

April 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-____
January 2012 Exceptional Dispatch Report (Chart 2 data)**

Dear Secretary Bose:

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

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

Respectfully submitted,

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Exceptional Dispatch Report

Table 2: January 2012

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Introduction

This report is filed pursuant to FERC's September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15th of each month and one issued on the 30th of each month. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in January 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 January is presented in Appendix B. This report also includes the degree of mitigation analysis for January 2011 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 January 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 January 2012, the ISO issued exceptional dispatches for the following local area generation requirements: (1) 7630, SCE area generation requirements; and (2) 7810, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7320, transmission facilities in Bay Area; and (4) other transmission outages in PG&E, SCE and SDG&E area.

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

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

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.² This table contains all the information published in the Table 1 of the first report for January. In addition, it contains volume (MWh) and cost information. Each entry in Table 1 is a summary of exceptional

¹ A list of all of the ISO’s Operating Procedures and all the publicly available Operating Procedures are available at the following link:
<http://www.caiso.com/thegrid/operations/opsdoc/index.html>

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

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:

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

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

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

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

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

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

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

⁶ For further details please refer to the BPM configuration Guide: Real Time Exceptional dispatch uplift Settlement published on the ISO's website.

Table 1: Exceptional Dispatches in January 2012

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

Chart 2: Table of Exceptional Dispatches for Period 01/January/2012 - 31/January2012

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	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	DA	Software Limitation	SCE	LA Basin	2-Jan-12	0	Yes	N/A	11	13:00	23:00	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	DA	Software Limitation	SCE	LA Basin	9-Jan-12	70	Yes	N/A	12	12:00	23:00	840.00	\$33,046	\$26,114	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	RT	6510	SCE	LA Basin	14-Jan-12	70	Yes	INC	16	0:00	15:59	1,414.2 2	\$56,322	\$0	(\$36,11 7)	\$14	(\$404)	\$0	\$0	\$0	\$0
4	RT	6510	SCE	LA Basin	21-Jan-12	70	Yes	INC	24	0:00	23:59	2,325.9 7	\$78,072	\$0	(\$42,20 6)	\$280	(\$7,392)	\$0	\$0	\$0	\$0
5	RT	6510	SCE	LA Basin	22-Jan-12	70	Yes	INC	24	0:00	23:59	2,347.6 8	\$75,113	\$0	(\$54,12 7)	\$320	(\$8,441)	\$0	\$0	\$0	\$0
6	RT	6510	SCE	LA Basin	26-Jan-12	70	Yes	INC	24	0:00	23:59	2,559.4 6	\$81,770	\$0	(\$42,49 7)	\$854	(\$24,81 1)	\$0	\$0	\$0	\$0
7	RT	7110	PG&E	Humboldt	9-Jan-12	30	No	INC	12	7:10	18:59	150.39	\$4,631	\$0	(\$8,105)	\$21	(\$1,699)	\$0	\$0	(\$66)	\$0
8	RT	7110	PG&E	Humboldt	18-Jan-12	32	No	INC	3	20:38	22:57	32.85	\$950	\$0	(\$1,076)	\$7	(\$224)	\$0	\$0	(\$24)	\$0
9	RT	7110	PG&E	Humboldt	21-Jan-12	32	No	INC	4	20:01	23:59	70.74	\$2,052	\$0	(\$1,854)	\$30	(\$787)	\$0	\$0	(\$156)	\$0
10	RT	7110	PG&E	Humboldt	22-Jan-12	64- 112	Yes	INC	18	6:16	23:59	1,166.4 7	\$33,978	\$86	(\$27,29 5)	\$359	(\$8,161)	\$0	\$0	(\$3,253)	\$0
11	RT	7110	PG&E	Humboldt	23-Jan-12	29- 112	No	INC	23	0:00	22:59	1,135.5 4	\$33,685	\$0	(\$52,53 8)	\$245	(\$3,395)	\$0	\$0	(\$4,330)	\$0
12	RT	7110	PG&E	Humboldt	24-Jan-12	29	No	INC	4	18:20	21:59	52.16	\$1,753	\$0	(\$2,951)	\$11	(\$349)	\$0	\$0	\$0	\$0
13	RT	7110	PG&E	Humboldt	27-Jan-12	29- 104	No	INC	15	7:17	21:47	182.88	\$5,700	\$0	(\$4,811)	\$48	(\$1,168)	\$0	\$0	(\$462)	\$0
14	RT	7110	PG&E	Humboldt	28-Jan-12	29- 48	No	INC	8	14:40	21:54	18.06	\$1,026	\$0	(\$516)	\$9	(\$260)	\$0	\$0	(\$42)	\$0
15	RT	7320	PG&E	Bay Area	15-Jan-12	20	Yes	INC	3	17:53	19:59	64.78	\$1,661	\$0	(\$1,760)	\$0	\$0	\$0	\$0	\$0	\$0
16	RT	7320	PG&E	Bay Area	16-Jan-12	20- 40	Yes	INC	15	8:30	22:59	271.88	\$12,045	\$553	(\$6,942)	\$68	(\$1,811)	\$0	\$0	(\$425)	\$0
17	RT	7630	SCE	LA Basin	23-Jan-12	70	Yes	INC	24	0:00	23:59	6,154.6 4	\$75,113	\$0	(\$299,2 75)	\$128	(\$3,415)	\$0	\$0	\$0	\$0
18	RT	7810	N/A	N/A	22-Jan-12	20	Yes	INC	17	7:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	RT	7810	SDG&E	San Diego	10-Jan-12	20	No	INC	18	6:00	23:59	425.23	\$39,894	\$0	(\$11,34 8)	\$0	\$0	\$0	\$0	\$0	\$0
20	RT	7810	SDG&E	San Diego	27-Jan-12	20	No	INC	3	12:00	14:59	109.44	\$7,671	\$0	(\$2,257)	\$0	\$0	\$0	\$0	\$0	\$0
21	RT	7810	SDG&E	San Diego	28-Jan-12	20	No	INC	17	7:00	23:59	952.42	\$58,865	\$0	(\$43,68 3)	\$11	(\$417)	\$0	\$0	\$0	\$0
22	RT	Bridging Schedules	SCE	LA Basin	12-Jan-12	70	Yes	INC	1	23:00	23:59	70.00	\$3,787	\$0	(\$1,782)	\$0	\$0	\$0	\$0	\$0	\$0
23	RT	Bridging Schedules	SCE	LA Basin	15-Jan-12	70	Yes	INC	1	23:00	23:59	78.53	\$3,510	\$0	(\$1,760)	\$0	\$0	\$0	\$0	\$0	\$0
24	RT	Communication Outage	N/A	N/A	31-Jan-12	313	No	DEC	1	9:00	9:29	-153.87	\$0	\$0	\$1,671	\$0	\$0	\$0	\$0	\$0	\$0
25	RT	Contingency	PG&E	Bay Area	6-Jan-12	40	Yes	INC	3	17:49	19:45	194.50	\$6,230	\$549	(\$6,694)	\$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	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
26	RT	Contingency	PG&E	Fresno	6-Jan-12	46	Yes	INC	1	18:00	18:59	61.98	\$0	\$0	(\$2,222)	\$0	\$0	\$0	\$0	\$0	\$0
27	RT	Contingency	PG&E	N/A	6-Jan-12	20	Yes	INC	3	17:49	19:45	80.67	\$3,738	\$353	(\$2,692)	\$0	\$0	\$0	\$0	\$0	\$0
28	RT	Software Limitation ⁷	SCE	LA Basin	19-Jan-12	0	Yes	INC	1	21:05	21:34	1.28	\$0	\$3	(\$40)	\$0	\$0	\$0	\$0	\$0	\$0
29	RT	Local reliability ⁸	SDG&E	San Diego	25-Jan-12	68- 340	No	INC	15	9:26	23:59	2,387.7 5	\$61,152	\$0	(\$56,90 0)	\$1,262	(\$28,31 0)	\$0	\$0	(\$13,72 9)	\$0
30	RT	Dispatch Modification	N/A	N/A	6-Jan-12	214	Yes	DEC	1	15:30	15:49	-53.90	\$0	\$0	(\$1,311)	(\$12)	\$0	(\$146)	\$0	\$0	\$0
31	RT	Dispatch Modification	PG&E	Bay Area	6-Jan-12	600	No	INC	1	15:30	15:49	-46.66	\$0	\$0	(\$1,201)	(\$5)	\$0	(\$68)	\$0	\$0	\$0
32	RT	Dispatch Modification	SDG&E	San Diego	6-Jan-12	400	No	INC	2	15:30	16:39	-108.49	\$0	\$0	\$290	(\$31)	\$0	\$638	\$0	\$0	\$0
33	RT	Generation Outage	SCE	LA Basin	31-Jan-12	190- 790	Yes	INC	5	16:45	20:59	2,365.7 3	\$33,743	\$0	(\$71,48 0)	\$1,746	(\$53,61 4)	\$0	\$0	\$0	\$0
34	RT	Generation Outage	SDG&E	San Diego	31-Jan-12	132- 911	Yes	INC	8	16:40	23:59	1,730.5 8	\$66,856	\$3,532	(\$49,85 0)	\$624	(\$21,25 5)	\$0	(\$22,19 4)	\$0	\$0
35	RT	MSG Plant Startup	N/A	N/A	17-Jan-12	197- 300	Yes	INC	2	7:20	8:04	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	RT	MSG Plant Startup	N/A	N/A	22-Jan-12	16	Yes	INC	2	6:30	7:14	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	RT	MSG Plant Startup	N/A	N/A	30-Jan-12	37	Yes	INC	1	17:00	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	RT	Path 26	SCE	LA Basin	18-Jan-12	260	Yes	INC	5	16:13	20:59	1,330.9 9	\$71,772	\$4,785	(\$46,52 5)	\$343	(\$11,78 1)	\$0	(\$4,786)	\$0	\$0
39	RT	Path 26	SCE	LA Basin	25-Jan-12	24- 40	No	INC	2	8:20	9:59	58.43	\$0	\$0	(\$1,298)	\$55	(\$1,207)	\$0	\$0	(\$370)	\$0
40	RT	Path 26	SDG&E	San Diego	25-Jan-12	68	No	INC	17	7:23	23:59	562.43	\$13,431	\$0	(\$19,84 5)	\$260	(\$6,461)	\$0	\$0	(\$2,810)	\$0
41	RT	Path 26	SDG&E	San Diego	26-Jan-12	20- 40	No	INC	24	0:00	23:59	824.97	\$90,598	\$0	(\$9,977)	\$3	(\$72)	\$0	\$0	\$0	\$0
42	RT	Ramp Rate	N/A	N/A	22-Jan-12	68	Yes	INC	4	16:00	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	RT	Ramp Rate	SCE	Big Creek- Ventura	11-Jan-12	50	Yes	INC	5	15:55	19:59	202.92	\$386	\$0	(\$9,905)	\$119	(\$7,274)	\$0	\$0	\$0	\$0
44	RT	Ramp Rate	SCE	Big Creek- Ventura	12-Jan-12	50	No	INC	5	15:00	19:59	249.97	\$11,585	\$0	(\$11,98 4)	\$150	(\$9,002)	\$0	\$0	\$0	\$0
45	RT	Ramp Rate	SCE	Big Creek- Ventura	13-Jan-12	50	Yes	INC	5	15:30	19:59	230.40	\$10,426	\$0	(\$18,57 1)	\$130	(\$7,767)	\$0	\$0	\$0	\$0
46	RT	Ramp Rate	SCE	LA Basin	6-Jan-12	45	No	INC	1	15:43	15:59	11.50	\$0	\$0	\$364	\$8	\$246	\$0	(\$519)	\$0	\$0
47	RT	Ramp Rate	SCE	LA Basin	9-Jan-12	260- 324	No	DEC	4	16:00	19:59	-904.46	\$0	\$0	\$25,659	\$0	\$0	\$0	\$0	\$0	\$0
48	RT	Ramp Rate	SCE	LA Basin	9-Jan-12	65	Yes	INC	4	16:25	19:59	644.07	\$8,316	\$6,565	(\$21,28 8)	\$41	(\$1,124)	\$0	\$0	\$0	\$0
49	RT	Ramp Rate	SCE	LA Basin	10-Jan-12	97	No	DEC	4	16:00	19:59	-136.63	\$0	\$0	\$3,745	\$0	\$0	\$0	\$0	\$0	\$0
50	RT	Ramp Rate	SCE	LA Basin	10-Jan-12	150- 195	Yes	INC	5	15:30	19:59	753.89	\$15,933	\$0	(\$21,81 7)	\$336	(\$10,22 5)	\$0	\$0	\$0	\$0
51	RT	Ramp Rate	SCE	LA Basin	11-Jan-12	144- 182	No	DEC	6	14:00	19:59	-344.49	\$0	\$0	\$10,044	\$0	\$0	\$0	\$0	\$0	\$0
52	RT	Ramp Rate	SCE	LA Basin	11-Jan-12	50- 170	No	INC	6	14:00	19:59	392.25	\$0	\$0	(\$12,54 8)	\$254	(\$8,039)	\$0	\$0	\$0	\$0

⁷ This entry reflects a correction from the March 15 Exceptoinal Dispatch report.

⁸ This entry reflects a corrected from the March 15 Exceptional Dispatch report.

