29-Aug-12	9	2	\$22.77	Yes	\$1,000.00	\$977.23
4563	29-Aug-12	9	3	\$22.77	Yes	\$1,000.00	\$977.23
4564	29-Aug-12	9	4	\$24.59	Yes	\$1,000.00	\$975.41
4565	29-Aug-12	9	5	\$28.97	Yes	\$1,000.00	\$971.03
4566	29-Aug-12	9	6	\$29.02	Yes	\$1,000.00	\$970.98
4567	29-Aug-12	9	7	\$26.52	Yes	\$1,000.00	\$973.48
4568	29-Aug-12	9	8	\$29.26	Yes	\$1,000.00	\$970.74
4569	29-Aug-12	9	9	\$29.38	Yes	\$1,000.00	\$970.62
4570	29-Aug-12	9	10	\$29.00	Yes	\$1,000.00	\$971.00
4571	29-Aug-12	9	11	\$29.70	Yes	\$1,000.00	\$970.30
4572	29-Aug-12	9	12	\$32.15	Yes	\$1,000.00	\$967.85
4573	29-Aug-12	10	1	\$22.71	Yes	\$1,000.00	\$977.29
4574	29-Aug-12	10	2	\$22.71	Yes	\$1,000.00	\$977.29
4575	29-Aug-12	10	3	\$22.69	Yes	\$1,000.00	\$977.31
4576	29-Aug-12	10	4	\$22.63	Yes	\$1,000.00	\$977.37
4577	29-Aug-12	10	5	\$22.64	Yes	\$1,000.00	\$977.36
4578	29-Aug-12	10	6	\$23.43	Yes	\$1,000.00	\$976.57
4579	29-Aug-12	10	7	\$27.31	Yes	\$1,000.00	\$972.69
4580	29-Aug-12	10	8	\$26.13	Yes	\$1,000.00	\$973.87
4581	29-Aug-12	10	9	\$28.66	Yes	\$1,000.00	\$971.34
4582	29-Aug-12	10	10	\$25.32	Yes	\$1,000.00	\$974.68
4583	29-Aug-12	10	11	\$27.98	Yes	\$1,000.00	\$972.02
4584	29-Aug-12	10	12	\$42.13	Yes	\$1,000.00	\$957.87
4585	29-Aug-12	11	1	\$23.45	Yes	\$1,000.00	\$976.55

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4586	29-Aug-12	11	2	\$27.67	Yes	\$1,000.00	\$972.33
4587	29-Aug-12	11	3	\$25.37	Yes	\$1,000.00	\$974.63
4588	29-Aug-12	11	4	\$22.66	Yes	\$1,000.00	\$977.34
4589	29-Aug-12	11	5	\$22.00	Yes	\$1,000.00	\$978.00
4590	29-Aug-12	11	6	\$22.00	Yes	\$1,000.00	\$978.00
4591	29-Aug-12	11	7	\$23.13	Yes	\$1,000.00	\$976.87
4592	29-Aug-12	11	8	\$23.13	Yes	\$1,000.00	\$976.87
4593	29-Aug-12	11	9	\$23.05	Yes	\$1,000.00	\$976.95
4594	29-Aug-12	11	10	\$22.13	Yes	\$1,000.00	\$977.87
4595	29-Aug-12	11	11	\$22.60	Yes	\$1,000.00	\$977.40
4596	29-Aug-12	11	12	\$29.91	Yes	\$1,000.00	\$970.09
4597	29-Aug-12	12	1	\$26.94	Yes	\$1,000.00	\$973.06
4598	29-Aug-12	12	2	\$29.90	Yes	\$1,000.00	\$970.10
4599	29-Aug-12	12	3	\$29.90	Yes	\$1,000.00	\$970.10
4600	29-Aug-12	12	4	\$25.98	Yes	\$1,000.00	\$974.02
4601	29-Aug-12	12	5	\$27.45	Yes	\$1,000.00	\$972.55
4602	29-Aug-12	12	6	\$28.56	Yes	\$1,000.00	\$971.44
4603	29-Aug-12	12	7	\$28.96	Yes	\$1,000.00	\$971.04
4604	29-Aug-12	12	8	\$29.28	Yes	\$1,000.00	\$970.72
4605	29-Aug-12	12	9	\$29.42	Yes	\$1,000.00	\$970.58
4606	29-Aug-12	12	10	\$30.66	Yes	\$1,000.00	\$969.34
4607	29-Aug-12	12	11	\$30.31	Yes	\$1,000.00	\$969.69
4608	29-Aug-12	12	12	\$27.89	Yes	\$1,000.00	\$972.11
4609	29-Aug-12	13	1	\$25.90	Yes	\$1,000.00	\$974.10
4610	29-Aug-12	13	2	\$24.36	Yes	\$1,000.00	\$975.64
4611	29-Aug-12	13	3	\$23.73	Yes	\$1,000.00	\$976.27
4612	29-Aug-12	13	4	\$27.81	Yes	\$1,000.00	\$972.19
4613	29-Aug-12	13	5	\$28.91	Yes	\$1,000.00	\$971.09
4614	29-Aug-12	13	6	\$29.54	Yes	\$1,000.00	\$970.46
4615	29-Aug-12	13	7	\$30.89	Yes	\$1,000.00	\$969.11
4616	29-Aug-12	13	8	\$34.87	Yes	\$1,000.00	\$965.13
4617	29-Aug-12	13	9	\$33.30	Yes	\$1,000.00	\$966.70
4618	29-Aug-12	13	10	\$31.94	Yes	\$1,000.00	\$968.06
4619	29-Aug-12	13	11	\$31.94	Yes	\$1,000.00	\$968.06
4620	29-Aug-12	13	12	\$31.63	Yes	\$1,000.00	\$968.37
4621	29-Aug-12	14	1	\$25.62	Yes	\$1,000.00	\$974.38
4622	29-Aug-12	14	2	\$26.92	Yes	\$1,000.00	\$973.08
4623	29-Aug-12	14	3	\$22.87	Yes	\$1,000.00	\$977.13
4624	29-Aug-12	14	4	\$22.87	Yes	\$1,000.00	\$977.13
4625	29-Aug-12	14	5	\$23.20	Yes	\$1,000.00	\$976.80
4626	29-Aug-12	14	6	\$24.64	Yes	\$1,000.00	\$975.36
4627	29-Aug-12	14	7	\$27.20	Yes	\$1,000.00	\$972.80
4628	29-Aug-12	14	8	\$29.09	Yes	\$1,000.00	\$970.91
4629	29-Aug-12	14	9	\$29.28	Yes	\$1,000.00	\$970.72
4630	29-Aug-12	14	10	\$30.37	Yes	\$1,000.00	\$969.63