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	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
53	RT	Ramp Rate	SCE	LA Basin	12-Jan-12	240	Yes	INC	6	14:00	19:59	1,913.9 2	\$0	\$0	(\$122,4 57)	\$443	(\$13,57 3)	\$0	\$0	\$0	\$0
54	RT	Ramp Rate	SCE	LA Basin	14-Jan-12	240	Yes	INC	5	15:30	19:59	870.20	\$15,841	\$0	(\$30,25 9)	\$477	(\$14,50 2)	\$0	\$0	\$0	\$0
55	RT	Ramp Rate	SCE	LA Basin	15-Jan-12	240	Yes	INC	6	15:10	20:59	1,438.9 9	\$0	\$0	(\$88,06 9)	\$818	(\$23,98 8)	\$0	\$0	\$0	\$0
56	RT	Ramp Rate	SCE	LA Basin	16-Jan-12	212- 244	No	DEC	5	15:15	19:59	-686.70	\$0	\$0	\$17,932	\$0	\$0	\$0	\$0	\$0	\$0
57	RT	Ramp Rate	SCE	LA Basin	16-Jan-12	19- 160	No	INC	5	15:15	19:59	105.32	\$0	\$0	(\$3,014)	\$101	(\$2,967)	\$0	\$0	\$0	\$0
58	RT	Ramp Rate	SCE	LA Basin	18-Jan-12	159- 202	No	DEC	8	13:55	20:59	-76.10	\$0	\$0	\$1,970	\$0	\$0	\$0	\$0	\$0	\$0
59	RT	Ramp Rate	SCE	LA Basin	18-Jan-12	37- 170	No	INC	8	13:55	20:59	502.19	\$0	\$0	(\$14,94 2)	\$326	(\$9,344)	\$0	\$0	\$0	\$0
60	RT	Ramp Rate	SCE	LA Basin	19-Jan-12	19- 202	No	DEC	10	10:10	19:59	13.29	\$0	\$0	(\$653)	\$0	\$0	\$0	\$0	\$0	\$0
61	RT	Ramp Rate	SCE	LA Basin	19-Jan-12	43- 170	No	INC	10	10:10	19:59	921.03	\$0	\$0	(\$27,19 1)	\$381	(\$10,93 8)	\$0	\$0	\$0	\$0
62	RT	Ramp Rate	SCE	LA Basin	21-Jan-12	42- 139	No	DEC	4	16:00	19:59	-115.02	\$0	\$0	\$2,486	\$0	\$0	\$0	\$0	\$0	\$0
63	RT	Ramp Rate	SCE	LA Basin	21-Jan-12	150	Yes	INC	4	16:00	19:59	723.35	\$13,012	\$0	(\$17,66 6)	\$280	(\$7,392)	\$0	\$0	\$0	\$0
64	RT	Ramp Rate	SCE	LA Basin	22-Jan-12	139- 161	No	DEC	4	16:00	19:59	-347.28	\$0	\$0	\$7,378	\$0	\$0	\$0	\$0	\$0	\$0
65	RT	Ramp Rate	SCE	LA Basin	22-Jan-12	150- 195	Yes	INC	4	16:00	19:59	651.72	\$12,519	\$0	(\$15,44 8)	\$359	(\$9,385)	\$0	\$0	\$0	\$0
66	RT	Ramp Rate	SCE	LA Basin	23-Jan-12	240	Yes	INC	2	17:10	18:59	615.04	\$5,738	\$0	(\$18,91 3)	\$128	(\$3,415)	\$0	\$0	\$0	\$0
67	RT	Ramp Rate	SCE	LA Basin	24-Jan-12	19- 182	No	DEC	12	8:55	19:59	-130.77	\$0	\$0	\$3,312	\$0	\$0	\$0	\$0	\$0	\$0
68	RT	Ramp Rate	SCE	LA Basin	24-Jan-12	90- 170	No	INC	12	8:55	19:59	1,251.3 7	\$0	\$0	(\$35,41 2)	\$1,136	(\$31,97 5)	\$0	\$0	\$0	\$0
69	RT	Ramp Rate	SCE	LA Basin	25-Jan-12	35- 232	No	DEC	4	15:00	18:59	-401.45	\$0	\$0	\$10,332	\$0	\$0	\$0	\$0	\$0	\$0
70	RT	Ramp Rate	SCE	LA Basin	25-Jan-12	40	No	INC	4	15:00	18:59	37.70	\$0	\$0	(\$1,065)	\$32	(\$936)	\$0	\$0	\$0	\$0
71	RT	Ramp Rate	SCE	LA Basin	26-Jan-12	42- 139	No	DEC	11	9:45	19:59	-310.78	\$0	\$0	\$6,707	\$0	\$0	\$0	\$0	\$0	\$0
72	RT	Ramp Rate	SCE	LA Basin	26-Jan-12	150	Yes	INC	11	9:10	19:59	1,612.9 9	\$36,910	\$0	(\$40,43 1)	\$854	(\$24,81 1)	\$0	\$0	\$0	\$0
73	RT	Ramp Rate	SCE	LA Basin	30-Jan-12	190	Yes	INC	6	15:00	20:59	1,172.3 4	\$22,428	\$23,744	(\$34,25 1)	\$860	(\$25,32 2)	\$0	\$0	\$0	\$0
74	RT	Ramp Rate	SCE	LA Basin	31-Jan-12	65- 490	Yes	INC	15	5:25	19:59	1,534.4 0	\$44,560	\$0	(\$42,42 9)	\$1,109	(\$33,19 3)	\$0	\$0	\$0	\$0
75	RT	Ramp Rate	SDG&E	San Diego	12-Jan-12	68	Yes	INC	4	16:00	19:59	-21.39	\$2,242	\$0	\$288	\$0	(\$2)	\$0	\$0	\$0	\$0
76	RT	Ramp Rate	SDG&E	San Diego	16-Jan-12	68	No	INC	5	15:50	19:59	-125.66	\$5,231	\$0	\$3,156	\$0	(\$0)	\$0	\$0	\$0	\$0
77	RT	Ramp Rate	SDG&E	San Diego	18-Jan-12	68	No	INC	8	13:35	20:59	702.96	\$0	\$0	(\$26,08 4)	\$21	(\$521)	\$0	\$0	(\$108)	\$0
78	RT	Ramp Rate	SDG&E	San Diego	19-Jan-12	68	No	INC	10	10:10	19:59	1,168.0 5	\$0	\$0	(\$43,75 5)	\$0	\$0	\$0	\$0	\$0	\$0
79	RT	Ramp Rate	SDG&E	San Diego	20-Jan-12	68	No	INC	5	5:30	9:59	-211.69	\$1,942	\$0	\$5,441	\$0	\$0	\$0	\$0	\$0	\$0
80	RT	Ramp Rate	SDG&E	San Diego	21-Jan-12	68	No	INC	4	16:00	19:59	-18.08	\$0	\$0	\$278	\$0	\$0	\$0	\$0	\$0	\$0
81	RT	Ramp Rate	SDG&E	San Diego	22-Jan-12	63	No	INC	4	16:00	19:59	8.94	\$2,127	\$0	(\$194)	\$0	(\$3)	\$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
82	RT	Ramp Rate	SDG&E	San Diego	23-Jan-12	68- 136	No	INC	12	7:21	18:59	556.91	\$20,008	\$0	(\$56,541)	\$41	(\$1,446)	\$0	\$0	\$0	\$0
83	RT	Ramp Rate	SDG&E	San Diego	24-Jan-12	63- 131	No	INC	14	6:15	19:59	1.43	\$0	\$0	(\$246)	\$0	(\$1)	\$0	\$0	\$0	\$0
84	RT	Ramp Rate	SDG&E	San Diego	26-Jan-12	68- 131	No	INC	14	9:10	22:59	328.42	\$51,430	\$0	(\$6,500)	\$0	\$0	\$0	\$0	\$0	\$0
85	RT	Ramp Rate	SDG&E	San Diego	27-Jan-12	64	No	INC	5	15:00	19:59	111.52	\$8,510	\$0	(\$3,223)	\$4	(\$153)	\$0	\$0	\$0	\$0
86	RT	Ramp Rate	SDG&E	San Diego	28-Jan-12	64	No	INC	13	7:30	19:59	819.13	\$50,749	\$0	(\$40,298)	\$11	(\$417)	\$0	\$0	\$0	\$0
87	RT	Ramp Rate	SDG&E	San Diego	30-Jan-12	63- 200	No	INC	17	6:00	22:59	1,622.36	\$120,752	\$5,615	(\$24,278)	\$393	(\$8,931)	\$0	\$0	(\$5,517)	\$0
88	RT	Ramp Rate	SDG&E	San Diego	31-Jan-12	131	No	INC	12	5:20	16:59	807.91	\$5,313	\$0	(\$30,111)	\$49	(\$1,780)	\$0	\$0	\$0	\$0
89	RT	SP26 Capacity	SCE	Big Creek-Ventura	30-Jan-12	20	Yes	INC	3	21:00	23:59	59.17	\$6,951	\$0	(\$1,183)	\$0	\$0	\$0	\$0	\$0	\$0
90	RT	SP26 Capacity	SCE	Big Creek-Ventura	31-Jan-12	20- 215	Yes	INC	8	16:50	23:59	445.51	\$8,109	\$1,774	(\$10,877)	\$359	(\$8,725)	\$0	(\$13,830)	\$0	\$0
91	RT	SP26 Capacity	SCE	LA Basin	30-Jan-12	20- 60	Yes	INC	12	12:00	23:59	1,649.26	\$62,598	\$51,446	(\$45,674)	\$860	(\$25,322)	\$0	\$0	\$0	\$0
92	RT	SP26 Capacity	SCE	LA Basin	31-Jan-12	40- 60	Yes	INC	24	0:00	23:59	4,560.69	\$141,012	\$0	(\$127,602)	\$2,303	(\$69,776)	\$0	\$0	\$0	\$0
93	RT	SP26 Capacity	SDG&E	San Diego	31-Jan-12	20	Yes	INC	2	22:00	23:59	42.51	\$3,041	\$0	(\$1,376)	\$0	\$0	\$0	\$0	\$0	\$0
94	RT	Software Limitation	N/A	N/A	12-Jan-12	20	Yes	INC	4	20:35	23:44	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	RT	Software Limitation	N/A	N/A	18-Jan-12	0	Yes	INC	3	0:05	2:49	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	N/A	N/A	21-Jan-12	0	Yes	INC	1	15:35	15:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
97	RT	Software Limitation	PG&E	Fresno	2-Jan-12	46- 96	Yes	DEC	3	19:20	21:19	-108.08	\$0	\$0	\$993	(\$75)	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	PG&E	Fresno	2-Jan-12	0	Yes	INC	3	19:20	21:19	-1.92	\$0	\$0	\$59	\$0	\$0	\$0	\$0	\$0	\$0
99	RT	Software Limitation	PG&E	Fresno	17-Jan-12	0	Yes	INC	1	11:30	11:59	0.00	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
100	RT	Software Limitation	PG&E	Fresno	23-Jan-12	32- 58	Yes	INC	8	7:30	14:41	51.39	\$1,667	\$0	(\$1,861)	\$10	(\$359)	\$0	\$0	\$0	\$0
101	RT	Software Limitation	PG&E	Fresno	31-Jan-12	0	Yes	INC	3	20:20	22:19	0.00	\$16	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
102	RT	Software Limitation	PG&E	Humboldt	1-Jan-12	30- 48	No	INC	3	19:00	21:29	12.10	\$641	\$0	(\$389)	\$1	(\$54)	\$0	\$0	\$0	\$0
103	RT	Software Limitation	PG&E	N/A	13-Jan-12	0	No	INC	2	6:00	7:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
104	RT	Software Limitation	PG&E	N/A	18-Jan-12	0	No	INC	4	0:00	3:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
105	RT	Software Limitation	PG&E	N/A	19-Jan-12	0	No	INC	2	4:00	5:32	112.40	\$0	\$0	(\$2,744)	\$0	\$0	\$0	\$0	\$0	\$0
106	RT	Software Limitation	PG&E	N/A	20-Jan-12	0	No	INC	6	0:00	5:14	16.42	\$0	\$21	(\$264)	\$0	\$0	\$0	\$0	\$0	\$0
107	RT	Software Limitation	PG&E	N/A	21-Jan-12	0	No	INC	2	6:00	7:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
108	RT	Software Limitation	SCE	Big Creek-Ventura	7-Jan-12	0	Yes	INC	3	18:37	20:59	1.06	\$0	\$0	(\$24)	\$0	\$0	\$0	\$0	\$0	\$0
109	RT	Software Limitation	SCE	Big Creek-Ventura	14-Jan-12	78	No	INC	10	0:10	9:59	747.42	\$0	\$0	(\$18,198)	\$83	(\$2,637)	\$0	\$0	\$0	\$0
110	RT	Software Limitation	SCE	LA Basin	2-Jan-12	0	No	INC	11	13:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
111	RT	Software Limitation	SCE	LA Basin	7-Jan-12	0	Yes	INC	1	20:00	20:59	0.00	\$0	\$21	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
112	RT	Software Limitation	SCE	LA Basin	8-Jan-12	70	Yes	INC	15	9:00	23:59	1,423.16	\$56,070	\$44,988	(\$44,350)	\$552	(\$17,310)	\$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	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
113	RT	Software Limitation	SCE	LA Basin	9-Jan-12	124- 404	No	DEC	12	12:00	23:58	1,692.3 2	\$0	\$0	\$52,484	\$0	\$0	\$0	\$0	\$0	\$0
114	RT	Software Limitation	SCE	LA Basin	9-Jan-12	0	No	INC	12	12:00	23:58	35.84	\$0	\$0	\$341	\$0	\$0	\$0	\$0	\$0	\$0
115	RT	Software Limitation	SCE	LA Basin	10-Jan-12	70	Yes	INC	24	0:00	23:59	1,922.2 1	\$70,813	\$0	(\$51,92 0)	\$40	(\$1,219)	\$0	\$0	\$0	\$0
116	RT	Software Limitation	SCE	LA Basin	23-Jan-12	20	No	DEC	1	23:10	23:59	-15.83	\$0	\$0	\$0	(\$16)	\$0	\$0	\$0	\$0	\$0
117	RT	Software Limitation	SCE	LA Basin	23-Jan-12	301	No	INC	5	9:40	13:29	-84.96	\$16,543	\$7,693	\$3,342	\$0	\$0	\$0	\$0	\$0	\$0
118	RT	Software Limitation	SCE	LA Basin	24-Jan-12	0	No	INC	4	0:00	3:09	-0.83	\$0	\$0	\$13	\$0	\$0	\$0	\$0	\$0	\$0
119	RT	Software Limitation	SCE	LA Basin	27-Jan-12	0	Yes	INC	17	0:20	16:19	0.00	\$239	\$6	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
120	RT	Software Limitation	SCE	LA Basin	30-Jan-12	70- 422	No	DEC	12	12:00	23:59	3,811.7 5	\$0	\$0	\$32,497	(\$2,628)	\$0	\$3,817	\$0	\$0	\$0
121	RT	Software Limitation	SCE	LA Basin	30-Jan-12	0	No	INC	3	12:00	14:59	-2.92	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$0	\$0
122	RT	Software Limitation	SCE	LA Basin	31-Jan-12	70- 422	No	DEC	10	14:00	23:59	2,085.1 7	\$0	\$0	\$20,552	(\$1,393)	\$0	\$2,984	\$0	\$0	\$0
123	RT	Software Limitation	SCE	LA Basin	31-Jan-12	0	Yes	INC	5	19:45	23:59	1.28	\$239	\$15	(\$33)	\$0	\$0	\$0	\$0	\$0	\$0
124	RT	Software Limitation	SCE	N/A	3-Jan-12	210	No	DEC	1	6:45	6:59	-58.02	\$0	\$0	\$1,477	\$0	\$0	\$0	\$0	\$0	\$0
125	RT	Software Limitation	SCE	N/A	5-Jan-12	0	No	INC	9	6:05	14:04	1.17	\$0	\$0	(\$26)	\$0	\$0	\$0	\$0	\$0	\$0
126	RT	Software Limitation	SDG&E	San Diego	4-Jan-12	0	Yes	INC	2	17:15	18:29	1.52	\$148	\$0	(\$39)	\$0	\$0	\$0	\$0	\$0	\$0
127	RT	Software Limitation	SDG&E	San Diego	25-Jan-12	68	No	INC	5	6:07	10:49	129.46	\$897	\$0	(\$6,579)	\$129	(\$2,755)	\$0	\$0	(\$1,463)	\$0
128	RT	Software Limitation	SDG&E	San Diego	30-Jan-12	75	Yes	INC	12	9:30	20:59	888.62	\$75,346	\$820	(\$50,71 8)	\$58	(\$1,346)	\$0	(\$637)	\$0	\$0
129	RT	Software Limitation	SDG&E	San Diego	31-Jan-12	0	No	INC	1	23:00	23:58	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
130	RT	System Energy	N/A	N/A	1-Jan-12	300	Yes	INC	1	2:00	2:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
131	RT	System Energy	N/A	N/A	4-Jan-12	250	Yes	INC	1	16:00	16:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
132	RT	System Energy	N/A	N/A	7-Jan-12	250	Yes	INC	6	12:00	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
133	RT	System Energy	N/A	N/A	9-Jan-12	250	Yes	INC	1	16:00	16:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
134	RT	System Energy	N/A	N/A	12-Jan-12	575- 625	No	INC	2	16:00	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
135	RT	System Energy	N/A	N/A	14-Jan-12	200	Yes	INC	1	22:00	22:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
136	RT	System Energy	N/A	N/A	19-Jan-12	235	Yes	INC	1	17:00	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
137	RT	System Energy	N/A	N/A	22-Jan-12	55	Yes	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
138	RT	System Energy	N/A	N/A	23-Jan-12	250	Yes	INC	1	17:00	17:59	50.00	\$0	\$0	(\$1,144)	\$50	(\$1,144)	\$0	(\$2,056)	\$0	\$0
139	RT	System Energy	SCE	LA Basin	8-Jan-12	600	No	INC	4	16:40	19:59	-104.23	\$6,557	\$1,207	\$2,344	\$0	\$0	\$0	\$0	\$0	\$0
140	RT	Transmission Outage Other	PG&E	Humboldt	20-Jan-12	32- 108	No	INC	11	13:50	23:59	473.08	\$15,275	\$0	(\$12,11 1)	\$96	(\$2,397)	\$0	\$0	(\$628)	\$0
141	RT	Transmission Outage Other	PG&E	Humboldt	21-Jan-12	29- 64	No	INC	22	0:00	21:59	1,435.3 6	\$43,620	\$0	(\$17,52 8)	\$337	(\$4,153)	\$0	\$0	(\$4,485)	\$0
142	RT	Transmission Outage PG&E	N/A	N/A	17-Jan-12	0	Yes	INC	2	10:15	11:14	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
143	RT	Transmission Outage PG&E	N/A	N/A	22-Jan-12	94- 726	Yes	INC	2	22:35	23:59	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	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
144	RT	Transmission Outage PG&E	N/A	N/A	26-Jan-12	37	Yes	INC	7	17:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
145	RT	Transmission Outage PG&E	N/A	N/A	31-Jan-12	37	Yes	INC	1	17:40	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
146	RT	Transmission Outage PG&E	PG&E	Bay Area	12-Jan-12	20	No	INC	4	19:00	22:59	94.58	\$5,607	\$0	(\$2,803)	\$0	\$0	\$0	\$0	\$0	\$0
147	RT	Transmission Outage PG&E	PG&E	Bay Area	13-Jan-12	20	Yes	INC	3	17:33	19:59	52.56	\$1,246	\$0	(\$1,814)	\$0	\$0	\$0	\$0	\$0	\$0
148	RT	Transmission Outage PG&E	PG&E	Bay Area	17-Jan-12	20- 45	Yes	INC	17	6:33	22:14	398.78	\$11,837	\$1,344	(\$12,548)	\$144	(\$4,376)	\$0	\$0	(\$414)	\$0
149	RT	Transmission Outage PG&E	PG&E	Bay Area	18-Jan-12	19- 30	Yes	INC	14	8:29	21:59	227.07	\$7,086	\$392	(\$7,731)	\$19	(\$582)	\$0	\$0	(\$36)	\$0
150	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Jan-12	20- 46	Yes	INC	16	6:34	21:59	518.11	\$17,237	\$392	(\$18,115)	\$7	(\$217)	\$0	\$0	(\$12)	\$0
151	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Jan-12	20	Yes	INC	5	17:20	21:59	148.19	\$6,230	\$452	(\$4,826)	\$0	\$0	\$0	\$0	\$0	\$0
152	RT	Transmission Outage PG&E	PG&E	Bay Area	21-Jan-12	20	Yes	INC	5	17:52	21:59	85.33	\$4,984	\$448	(\$2,066)	\$0	\$0	\$0	\$0	\$0	\$0
153	RT	Transmission Outage PG&E	PG&E	Bay Area	22-Jan-12	20- 140	Yes	INC	7	17:07	23:59	180.61	\$5,178	\$1,424	(\$3,704)	\$58	(\$1,130)	\$0	\$0	(\$622)	\$0
154	RT	Transmission Outage PG&E	PG&E	Bay Area	23-Jan-12	20	Yes	INC	6	17:30	22:44	130.48	\$4,153	\$368	(\$3,663)	\$0	\$0	\$0	\$0	\$0	\$0
155	RT	Transmission Outage PG&E	PG&E	Bay Area	24-Jan-12	20	Yes	INC	4	17:40	20:59	78.99	\$2,700	\$283	(\$5,950)	\$0	\$0	\$0	\$0	\$0	\$0
156	RT	Transmission Outage PG&E	PG&E	Bay Area	25-Jan-12	20	Yes	INC	7	17:53	23:59	159.15	\$9,345	\$504	(\$7,123)	\$0	\$0	\$0	\$0	\$0	\$0
157	RT	Transmission Outage PG&E	PG&E	Bay Area	27-Jan-12	20	Yes	INC	5	17:15	21:59	132.24	\$5,607	\$365	(\$3,976)	\$0	\$0	\$0	\$0	\$0	\$0
158	RT	Transmission Outage PG&E	PG&E	Bay Area	30-Jan-12	19- 60	Yes	INC	5	16:41	20:59	220.61	\$4,849	\$229	(\$6,635)	\$129	(\$3,916)	\$0	\$0	(\$422)	\$0
159	RT	Transmission Outage PG&E	PG&E	Bay Area	31-Jan-12	37	Yes	INC	3	17:40	19:59	89.11	\$4,654	\$784	(\$2,284)	\$3	(\$102)	\$0	\$0	\$0	\$0
160	RT	Transmission Outage PG&E	PG&E	Fresno	17-Jan-12	84- 96	Yes	INC	8	7:25	14:59	641.79	\$9,903	\$0	(\$20,206)	\$187	(\$5,044)	\$0	\$0	(\$1,961)	\$0
161	RT	Transmission Outage PG&E	PG&E	Fresno	19-Jan-12	46	No	INC	1	22:00	22:59	47.96	\$0	\$0	(\$3,395)	\$0	\$0	\$0	\$0	\$0	\$0
162	RT	Transmission Outage PG&E	PG&E	Fresno	20-Jan-12	32- 64	Yes	INC	4	16:40	19:59	202.67	\$7,485	\$0	(\$6,644)	\$0	\$0	\$0	\$0	\$0	\$0
163	RT	Transmission Outage PG&E	PG&E	Fresno	22-Jan-12	90	Yes	INC	3	21:55	23:59	207.13	\$5,555	\$770	(\$14,943)	\$38	(\$1,517)	\$0	\$0	(\$339)	\$0
164	RT	Transmission Outage PG&E	PG&E	Fresno	30-Jan-12	32- 77	Yes	INC	13	9:30	21:59	722.35	\$22,741	\$47	(\$35,095)	\$113	(\$4,320)	\$0	\$0	(\$876)	\$0
165	RT	Transmission Outage PG&E	PG&E	Fresno	31-Jan-12	77- 90	Yes	INC	12	7:00	18:59	1,100.58	\$32,293	\$638	(\$53,567)	\$253	(\$9,749)	\$0	\$0	(\$1,788)	\$0
166	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Jan-12	30	No	INC	2	6:52	7:59	14.59	\$356	\$0	(\$5,551)	\$1	(\$2,830)	\$0	\$0	\$0	\$0
167	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Jan-12	29- 44	No	INC	9	11:00	19:59	179.51	\$7,087	\$0	(\$5,489)	\$37	(\$1,090)	\$0	\$0	(\$169)	\$0
168	RT	Transmission Outage PG&E	PG&E	Humboldt	24-Jan-12	29	No	INC	13	6:43	18:59	178.42	\$6,113	\$0	(\$5,377)	\$41	(\$1,357)	\$0	\$0	\$0	\$0
169	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Jan-12	48	No	INC	1	15:40	15:59	-1.72	\$0	\$0	\$46	\$0	\$0	\$0	\$0	\$0	\$0
170	RT	Transmission Outage PG&E	PG&E	N/A	17-Jan-12	300	Yes	INC	3	7:07	9:59	977.69	\$40,375	\$3,095	(\$35,541)	\$22	(\$601)	\$0	\$0	\$0	\$0
171	RT	Transmission Outage PG&E	PG&E	N/A	18-Jan-12	300- 380	No	INC	9	8:05	16:59	1,744.07	\$74,867	\$1,460	(\$55,867)	\$0	\$0	\$0	\$0	\$0	\$0
172	RT	Transmission Outage PG&E	PG&E	N/A	22-Jan-12	632	No	INC	2	21:50	22:41	60.01	\$13,548	\$0	(\$1,626)	\$34	(\$743)	\$0	\$0	(\$242)	\$0
173	RT	Transmission Outage PG&E	PG&E	NCNB	15-Jan-12	8- 50	No	DEC	5	6:54	10:59	-161.74	\$0	\$0	\$3,062	(\$155)	\$0	\$2,940	\$0	(\$8,694)	\$0
174	RT	Transmission Outage PG&E	PG&E	NCNB	15-Jan-12	4	No	INC	2	9:40	10:59	-1.03	\$0	\$0	\$22	\$0	\$0	\$0	\$0	\$0	\$0
175	RT	Transmission Outage PG&E	PG&E	NCNB	20-Jan-12	25- 30	No	DEC	7	9:17	15:59	-168.98	\$0	\$0	\$4,148	(\$168)	\$0	\$4,130	\$0	(\$9,960)	\$0
176	RT	Transmission Outage PG&E	PG&E	Sierra	10-Jan-12	86- 92	Yes	INC	3	6:00	8:59	213.88	\$6,438	\$840	(\$56,53)	\$75	(\$3,929)	\$0	\$0	(\$341)	\$0

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
															1)						
177	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Jan-12	20	Yes	INC	8	16:00	23:59	184.54	\$18,536	\$11,213	(\$6,146)	\$0	\$0	\$0	\$0	\$0	\$0
178	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	12-Jan-12	20	No	INC	3	12:00	14:59	116.74	\$8,109	\$0	(\$17,335)	\$0	\$0	\$0	\$0	\$0	\$0
179	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	13-Jan-12	20	Yes	INC	13	11:00	23:59	423.00	\$30,507	\$0	(\$24,492)	\$130	(\$7,767)	\$0	\$0	\$0	\$0
180	RT	Transmission Outage SCE	SCE	LA Basin	9-Jan-12	20- 55	Yes	INC	15	9:00	23:59	2,966.84	\$120,204	\$94,772	(\$100,042)	\$41	(\$1,124)	\$0	\$0	\$0	\$0
181	RT	Transmission Outage SCE	SCE	LA Basin	13-Jan-12	70	Yes	INC	24	0:00	23:59	4,889.24	\$87,195	\$0	(\$175,826)	\$0	\$0	\$0	\$0	\$0	\$0
182	RT	Transmission Outage SCE	SCE	LA Basin	14-Jan-12	70	Yes	INC	4	20:00	23:59	731.63	\$14,081	\$0	(\$40,986)	\$0	\$0	\$0	\$0	\$0	\$0
183	RT	Transmission Outage SCE	SDG&E	San Diego	9-Jan-12	20	No	INC	10	14:00	23:59	239.25	\$20,470	\$12,634	(\$7,380)	\$0	\$0	\$0	\$0	\$0	\$0
184	RT	Transmission Outage SDG&E	SCE	LA Basin	17-Jan-12	116	No	INC	1	7:05	7:19	-40.21	\$0	\$0	\$1,335	\$0	\$0	\$0	\$0	\$0	\$0
185	RT	Transmission Outage SDG&E	SDG&E	N/A	17-Jan-12	73- 128	Yes	DEC	2	6:30	7:59	-85.97	\$0	\$0	\$1,050	(\$84)	\$0	\$950	\$0	\$0	\$0
186	RT	Transmission Outage SDG&E	SDG&E	N/A	17-Jan-12	310	No	INC	2	6:10	7:59	-337.98	\$0	\$0	\$4,248	(\$338)	\$0	\$4,248	\$0	\$0	\$0
187	RT	Transmission Outage SDG&E	SDG&E	N/A	20-Jan-12	154- 155	No	DEC	2	11:47	12:29	-112.06	\$0	\$0	\$2,693	(\$54)	\$0	\$1,297	\$0	(\$785)	\$0
188	RT	Transmission Outage SDG&E	SDG&E	San Diego	9-Jan-12	56	Yes	INC	2	7:37	8:59	62.60	\$2,027	\$424	(\$2,088)	\$45	(\$1,502)	\$0	\$0	(\$1,709)	\$0
189	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Jan-12	70- 300	No	INC	13	6:00	18:59	633.58	\$3,536	\$0	(\$35,620)	\$548	(\$13,826)	\$0	\$0	(\$6,410)	\$0
190	RT	Transmission Outage SDG&E	SDG&E	San Diego	18-Jan-12	95- 443	Yes	INC	10	8:20	17:59	1,556.49	\$25,159	\$496	(\$48,888)	\$521	(\$15,666)	\$0	\$0	(\$1,683)	\$0
191	RT	Transmission Outage SDG&E	SDG&E	San Diego	19-Jan-12	94	Yes	INC	8	10:00	17:59	525.30	\$14,405	\$131	(\$18,484)	\$4	(\$137)	\$0	\$0	(\$11)	\$0
192	RT	Transmission Outage SDG&E	SDG&E	San Diego	20-Jan-12	47	Yes	INC	2	14:30	15:59	101.83	\$3,003	\$0	(\$2,335)	\$0	\$0	\$0	\$0	\$0	\$0
193	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jan-12	45	Yes	INC	9	7:55	15:59	367.50	\$13,133	\$123	(\$7,761)	\$0	\$0	\$0	\$0	\$0	\$0
194	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Jan-12	395	Yes	INC	13	11:40	23:59	2,602.69	\$155,565	\$7,993	(\$57,160)	\$576	(\$12,536)	\$0	\$0	(\$9,983)	\$0
195	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Jan-12	0	No	INC	3	0:00	2:19	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
196	RT	Unit Testing	PG&E	Fresno	10-Jan-12	54	No	INC	2	7:43	8:22	20.82	\$506	\$450	(\$766)	\$11	(\$510)	\$0	\$0	\$0	\$0
197	RT	Unit Testing	PG&E	N/A	9-Jan-12	27	Yes	INC	1	9:06	9:15	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
198	RT	Unit Testing	PG&E	N/A	10-Jan-12	26	No	INC	2	7:30	8:09	9.08	\$169	\$250	(\$300)	\$2	(\$79)	\$0	\$0	\$0	\$0
199	RT	Unit Testing	SCE	LA Basin	18-Jan-12	160- 525	No	INC	4	9:22	12:54	-307.28	\$8,869	\$0	\$8,998	(\$4)	\$0	\$97	\$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 G-219. 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 costs⁹. 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 shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time 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