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4631	29-Aug-12	14	11	\$30.06	Yes	\$1,000.00	\$969.94
4632	29-Aug-12	14	12	\$30.06	Yes	\$1,000.00	\$969.94
4633	29-Aug-12	15	1	\$30.36	Yes	\$1,000.00	\$969.64
4634	29-Aug-12	15	2	\$30.36	Yes	\$1,000.00	\$969.64
4635	29-Aug-12	15	3	\$30.36	Yes	\$1,000.00	\$969.64
4636	29-Aug-12	15	4	\$30.93	Yes	\$1,000.00	\$969.07
4637	29-Aug-12	15	5	\$33.32	Yes	\$1,000.00	\$966.68
4638	29-Aug-12	15	6	\$36.51	Yes	\$1,000.00	\$963.49
4639	29-Aug-12	15	7	\$36.36	Yes	\$1,000.00	\$963.64
4640	29-Aug-12	15	8	\$37.30	Yes	\$1,000.00	\$962.70
4641	29-Aug-12	15	9	\$37.30	Yes	\$1,000.00	\$962.70
4642	29-Aug-12	15	10	\$37.95	Yes	\$1,000.00	\$962.05
4643	29-Aug-12	15	11	\$36.77	Yes	\$1,000.00	\$963.23
4644	29-Aug-12	15	12	\$36.39	Yes	\$1,000.00	\$963.61
4645	29-Aug-12	16	1	\$36.05	Yes	\$1,000.00	\$963.95
4646	29-Aug-12	16	2	\$33.92	Yes	\$1,000.00	\$966.08
4647	29-Aug-12	16	3	\$31.75	Yes	\$1,000.00	\$968.25
4648	29-Aug-12	16	4	\$30.29	Yes	\$1,000.00	\$969.71
4649	29-Aug-12	16	5	\$30.08	Yes	\$1,000.00	\$969.92
4650	29-Aug-12	16	6	\$30.90	Yes	\$1,000.00	\$969.10
4651	29-Aug-12	16	7	\$33.63	Yes	\$1,000.00	\$966.37
4652	29-Aug-12	16	8	\$35.01	Yes	\$1,000.00	\$964.99
4653	29-Aug-12	16	9	\$35.01	Yes	\$1,000.00	\$964.99
4654	29-Aug-12	16	10	\$34.68	Yes	\$1,000.00	\$965.32
4655	29-Aug-12	16	11	\$34.85	Yes	\$1,000.00	\$965.15
4656	29-Aug-12	16	12	\$34.95	Yes	\$1,000.00	\$965.05
4657	29-Aug-12	17	1	\$36.31	Yes	\$1,000.00	\$963.69
4658	29-Aug-12	17	2	\$995.68	Yes	\$1,000.00	\$4.32
4659	29-Aug-12	17	3	\$57.51	Yes	\$1,000.00	\$942.49
4660	29-Aug-12	17	4	\$129.78	Yes	\$1,000.00	\$870.22
4661	29-Aug-12	17	5	\$166.55	Yes	\$1,000.00	\$833.45
4662	29-Aug-12	17	6	\$139.20	Yes	\$1,000.00	\$860.80
4663	29-Aug-12	17	7	\$154.01	Yes	\$1,000.00	\$845.99
4664	29-Aug-12	17	8	\$153.95	Yes	\$1,000.00	\$846.05
4665	29-Aug-12	17	9	\$154.01	Yes	\$1,000.00	\$845.99
4666	29-Aug-12	17	10	\$153.26	Yes	\$1,000.00	\$846.74
4667	29-Aug-12	17	11	\$187.51	Yes	\$1,000.00	\$812.49
4668	29-Aug-12	17	12	\$37.79	Yes	\$1,000.00	\$962.21
4669	29-Aug-12	18	1	\$35.84	Yes	\$1,000.00	\$964.16
4670	29-Aug-12	18	2	\$35.07	Yes	\$1,000.00	\$964.93
4671	29-Aug-12	18	3	\$35.76	Yes	\$1,000.00	\$964.24
4672	29-Aug-12	18	4	\$32.89	Yes	\$1,000.00	\$967.11
4673	29-Aug-12	18	5	\$32.89	Yes	\$1,000.00	\$967.11
4674	29-Aug-12	18	6	\$32.89	Yes	\$1,000.00	\$967.11
4675	29-Aug-12	18	7	\$32.14	Yes	\$1,000.00	\$967.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4676	29-Aug-12	18	8	\$32.56	Yes	\$1,000.00	\$967.44
4677	29-Aug-12	18	9	\$31.78	Yes	\$1,000.00	\$968.22
4678	29-Aug-12	18	10	\$32.71	Yes	\$1,000.00	\$967.29
4679	29-Aug-12	18	11	\$32.72	Yes	\$1,000.00	\$967.28
4680	29-Aug-12	18	12	\$30.24	Yes	\$1,000.00	\$969.76
4681	29-Aug-12	19	1	\$30.24	Yes	\$1,000.00	\$969.76
4682	29-Aug-12	19	2	\$30.20	Yes	\$1,000.00	\$969.80
4683	29-Aug-12	19	3	\$30.18	Yes	\$1,000.00	\$969.82
4684	29-Aug-12	19	4	\$30.42	Yes	\$1,000.00	\$969.58
4685	29-Aug-12	19	5	\$30.29	Yes	\$1,000.00	\$969.71
4686	29-Aug-12	19	6	\$30.37	Yes	\$1,000.00	\$969.63
4687	29-Aug-12	19	7	\$29.79	Yes	\$1,000.00	\$970.21
4688	29-Aug-12	19	8	\$29.79	Yes	\$1,000.00	\$970.21
4689	29-Aug-12	19	9	\$29.42	Yes	\$1,000.00	\$970.58
4690	29-Aug-12	19	10	\$29.79	Yes	\$1,000.00	\$970.21
4691	29-Aug-12	19	11	\$29.24	Yes	\$1,000.00	\$970.76
4692	29-Aug-12	19	12	\$28.55	Yes	\$1,000.00	\$971.45
4693	29-Aug-12	20	1	\$29.18	Yes	\$1,000.00	\$970.82
4694	29-Aug-12	20	2	\$29.17	Yes	\$1,000.00	\$970.83
4695	29-Aug-12	20	3	\$29.80	Yes	\$1,000.00	\$970.20
4696	29-Aug-12	20	4	\$33.93	Yes	\$1,000.00	\$966.07
4697	29-Aug-12	20	5	\$33.93	Yes	\$1,000.00	\$966.07
4698	29-Aug-12	20	6	\$32.06	Yes	\$1,000.00	\$967.94
4699	29-Aug-12	20	7	\$40.51	Yes	\$1,000.00	\$959.49
4700	29-Aug-12	20	8	\$30.75	Yes	\$1,000.00	\$969.25
4701	29-Aug-12	20	9	\$30.84	Yes	\$1,000.00	\$969.16
4702	29-Aug-12	20	10	\$32.21	Yes	\$1,000.00	\$967.79
4703	29-Aug-12	20	11	\$30.84	Yes	\$1,000.00	\$969.16
4704	29-Aug-12	20	12	\$30.40	Yes	\$1,000.00	\$969.60
4705	29-Aug-12	21	1	\$41.94	Yes	\$1,000.00	\$958.06
4706	29-Aug-12	21	2	\$46.54	Yes	\$1,000.00	\$953.46
4707	29-Aug-12	21	3	\$82.07	Yes	\$1,000.00	\$917.93
4708	29-Aug-12	21	4	\$80.88	Yes	\$1,000.00	\$919.12
4709	29-Aug-12	21	5	\$80.89	Yes	\$1,000.00	\$919.11
4710	29-Aug-12	21	6	\$118.66	Yes	\$1,000.00	\$881.34
4711	29-Aug-12	21	7	\$33.54	Yes	\$1,000.00	\$966.46
4712	29-Aug-12	21	8	\$30.98	Yes	\$1,000.00	\$969.02
4713	29-Aug-12	21	9	\$31.18	Yes	\$1,000.00	\$968.82
4714	29-Aug-12	21	10	\$30.39	Yes	\$1,000.00	\$969.61
4715	29-Aug-12	21	11	\$29.70	Yes	\$1,000.00	\$970.30
4716	29-Aug-12	21	12	\$28.61	Yes	\$1,000.00	\$971.39
4717	29-Aug-12	22	1	\$34.92	Yes	\$1,000.00	\$965.08
4718	29-Aug-12	22	2	\$33.90	Yes	\$1,000.00	\$966.10
4719	29-Aug-12	22	3	\$36.30	Yes	\$1,000.00	\$963.70
4720	29-Aug-12	22	4	\$41.10	Yes	\$1,000.00	\$958.90

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4721	29-Aug-12	22	5	\$41.10	Yes	\$1,000.00	\$958.90
4722	29-Aug-12	22	6	\$28.47	Yes	\$1,000.00	\$971.53
4723	29-Aug-12	22	7	\$28.76	Yes	\$1,000.00	\$971.24
4724	29-Aug-12	22	8	\$26.93	Yes	\$1,000.00	\$973.07
4725	29-Aug-12	22	9	\$24.14	Yes	\$1,000.00	\$975.86
4726	29-Aug-12	22	10	\$26.38	Yes	\$1,000.00	\$973.62
4727	29-Aug-12	22	11	\$24.30	Yes	\$1,000.00	\$975.70
4728	29-Aug-12	22	12	\$22.15	Yes	\$1,000.00	\$977.85
4729	29-Aug-12	23	1	\$37.26	Yes	\$1,000.00	\$962.74
4730	29-Aug-12	23	2	\$34.21	Yes	\$1,000.00	\$965.79
4731	29-Aug-12	23	3	\$34.77	Yes	\$1,000.00	\$965.23
4732	29-Aug-12	23	4	\$33.59	Yes	\$1,000.00	\$966.41
4733	29-Aug-12	23	5	\$32.92	Yes	\$1,000.00	\$967.08
4734	29-Aug-12	23	6	\$31.21	Yes	\$1,000.00	\$968.79
4735	29-Aug-12	23	7	\$29.41	Yes	\$1,000.00	\$970.59
4736	29-Aug-12	23	8	\$23.78	Yes	\$1,000.00	\$976.22
4737	29-Aug-12	23	9	\$23.52	Yes	\$1,000.00	\$976.48
4738	29-Aug-12	23	10	\$23.40	Yes	\$1,000.00	\$976.60
4739	29-Aug-12	23	11	\$22.68	Yes	\$1,000.00	\$977.32
4740	29-Aug-12	23	12	\$22.62	Yes	\$1,000.00	\$977.38
4741	29-Aug-12	24	1	\$57.21	Yes	\$1,000.00	\$942.79
4742	29-Aug-12	24	2	\$35.76	Yes	\$1,000.00	\$964.24
4743	29-Aug-12	24	3	\$35.70	Yes	\$1,000.00	\$964.30
4744	29-Aug-12	24	4	\$23.37	Yes	\$1,000.00	\$976.63
4745	29-Aug-12	24	5	\$23.37	Yes	\$1,000.00	\$976.63
4746	29-Aug-12	24	6	\$23.37	Yes	\$1,000.00	\$976.63
4747	29-Aug-12	24	7	\$23.42	Yes	\$1,000.00	\$976.58
4748	29-Aug-12	24	8	\$22.63	Yes	\$1,000.00	\$977.37
4749	29-Aug-12	24	9	\$22.63	Yes	\$1,000.00	\$977.37
4750	29-Aug-12	24	10	\$22.20	Yes	\$1,000.00	\$977.80
4751	29-Aug-12	24	11	\$22.18	Yes	\$1,000.00	\$977.82
4752	29-Aug-12	24	12	\$21.94	Yes	\$1,000.00	\$978.06
4753	30-Aug-12	1	1	\$23.61	Yes	\$1,000.00	\$976.39
4754	30-Aug-12	1	2	\$24.98	Yes	\$1,000.00	\$975.02
4755	30-Aug-12	1	3	\$29.24	Yes	\$1,000.00	\$970.76
4756	30-Aug-12	1	4	\$27.16	Yes	\$1,000.00	\$972.84
4757	30-Aug-12	1	5	\$26.91	Yes	\$1,000.00	\$973.09
4758	30-Aug-12	1	6	\$27.75	Yes	\$1,000.00	\$972.25
4759	30-Aug-12	1	7	\$26.15	Yes	\$1,000.00	\$973.85
4760	30-Aug-12	1	8	\$25.13	Yes	\$1,000.00	\$974.87
4761	30-Aug-12	1	9	\$24.41	Yes	\$1,000.00	\$975.59
4762	30-Aug-12	1	10	\$24.41	Yes	\$1,000.00	\$975.59
4763	30-Aug-12	1	11	\$22.83	Yes	\$1,000.00	\$977.17
4764	30-Aug-12	1	12	\$28.34	Yes	\$1,000.00	\$971.66
4765	30-Aug-12	2	1	\$25.55	Yes	\$1,000.00	\$974.45

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4766	30-Aug-12	2	2	\$25.55	Yes	\$1,000.00	\$974.45
4767	30-Aug-12	2	3	\$25.55	Yes	\$1,000.00	\$974.45
4768	30-Aug-12	2	4	\$25.20	Yes	\$1,000.00	\$974.80
4769	30-Aug-12	2	5	\$24.88	Yes	\$1,000.00	\$975.12
4770	30-Aug-12	2	6	\$24.70	Yes	\$1,000.00	\$975.30
4771	30-Aug-12	2	7	\$24.56	Yes	\$1,000.00	\$975.44
4772	30-Aug-12	2	8	\$24.57	Yes	\$1,000.00	\$975.43
4773	30-Aug-12	2	9	\$24.57	Yes	\$1,000.00	\$975.43
4774	30-Aug-12	2	10	\$24.54	Yes	\$1,000.00	\$975.46
4775	30-Aug-12	2	11	\$24.06	Yes	\$1,000.00	\$975.94
4776	30-Aug-12	2	12	\$23.25	Yes	\$1,000.00	\$976.75
4777	30-Aug-12	3	1	\$24.95	Yes	\$1,000.00	\$975.05
4778	30-Aug-12	3	2	\$23.66	Yes	\$1,000.00	\$976.34
4779	30-Aug-12	3	3	\$23.52	Yes	\$1,000.00	\$976.48
4780	30-Aug-12	3	4	\$23.51	Yes	\$1,000.00	\$976.49
4781	30-Aug-12	3	5	\$23.15	Yes	\$1,000.00	\$976.85
4782	30-Aug-12	3	6	\$23.15	Yes	\$1,000.00	\$976.85
4783	30-Aug-12	3	7	\$22.73	Yes	\$1,000.00	\$977.27
4784	30-Aug-12	3	8	\$22.73	Yes	\$1,000.00	\$977.27
4785	30-Aug-12	3	9	\$22.67	Yes	\$1,000.00	\$977.33
4786	30-Aug-12	3	10	\$22.76	Yes	\$1,000.00	\$977.24
4787	30-Aug-12	3	11	\$22.76	Yes	\$1,000.00	\$977.24
4788	30-Aug-12	3	12	\$22.76	Yes	\$1,000.00	\$977.24
4789	30-Aug-12	4	1	\$22.71	Yes	\$1,000.00	\$977.29
4790	30-Aug-12	4	2	\$22.71	Yes	\$1,000.00	\$977.29
4791	30-Aug-12	4	3	\$22.71	Yes	\$1,000.00	\$977.29
4792	30-Aug-12	4	4	\$22.69	Yes	\$1,000.00	\$977.31
4793	30-Aug-12	4	5	\$22.49	Yes	\$1,000.00	\$977.51
4794	30-Aug-12	4	6	\$22.56	Yes	\$1,000.00	\$977.44
4795	30-Aug-12	4	7	\$22.57	Yes	\$1,000.00	\$977.43
4796	30-Aug-12	4	8	\$22.57	Yes	\$1,000.00	\$977.43
4797	30-Aug-12	4	9	\$22.57	Yes	\$1,000.00	\$977.43
4798	30-Aug-12	4	10	\$22.49	Yes	\$1,000.00	\$977.51
4799	30-Aug-12	4	11	\$22.49	Yes	\$1,000.00	\$977.51
4800	30-Aug-12	4	12	\$22.49	Yes	\$1,000.00	\$977.51
4801	30-Aug-12	5	1	\$22.62	Yes	\$1,000.00	\$977.38
4802	30-Aug-12	5	2	\$22.52	Yes	\$1,000.00	\$977.48
4803	30-Aug-12	5	3	\$22.62	Yes	\$1,000.00	\$977.38
4804	30-Aug-12	5	4	\$22.67	Yes	\$1,000.00	\$977.33
4805	30-Aug-12	5	5	\$22.75	Yes	\$1,000.00	\$977.25
4806	30-Aug-12	5	6	\$22.75	Yes	\$1,000.00	\$977.25
4807	30-Aug-12	5	7	\$22.77	Yes	\$1,000.00	\$977.23
4808	30-Aug-12	5	8	\$22.77	Yes	\$1,000.00	\$977.23
4809	30-Aug-12	5	9	\$22.77	Yes	\$1,000.00	\$977.23
4810	30-Aug-12	5	10	\$22.94	Yes	\$1,000.00	\$977.06

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4811	30-Aug-12	5	11	\$22.94	Yes	\$1,000.00	\$977.06
4812	30-Aug-12	5	12	\$23.11	Yes	\$1,000.00	\$976.89
4813	30-Aug-12	6	1	\$23.64	Yes	\$1,000.00	\$976.36
4814	30-Aug-12	6	2	\$24.00	Yes	\$1,000.00	\$976.00
4815	30-Aug-12	6	3	\$23.50	Yes	\$1,000.00	\$976.50
4816	30-Aug-12	6	4	\$22.93	Yes	\$1,000.00	\$977.07
4817	30-Aug-12	6	5	\$22.93	Yes	\$1,000.00	\$977.07
4818	30-Aug-12	6	6	\$22.93	Yes	\$1,000.00	\$977.07
4819	30-Aug-12	6	7	\$23.42	Yes	\$1,000.00	\$976.58
4820	30-Aug-12	6	8	\$24.19	Yes	\$1,000.00	\$975.81
4821	30-Aug-12	6	9	\$24.63	Yes	\$1,000.00	\$975.37
4822	30-Aug-12	6	10	\$26.77	Yes	\$1,000.00	\$973.23
4823	30-Aug-12	6	11	\$26.45	Yes	\$1,000.00	\$973.55
4824	30-Aug-12	6	12	\$26.76	Yes	\$1,000.00	\$973.24
4825	30-Aug-12	7	1	\$23.96	Yes	\$1,000.00	\$976.04
4826	30-Aug-12	7	2	\$23.96	Yes	\$1,000.00	\$976.04
4827	30-Aug-12	7	3	\$23.96	Yes	\$1,000.00	\$976.04
4828	30-Aug-12	7	4	\$25.07	Yes	\$1,000.00	\$974.93
4829	30-Aug-12	7	5	\$25.07	Yes	\$1,000.00	\$974.93
4830	30-Aug-12	7	6	\$25.41	Yes	\$1,000.00	\$974.59
4831	30-Aug-12	7	7	\$25.44	Yes	\$1,000.00	\$974.56
4832	30-Aug-12	7	8	\$25.72	Yes	\$1,000.00	\$974.28
4833	30-Aug-12	7	9	\$25.72	Yes	\$1,000.00	\$974.28
4834	30-Aug-12	7	10	\$25.17	Yes	\$1,000.00	\$974.83
4835	30-Aug-12	7	11	\$25.17	Yes	\$1,000.00	\$974.83
4836	30-Aug-12	7	12	\$25.20	Yes	\$1,000.00	\$974.80
4837	30-Aug-12	8	1	\$23.86	Yes	\$1,000.00	\$976.14
4838	30-Aug-12	8	2	\$24.33	Yes	\$1,000.00	\$975.67
4839	30-Aug-12	8	3	\$24.41	Yes	\$1,000.00	\$975.59
4840	30-Aug-12	8	4	\$24.58	Yes	\$1,000.00	\$975.42
4841	30-Aug-12	8	5	\$25.12	Yes	\$1,000.00	\$974.88
4842	30-Aug-12	8	6	\$25.69	Yes	\$1,000.00	\$974.31
4843	30-Aug-12	8	7	\$25.21	Yes	\$1,000.00	\$974.79
4844	30-Aug-12	8	8	\$26.00	Yes	\$1,000.00	\$974.00
4845	30-Aug-12	8	9	\$26.04	Yes	\$1,000.00	\$973.96
4846	30-Aug-12	8	10	\$25.92	Yes	\$1,000.00	\$974.08
4847	30-Aug-12	8	11	\$27.24	Yes	\$1,000.00	\$972.76
4848	30-Aug-12	8	12	\$27.24	Yes	\$1,000.00	\$972.76
4849	30-Aug-12	9	1	\$23.50	Yes	\$1,000.00	\$976.50
4850	30-Aug-12	9	2	\$23.50	Yes	\$1,000.00	\$976.50
4851	30-Aug-12	9	3	\$23.58	Yes	\$1,000.00	\$976.42
4852	30-Aug-12	9	4	\$25.24	Yes	\$1,000.00	\$974.76
4853	30-Aug-12	9	5	\$27.25	Yes	\$1,000.00	\$972.75
4854	30-Aug-12	9	6	\$27.25	Yes	\$1,000.00	\$972.75
4855	30-Aug-12	9	7	\$29.95	Yes	\$1,000.00	\$970.05