⁹ 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 T-138. 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 T-138. 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 shows the time of the first dispatch of the day. This is a time not a range. Similarly, the End Time 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 T-129. 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 P_{max} or, in other words, the resource was exceptionally dispatched to its P_{max} 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 P_{min}, 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 January, this resource was issued exceptional dispatch instructions in 1,125 five-minute intervals. This resource was eligible to set the LMP in all 1,125 intervals. Resource calculated LMP was larger than the market LMP in 882 of the 1,125 intervals. In the 882 intervals, the average increase in five minute LMP was \$6.38/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 \$6.38/MWh. Note that 882 five minute intervals are approximately 9.88 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 3,879 five minute intervals. It was eligible to set the LMP in 3,003 of the 3,879 intervals. Out of the 3,003 intervals, resource calculated LMP was larger than the market LMP in 2,390 intervals. In the 2,390 intervals, the average increase in five minute LMP was \$8.29/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 \$8.29/MWh. The 2,390 five minute intervals account for approximately 26.77 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	6-Jan-12	18	11	\$25.45	Yes	\$35.24	\$9.79
2	6-Jan-12	18	12	\$25.45	Yes	\$35.24	\$9.79
3	6-Jan-12	19	1	\$25.45	Yes	\$35.24	\$9.79
4	6-Jan-12	19	2	\$45.07	Yes	\$35.24	-\$9.83
5	6-Jan-12	19	3	\$41.78	Yes	\$35.24	-\$6.54
6	6-Jan-12	19	3	\$41.78	Yes	\$35.24	-\$6.54
7	6-Jan-12	19	4	\$40.73	Yes	\$35.24	-\$5.49
8	6-Jan-12	19	4	\$40.73	Yes	\$35.24	-\$5.49
9	6-Jan-12	19	4	\$40.73	Yes	\$35.24	-\$5.49
10	6-Jan-12	19	5	\$37.99	Yes	\$35.24	-\$2.75
11	6-Jan-12	19	5	\$37.99	Yes	\$35.24	-\$2.75
12	6-Jan-12	19	5	\$37.99	Yes	\$35.24	-\$2.75
13	6-Jan-12	19	6	\$44.82	Yes	\$35.24	-\$9.58
14	6-Jan-12	19	6	\$44.82	Yes	\$35.24	-\$9.58
15	6-Jan-12	19	6	\$44.82	Yes	\$35.24	-\$9.58
16	6-Jan-12	19	7	\$40.29	Yes	\$35.24	-\$5.05
17	6-Jan-12	19	7	\$40.29	Yes	\$35.24	-\$5.05
18	6-Jan-12	19	7	\$40.29	Yes	\$35.24	-\$5.05
19	6-Jan-12	19	8	\$36.38	Yes	\$35.24	-\$1.14
20	6-Jan-12	19	8	\$36.38	Yes	\$35.24	-\$1.14
21	6-Jan-12	19	8	\$36.38	Yes	\$35.24	-\$1.14
22	6-Jan-12	19	9	\$33.53	Yes	\$35.24	\$1.71
23	6-Jan-12	19	9	\$33.53	Yes	\$35.24	\$1.71
24	6-Jan-12	19	9	\$33.53	Yes	\$35.24	\$1.71
25	6-Jan-12	19	10	\$27.56	Yes	\$35.24	\$7.68
26	6-Jan-12	19	10	\$27.56	Yes	\$35.24	\$7.68
27	6-Jan-12	19	10	\$27.56	Yes	\$35.24	\$7.68
28	6-Jan-12	19	11	\$27.56	Yes	\$35.24	\$7.68
29	6-Jan-12	19	11	\$27.56	Yes	\$35.24	\$7.68
30	6-Jan-12	19	11	\$27.56	Yes	\$35.24	\$7.68
31	6-Jan-12	19	12	\$26.68	Yes	\$35.24	\$8.56
32	6-Jan-12	19	12	\$26.68	Yes	\$35.24	\$8.56
33	6-Jan-12	19	12	\$26.68	Yes	\$35.24	\$8.56
34	6-Jan-12	20	1	\$27.93	Yes	\$35.24	\$7.31
35	6-Jan-12	20	2	\$27.93	Yes	\$35.24	\$7.31
36	6-Jan-12	20	3	\$27.94	Yes	\$35.24	\$7.30
37	6-Jan-12	20	4	\$25.54	Yes	\$35.24	\$9.70
38	6-Jan-12	20	5	\$25.45	Yes	\$35.24	\$9.79
39	6-Jan-12	20	6	\$25.45	Yes	\$35.24	\$9.79
40	6-Jan-12	20	7	\$25.02	Yes	\$35.24	\$10.22
41	6-Jan-12	20	8	\$25.42	Yes	\$35.24	\$9.82
42	6-Jan-12	20	9	\$25.22	Yes	\$35.24	\$10.02
43	12-Jan-12	20	1	\$31.30	Yes	\$34.55	\$3.25

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	12-Jan-12	20	2	\$31.17	Yes	\$34.55	\$3.38
45	12-Jan-12	20	3	\$31.17	Yes	\$34.55	\$3.38
46	12-Jan-12	20	4	\$32.29	Yes	\$34.55	\$2.26
47	12-Jan-12	20	5	\$34.44	Yes	\$34.55	\$0.11
48	12-Jan-12	20	6	\$33.22	Yes	\$34.55	\$1.33
49	12-Jan-12	20	7	\$32.25	Yes	\$34.55	\$2.30
50	12-Jan-12	20	8	\$31.38	Yes	\$34.55	\$3.17
51	12-Jan-12	20	8	\$31.38	Yes	\$34.55	\$3.17
52	12-Jan-12	20	9	\$26.60	Yes	\$34.55	\$7.95
53	12-Jan-12	20	9	\$26.60	Yes	\$34.55	\$7.95
54	12-Jan-12	20	10	\$26.69	Yes	\$34.55	\$7.86
55	12-Jan-12	20	10	\$26.69	Yes	\$34.55	\$7.86
56	12-Jan-12	20	11	\$26.45	Yes	\$34.55	\$8.11
57	12-Jan-12	20	11	\$26.45	Yes	\$34.55	\$8.11
58	12-Jan-12	20	12	\$26.48	Yes	\$34.55	\$8.07
59	12-Jan-12	20	12	\$26.48	Yes	\$34.55	\$8.07
60	12-Jan-12	21	1	\$32.15	Yes	\$34.55	\$2.40
61	12-Jan-12	21	2	\$32.51	Yes	\$34.55	\$2.04
62	12-Jan-12	21	3	\$32.73	Yes	\$34.55	\$1.82
63	12-Jan-12	21	4	\$28.97	Yes	\$34.55	\$5.58
64	12-Jan-12	21	5	\$30.52	Yes	\$34.55	\$4.03
65	12-Jan-12	21	6	\$30.27	Yes	\$34.55	\$4.28
66	12-Jan-12	21	7	\$28.85	Yes	\$34.55	\$5.70
67	12-Jan-12	21	8	\$28.86	Yes	\$34.55	\$5.69
68	12-Jan-12	21	9	\$25.86	Yes	\$34.55	\$8.69
69	12-Jan-12	21	10	\$26.19	Yes	\$34.55	\$8.36
70	12-Jan-12	21	11	\$26.19	Yes	\$34.55	\$8.36
71	12-Jan-12	21	12	\$26.19	Yes	\$34.55	\$8.36
72	12-Jan-12	22	1	\$39.46	Yes	\$34.55	-\$4.91
73	12-Jan-12	22	2	\$37.28	Yes	\$34.55	-\$2.73
74	12-Jan-12	22	3	\$32.77	Yes	\$34.55	\$1.78
75	12-Jan-12	22	4	\$30.52	Yes	\$34.55	\$4.03
76	12-Jan-12	22	5	\$30.52	Yes	\$34.55	\$4.03
77	12-Jan-12	22	6	\$30.52	Yes	\$34.55	\$4.03
78	12-Jan-12	22	7	\$27.16	Yes	\$34.55	\$7.39
79	12-Jan-12	22	8	\$26.94	Yes	\$34.55	\$7.61
80	12-Jan-12	22	9	\$26.57	Yes	\$34.55	\$7.98
81	12-Jan-12	22	10	\$26.15	Yes	\$34.55	\$8.40
82	12-Jan-12	22	11	\$26.15	Yes	\$34.55	\$8.40
83	12-Jan-12	22	12	\$26.15	Yes	\$34.55	\$8.40
84	12-Jan-12	23	1	\$31.35	Yes	\$34.55	\$3.20
85	12-Jan-12	23	2	\$33.09	Yes	\$34.55	\$1.46
86	12-Jan-12	23	3	\$29.87	Yes	\$34.55	\$4.68
87	12-Jan-12	23	4	\$33.16	Yes	\$34.55	\$1.39
88	12-Jan-12	23	5	\$30.52	Yes	\$34.55	\$4.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	12-Jan-12	23	6	\$28.47	Yes	\$34.55	\$6.08
90	12-Jan-12	23	7	\$25.87	Yes	\$34.55	\$8.68
91	12-Jan-12	23	8	\$24.93	Yes	\$34.55	\$9.62
92	12-Jan-12	23	9	\$24.92	Yes	\$34.55	\$9.63
93	12-Jan-12	23	10	\$25.15	Yes	\$34.55	\$9.40
94	12-Jan-12	23	11	\$24.86	Yes	\$34.55	\$9.69
95	12-Jan-12	23	12	\$23.66	Yes	\$34.55	\$10.89
96	13-Jan-12	18	8	\$31.32	Yes	\$33.54	\$2.22
97	13-Jan-12	18	9	\$62.81	Yes	\$33.54	-\$29.27
98	13-Jan-12	18	10	\$77.74	Yes	\$33.54	-\$44.20
99	13-Jan-12	18	11	\$33.50	Yes	\$33.54	\$0.04
100	13-Jan-12	18	12	\$32.46	Yes	\$33.54	\$1.08
101	13-Jan-12	19	1	\$26.58	Yes	\$33.54	\$6.96
102	13-Jan-12	19	2	\$27.92	Yes	\$33.54	\$5.62
103	13-Jan-12	19	3	\$27.69	Yes	\$33.54	\$5.85
104	13-Jan-12	19	4	\$26.46	Yes	\$33.54	\$7.08
105	13-Jan-12	19	5	\$26.46	Yes	\$33.54	\$7.08
106	13-Jan-12	19	6	\$26.46	Yes	\$33.54	\$7.08
107	13-Jan-12	19	7	\$26.50	Yes	\$33.54	\$7.04
108	13-Jan-12	19	8	\$26.50	Yes	\$33.54	\$7.04
109	13-Jan-12	19	9	\$26.50	Yes	\$33.54	\$7.04
110	13-Jan-12	19	10	\$26.46	Yes	\$33.54	\$7.08
111	13-Jan-12	19	11	\$26.46	Yes	\$33.54	\$7.08
112	13-Jan-12	19	12	\$27.66	Yes	\$33.54	\$5.88
113	13-Jan-12	20	1	\$28.06	Yes	\$33.54	\$5.48
114	13-Jan-12	20	2	\$30.22	Yes	\$33.54	\$3.32
115	13-Jan-12	20	3	\$30.02	Yes	\$33.54	\$3.52
116	13-Jan-12	20	4	\$30.98	Yes	\$33.54	\$2.56
117	13-Jan-12	20	5	\$30.27	Yes	\$33.54	\$3.27
118	13-Jan-12	20	6	\$30.20	Yes	\$33.54	\$3.34
119	13-Jan-12	20	7	\$29.71	Yes	\$33.54	\$3.83
120	13-Jan-12	20	8	\$29.92	Yes	\$33.54	\$3.62
121	13-Jan-12	20	9	\$29.70	Yes	\$33.54	\$3.84
122	13-Jan-12	20	10	\$29.25	Yes	\$33.54	\$4.29
123	13-Jan-12	20	11	\$28.10	Yes	\$33.54	\$5.44
124	13-Jan-12	20	12	\$30.95	Yes	\$33.54	\$2.59
125	15-Jan-12	18	12	\$51.07	Yes	\$33.20	-\$17.87
126	15-Jan-12	19	1	\$42.79	Yes	\$33.20	-\$9.59
127	15-Jan-12	19	2	\$36.42	Yes	\$33.20	-\$3.22
128	15-Jan-12	19	3	\$36.48	Yes	\$33.20	-\$3.28
129	15-Jan-12	19	3	\$36.48	Yes	\$33.20	-\$3.28
130	15-Jan-12	19	4	\$36.45	Yes	\$33.20	-\$3.25
131	15-Jan-12	19	4	\$36.45	Yes	\$33.20	-\$3.25
132	15-Jan-12	19	5	\$31.71	Yes	\$33.20	\$1.49
133	15-Jan-12	19	5	\$31.71	Yes	\$33.20	\$1.49