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4856	30-Aug-12	9	8	\$29.95	Yes	\$1,000.00	\$970.05
4857	30-Aug-12	9	9	\$30.61	Yes	\$1,000.00	\$969.39
4858	30-Aug-12	9	10	\$36.11	Yes	\$1,000.00	\$963.89
4859	30-Aug-12	9	11	\$34.16	Yes	\$1,000.00	\$965.84
4860	30-Aug-12	9	12	\$30.66	Yes	\$1,000.00	\$969.34
4861	30-Aug-12	10	1	\$23.59	Yes	\$1,000.00	\$976.41
4862	30-Aug-12	10	2	\$23.59	Yes	\$1,000.00	\$976.41
4863	30-Aug-12	10	3	\$29.91	Yes	\$1,000.00	\$970.09
4864	30-Aug-12	10	4	\$29.81	Yes	\$1,000.00	\$970.19
4865	30-Aug-12	10	5	\$30.30	Yes	\$1,000.00	\$969.70
4866	30-Aug-12	10	6	\$30.89	Yes	\$1,000.00	\$969.11
4867	30-Aug-12	10	7	\$33.97	Yes	\$1,000.00	\$966.03
4868	30-Aug-12	10	8	\$33.17	Yes	\$1,000.00	\$966.83
4869	30-Aug-12	10	9	\$38.04	Yes	\$1,000.00	\$961.96
4870	30-Aug-12	10	10	\$34.12	Yes	\$1,000.00	\$965.88
4871	30-Aug-12	10	11	\$30.73	Yes	\$1,000.00	\$969.27
4872	30-Aug-12	10	12	\$33.70	Yes	\$1,000.00	\$966.30
4873	30-Aug-12	11	1	\$25.70	Yes	\$1,000.00	\$974.30
4874	30-Aug-12	11	2	\$26.27	Yes	\$1,000.00	\$973.73
4875	30-Aug-12	11	3	\$34.77	Yes	\$1,000.00	\$965.23
4876	30-Aug-12	11	4	\$29.54	Yes	\$1,000.00	\$970.46
4877	30-Aug-12	11	5	\$28.90	Yes	\$1,000.00	\$971.10
4878	30-Aug-12	11	6	\$29.54	Yes	\$1,000.00	\$970.46
4879	30-Aug-12	11	7	\$6.26	Yes	\$1,000.00	\$993.74
4880	30-Aug-12	11	8	\$31.91	Yes	\$1,000.00	\$968.09
4881	30-Aug-12	11	9	\$30.79	Yes	\$1,000.00	\$969.21
4882	30-Aug-12	11	10	\$32.60	Yes	\$1,000.00	\$967.40
4883	30-Aug-12	11	11	\$32.37	Yes	\$1,000.00	\$967.63
4884	30-Aug-12	11	12	\$36.95	Yes	\$1,000.00	\$963.05
4885	30-Aug-12	12	1	\$23.78	Yes	\$1,000.00	\$976.22
4886	30-Aug-12	12	2	\$23.78	Yes	\$1,000.00	\$976.22
4887	30-Aug-12	12	3	\$25.14	Yes	\$1,000.00	\$974.86
4888	30-Aug-12	12	4	\$25.33	Yes	\$1,000.00	\$974.67
4889	30-Aug-12	12	5	\$25.50	Yes	\$1,000.00	\$974.50
4890	30-Aug-12	12	6	\$26.22	Yes	\$1,000.00	\$973.78
4891	30-Aug-12	12	7	\$27.00	Yes	\$1,000.00	\$973.00
4892	30-Aug-12	12	8	\$27.00	Yes	\$1,000.00	\$973.00
4893	30-Aug-12	12	9	\$27.14	Yes	\$1,000.00	\$972.86
4894	30-Aug-12	12	10	\$27.05	Yes	\$1,000.00	\$972.95
4895	30-Aug-12	12	11	\$27.15	Yes	\$1,000.00	\$972.85
4896	30-Aug-12	12	12	\$29.68	Yes	\$1,000.00	\$970.32
4897	30-Aug-12	13	1	\$28.24	Yes	\$1,000.00	\$971.76
4898	30-Aug-12	13	2	\$27.42	Yes	\$1,000.00	\$972.58
4899	30-Aug-12	13	3	\$25.70	Yes	\$1,000.00	\$974.30
4900	30-Aug-12	13	4	\$26.15	Yes	\$1,000.00	\$973.85

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4901	30-Aug-12	13	5	\$26.15	Yes	\$1,000.00	\$973.85
4902	30-Aug-12	13	6	\$26.18	Yes	\$1,000.00	\$973.82
4903	30-Aug-12	13	7	\$26.34	Yes	\$1,000.00	\$973.66
4904	30-Aug-12	13	8	\$26.33	Yes	\$1,000.00	\$973.67
4905	30-Aug-12	13	9	\$27.11	Yes	\$1,000.00	\$972.89
4906	30-Aug-12	13	10	\$28.15	Yes	\$1,000.00	\$971.85
4907	30-Aug-12	13	11	\$30.22	Yes	\$1,000.00	\$969.78
4908	30-Aug-12	13	12	\$30.22	Yes	\$1,000.00	\$969.78
4909	30-Aug-12	14	1	\$25.04	Yes	\$1,000.00	\$974.96
4910	30-Aug-12	14	2	\$23.98	Yes	\$1,000.00	\$976.02
4911	30-Aug-12	14	3	\$23.80	Yes	\$1,000.00	\$976.20
4912	30-Aug-12	14	4	\$23.75	Yes	\$1,000.00	\$976.25
4913	30-Aug-12	14	5	\$23.89	Yes	\$1,000.00	\$976.11
4914	30-Aug-12	14	6	\$29.77	Yes	\$1,000.00	\$970.23
4915	30-Aug-12	14	7	\$31.67	Yes	\$1,000.00	\$968.33
4916	30-Aug-12	14	8	\$26.60	Yes	\$1,000.00	\$973.40
4917	30-Aug-12	14	9	\$30.88	Yes	\$1,000.00	\$969.12
4918	30-Aug-12	14	10	\$0.00	Yes	\$1,000.00	\$1,000.00
4919	30-Aug-12	14	11	\$31.10	Yes	\$1,000.00	\$968.90
4920	30-Aug-12	14	12	\$31.13	Yes	\$1,000.00	\$968.87
4921	30-Aug-12	15	1	\$30.39	Yes	\$1,000.00	\$969.61
4922	30-Aug-12	15	2	\$29.97	Yes	\$1,000.00	\$970.03
4923	30-Aug-12	15	3	\$26.94	Yes	\$1,000.00	\$973.06
4924	30-Aug-12	15	4	\$30.14	Yes	\$1,000.00	\$969.86
4925	30-Aug-12	15	5	(\$25.27)	Yes	\$1,000.00	\$1,025.27
4926	30-Aug-12	15	6	\$31.23	Yes	\$1,000.00	\$968.77
4927	30-Aug-12	15	7	\$30.27	Yes	\$1,000.00	\$969.73
4928	30-Aug-12	15	8	\$31.23	Yes	\$1,000.00	\$968.77
4929	30-Aug-12	15	9	\$33.48	Yes	\$1,000.00	\$966.52
4930	30-Aug-12	15	10	\$30.30	Yes	\$1,000.00	\$969.70
4931	30-Aug-12	15	11	\$30.29	Yes	\$1,000.00	\$969.71
4932	30-Aug-12	15	12	\$29.73	Yes	\$1,000.00	\$970.27
4933	30-Aug-12	16	1	\$31.30	Yes	\$1,000.00	\$968.70
4934	30-Aug-12	16	2	\$29.74	Yes	\$1,000.00	\$970.26
4935	30-Aug-12	16	3	\$29.73	Yes	\$1,000.00	\$970.27
4936	30-Aug-12	16	4	\$29.20	Yes	\$1,000.00	\$970.80
4937	30-Aug-12	16	5	\$30.30	Yes	\$1,000.00	\$969.70
4938	30-Aug-12	16	6	\$29.23	Yes	\$1,000.00	\$970.77
4939	30-Aug-12	16	7	\$22.71	Yes	\$1,000.00	\$977.29
4940	30-Aug-12	16	8	\$25.39	Yes	\$1,000.00	\$974.61
4941	30-Aug-12	16	9	\$26.15	Yes	\$1,000.00	\$973.85
4942	30-Aug-12	16	10	\$27.02	Yes	\$1,000.00	\$972.98
4943	30-Aug-12	16	11	\$26.57	Yes	\$1,000.00	\$973.43
4944	30-Aug-12	16	12	\$22.72	Yes	\$1,000.00	\$977.28
4945	30-Aug-12	17	1	\$22.72	Yes	\$1,000.00	\$977.28