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	15-Jan-12	19	6	\$25.74	Yes	\$33.20	\$7.46
135	15-Jan-12	19	6	\$25.74	Yes	\$33.20	\$7.46
136	15-Jan-12	19	7	\$25.78	Yes	\$33.20	\$7.42
137	15-Jan-12	19	7	\$25.78	Yes	\$33.20	\$7.42
138	15-Jan-12	19	8	\$25.97	Yes	\$33.20	\$7.23
139	15-Jan-12	19	8	\$25.97	Yes	\$33.20	\$7.23
140	15-Jan-12	19	9	\$25.97	Yes	\$33.20	\$7.23
141	15-Jan-12	19	9	\$25.97	Yes	\$33.20	\$7.23
142	15-Jan-12	19	10	\$25.69	Yes	\$33.20	\$7.51
143	15-Jan-12	19	10	\$25.69	Yes	\$33.20	\$7.51
144	15-Jan-12	19	11	\$25.69	Yes	\$33.20	\$7.51
145	15-Jan-12	19	11	\$25.69	Yes	\$33.20	\$7.51
146	15-Jan-12	19	12	\$26.12	Yes	\$33.20	\$7.08
147	15-Jan-12	19	12	\$26.12	Yes	\$33.20	\$7.08
148	15-Jan-12	20	1	\$23.69	Yes	\$33.20	\$9.51
149	15-Jan-12	20	2	\$23.86	Yes	\$33.20	\$9.34
150	15-Jan-12	20	3	\$24.57	Yes	\$33.20	\$8.63
151	15-Jan-12	20	3	\$24.57	Yes	\$33.20	\$8.63
152	15-Jan-12	20	4	\$23.68	Yes	\$33.20	\$9.52
153	15-Jan-12	20	4	\$23.68	Yes	\$33.20	\$9.52
154	15-Jan-12	20	5	\$23.74	Yes	\$33.20	\$9.46
155	15-Jan-12	20	5	\$23.74	Yes	\$33.20	\$9.46
156	15-Jan-12	20	6	\$23.68	Yes	\$33.20	\$9.52
157	15-Jan-12	20	6	\$23.68	Yes	\$33.20	\$9.52
158	15-Jan-12	20	7	\$23.80	Yes	\$33.20	\$9.40
159	15-Jan-12	20	8	\$23.66	Yes	\$33.20	\$9.54
160	15-Jan-12	20	9	\$23.66	Yes	\$33.20	\$9.54
161	15-Jan-12	20	10	\$23.62	Yes	\$33.20	\$9.58
162	15-Jan-12	20	11	\$23.62	Yes	\$33.20	\$9.58
163	15-Jan-12	20	12	\$23.79	Yes	\$33.20	\$9.41
164	16-Jan-12	9	7	\$23.27	Yes	\$33.20	\$9.93
165	16-Jan-12	9	8	\$23.75	Yes	\$33.20	\$9.45
166	16-Jan-12	9	9	\$23.75	Yes	\$33.20	\$9.45
167	16-Jan-12	9	10	\$23.68	Yes	\$33.20	\$9.52
168	16-Jan-12	9	11	\$23.68	Yes	\$33.20	\$9.52
169	16-Jan-12	9	12	\$23.68	Yes	\$33.20	\$9.52
170	16-Jan-12	10	1	\$23.03	Yes	\$33.20	\$10.17
171	16-Jan-12	10	2	\$23.03	Yes	\$33.20	\$10.17
172	16-Jan-12	10	3	\$23.18	Yes	\$33.20	\$10.02
173	16-Jan-12	10	4	\$23.08	Yes	\$33.20	\$10.12
174	16-Jan-12	10	5	\$23.23	Yes	\$33.20	\$9.97
175	16-Jan-12	10	6	\$23.26	Yes	\$33.20	\$9.94
176	16-Jan-12	10	7	\$23.35	Yes	\$33.20	\$9.85
177	16-Jan-12	10	8	\$23.18	Yes	\$33.20	\$10.02
178	16-Jan-12	10	9	\$23.18	Yes	\$33.20	\$10.02

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179	16-Jan-12	10	10	\$23.38	Yes	\$33.20	\$9.82
180	16-Jan-12	10	11	\$23.38	Yes	\$33.20	\$9.82
181	16-Jan-12	10	12	\$23.50	Yes	\$33.20	\$9.70
182	16-Jan-12	11	1	\$23.34	Yes	\$33.20	\$9.86
183	16-Jan-12	11	2	\$23.36	Yes	\$33.20	\$9.84
184	16-Jan-12	11	3	\$23.69	Yes	\$33.20	\$9.51
185	16-Jan-12	11	4	\$23.75	Yes	\$33.20	\$9.45
186	16-Jan-12	11	5	\$23.75	Yes	\$33.20	\$9.45
187	16-Jan-12	11	6	\$23.75	Yes	\$33.20	\$9.45
188	16-Jan-12	11	7	\$23.76	Yes	\$33.20	\$9.44
189	16-Jan-12	11	8	\$23.45	Yes	\$33.20	\$9.75
190	16-Jan-12	11	9	\$23.67	Yes	\$33.20	\$9.53
191	16-Jan-12	11	10	\$23.67	Yes	\$33.20	\$9.53
192	16-Jan-12	11	11	\$23.79	Yes	\$33.20	\$9.41
193	16-Jan-12	11	12	\$23.79	Yes	\$33.20	\$9.41
194	16-Jan-12	18	1	\$21.43	Yes	\$33.20	\$11.77
195	16-Jan-12	18	1	\$21.43	Yes	\$33.20	\$11.77
196	16-Jan-12	18	2	\$21.95	Yes	\$33.20	\$11.25
197	16-Jan-12	18	2	\$21.95	Yes	\$33.20	\$11.25
198	16-Jan-12	18	3	\$21.89	Yes	\$33.20	\$11.31
199	16-Jan-12	18	3	\$21.89	Yes	\$33.20	\$11.31
200	16-Jan-12	18	3	\$21.89	Yes	\$33.20	\$11.31
201	16-Jan-12	18	4	\$23.84	Yes	\$33.20	\$9.36
202	16-Jan-12	18	4	\$23.84	Yes	\$33.20	\$9.36
203	16-Jan-12	18	4	\$23.84	Yes	\$33.20	\$9.36
204	16-Jan-12	18	5	\$24.36	Yes	\$33.20	\$8.84
205	16-Jan-12	18	5	\$24.36	Yes	\$33.20	\$8.84
206	16-Jan-12	18	5	\$24.36	Yes	\$33.20	\$8.84
207	16-Jan-12	18	6	\$24.36	Yes	\$33.20	\$8.84
208	16-Jan-12	18	6	\$24.36	Yes	\$33.20	\$8.84
209	16-Jan-12	18	7	\$25.31	Yes	\$33.20	\$7.89
210	16-Jan-12	18	7	\$25.31	Yes	\$33.20	\$7.89
211	16-Jan-12	18	8	\$23.76	Yes	\$33.20	\$9.44
212	16-Jan-12	18	8	\$23.76	Yes	\$33.20	\$9.44
213	16-Jan-12	18	9	\$26.37	Yes	\$33.20	\$6.83
214	16-Jan-12	18	9	\$26.37	Yes	\$33.20	\$6.83
215	16-Jan-12	18	10	\$28.38	Yes	\$33.20	\$4.82
216	16-Jan-12	18	10	\$28.38	Yes	\$33.20	\$4.82
217	16-Jan-12	18	11	\$28.51	Yes	\$33.20	\$4.69
218	16-Jan-12	18	11	\$28.51	Yes	\$33.20	\$4.69
219	16-Jan-12	18	12	\$26.75	Yes	\$33.20	\$6.45
220	16-Jan-12	18	12	\$26.75	Yes	\$33.20	\$6.45
221	16-Jan-12	19	6	\$26.94	Yes	\$33.20	\$6.26
222	16-Jan-12	19	7	\$26.79	Yes	\$33.20	\$6.41
223	16-Jan-12	19	7	\$26.79	Yes	\$33.20	\$6.41

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	16-Jan-12	19	8	\$27.08	Yes	\$33.20	\$6.12
225	16-Jan-12	19	8	\$27.08	Yes	\$33.20	\$6.12
226	16-Jan-12	19	9	\$27.08	Yes	\$33.20	\$6.12
227	16-Jan-12	19	9	\$27.08	Yes	\$33.20	\$6.12
228	16-Jan-12	19	10	\$26.43	Yes	\$33.20	\$6.77
229	16-Jan-12	19	10	\$26.43	Yes	\$33.20	\$6.77
230	16-Jan-12	19	11	\$26.43	Yes	\$33.20	\$6.77
231	16-Jan-12	19	11	\$26.43	Yes	\$33.20	\$6.77
232	16-Jan-12	19	12	\$27.05	Yes	\$33.20	\$6.15
233	16-Jan-12	19	12	\$27.05	Yes	\$33.20	\$6.15
234	16-Jan-12	20	1	\$28.91	Yes	\$33.20	\$4.29
235	16-Jan-12	20	2	\$29.05	Yes	\$33.20	\$4.15
236	16-Jan-12	20	3	\$30.86	Yes	\$33.20	\$2.34
237	16-Jan-12	20	4	\$28.26	Yes	\$33.20	\$4.94
238	16-Jan-12	20	5	\$27.00	Yes	\$33.20	\$6.20
239	16-Jan-12	20	6	\$28.34	Yes	\$33.20	\$4.86
240	16-Jan-12	20	7	\$28.99	Yes	\$33.20	\$4.21
241	16-Jan-12	20	8	\$28.27	Yes	\$33.20	\$4.93
242	16-Jan-12	20	9	\$26.67	Yes	\$33.20	\$6.53
243	16-Jan-12	20	9	\$26.67	Yes	\$33.20	\$6.53
244	16-Jan-12	20	10	\$27.08	Yes	\$33.20	\$6.12
245	16-Jan-12	20	10	\$27.08	Yes	\$33.20	\$6.12
246	16-Jan-12	20	11	\$26.38	Yes	\$33.20	\$6.82
247	16-Jan-12	20	11	\$26.38	Yes	\$33.20	\$6.82
248	16-Jan-12	20	12	\$25.23	Yes	\$33.20	\$7.97
249	16-Jan-12	20	12	\$25.23	Yes	\$33.20	\$7.97
250	16-Jan-12	21	1	\$27.48	Yes	\$33.20	\$5.72
251	16-Jan-12	21	2	\$27.48	Yes	\$33.20	\$5.72
252	16-Jan-12	21	3	\$28.45	Yes	\$33.20	\$4.75
253	16-Jan-12	21	4	\$27.48	Yes	\$33.20	\$5.72
254	16-Jan-12	21	5	\$27.48	Yes	\$33.20	\$5.72
255	16-Jan-12	21	6	\$26.34	Yes	\$33.20	\$6.86
256	16-Jan-12	21	7	\$25.12	Yes	\$33.20	\$8.08
257	16-Jan-12	21	8	\$23.70	Yes	\$33.20	\$9.50
258	16-Jan-12	21	9	\$23.70	Yes	\$33.20	\$9.50
259	16-Jan-12	21	10	\$23.37	Yes	\$33.20	\$9.83
260	16-Jan-12	21	11	\$23.25	Yes	\$33.20	\$9.95
261	16-Jan-12	21	12	\$23.25	Yes	\$33.20	\$9.95
262	16-Jan-12	21	12	\$23.25	Yes	\$33.20	\$9.95
263	16-Jan-12	22	1	\$27.94	Yes	\$33.20	\$5.26
264	16-Jan-12	22	2	\$27.94	Yes	\$33.20	\$5.26
265	16-Jan-12	22	3	\$26.35	Yes	\$33.20	\$6.85
266	16-Jan-12	22	4	\$25.44	Yes	\$33.20	\$7.76
267	16-Jan-12	22	5	\$25.44	Yes	\$33.20	\$7.76
268	16-Jan-12	22	6	\$23.55	Yes	\$33.20	\$9.65

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	16-Jan-12	22	7	\$23.52	Yes	\$33.20	\$9.68
270	16-Jan-12	22	8	\$23.05	Yes	\$33.20	\$10.15
271	16-Jan-12	22	9	\$23.02	Yes	\$33.20	\$10.18
272	16-Jan-12	22	10	\$22.78	Yes	\$33.20	\$10.42
273	16-Jan-12	22	10	\$22.78	Yes	\$33.20	\$10.42
274	16-Jan-12	22	11	\$23.16	Yes	\$33.20	\$10.04
275	16-Jan-12	22	11	\$23.16	Yes	\$33.20	\$10.04
276	16-Jan-12	22	12	\$21.70	Yes	\$33.20	\$11.50
277	16-Jan-12	22	12	\$21.70	Yes	\$33.20	\$11.50
278	16-Jan-12	23	1	\$26.13	Yes	\$33.20	\$7.07
279	16-Jan-12	23	2	\$25.66	Yes	\$33.20	\$7.54
280	16-Jan-12	23	3	\$25.66	Yes	\$33.20	\$7.54
281	16-Jan-12	23	4	\$23.46	Yes	\$33.20	\$9.74
282	16-Jan-12	23	5	\$23.30	Yes	\$33.20	\$9.90
283	16-Jan-12	23	6	\$23.28	Yes	\$33.20	\$9.92
284	16-Jan-12	23	7	\$21.17	Yes	\$33.20	\$12.03
285	16-Jan-12	23	8	\$21.03	Yes	\$33.20	\$12.17
286	16-Jan-12	23	9	\$20.93	Yes	\$33.20	\$12.27
287	16-Jan-12	23	10	\$18.79	Yes	\$33.20	\$14.41
288	16-Jan-12	23	11	\$19.64	Yes	\$33.20	\$13.56
289	16-Jan-12	23	12	\$18.31	Yes	\$33.20	\$14.89
290	17-Jan-12	7	8	\$45.72	Yes	\$33.20	-\$12.52
291	17-Jan-12	7	9	\$1,020.40	Yes	\$33.20	-\$987.20
292	17-Jan-12	7	10	\$133.88	Yes	\$33.20	-\$100.68
293	17-Jan-12	7	11	\$47.65	Yes	\$33.20	-\$14.45
294	17-Jan-12	7	12	\$47.65	Yes	\$33.20	-\$14.45
295	17-Jan-12	8	1	\$34.71	Yes	\$33.20	-\$1.51
296	17-Jan-12	8	2	\$33.43	Yes	\$33.20	-\$0.23
297	17-Jan-12	8	3	\$33.48	Yes	\$33.20	-\$0.28
298	17-Jan-12	8	4	\$36.86	Yes	\$33.20	-\$3.66
299	17-Jan-12	8	5	\$36.86	Yes	\$33.20	-\$3.66
300	17-Jan-12	8	6	\$36.86	Yes	\$33.20	-\$3.66
301	17-Jan-12	8	7	\$94.88	Yes	\$33.20	-\$61.68
302	17-Jan-12	8	8	\$58.03	Yes	\$33.20	-\$24.83
303	17-Jan-12	8	9	\$35.42	Yes	\$33.20	-\$2.22
304	17-Jan-12	8	9	\$35.42	Yes	\$33.20	-\$2.22
305	17-Jan-12	8	10	\$45.21	Yes	\$33.20	-\$12.01
306	17-Jan-12	8	10	\$45.21	Yes	\$33.20	-\$12.01
307	17-Jan-12	8	11	\$29.56	Yes	\$33.20	\$3.64
308	17-Jan-12	8	11	\$29.56	Yes	\$33.20	\$3.64
309	17-Jan-12	8	12	\$31.65	Yes	\$33.20	\$1.55
310	17-Jan-12	8	12	\$31.65	Yes	\$33.20	\$1.55
311	17-Jan-12	9	1	\$25.56	Yes	\$33.20	\$7.64
312	17-Jan-12	9	2	\$35.86	Yes	\$33.20	-\$2.66
313	17-Jan-12	9	3	\$35.58	Yes	\$33.20	-\$2.38

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314	17-Jan-12	9	4	\$34.78	Yes	\$33.20	-\$1.58
315	17-Jan-12	9	5	\$33.44	Yes	\$33.20	-\$0.24
316	17-Jan-12	9	6	\$33.10	Yes	\$33.20	\$0.10
317	17-Jan-12	9	7	\$31.42	Yes	\$33.20	\$1.78
318	17-Jan-12	9	8	\$29.38	Yes	\$33.20	\$3.82
319	17-Jan-12	9	9	\$24.24	Yes	\$33.20	\$8.96
320	17-Jan-12	9	10	\$27.43	Yes	\$33.20	\$5.77
321	17-Jan-12	9	11	\$25.43	Yes	\$33.20	\$7.77
322	17-Jan-12	9	12	\$29.53	Yes	\$33.20	\$3.67
323	17-Jan-12	10	1	\$29.51	Yes	\$33.20	\$3.69
324	17-Jan-12	10	2	\$22.96	Yes	\$33.20	\$10.24
325	17-Jan-12	10	3	\$23.97	Yes	\$33.20	\$9.23
326	17-Jan-12	10	4	\$25.06	Yes	\$33.20	\$8.14
327	17-Jan-12	10	5	\$24.49	Yes	\$33.20	\$8.71
328	17-Jan-12	10	6	\$24.49	Yes	\$33.20	\$8.71
329	17-Jan-12	10	7	\$24.35	Yes	\$33.20	\$8.85
330	17-Jan-12	10	8	\$25.19	Yes	\$33.20	\$8.01
331	17-Jan-12	10	9	\$25.17	Yes	\$33.20	\$8.03
332	17-Jan-12	10	10	\$24.21	Yes	\$33.20	\$8.99
333	17-Jan-12	10	11	\$24.18	Yes	\$33.20	\$9.02
334	17-Jan-12	10	12	\$25.02	Yes	\$33.20	\$8.18
335	17-Jan-12	11	1	\$24.42	Yes	\$33.20	\$8.78
336	17-Jan-12	11	2	\$24.21	Yes	\$33.20	\$8.99
337	17-Jan-12	11	2	\$24.21	Yes	\$33.20	\$8.99
338	17-Jan-12	11	3	\$24.21	Yes	\$33.20	\$8.99
339	17-Jan-12	11	3	\$24.21	Yes	\$33.20	\$8.99
340	17-Jan-12	11	4	\$26.28	Yes	\$33.20	\$6.92
341	17-Jan-12	11	4	\$26.28	Yes	\$33.20	\$6.92
342	17-Jan-12	11	5	\$26.28	Yes	\$33.20	\$6.92
343	17-Jan-12	11	5	\$26.28	Yes	\$33.20	\$6.92
344	17-Jan-12	11	6	\$26.28	Yes	\$33.20	\$6.92
345	17-Jan-12	11	6	\$26.28	Yes	\$33.20	\$6.92
346	17-Jan-12	11	7	\$26.26	Yes	\$33.20	\$6.94
347	17-Jan-12	11	8	\$25.27	Yes	\$33.20	\$7.93
348	17-Jan-12	11	9	\$25.51	Yes	\$33.20	\$7.69
349	17-Jan-12	11	10	\$25.37	Yes	\$33.20	\$7.83
350	17-Jan-12	11	11	\$25.37	Yes	\$33.20	\$7.83
351	17-Jan-12	11	12	\$29.53	Yes	\$33.20	\$3.67
352	17-Jan-12	18	2	\$22.23	Yes	\$33.20	\$10.97
353	17-Jan-12	18	3	\$22.68	Yes	\$33.20	\$10.52
354	17-Jan-12	18	4	\$23.88	Yes	\$33.20	\$9.32
355	17-Jan-12	18	5	\$23.58	Yes	\$33.20	\$9.62
356	17-Jan-12	18	5	\$23.58	Yes	\$33.20	\$9.62
357	17-Jan-12	18	6	\$26.92	Yes	\$33.20	\$6.28
358	17-Jan-12	18	6	\$26.92	Yes	\$33.20	\$6.28

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	17-Jan-12	18	7	\$32.51	Yes	\$33.20	\$0.69
360	17-Jan-12	18	7	\$32.51	Yes	\$33.20	\$0.69
361	17-Jan-12	18	8	\$30.48	Yes	\$33.20	\$2.72
362	17-Jan-12	18	8	\$30.48	Yes	\$33.20	\$2.72
363	17-Jan-12	18	9	\$31.09	Yes	\$33.20	\$2.11
364	17-Jan-12	18	9	\$31.09	Yes	\$33.20	\$2.11
365	17-Jan-12	18	10	\$29.85	Yes	\$33.20	\$3.35
366	17-Jan-12	18	10	\$29.85	Yes	\$33.20	\$3.35
367	17-Jan-12	18	11	\$33.58	Yes	\$33.20	-\$0.38
368	17-Jan-12	18	11	\$33.58	Yes	\$33.20	-\$0.38
369	17-Jan-12	18	12	\$31.32	Yes	\$33.20	\$1.88
370	17-Jan-12	18	12	\$31.32	Yes	\$33.20	\$1.88
371	17-Jan-12	19	1	\$31.36	Yes	\$33.20	\$1.84
372	17-Jan-12	19	2	\$30.96	Yes	\$33.20	\$2.24
373	17-Jan-12	19	3	\$31.29	Yes	\$33.20	\$1.91
374	17-Jan-12	19	4	\$31.02	Yes	\$33.20	\$2.18
375	17-Jan-12	19	5	\$31.57	Yes	\$33.20	\$1.63
376	17-Jan-12	19	6	\$31.57	Yes	\$33.20	\$1.63
377	17-Jan-12	19	7	\$31.38	Yes	\$33.20	\$1.82
378	17-Jan-12	19	8	\$31.21	Yes	\$33.20	\$1.99
379	17-Jan-12	19	9	\$31.22	Yes	\$33.20	\$1.98
380	17-Jan-12	19	10	\$26.58	Yes	\$33.20	\$6.62
381	17-Jan-12	19	11	\$28.20	Yes	\$33.20	\$5.00
382	17-Jan-12	19	12	\$29.29	Yes	\$33.20	\$3.91
383	17-Jan-12	20	1	\$30.78	Yes	\$33.20	\$2.42
384	17-Jan-12	20	2	\$30.83	Yes	\$33.20	\$2.37
385	17-Jan-12	20	3	\$31.44	Yes	\$33.20	\$1.76
386	17-Jan-12	20	4	\$30.90	Yes	\$33.20	\$2.30
387	17-Jan-12	20	5	\$30.74	Yes	\$33.20	\$2.46
388	17-Jan-12	20	6	\$29.10	Yes	\$33.20	\$4.10
389	17-Jan-12	20	7	\$31.13	Yes	\$33.20	\$2.07
390	17-Jan-12	20	8	\$31.25	Yes	\$33.20	\$1.95
391	17-Jan-12	20	9	\$31.22	Yes	\$33.20	\$1.98
392	17-Jan-12	20	10	\$30.98	Yes	\$33.20	\$2.22
393	17-Jan-12	20	11	\$31.05	Yes	\$33.20	\$2.15
394	17-Jan-12	20	12	\$30.95	Yes	\$33.20	\$2.25
395	17-Jan-12	21	1	\$31.58	Yes	\$33.20	\$1.62
396	17-Jan-12	21	2	\$31.58	Yes	\$33.20	\$1.62
397	17-Jan-12	21	3	\$31.58	Yes	\$33.20	\$1.62
398	17-Jan-12	21	4	\$31.67	Yes	\$33.20	\$1.53
399	17-Jan-12	21	5	\$31.65	Yes	\$33.20	\$1.55
400	17-Jan-12	21	6	\$31.74	Yes	\$33.20	\$1.46
401	17-Jan-12	21	7	\$31.46	Yes	\$33.20	\$1.74
402	17-Jan-12	21	8	\$31.41	Yes	\$33.20	\$1.79
403	17-Jan-12	21	9	\$31.41	Yes	\$33.20	\$1.79

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	17-Jan-12	21	10	\$28.02	Yes	\$33.20	\$5.18
405	17-Jan-12	21	11	\$30.55	Yes	\$33.20	\$2.65
406	17-Jan-12	21	12	\$27.93	Yes	\$33.20	\$5.27
407	17-Jan-12	22	1	\$32.34	Yes	\$33.20	\$0.86
408	17-Jan-12	22	2	\$32.22	Yes	\$33.20	\$0.98
409	17-Jan-12	22	3	\$32.22	Yes	\$33.20	\$0.98
410	17-Jan-12	22	4	\$31.32	Yes	\$33.20	\$1.88
411	17-Jan-12	22	5	\$31.25	Yes	\$33.20	\$1.95
412	17-Jan-12	22	6	\$31.25	Yes	\$33.20	\$1.95
413	17-Jan-12	22	7	\$29.44	Yes	\$33.20	\$3.76
414	17-Jan-12	22	8	\$26.60	Yes	\$33.20	\$6.60
415	17-Jan-12	22	9	\$26.17	Yes	\$33.20	\$7.03
416	17-Jan-12	22	10	\$25.31	Yes	\$33.20	\$7.89
417	17-Jan-12	22	11	\$26.16	Yes	\$33.20	\$7.04
418	17-Jan-12	22	12	\$31.03	Yes	\$33.20	\$2.17
419	17-Jan-12	22	12	\$31.03	Yes	\$33.20	\$2.17
420	17-Jan-12	23	1	\$37.48	Yes	\$33.20	-\$4.28
421	17-Jan-12	23	2	\$31.18	Yes	\$33.20	\$2.02
422	17-Jan-12	23	3	\$24.99	Yes	\$33.20	\$8.21
423	18-Jan-12	19	4	\$30.46	Yes	\$32.77	\$2.31
424	18-Jan-12	19	5	\$35.79	Yes	\$32.77	-\$3.02
425	18-Jan-12	19	6	\$37.87	Yes	\$32.77	-\$5.10
426	18-Jan-12	19	7	\$40.83	Yes	\$32.77	-\$8.06
427	18-Jan-12	19	8	\$36.07	Yes	\$32.77	-\$3.30
428	18-Jan-12	19	9	\$35.28	Yes	\$32.77	-\$2.51
429	18-Jan-12	19	9	\$35.28	Yes	\$32.77	-\$2.51
430	18-Jan-12	19	10	\$35.38	Yes	\$32.77	-\$2.61
431	18-Jan-12	19	10	\$35.38	Yes	\$32.77	-\$2.61
432	18-Jan-12	19	11	\$35.28	Yes	\$32.77	-\$2.51
433	18-Jan-12	19	11	\$35.28	Yes	\$32.77	-\$2.51
434	18-Jan-12	19	12	\$35.28	Yes	\$32.77	-\$2.51
435	18-Jan-12	19	12	\$35.28	Yes	\$32.77	-\$2.51
436	18-Jan-12	20	1	\$35.76	Yes	\$32.77	-\$2.99
437	18-Jan-12	20	2	\$36.61	Yes	\$32.77	-\$3.84
438	18-Jan-12	20	3	\$37.47	Yes	\$32.77	-\$4.70
439	18-Jan-12	20	4	\$35.39	Yes	\$32.77	-\$2.62
440	18-Jan-12	20	5	\$35.97	Yes	\$32.77	-\$3.20
441	18-Jan-12	20	6	\$35.95	Yes	\$32.77	-\$3.18
442	18-Jan-12	20	7	\$35.18	Yes	\$32.77	-\$2.41
443	18-Jan-12	20	8	\$31.06	Yes	\$32.77	\$1.71
444	18-Jan-12	20	9	\$30.33	Yes	\$32.77	\$2.44
445	18-Jan-12	20	10	\$25.00	Yes	\$32.77	\$7.77
446	18-Jan-12	20	11	\$23.77	Yes	\$32.77	\$9.00
447	18-Jan-12	20	12	\$23.24	Yes	\$32.77	\$9.53
448	18-Jan-12	21	1	\$34.52	Yes	\$32.77	-\$1.75