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4946	30-Aug-12	17	2	\$23.62	Yes	\$1,000.00	\$976.38
4947	30-Aug-12	17	3	\$23.62	Yes	\$1,000.00	\$976.38
4948	30-Aug-12	17	4	\$25.73	Yes	\$1,000.00	\$974.27
4949	30-Aug-12	17	5	\$25.72	Yes	\$1,000.00	\$974.28
4950	30-Aug-12	17	6	\$23.47	Yes	\$1,000.00	\$976.53
4951	30-Aug-12	17	7	\$22.72	Yes	\$1,000.00	\$977.28
4952	30-Aug-12	17	8	\$22.72	Yes	\$1,000.00	\$977.28
4953	30-Aug-12	17	9	\$22.72	Yes	\$1,000.00	\$977.28
4954	30-Aug-12	17	10	\$28.51	Yes	\$1,000.00	\$971.49
4955	30-Aug-12	17	11	\$26.56	Yes	\$1,000.00	\$973.44
4956	30-Aug-12	17	12	\$26.56	Yes	\$1,000.00	\$973.44
4957	30-Aug-12	18	1	\$16.72	Yes	\$1,000.00	\$983.28
4958	30-Aug-12	18	2	\$20.95	Yes	\$1,000.00	\$979.05
4959	30-Aug-12	18	3	\$22.29	Yes	\$1,000.00	\$977.71
4960	30-Aug-12	18	4	\$23.60	Yes	\$1,000.00	\$976.40
4961	30-Aug-12	18	5	\$25.41	Yes	\$1,000.00	\$974.59
4962	30-Aug-12	18	6	\$22.08	Yes	\$1,000.00	\$977.92
4963	30-Aug-12	18	7	\$21.25	Yes	\$1,000.00	\$978.75
4964	30-Aug-12	18	8	\$21.93	Yes	\$1,000.00	\$978.07
4965	30-Aug-12	18	9	\$22.09	Yes	\$1,000.00	\$977.91
4966	30-Aug-12	18	10	\$21.35	Yes	\$1,000.00	\$978.65
4967	30-Aug-12	18	11	\$21.77	Yes	\$1,000.00	\$978.23
4968	30-Aug-12	18	12	\$21.60	Yes	\$1,000.00	\$978.40
4969	30-Aug-12	19	1	\$22.06	Yes	\$1,000.00	\$977.94
4970	30-Aug-12	19	2	\$22.50	Yes	\$1,000.00	\$977.50
4971	30-Aug-12	19	3	\$22.79	Yes	\$1,000.00	\$977.21
4972	30-Aug-12	19	4	\$22.73	Yes	\$1,000.00	\$977.27
4973	30-Aug-12	19	5	\$23.60	Yes	\$1,000.00	\$976.40
4974	30-Aug-12	19	6	\$23.85	Yes	\$1,000.00	\$976.15
4975	30-Aug-12	19	7	\$22.61	Yes	\$1,000.00	\$977.39
4976	30-Aug-12	19	8	\$22.61	Yes	\$1,000.00	\$977.39
4977	30-Aug-12	19	9	\$22.61	Yes	\$1,000.00	\$977.39
4978	30-Aug-12	19	10	\$22.39	Yes	\$1,000.00	\$977.61
4979	30-Aug-12	19	11	\$22.39	Yes	\$1,000.00	\$977.61
4980	30-Aug-12	19	12	\$22.30	Yes	\$1,000.00	\$977.70
4981	30-Aug-12	20	1	\$22.53	Yes	\$1,000.00	\$977.47
4982	30-Aug-12	20	2	\$22.46	Yes	\$1,000.00	\$977.54
4983	30-Aug-12	20	3	\$22.54	Yes	\$1,000.00	\$977.46
4984	30-Aug-12	20	4	\$22.67	Yes	\$1,000.00	\$977.33
4985	30-Aug-12	20	5	\$22.71	Yes	\$1,000.00	\$977.29
4986	30-Aug-12	20	6	\$22.71	Yes	\$1,000.00	\$977.29
4987	30-Aug-12	20	7	\$26.01	Yes	\$1,000.00	\$973.99
4988	30-Aug-12	20	8	\$24.85	Yes	\$1,000.00	\$975.15
4989	30-Aug-12	20	9	\$26.78	Yes	\$1,000.00	\$973.22
4990	30-Aug-12	20	10	\$26.48	Yes	\$1,000.00	\$973.52

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
4991	30-Aug-12	20	11	\$26.89	Yes	\$1,000.00	\$973.11
4992	30-Aug-12	20	12	\$28.90	Yes	\$1,000.00	\$971.10
4993	30-Aug-12	21	1	\$27.19	Yes	\$1,000.00	\$972.81
4994	30-Aug-12	21	2	\$28.98	Yes	\$1,000.00	\$971.02
4995	30-Aug-12	21	3	\$28.98	Yes	\$1,000.00	\$971.02
4996	30-Aug-12	21	4	\$28.90	Yes	\$1,000.00	\$971.10
4997	30-Aug-12	21	5	\$28.90	Yes	\$1,000.00	\$971.10
4998	30-Aug-12	21	6	\$28.90	Yes	\$1,000.00	\$971.10
4999	30-Aug-12	21	7	\$28.81	Yes	\$1,000.00	\$971.19
5000	30-Aug-12	21	8	\$27.01	Yes	\$1,000.00	\$972.99
5001	30-Aug-12	21	9	\$24.51	Yes	\$1,000.00	\$975.49
5002	30-Aug-12	21	10	\$25.52	Yes	\$1,000.00	\$974.48
5003	30-Aug-12	21	11	\$22.69	Yes	\$1,000.00	\$977.31
5004	30-Aug-12	21	12	\$21.98	Yes	\$1,000.00	\$978.02
5005	30-Aug-12	22	1	\$22.52	Yes	\$1,000.00	\$977.48
5006	30-Aug-12	22	2	\$22.54	Yes	\$1,000.00	\$977.46
5007	30-Aug-12	22	3	\$22.74	Yes	\$1,000.00	\$977.26
5008	30-Aug-12	22	4	\$22.70	Yes	\$1,000.00	\$977.30
5009	30-Aug-12	22	5	\$22.70	Yes	\$1,000.00	\$977.30
5010	30-Aug-12	22	6	\$22.69	Yes	\$1,000.00	\$977.31
5011	30-Aug-12	22	7	\$21.48	Yes	\$1,000.00	\$978.52
5012	30-Aug-12	22	8	\$21.37	Yes	\$1,000.00	\$978.63
5013	30-Aug-12	22	9	\$20.35	Yes	\$1,000.00	\$979.65
5014	30-Aug-12	22	10	\$20.19	Yes	\$1,000.00	\$979.81
5015	30-Aug-12	22	11	\$17.92	Yes	\$1,000.00	\$982.08
5016	30-Aug-12	22	12	\$17.92	Yes	\$1,000.00	\$982.08
5017	30-Aug-12	23	1	\$22.57	Yes	\$1,000.00	\$977.43
5018	30-Aug-12	23	2	\$22.63	Yes	\$1,000.00	\$977.37
5019	30-Aug-12	23	3	\$22.76	Yes	\$1,000.00	\$977.24
5020	30-Aug-12	23	4	\$20.93	Yes	\$1,000.00	\$979.07
5021	30-Aug-12	23	5	\$19.59	Yes	\$1,000.00	\$980.41
5022	30-Aug-12	23	6	\$17.54	Yes	\$1,000.00	\$982.46
5023	30-Aug-12	23	7	\$18.00	Yes	\$1,000.00	\$982.00
5024	30-Aug-12	23	8	\$18.10	Yes	\$1,000.00	\$981.90
5025	30-Aug-12	23	9	\$17.89	Yes	\$1,000.00	\$982.11
5026	30-Aug-12	23	10	\$17.94	Yes	\$1,000.00	\$982.06
5027	30-Aug-12	23	11	\$15.76	Yes	\$1,000.00	\$984.24
5028	30-Aug-12	23	12	\$13.26	Yes	\$1,000.00	\$986.74
5029	30-Aug-12	24	1	\$19.86	Yes	\$1,000.00	\$980.14
5030	30-Aug-12	24	2	\$21.53	Yes	\$1,000.00	\$978.47
5031	30-Aug-12	24	3	\$22.65	Yes	\$1,000.00	\$977.35
5032	30-Aug-12	24	4	\$22.25	Yes	\$1,000.00	\$977.75
5033	30-Aug-12	24	5	\$22.84	Yes	\$1,000.00	\$977.16
5034	30-Aug-12	24	6	\$22.69	Yes	\$1,000.00	\$977.31
5035	30-Aug-12	24	7	\$21.82	Yes	\$1,000.00	\$978.18

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5036	30-Aug-12	24	8	\$20.88	Yes	\$1,000.00	\$979.12
5037	30-Aug-12	24	9	\$20.53	Yes	\$1,000.00	\$979.47
5038	30-Aug-12	24	10	\$20.26	Yes	\$1,000.00	\$979.74
5039	30-Aug-12	24	11	\$20.09	Yes	\$1,000.00	\$979.91
5040	30-Aug-12	24	12	\$20.26	Yes	\$1,000.00	\$979.74
5041	31-Aug-12	1	1	\$22.38	Yes	\$1,000.00	\$977.62
5042	31-Aug-12	1	2	\$21.89	Yes	\$1,000.00	\$978.11
5043	31-Aug-12	1	3	\$21.89	Yes	\$1,000.00	\$978.11
5044	31-Aug-12	1	4	\$21.01	Yes	\$1,000.00	\$978.99
5045	31-Aug-12	1	5	\$20.80	Yes	\$1,000.00	\$979.20
5046	31-Aug-12	1	6	\$18.95	Yes	\$1,000.00	\$981.05
5047	31-Aug-12	1	7	\$15.09	Yes	\$1,000.00	\$984.91
5048	31-Aug-12	1	8	\$12.92	Yes	\$1,000.00	\$987.08
5049	31-Aug-12	1	9	\$17.51	Yes	\$1,000.00	\$982.49
5050	31-Aug-12	1	10	\$18.59	Yes	\$1,000.00	\$981.41
5051	31-Aug-12	1	11	\$18.59	Yes	\$1,000.00	\$981.41
5052	31-Aug-12	1	12	\$18.59	Yes	\$1,000.00	\$981.41
5053	31-Aug-12	2	1	\$19.78	Yes	\$1,000.00	\$980.22
5054	31-Aug-12	2	2	\$21.86	Yes	\$1,000.00	\$978.14
5055	31-Aug-12	2	3	\$23.52	Yes	\$1,000.00	\$976.48
5056	31-Aug-12	2	4	\$23.60	Yes	\$1,000.00	\$976.40
5057	31-Aug-12	2	5	\$22.62	Yes	\$1,000.00	\$977.38
5058	31-Aug-12	2	6	\$22.46	Yes	\$1,000.00	\$977.54
5059	31-Aug-12	2	7	\$21.81	Yes	\$1,000.00	\$978.19
5060	31-Aug-12	2	8	\$20.68	Yes	\$1,000.00	\$979.32
5061	31-Aug-12	2	9	\$20.68	Yes	\$1,000.00	\$979.32
5062	31-Aug-12	2	10	\$21.82	Yes	\$1,000.00	\$978.18
5063	31-Aug-12	2	11	\$20.69	Yes	\$1,000.00	\$979.31
5064	31-Aug-12	2	12	\$18.62	Yes	\$1,000.00	\$981.38
5065	31-Aug-12	3	1	\$20.79	Yes	\$1,000.00	\$979.21
5066	31-Aug-12	3	2	\$19.80	Yes	\$1,000.00	\$980.20
5067	31-Aug-12	3	3	\$19.79	Yes	\$1,000.00	\$980.21
5068	31-Aug-12	3	4	\$20.26	Yes	\$1,000.00	\$979.74
5069	31-Aug-12	3	5	\$20.26	Yes	\$1,000.00	\$979.74
5070	31-Aug-12	3	6	\$20.26	Yes	\$1,000.00	\$979.74
5071	31-Aug-12	3	7	\$19.73	Yes	\$1,000.00	\$980.27
5072	31-Aug-12	3	8	\$11.39	Yes	\$1,000.00	\$988.61
5073	31-Aug-12	3	9	\$11.39	Yes	\$1,000.00	\$988.61
5074	31-Aug-12	3	10	\$13.31	Yes	\$1,000.00	\$986.69
5075	31-Aug-12	3	11	\$10.53	Yes	\$1,000.00	\$989.47
5076	31-Aug-12	3	12	\$5.34	Yes	\$1,000.00	\$994.66
5077	31-Aug-12	4	1	\$5.32	Yes	\$1,000.00	\$994.68
5078	31-Aug-12	4	2	\$5.32	Yes	\$1,000.00	\$994.68
5079	31-Aug-12	4	3	\$5.32	Yes	\$1,000.00	\$994.68
5080	31-Aug-12	4	4	\$5.35	Yes	\$1,000.00	\$994.65

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5081	31-Aug-12	4	5	\$5.35	Yes	\$1,000.00	\$994.65
5082	31-Aug-12	4	6	\$5.35	Yes	\$1,000.00	\$994.65
5083	31-Aug-12	4	7	(\$31.35)	Yes	\$1,000.00	\$1,031.35
5084	31-Aug-12	4	8	(\$31.31)	Yes	\$1,000.00	\$1,031.31
5085	31-Aug-12	4	9	(\$31.39)	Yes	\$1,000.00	\$1,031.39
5086	31-Aug-12	4	10	\$5.33	Yes	\$1,000.00	\$994.67
5087	31-Aug-12	4	11	\$5.33	Yes	\$1,000.00	\$994.67
5088	31-Aug-12	4	12	(\$31.53)	Yes	\$1,000.00	\$1,031.53
5089	31-Aug-12	5	1	(\$31.53)	Yes	\$32.74	\$64.27
5090	31-Aug-12	5	2	(\$31.49)	Yes	\$32.74	\$64.23
5091	31-Aug-12	5	3	\$5.35	Yes	\$32.74	\$27.39
5092	31-Aug-12	5	4	\$21.12	Yes	\$32.74	\$11.62
5093	31-Aug-12	5	5	\$21.12	Yes	\$32.74	\$11.62
5094	31-Aug-12	5	6	\$21.62	Yes	\$32.74	\$11.12
5095	31-Aug-12	5	7	\$21.68	Yes	\$32.74	\$11.06
5096	31-Aug-12	5	8	\$21.68	Yes	\$32.74	\$11.06
5097	31-Aug-12	5	9	\$21.18	Yes	\$32.74	\$11.56
5098	31-Aug-12	5	10	\$21.00	Yes	\$32.74	\$11.74
5099	31-Aug-12	5	11	\$21.79	Yes	\$32.74	\$10.95
5100	31-Aug-12	5	12	\$15.70	Yes	\$32.74	\$17.04
5101	31-Aug-12	6	1	\$11.55	Yes	\$32.74	\$21.19
5102	31-Aug-12	6	2	\$12.56	Yes	\$32.74	\$20.18
5103	31-Aug-12	6	3	\$13.57	Yes	\$32.74	\$19.17
5104	31-Aug-12	6	4	\$11.47	Yes	\$32.74	\$21.27
5105	31-Aug-12	6	5	\$12.73	Yes	\$32.74	\$20.01
5106	31-Aug-12	6	6	\$20.24	Yes	\$32.74	\$12.50
5107	31-Aug-12	6	7	\$20.69	Yes	\$32.74	\$12.05
5108	31-Aug-12	6	8	\$21.68	Yes	\$32.74	\$11.06
5109	31-Aug-12	6	9	\$21.88	Yes	\$32.74	\$10.86
5110	31-Aug-12	6	10	\$23.27	Yes	\$32.74	\$9.47
5111	31-Aug-12	6	11	\$22.68	Yes	\$32.74	\$10.06
5112	31-Aug-12	6	12	\$22.89	Yes	\$32.74	\$9.85
5113	31-Aug-12	7	1	\$11.52	Yes	\$1,000.00	\$988.48
5114	31-Aug-12	7	2	\$13.15	Yes	\$1,000.00	\$986.85
5115	31-Aug-12	7	3	\$22.94	Yes	\$1,000.00	\$977.06
5116	31-Aug-12	7	4	\$22.20	Yes	\$1,000.00	\$977.80
5117	31-Aug-12	7	5	\$22.38	Yes	\$1,000.00	\$977.62
5118	31-Aug-12	7	6	\$22.38	Yes	\$1,000.00	\$977.62
5119	31-Aug-12	7	7	\$22.81	Yes	\$1,000.00	\$977.19
5120	31-Aug-12	7	8	\$22.61	Yes	\$1,000.00	\$977.39
5121	31-Aug-12	7	9	\$22.81	Yes	\$1,000.00	\$977.19
5122	31-Aug-12	7	10	\$23.18	Yes	\$1,000.00	\$976.82
5123	31-Aug-12	7	11	\$23.19	Yes	\$1,000.00	\$976.81
5124	31-Aug-12	7	12	\$23.23	Yes	\$1,000.00	\$976.77
5125	31-Aug-12	8	1	\$19.65	Yes	\$1,000.00	\$980.35