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449	18-Jan-12	21	2	\$36.66	Yes	\$32.77	-\$3.89
450	18-Jan-12	21	3	\$41.20	Yes	\$32.77	-\$8.43
451	18-Jan-12	21	4	\$41.74	Yes	\$32.77	-\$8.97
452	18-Jan-12	21	5	\$40.14	Yes	\$32.77	-\$7.37
453	18-Jan-12	21	6	\$35.56	Yes	\$32.77	-\$2.79
454	18-Jan-12	21	7	\$34.83	Yes	\$32.77	-\$2.06
455	18-Jan-12	21	8	\$34.83	Yes	\$32.77	-\$2.06
456	18-Jan-12	21	9	\$30.65	Yes	\$32.77	\$2.12
457	18-Jan-12	21	9	\$30.65	Yes	\$32.77	\$2.12
458	18-Jan-12	21	10	\$31.24	Yes	\$32.77	\$1.53
459	18-Jan-12	21	10	\$31.24	Yes	\$32.77	\$1.53
460	18-Jan-12	21	11	\$31.26	Yes	\$32.77	\$1.51
461	18-Jan-12	21	11	\$31.26	Yes	\$32.77	\$1.51
462	18-Jan-12	21	12	\$33.95	Yes	\$32.77	-\$1.18
463	18-Jan-12	21	12	\$33.95	Yes	\$32.77	-\$1.18
464	18-Jan-12	22	1	\$37.36	Yes	\$32.77	-\$4.59
465	18-Jan-12	22	2	\$36.83	Yes	\$32.77	-\$4.06
466	18-Jan-12	22	3	\$34.91	Yes	\$32.77	-\$2.14
467	18-Jan-12	22	4	\$35.59	Yes	\$32.77	-\$2.82
468	18-Jan-12	22	5	\$34.85	Yes	\$32.77	-\$2.08
469	18-Jan-12	22	6	\$32.72	Yes	\$32.77	\$0.05
470	18-Jan-12	22	6	\$32.72	Yes	\$32.77	\$0.05
471	18-Jan-12	22	7	\$31.83	Yes	\$32.77	\$0.94
472	18-Jan-12	22	8	\$30.95	Yes	\$32.77	\$1.82
473	18-Jan-12	22	9	\$31.43	Yes	\$32.77	\$1.34
474	18-Jan-12	22	10	\$31.13	Yes	\$32.77	\$1.64
475	18-Jan-12	22	11	\$31.25	Yes	\$32.77	\$1.52
476	18-Jan-12	22	12	\$31.42	Yes	\$32.77	\$1.35
477	19-Jan-12	7	8	\$27.40	Yes	\$32.18	\$4.78
478	19-Jan-12	7	9	\$28.46	Yes	\$32.18	\$3.72
479	19-Jan-12	7	10	\$27.56	Yes	\$32.18	\$4.62
480	19-Jan-12	7	11	\$29.39	Yes	\$32.18	\$2.79
481	19-Jan-12	7	12	\$34.57	Yes	\$32.18	-\$2.39
482	19-Jan-12	8	1	\$29.91	Yes	\$32.18	\$2.27
483	19-Jan-12	8	2	\$39.14	Yes	\$32.18	-\$6.96
484	19-Jan-12	8	3	\$38.20	Yes	\$32.18	-\$6.02
485	19-Jan-12	8	4	\$38.24	Yes	\$32.18	-\$6.06
486	19-Jan-12	8	5	\$42.77	Yes	\$32.18	-\$10.59
487	19-Jan-12	8	6	\$41.30	Yes	\$32.18	-\$9.12
488	19-Jan-12	8	7	\$35.60	Yes	\$32.18	-\$3.42
489	19-Jan-12	8	8	\$34.59	Yes	\$32.18	-\$2.41
490	19-Jan-12	8	9	\$78.91	Yes	\$32.18	-\$46.73
491	19-Jan-12	8	10	\$34.06	Yes	\$32.18	-\$1.88
492	19-Jan-12	8	11	\$31.63	Yes	\$32.18	\$0.55
493	19-Jan-12	8	12	\$31.68	Yes	\$32.18	\$0.50

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494	19-Jan-12	9	1	\$34.29	Yes	\$32.18	-\$2.11
495	19-Jan-12	9	2	\$33.40	Yes	\$32.18	-\$1.22
496	19-Jan-12	9	3	\$32.99	Yes	\$32.18	-\$0.81
497	19-Jan-12	9	4	\$29.23	Yes	\$32.18	\$2.95
498	19-Jan-12	9	5	\$29.38	Yes	\$32.18	\$2.80
499	19-Jan-12	9	6	\$29.38	Yes	\$32.18	\$2.80
500	19-Jan-12	9	7	\$31.58	Yes	\$32.18	\$0.60
501	19-Jan-12	9	8	\$32.49	Yes	\$32.18	-\$0.31
502	19-Jan-12	9	9	\$32.17	Yes	\$32.18	\$0.01
503	19-Jan-12	9	10	\$31.41	Yes	\$32.18	\$0.77
504	19-Jan-12	9	11	\$30.97	Yes	\$32.18	\$1.21
505	19-Jan-12	9	12	\$29.43	Yes	\$32.18	\$2.75
506	19-Jan-12	10	1	\$29.67	Yes	\$32.18	\$2.51
507	19-Jan-12	10	2	\$28.93	Yes	\$32.18	\$3.25
508	19-Jan-12	10	3	\$29.70	Yes	\$32.18	\$2.48
509	19-Jan-12	10	4	\$29.05	Yes	\$32.18	\$3.13
510	19-Jan-12	10	5	\$29.05	Yes	\$32.18	\$3.13
511	19-Jan-12	10	6	\$29.63	Yes	\$32.18	\$2.55
512	19-Jan-12	10	7	\$30.01	Yes	\$32.18	\$2.17
513	19-Jan-12	10	8	\$29.85	Yes	\$32.18	\$2.33
514	19-Jan-12	10	9	\$30.07	Yes	\$32.18	\$2.11
515	19-Jan-12	10	10	\$29.80	Yes	\$32.18	\$2.38
516	19-Jan-12	10	11	\$29.99	Yes	\$32.18	\$2.19
517	19-Jan-12	10	12	\$29.90	Yes	\$32.18	\$2.28
518	19-Jan-12	11	1	\$30.74	Yes	\$32.18	\$1.44
519	19-Jan-12	11	2	\$30.59	Yes	\$32.18	\$1.59
520	19-Jan-12	11	3	\$30.71	Yes	\$32.18	\$1.47
521	19-Jan-12	11	4	\$31.04	Yes	\$32.18	\$1.14
522	19-Jan-12	11	5	\$31.06	Yes	\$32.18	\$1.12
523	19-Jan-12	11	6	\$31.04	Yes	\$32.18	\$1.14
524	19-Jan-12	11	7	\$30.99	Yes	\$32.18	\$1.19
525	19-Jan-12	11	8	\$31.08	Yes	\$32.18	\$1.10
526	19-Jan-12	11	9	\$31.08	Yes	\$32.18	\$1.10
527	19-Jan-12	11	10	\$30.97	Yes	\$32.18	\$1.21
528	19-Jan-12	11	11	\$31.71	Yes	\$32.18	\$0.47
529	19-Jan-12	11	12	\$31.71	Yes	\$32.18	\$0.47
530	19-Jan-12	12	1	\$32.00	Yes	\$32.18	\$0.18
531	19-Jan-12	12	2	\$31.81	Yes	\$32.18	\$0.37
532	19-Jan-12	12	3	\$31.75	Yes	\$32.18	\$0.43
533	19-Jan-12	12	4	\$31.48	Yes	\$32.18	\$0.70
534	19-Jan-12	12	5	\$31.48	Yes	\$32.18	\$0.70
535	19-Jan-12	12	6	\$31.48	Yes	\$32.18	\$0.70
536	19-Jan-12	12	7	\$31.45	Yes	\$32.18	\$0.73
537	19-Jan-12	12	8	\$31.76	Yes	\$32.18	\$0.42
538	19-Jan-12	12	9	\$31.47	Yes	\$32.18	\$0.71

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
539	19-Jan-12	12	10	\$30.27	Yes	\$32.18	\$1.91
540	19-Jan-12	12	11	\$30.27	Yes	\$32.18	\$1.91
541	19-Jan-12	12	12	\$29.69	Yes	\$32.18	\$2.49
542	19-Jan-12	13	1	\$35.79	Yes	\$32.18	-\$3.61
543	19-Jan-12	13	2	\$34.67	Yes	\$32.18	-\$2.49
544	19-Jan-12	13	3	\$38.27	Yes	\$32.18	-\$6.09
545	19-Jan-12	13	4	\$40.25	Yes	\$32.18	-\$8.07
546	19-Jan-12	13	5	\$37.54	Yes	\$32.18	-\$5.36
547	19-Jan-12	13	6	\$35.34	Yes	\$32.18	-\$3.16
548	19-Jan-12	13	7	\$35.35	Yes	\$32.18	-\$3.17
549	19-Jan-12	13	8	\$33.38	Yes	\$32.18	-\$1.20
550	19-Jan-12	13	9	\$33.36	Yes	\$32.18	-\$1.18
551	19-Jan-12	13	10	\$33.82	Yes	\$32.18	-\$1.64
552	19-Jan-12	13	11	\$34.32	Yes	\$32.18	-\$2.14
553	19-Jan-12	13	12	\$35.00	Yes	\$32.18	-\$2.82
554	19-Jan-12	14	1	\$31.10	Yes	\$32.18	\$1.08
555	19-Jan-12	14	2	\$31.10	Yes	\$32.18	\$1.08
556	19-Jan-12	14	3	\$31.65	Yes	\$32.18	\$0.53
557	19-Jan-12	14	4	\$30.38	Yes	\$32.18	\$1.80
558	19-Jan-12	14	5	\$30.30	Yes	\$32.18	\$1.88
559	19-Jan-12	14	6	\$30.38	Yes	\$32.18	\$1.80
560	19-Jan-12	14	7	\$30.63	Yes	\$32.18	\$1.55
561	19-Jan-12	14	8	\$33.63	Yes	\$32.18	-\$1.45
562	19-Jan-12	14	9	\$33.77	Yes	\$32.18	-\$1.59
563	19-Jan-12	14	10	\$32.13	Yes	\$32.18	\$0.05
564	19-Jan-12	14	11	\$29.35	Yes	\$32.18	\$2.83
565	19-Jan-12	14	12	\$29.32	Yes	\$32.18	\$2.86
566	19-Jan-12	15	1	\$40.90	Yes	\$32.18	-\$8.72
567	19-Jan-12	15	2	\$35.52	Yes	\$32.18	-\$3.34
568	19-Jan-12	15	3	\$32.13	Yes	\$32.18	\$0.05
569	19-Jan-12	15	4	\$33.33	Yes	\$32.18	-\$1.15
570	19-Jan-12	15	5	\$31.71	Yes	\$32.18	\$0.47
571	19-Jan-12	15	6	\$31.61	Yes	\$32.18	\$0.57
572	19-Jan-12	15	7	\$31.39	Yes	\$32.18	\$0.79
573	19-Jan-12	15	8	\$32.12	Yes	\$32.18	\$0.06
574	19-Jan-12	15	9	\$32.12	Yes	\$32.18	\$0.06
575	19-Jan-12	15	10	\$34.53	Yes	\$32.18	-\$2.35
576	19-Jan-12	15	11	\$34.29	Yes	\$32.18	-\$2.11
577	19-Jan-12	15	12	\$34.40	Yes	\$32.18	-\$2.22
578	19-Jan-12	16	1	\$30.72	Yes	\$32.18	\$1.46
579	19-Jan-12	16	2	\$30.64	Yes	\$32.18	\$1.54
580	19-Jan-12	16	3	\$30.55	Yes	\$32.18	\$1.63
581	19-Jan-12	16	4	\$30.93	Yes	\$32.18	\$1.25
582	19-Jan-12	16	5	\$30.93	Yes	\$32.18	\$1.25
583	19-Jan-12	16	6	\$30.93	Yes	\$32.18	\$1.25

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
584	19-Jan-12	16	7	\$30.92	Yes	\$32.18	\$1.26
585	19-Jan-12	16	8	\$30.61	Yes	\$32.18	\$1.57
586	19-Jan-12	16	9	\$30.67	Yes	\$32.18	\$1.51
587	19-Jan-12	16	10	\$31.06	Yes	\$32.18	\$1.12
588	19-Jan-12	16	11	\$31.27	Yes	\$32.18	\$0.91
589	19-Jan-12	16	12	\$31.94	Yes	\$32.18	\$0.24
590	19-Jan-12	17	1	\$30.32	Yes	\$32.18	\$1.86
591	19-Jan-12	17	2	\$30.48	Yes	\$32.18	\$1.70
592	19-Jan-12	17	3	\$30.62	Yes	\$32.18	\$1.56
593	19-Jan-12	17	4	\$30.89	Yes	\$32.18	\$1.29
594	19-Jan-12	17	5	\$30.01	Yes	\$32.18	\$2.17
595	19-Jan-12	17	6	\$30.87	Yes	\$32.18	\$1.31
596	19-Jan-12	17	7	\$30.46	Yes	\$32.18	\$1.72
597	19-Jan-12	17	8	\$32.12	Yes	\$32.18	\$0.06
598	19-Jan-12	17	9	\$32.12	Yes	\$32.18	\$0.06
599	19-Jan-12	17	10	\$31.41	Yes	\$32.18	\$0.77
600	19-Jan-12	17	11	\$32.14	Yes	\$32.18	\$0.04
601	19-Jan-12	17	12	\$37.03	Yes	\$32.18	-\$4.85
602	19-Jan-12	18	1	\$29.24	Yes	\$32.18	\$2.94
603	19-Jan-12	18	2	\$27.18	Yes	\$32.18	\$5.00
604	19-Jan-12	18	3	\$28.25	Yes	\$32.18	\$3.93
605	19-Jan-12	18	4	\$29.00	Yes	\$32.18	\$3.18
606	19-Jan-12	18	5	\$31.83	Yes	\$32.18	\$0.35
607	19-Jan-12	18	6	\$34.74	Yes	\$32.18	-\$2.56
608	19-Jan-12	18	7	\$36.78	Yes	\$32.18	-\$4.60
609	19-Jan-12	18	7	\$36.78	Yes	\$32.18	-\$4.60
610	19-Jan-12	18	8	\$42.07	Yes	\$32.18	-\$9.89
611	19-Jan-12	18	8	\$42.07	Yes	\$32.18	-\$9.89
612	19-Jan-12	18	9	\$69.03	Yes	\$32.18	-\$36.85
613	19-Jan-12	18	9	\$69.03	Yes	\$32.18	-\$36.85
614	19-Jan-12	18	10	\$34.66	Yes	\$32.18	-\$2.48
615	19-Jan-12	18	10	\$34.66	Yes	\$32.18	-\$2.48
616	19-Jan-12	18	11	\$39.24	Yes	\$32.18	-\$7.06
617	19-Jan-12	18	11	\$39.24	Yes	\$32.18	-\$7.06
618	19-Jan-12	18	12	\$39.91	Yes	\$32.18	-\$7.73
619	19-Jan-12	18	12	\$39.91	Yes	\$32.18	-\$7.73
620	19-Jan-12	19	1	\$39.89	Yes	\$32.18	-\$7.71
621	19-Jan-12	19	2	\$39.89	Yes	\$32.18	-\$7.71
622	19-Jan-12	19	3	\$39.89	Yes	\$32.18	-\$7.71
623	19-Jan-12	19	4	\$36.73	Yes	\$32.18	-\$4.55
624	19-Jan-12	19	5	\$36.74	Yes	\$32.18	-\$4.56
625	19-Jan-12	19	6	\$33.57	Yes	\$32.18	-\$1.39
626	19-Jan-12	19	7	\$33.56	Yes	\$32.18	-\$1.38
627	19-Jan-12	19	8	\$33.54	Yes	\$32.18	-\$1.36
628	19-Jan-12	19	9	\$34.25	Yes	\$32.18	-\$2.07