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5126	31-Aug-12	8	2	\$19.76	Yes	\$1,000.00	\$980.24
5127	31-Aug-12	8	3	\$19.74	Yes	\$1,000.00	\$980.26
5128	31-Aug-12	8	4	\$20.82	Yes	\$1,000.00	\$979.18
5129	31-Aug-12	8	5	\$20.92	Yes	\$1,000.00	\$979.08
5130	31-Aug-12	8	6	\$22.47	Yes	\$1,000.00	\$977.53
5131	31-Aug-12	8	7	\$22.45	Yes	\$1,000.00	\$977.55
5132	31-Aug-12	8	8	\$21.11	Yes	\$1,000.00	\$978.89
5133	31-Aug-12	8	9	\$21.68	Yes	\$1,000.00	\$978.32
5134	31-Aug-12	8	10	\$20.84	Yes	\$1,000.00	\$979.16
5135	31-Aug-12	8	11	\$20.84	Yes	\$1,000.00	\$979.16
5136	31-Aug-12	8	12	\$21.28	Yes	\$1,000.00	\$978.72
5137	31-Aug-12	9	1	\$18.43	Yes	\$1,000.00	\$981.57
5138	31-Aug-12	9	2	\$19.54	Yes	\$1,000.00	\$980.46
5139	31-Aug-12	9	3	\$20.72	Yes	\$1,000.00	\$979.28
5140	31-Aug-12	9	4	\$20.89	Yes	\$1,000.00	\$979.11
5141	31-Aug-12	9	5	\$20.92	Yes	\$1,000.00	\$979.08
5142	31-Aug-12	9	6	\$21.54	Yes	\$1,000.00	\$978.46
5143	31-Aug-12	9	7	\$22.24	Yes	\$1,000.00	\$977.76
5144	31-Aug-12	9	8	\$22.64	Yes	\$1,000.00	\$977.36
5145	31-Aug-12	9	9	\$22.75	Yes	\$1,000.00	\$977.25
5146	31-Aug-12	9	10	\$23.27	Yes	\$1,000.00	\$976.73
5147	31-Aug-12	9	11	\$23.27	Yes	\$1,000.00	\$976.73
5148	31-Aug-12	9	12	\$23.67	Yes	\$1,000.00	\$976.33
5149	31-Aug-12	10	1	\$22.79	Yes	\$1,000.00	\$977.21
5150	31-Aug-12	10	2	\$22.77	Yes	\$1,000.00	\$977.23
5151	31-Aug-12	10	3	\$22.77	Yes	\$1,000.00	\$977.23
5152	31-Aug-12	10	4	\$22.91	Yes	\$1,000.00	\$977.09
5153	31-Aug-12	10	5	\$22.91	Yes	\$1,000.00	\$977.09
5154	31-Aug-12	10	6	\$22.92	Yes	\$1,000.00	\$977.08
5155	31-Aug-12	10	7	\$22.88	Yes	\$1,000.00	\$977.12
5156	31-Aug-12	10	8	\$22.92	Yes	\$1,000.00	\$977.08
5157	31-Aug-12	10	9	\$22.88	Yes	\$1,000.00	\$977.12
5158	31-Aug-12	10	10	\$23.61	Yes	\$1,000.00	\$976.39
5159	31-Aug-12	10	11	\$23.40	Yes	\$1,000.00	\$976.60
5160	31-Aug-12	10	12	\$24.99	Yes	\$1,000.00	\$975.01
5161	31-Aug-12	11	1	\$22.55	Yes	\$1,000.00	\$977.45
5162	31-Aug-12	11	2	\$22.66	Yes	\$1,000.00	\$977.34
5163	31-Aug-12	11	3	\$22.34	Yes	\$1,000.00	\$977.66
5164	31-Aug-12	11	4	\$22.58	Yes	\$1,000.00	\$977.42
5165	31-Aug-12	11	5	\$22.67	Yes	\$1,000.00	\$977.33
5166	31-Aug-12	11	6	\$22.94	Yes	\$1,000.00	\$977.06
5167	31-Aug-12	11	7	\$22.47	Yes	\$1,000.00	\$977.53
5168	31-Aug-12	11	8	\$22.57	Yes	\$1,000.00	\$977.43
5169	31-Aug-12	11	9	\$22.57	Yes	\$1,000.00	\$977.43
5170	31-Aug-12	11	10	\$116.30	Yes	\$1,000.00	\$883.70

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5171	31-Aug-12	11	11	\$111.80	Yes	\$1,000.00	\$888.20
5172	31-Aug-12	11	12	\$38.32	Yes	\$1,000.00	\$961.68
5173	31-Aug-12	12	1	\$20.94	Yes	\$1,000.00	\$979.06
5174	31-Aug-12	12	2	\$24.37	Yes	\$1,000.00	\$975.63
5175	31-Aug-12	12	3	\$21.34	Yes	\$1,000.00	\$978.66
5176	31-Aug-12	12	4	\$160.86	Yes	\$1,000.00	\$839.14
5177	31-Aug-12	12	5	\$160.86	Yes	\$1,000.00	\$839.14
5178	31-Aug-12	12	6	\$195.85	Yes	\$1,000.00	\$804.15
5179	31-Aug-12	12	7	\$21.72	Yes	\$1,000.00	\$978.28
5180	31-Aug-12	12	8	\$21.72	Yes	\$1,000.00	\$978.28
5181	31-Aug-12	12	9	\$22.01	Yes	\$1,000.00	\$977.99
5182	31-Aug-12	12	10	\$22.09	Yes	\$1,000.00	\$977.91
5183	31-Aug-12	12	11	\$22.41	Yes	\$1,000.00	\$977.59
5184	31-Aug-12	12	12	\$22.46	Yes	\$1,000.00	\$977.54
5185	31-Aug-12	13	1	\$20.61	Yes	\$1,000.00	\$979.39
5186	31-Aug-12	13	2	\$20.97	Yes	\$1,000.00	\$979.03
5187	31-Aug-12	13	3	\$21.90	Yes	\$1,000.00	\$978.10
5188	31-Aug-12	13	4	\$100.35	Yes	\$1,000.00	\$899.65
5189	31-Aug-12	13	5	\$100.22	Yes	\$1,000.00	\$899.78
5190	31-Aug-12	13	6	\$168.71	Yes	\$1,000.00	\$831.29
5191	31-Aug-12	13	7	\$27.03	Yes	\$1,000.00	\$972.97
5192	31-Aug-12	13	8	\$31.12	Yes	\$1,000.00	\$968.88
5193	31-Aug-12	13	9	\$27.06	Yes	\$1,000.00	\$972.94
5194	31-Aug-12	13	10	\$25.88	Yes	\$1,000.00	\$974.12
5195	31-Aug-12	13	11	\$29.52	Yes	\$1,000.00	\$970.48
5196	31-Aug-12	13	12	\$29.95	Yes	\$1,000.00	\$970.05
5197	31-Aug-12	14	1	\$20.57	Yes	\$1,000.00	\$979.43
5198	31-Aug-12	14	2	\$18.94	Yes	\$1,000.00	\$981.06
5199	31-Aug-12	14	3	\$19.27	Yes	\$1,000.00	\$980.73
5200	31-Aug-12	14	4	\$132.50	Yes	\$1,000.00	\$867.50
5201	31-Aug-12	14	5	\$147.46	Yes	\$1,000.00	\$852.54
5202	31-Aug-12	14	6	\$30.85	Yes	\$1,000.00	\$969.15
5203	31-Aug-12	14	7	\$20.56	Yes	\$1,000.00	\$979.44
5204	31-Aug-12	14	8	\$21.12	Yes	\$1,000.00	\$978.88
5205	31-Aug-12	14	9	\$20.15	Yes	\$1,000.00	\$979.85
5206	31-Aug-12	14	10	\$21.51	Yes	\$1,000.00	\$978.49
5207	31-Aug-12	14	11	\$123.42	Yes	\$1,000.00	\$876.58
5208	31-Aug-12	14	12	\$34.95	Yes	\$1,000.00	\$965.05
5209	31-Aug-12	15	1	\$18.97	Yes	\$1,000.00	\$981.03
5210	31-Aug-12	15	2	\$18.97	Yes	\$1,000.00	\$981.03
5211	31-Aug-12	15	3	\$18.97	Yes	\$1,000.00	\$981.03
5212	31-Aug-12	15	4	\$18.97	Yes	\$1,000.00	\$981.03
5213	31-Aug-12	15	5	\$19.86	Yes	\$1,000.00	\$980.14
5214	31-Aug-12	15	6	\$19.96	Yes	\$1,000.00	\$980.04
5215	31-Aug-12	15	7	\$21.09	Yes	\$1,000.00	\$978.91



Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5216	31-Aug-12	15	8	\$21.11	Yes	\$1,000.00	\$978.89
5217	31-Aug-12	15	9	\$21.11	Yes	\$1,000.00	\$978.89
5218	31-Aug-12	15	10	\$189.92	Yes	\$1,000.00	\$810.08
5219	31-Aug-12	15	11	\$189.92	Yes	\$1,000.00	\$810.08
5220	31-Aug-12	15	12	\$177.60	Yes	\$1,000.00	\$822.40
5221	31-Aug-12	16	1	\$20.12	Yes	\$1,000.00	\$979.88
5222	31-Aug-12	16	2	\$21.79	Yes	\$1,000.00	\$978.21
5223	31-Aug-12	16	3	\$21.83	Yes	\$1,000.00	\$978.17
5224	31-Aug-12	16	4	\$21.61	Yes	\$1,000.00	\$978.39
5225	31-Aug-12	16	5	\$21.61	Yes	\$1,000.00	\$978.39
5226	31-Aug-12	16	6	\$21.65	Yes	\$1,000.00	\$978.35
5227	31-Aug-12	16	7	\$22.39	Yes	\$1,000.00	\$977.61
5228	31-Aug-12	16	8	\$22.63	Yes	\$1,000.00	\$977.37
5229	31-Aug-12	16	9	\$22.63	Yes	\$1,000.00	\$977.37
5230	31-Aug-12	16	10	\$90.65	Yes	\$1,000.00	\$909.35
5231	31-Aug-12	16	11	\$142.99	Yes	\$1,000.00	\$857.01
5232	31-Aug-12	16	12	\$180.22	Yes	\$1,000.00	\$819.78
5233	31-Aug-12	17	1	\$18.82	Yes	\$1,000.00	\$981.18
5234	31-Aug-12	17	2	\$19.91	Yes	\$1,000.00	\$980.09
5235	31-Aug-12	17	3	\$20.66	Yes	\$1,000.00	\$979.34
5236	31-Aug-12	17	4	\$20.89	Yes	\$1,000.00	\$979.11
5237	31-Aug-12	17	5	\$20.89	Yes	\$1,000.00	\$979.11
5238	31-Aug-12	17	6	\$21.58	Yes	\$1,000.00	\$978.42
5239	31-Aug-12	17	7	\$160.51	Yes	\$1,000.00	\$839.49
5240	31-Aug-12	17	8	\$133.55	Yes	\$1,000.00	\$866.45
5241	31-Aug-12	17	9	\$161.67	Yes	\$1,000.00	\$838.33
5242	31-Aug-12	17	10	\$27.53	Yes	\$1,000.00	\$972.47
5243	31-Aug-12	17	11	\$27.01	Yes	\$1,000.00	\$972.99
5244	31-Aug-12	17	12	\$26.65	Yes	\$1,000.00	\$973.35
5245	31-Aug-12	18	1	\$178.83	Yes	\$1,000.00	\$821.17
5246	31-Aug-12	18	2	\$26.63	Yes	\$1,000.00	\$973.37
5247	31-Aug-12	18	3	\$26.61	Yes	\$1,000.00	\$973.39
5248	31-Aug-12	18	4	\$19.95	Yes	\$1,000.00	\$980.05
5249	31-Aug-12	18	5	\$20.70	Yes	\$1,000.00	\$979.30
5250	31-Aug-12	18	6	\$20.98	Yes	\$1,000.00	\$979.02
5251	31-Aug-12	18	7	\$19.41	Yes	\$1,000.00	\$980.59
5252	31-Aug-12	18	8	\$20.02	Yes	\$1,000.00	\$979.98
5253	31-Aug-12	18	9	\$20.51	Yes	\$1,000.00	\$979.49
5254	31-Aug-12	18	10	\$23.07	Yes	\$1,000.00	\$976.93
5255	31-Aug-12	18	11	\$22.11	Yes	\$1,000.00	\$977.90
5256	31-Aug-12	18	12	\$14.38	Yes	\$1,000.00	\$985.62
5257	31-Aug-12	19	1	\$31.10	Yes	\$1,000.00	\$968.90
5258	31-Aug-12	19	2	\$46.01	Yes	\$1,000.00	\$953.99
5259	31-Aug-12	19	3	\$33.29	Yes	\$1,000.00	\$966.71
5260	31-Aug-12	19	4	\$36.04	Yes	\$1,000.00	\$963.96

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5261	31-Aug-12	19	5	\$19.50	Yes	\$1,000.00	\$980.50
5262	31-Aug-12	19	6	\$19.49	Yes	\$1,000.00	\$980.51
5263	31-Aug-12	19	7	(\$17.32)	Yes	\$1,000.00	\$1,017.32
5264	31-Aug-12	19	8	\$10.11	Yes	\$1,000.00	\$989.89
5265	31-Aug-12	19	9	\$13.19	Yes	\$1,000.00	\$986.81
5266	31-Aug-12	19	10	\$18.27	Yes	\$1,000.00	\$981.73
5267	31-Aug-12	19	11	\$18.26	Yes	\$1,000.00	\$981.74
5268	31-Aug-12	19	12	\$8.27	Yes	\$1,000.00	\$991.73
5269	31-Aug-12	20	1	\$5.72	Yes	\$1,000.00	\$994.28
5270	31-Aug-12	20	2	\$5.72	Yes	\$1,000.00	\$994.28
5271	31-Aug-12	20	3	\$12.17	Yes	\$1,000.00	\$987.83
5272	31-Aug-12	20	4	\$23.00	Yes	\$1,000.00	\$977.00
5273	31-Aug-12	20	5	\$18.33	Yes	\$1,000.00	\$981.67
5274	31-Aug-12	20	6	\$16.92	Yes	\$1,000.00	\$983.08
5275	31-Aug-12	20	7	\$18.37	Yes	\$1,000.00	\$981.63
5276	31-Aug-12	20	8	\$18.37	Yes	\$1,000.00	\$981.63
5277	31-Aug-12	20	9	\$18.37	Yes	\$1,000.00	\$981.63
5278	31-Aug-12	20	10	\$19.62	Yes	\$1,000.00	\$980.38
5279	31-Aug-12	20	11	\$20.32	Yes	\$1,000.00	\$979.68
5280	31-Aug-12	20	12	\$20.13	Yes	\$1,000.00	\$979.87
5281	31-Aug-12	21	1	\$23.25	Yes	\$1,000.00	\$976.75
5282	31-Aug-12	21	2	\$23.25	Yes	\$1,000.00	\$976.75
5283	31-Aug-12	21	3	\$22.31	Yes	\$1,000.00	\$977.69
5284	31-Aug-12	21	4	\$21.08	Yes	\$1,000.00	\$978.92
5285	31-Aug-12	21	5	\$21.66	Yes	\$1,000.00	\$978.34
5286	31-Aug-12	21	6	\$21.08	Yes	\$1,000.00	\$978.92
5287	31-Aug-12	21	7	\$20.68	Yes	\$1,000.00	\$979.32
5288	31-Aug-12	21	8	\$20.57	Yes	\$1,000.00	\$979.43
5289	31-Aug-12	21	9	\$18.29	Yes	\$1,000.00	\$981.71
5290	31-Aug-12	21	10	\$18.37	Yes	\$1,000.00	\$981.63
5291	31-Aug-12	21	11	\$18.33	Yes	\$1,000.00	\$981.67
5292	31-Aug-12	21	12	\$17.76	Yes	\$1,000.00	\$982.24
5293	31-Aug-12	22	1	\$18.41	Yes	\$1,000.00	\$981.59
5294	31-Aug-12	22	2	\$19.88	Yes	\$1,000.00	\$980.12
5295	31-Aug-12	22	3	\$20.54	Yes	\$1,000.00	\$979.46
5296	31-Aug-12	22	4	\$18.29	Yes	\$1,000.00	\$981.71
5297	31-Aug-12	22	5	\$18.40	Yes	\$1,000.00	\$981.60
5298	31-Aug-12	22	6	\$18.15	Yes	\$1,000.00	\$981.85
5299	31-Aug-12	22	7	\$18.04	Yes	\$1,000.00	\$981.96
5300	31-Aug-12	22	8	\$18.04	Yes	\$1,000.00	\$981.96
5301	31-Aug-12	22	9	\$17.92	Yes	\$1,000.00	\$982.08
5302	31-Aug-12	22	10	\$18.14	Yes	\$1,000.00	\$981.86
5303	31-Aug-12	22	11	\$17.86	Yes	\$1,000.00	\$982.14
5304	31-Aug-12	22	12	\$18.14	Yes	\$1,000.00	\$981.86
5305	31-Aug-12	23	1	\$22.05	Yes	\$1,000.00	\$977.95

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
5306	31-Aug-12	23	2	\$22.50	Yes	\$1,000.00	\$977.50
5307	31-Aug-12	23	3	\$22.58	Yes	\$1,000.00	\$977.42
5308	31-Aug-12	23	4	\$21.27	Yes	\$1,000.00	\$978.73
5309	31-Aug-12	23	5	\$20.81	Yes	\$1,000.00	\$979.19
5310	31-Aug-12	23	6	\$18.88	Yes	\$1,000.00	\$981.12
5311	31-Aug-12	23	7	\$18.86	Yes	\$1,000.00	\$981.14
5312	31-Aug-12	23	8	\$18.31	Yes	\$1,000.00	\$981.69
5313	31-Aug-12	23	9	\$17.89	Yes	\$1,000.00	\$982.11
5314	31-Aug-12	23	10	\$18.33	Yes	\$1,000.00	\$981.67
5315	31-Aug-12	23	11	\$18.33	Yes	\$1,000.00	\$981.67
5316	31-Aug-12	23	12	\$13.96	Yes	\$1,000.00	\$986.04
5317	31-Aug-12	24	1	\$17.72	Yes	\$1,000.00	\$982.28
5318	31-Aug-12	24	2	\$17.72	Yes	\$1,000.00	\$982.28
5319	31-Aug-12	24	3	\$20.17	Yes	\$1,000.00	\$979.83
5320	31-Aug-12	24	4	\$19.59	Yes	\$1,000.00	\$980.41
5321	31-Aug-12	24	5	\$17.53	Yes	\$1,000.00	\$982.47
5322	31-Aug-12	24	6	\$17.53	Yes	\$1,000.00	\$982.47
5323	31-Aug-12	24	7	\$17.56	Yes	\$1,000.00	\$982.44
5324	31-Aug-12	24	8	\$13.86	Yes	\$1,000.00	\$986.14
5325	31-Aug-12	24	9	\$11.35	Yes	\$1,000.00	\$988.65
5326	31-Aug-12	24	10	\$11.46	Yes	\$1,000.00	\$988.54
5327	31-Aug-12	24	11	\$11.46	Yes	\$1,000.00	\$988.54
5328	31-Aug-12	24	12	\$10.59	Yes	\$1,000.00	\$989.41

## Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In August 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 August. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$ 6,001,509. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$ 139,127,143. The cost saving from the exceptional dispatch bid mitigation was \$ 130,191,212.

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

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	18	\$138,070,783	\$5,530,378	\$129,704,175
TMODEL5	7	\$93,928	\$29,466	\$11,546
TMODEL6	3	\$962,431	\$441,665	\$475,491
		\$139,127,143	\$6,001,509	\$130,191,212

## CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 30<sup>th</sup> day of November 2012.

*Anna Pascuzzo*  
Anna Pascuzzo