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
629	19-Jan-12	19	10	\$34.06	Yes	\$32.18	-\$1.88
630	19-Jan-12	19	11	\$34.02	Yes	\$32.18	-\$1.84
631	19-Jan-12	19	12	\$33.39	Yes	\$32.18	-\$1.21
632	19-Jan-12	20	1	\$38.00	Yes	\$32.18	-\$5.82
633	19-Jan-12	20	2	\$41.63	Yes	\$32.18	-\$9.45
634	19-Jan-12	20	3	\$41.63	Yes	\$32.18	-\$9.45
635	19-Jan-12	20	4	\$42.74	Yes	\$32.18	-\$10.56
636	19-Jan-12	20	5	\$41.73	Yes	\$32.18	-\$9.55
637	19-Jan-12	20	6	\$38.12	Yes	\$32.18	-\$5.94
638	19-Jan-12	20	7	\$38.07	Yes	\$32.18	-\$5.89
639	19-Jan-12	20	8	\$38.39	Yes	\$32.18	-\$6.21
640	19-Jan-12	20	9	\$40.20	Yes	\$32.18	-\$8.02
641	19-Jan-12	20	10	\$40.26	Yes	\$32.18	-\$8.08
642	19-Jan-12	20	10	\$40.26	Yes	\$32.18	-\$8.08
643	19-Jan-12	20	11	\$36.44	Yes	\$32.18	-\$4.26
644	19-Jan-12	20	11	\$36.44	Yes	\$32.18	-\$4.26
645	19-Jan-12	20	12	\$34.13	Yes	\$32.18	-\$1.95
646	19-Jan-12	20	12	\$34.13	Yes	\$32.18	-\$1.95
647	19-Jan-12	21	1	\$41.63	Yes	\$32.18	-\$9.45
648	19-Jan-12	21	2	\$38.72	Yes	\$32.18	-\$6.54
649	19-Jan-12	21	3	\$34.05	Yes	\$32.18	-\$1.87
650	19-Jan-12	21	4	\$33.16	Yes	\$32.18	-\$0.98
651	19-Jan-12	21	5	\$31.46	Yes	\$32.18	\$0.72
652	19-Jan-12	21	6	\$29.67	Yes	\$32.18	\$2.51
653	19-Jan-12	21	7	\$29.14	Yes	\$32.18	\$3.04
654	19-Jan-12	21	8	\$31.30	Yes	\$32.18	\$0.88
655	19-Jan-12	21	8	\$31.30	Yes	\$32.18	\$0.88
656	19-Jan-12	21	9	\$29.70	Yes	\$32.18	\$2.48
657	19-Jan-12	21	9	\$29.70	Yes	\$32.18	\$2.48
658	19-Jan-12	21	10	\$29.02	Yes	\$32.18	\$3.16
659	19-Jan-12	21	10	\$29.02	Yes	\$32.18	\$3.16
660	19-Jan-12	21	11	\$29.02	Yes	\$32.18	\$3.16
661	19-Jan-12	21	11	\$29.02	Yes	\$32.18	\$3.16
662	19-Jan-12	21	11	\$29.02	Yes	\$32.18	\$3.16
663	19-Jan-12	21	12	\$29.02	Yes	\$32.18	\$3.16
664	19-Jan-12	21	12	\$29.02	Yes	\$32.18	\$3.16
665	19-Jan-12	21	12	\$29.02	Yes	\$32.18	\$3.16
666	19-Jan-12	22	1	\$32.08	Yes	\$32.18	\$0.10
667	19-Jan-12	22	2	\$31.44	Yes	\$32.18	\$0.74
668	19-Jan-12	22	3	\$31.40	Yes	\$32.18	\$0.78
669	19-Jan-12	22	4	\$29.24	Yes	\$32.18	\$2.94
670	19-Jan-12	22	5	\$28.83	Yes	\$32.18	\$3.35
671	19-Jan-12	22	6	\$31.71	Yes	\$32.18	\$0.47
672	19-Jan-12	22	7	\$29.12	Yes	\$32.18	\$3.06
673	19-Jan-12	22	8	\$28.77	Yes	\$32.18	\$3.41

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
674	19-Jan-12	22	9	\$29.33	Yes	\$32.18	\$2.85
675	19-Jan-12	22	10	\$30.28	Yes	\$32.18	\$1.90
676	19-Jan-12	22	11	\$29.05	Yes	\$32.18	\$3.13
677	19-Jan-12	22	12	\$29.05	Yes	\$32.18	\$3.13
678	20-Jan-12	18	5	\$24.54	Yes	\$31.10	\$6.56
679	20-Jan-12	18	6	\$25.68	Yes	\$31.10	\$5.42
680	20-Jan-12	18	7	\$28.02	Yes	\$31.10	\$3.08
681	20-Jan-12	18	8	\$29.79	Yes	\$31.10	\$1.31
682	20-Jan-12	18	9	\$29.79	Yes	\$31.10	\$1.31
683	20-Jan-12	18	10	\$29.49	Yes	\$31.10	\$1.61
684	20-Jan-12	18	11	\$33.38	Yes	\$31.10	-\$2.28
685	20-Jan-12	18	12	\$36.51	Yes	\$31.10	-\$5.41
686	20-Jan-12	19	1	\$34.49	Yes	\$31.10	-\$3.39
687	20-Jan-12	19	2	\$37.61	Yes	\$31.10	-\$6.51
688	20-Jan-12	19	3	\$34.49	Yes	\$31.10	-\$3.39
689	20-Jan-12	19	4	\$34.36	Yes	\$31.10	-\$3.26
690	20-Jan-12	19	5	\$33.49	Yes	\$31.10	-\$2.39
691	20-Jan-12	19	6	\$33.37	Yes	\$31.10	-\$2.27
692	20-Jan-12	19	7	\$31.02	Yes	\$31.10	\$0.08
693	20-Jan-12	19	8	\$33.33	Yes	\$31.10	-\$2.23
694	20-Jan-12	19	9	\$29.58	Yes	\$31.10	\$1.52
695	20-Jan-12	19	10	\$29.56	Yes	\$31.10	\$1.54
696	20-Jan-12	19	11	\$29.56	Yes	\$31.10	\$1.54
697	20-Jan-12	19	12	\$29.56	Yes	\$31.10	\$1.54
698	20-Jan-12	20	1	\$31.17	Yes	\$31.10	-\$0.07
699	20-Jan-12	20	2	\$32.16	Yes	\$31.10	-\$1.06
700	20-Jan-12	20	3	\$33.78	Yes	\$31.10	-\$2.68
701	20-Jan-12	20	4	\$36.36	Yes	\$31.10	-\$5.26
702	20-Jan-12	20	5	\$48.21	Yes	\$31.10	-\$17.11
703	20-Jan-12	20	6	\$41.54	Yes	\$31.10	-\$10.44
704	20-Jan-12	20	6	\$41.54	Yes	\$31.10	-\$10.44
705	20-Jan-12	20	7	\$33.61	Yes	\$31.10	-\$2.51
706	20-Jan-12	20	7	\$33.61	Yes	\$31.10	-\$2.51
707	20-Jan-12	20	8	\$51.87	Yes	\$31.10	-\$20.77
708	20-Jan-12	20	8	\$51.87	Yes	\$31.10	-\$20.77
709	20-Jan-12	20	9	\$36.30	Yes	\$31.10	-\$5.20
710	20-Jan-12	20	9	\$36.30	Yes	\$31.10	-\$5.20
711	20-Jan-12	20	10	\$34.50	Yes	\$31.10	-\$3.40
712	20-Jan-12	20	10	\$34.50	Yes	\$31.10	-\$3.40
713	20-Jan-12	20	11	\$32.20	Yes	\$31.10	-\$1.10
714	20-Jan-12	20	11	\$32.20	Yes	\$31.10	-\$1.10
715	20-Jan-12	20	12	\$31.02	Yes	\$31.10	\$0.08
716	20-Jan-12	20	12	\$31.02	Yes	\$31.10	\$0.08
717	20-Jan-12	21	1	\$29.55	Yes	\$31.10	\$1.55
718	20-Jan-12	21	2	\$29.45	Yes	\$31.10	\$1.65

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
719	20-Jan-12	21	3	\$31.02	Yes	\$31.10	\$0.08
720	20-Jan-12	21	4	\$29.26	Yes	\$31.10	\$1.84
721	20-Jan-12	21	5	\$26.76	Yes	\$31.10	\$4.34
722	20-Jan-12	21	6	\$26.76	Yes	\$31.10	\$4.34
723	20-Jan-12	21	7	\$26.70	Yes	\$31.10	\$4.40
724	20-Jan-12	21	8	\$25.18	Yes	\$31.10	\$5.92
725	20-Jan-12	21	9	\$25.66	Yes	\$31.10	\$5.44
726	20-Jan-12	21	10	\$24.09	Yes	\$31.10	\$7.01
727	20-Jan-12	21	11	\$23.09	Yes	\$31.10	\$8.01
728	20-Jan-12	21	12	\$23.09	Yes	\$31.10	\$8.01
729	20-Jan-12	22	1	\$25.10	Yes	\$31.10	\$6.00
730	20-Jan-12	22	2	\$26.68	Yes	\$31.10	\$4.42
731	20-Jan-12	22	3	\$23.20	Yes	\$31.10	\$7.90
732	20-Jan-12	22	4	\$21.13	Yes	\$31.10	\$9.97
733	20-Jan-12	22	5	\$21.77	Yes	\$31.10	\$9.33
734	20-Jan-12	22	6	\$20.74	Yes	\$31.10	\$10.36
735	20-Jan-12	22	7	\$21.05	Yes	\$31.10	\$10.05
736	20-Jan-12	22	8	\$21.01	Yes	\$31.10	\$10.09
737	20-Jan-12	22	9	\$21.76	Yes	\$31.10	\$9.34
738	20-Jan-12	22	10	\$21.69	Yes	\$31.10	\$9.41
739	20-Jan-12	22	11	\$20.72	Yes	\$31.10	\$10.38
740	20-Jan-12	22	12	\$22.39	Yes	\$31.10	\$8.71
741	21-Jan-12	18	11	\$23.02	Yes	\$30.58	\$7.56
742	21-Jan-12	18	12	\$22.34	Yes	\$30.58	\$8.24
743	21-Jan-12	19	1	\$24.28	Yes	\$30.58	\$6.30
744	21-Jan-12	19	2	\$25.90	Yes	\$30.58	\$4.68
745	21-Jan-12	19	3	\$25.90	Yes	\$30.58	\$4.68
746	21-Jan-12	19	4	\$27.80	Yes	\$30.58	\$2.78
747	21-Jan-12	19	5	\$26.74	Yes	\$30.58	\$3.84
748	21-Jan-12	19	6	\$26.70	Yes	\$30.58	\$3.88
749	21-Jan-12	19	6	\$26.70	Yes	\$30.58	\$3.88
750	21-Jan-12	19	7	\$26.29	Yes	\$30.58	\$4.29
751	21-Jan-12	19	7	\$26.29	Yes	\$30.58	\$4.29
752	21-Jan-12	19	8	\$25.92	Yes	\$30.58	\$4.66
753	21-Jan-12	19	8	\$25.92	Yes	\$30.58	\$4.66
754	21-Jan-12	19	9	\$25.30	Yes	\$30.58	\$5.28
755	21-Jan-12	19	9	\$25.30	Yes	\$30.58	\$5.28
756	21-Jan-12	19	10	\$24.15	Yes	\$30.58	\$6.43
757	21-Jan-12	19	10	\$24.15	Yes	\$30.58	\$6.43
758	21-Jan-12	19	11	\$24.00	Yes	\$30.58	\$6.58
759	21-Jan-12	19	11	\$24.00	Yes	\$30.58	\$6.58
760	21-Jan-12	19	12	\$23.97	Yes	\$30.58	\$6.61
761	21-Jan-12	19	12	\$23.97	Yes	\$30.58	\$6.61
762	21-Jan-12	20	1	\$24.46	Yes	\$30.58	\$6.12
763	21-Jan-12	20	2	\$25.22	Yes	\$30.58	\$5.36

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
764	21-Jan-12	20	3	\$25.50	Yes	\$30.58	\$5.08
765	21-Jan-12	20	4	\$25.49	Yes	\$30.58	\$5.09
766	21-Jan-12	20	5	\$26.28	Yes	\$30.58	\$4.30
767	21-Jan-12	20	6	\$26.28	Yes	\$30.58	\$4.30
768	21-Jan-12	20	7	\$26.29	Yes	\$30.58	\$4.29
769	21-Jan-12	20	8	\$25.08	Yes	\$30.58	\$5.50
770	21-Jan-12	20	9	\$25.08	Yes	\$30.58	\$5.50
771	21-Jan-12	20	10	\$25.28	Yes	\$30.58	\$5.30
772	21-Jan-12	20	11	\$25.28	Yes	\$30.58	\$5.30
773	21-Jan-12	20	12	\$25.28	Yes	\$30.58	\$5.30
774	21-Jan-12	21	1	\$22.42	Yes	\$30.58	\$8.16
775	21-Jan-12	21	2	\$24.37	Yes	\$30.58	\$6.21
776	21-Jan-12	21	3	\$24.50	Yes	\$30.58	\$6.08
777	21-Jan-12	21	4	\$23.62	Yes	\$30.58	\$6.96
778	21-Jan-12	21	5	\$23.62	Yes	\$30.58	\$6.96
779	21-Jan-12	21	6	\$24.16	Yes	\$30.58	\$6.42
780	21-Jan-12	21	7	\$24.18	Yes	\$30.58	\$6.40
781	21-Jan-12	21	8	\$24.04	Yes	\$30.58	\$6.54
782	21-Jan-12	21	9	\$24.00	Yes	\$30.58	\$6.58
783	21-Jan-12	21	10	\$24.00	Yes	\$30.58	\$6.58
784	21-Jan-12	21	11	\$24.00	Yes	\$30.58	\$6.58
785	21-Jan-12	21	12	\$21.41	Yes	\$30.58	\$9.17
786	21-Jan-12	22	1	\$25.35	Yes	\$30.58	\$5.23
787	21-Jan-12	22	2	\$24.14	Yes	\$30.58	\$6.44
788	21-Jan-12	22	3	\$25.25	Yes	\$30.58	\$5.33
789	21-Jan-12	22	4	\$24.29	Yes	\$30.58	\$6.29
790	21-Jan-12	22	5	\$24.14	Yes	\$30.58	\$6.44
791	21-Jan-12	22	6	\$24.02	Yes	\$30.58	\$6.56
792	21-Jan-12	22	7	\$21.26	Yes	\$30.58	\$9.32
793	21-Jan-12	22	8	\$19.27	Yes	\$30.58	\$11.31
794	21-Jan-12	22	9	\$19.27	Yes	\$30.58	\$11.31
795	21-Jan-12	22	10	\$19.88	Yes	\$30.58	\$10.70
796	21-Jan-12	22	11	\$19.29	Yes	\$30.58	\$11.29
797	21-Jan-12	22	12	\$18.66	Yes	\$30.58	\$11.92
798	22-Jan-12	18	2	\$15.91	Yes	\$30.58	\$14.67
799	22-Jan-12	18	3	\$16.04	Yes	\$30.58	\$14.54
800	22-Jan-12	18	4	\$17.28	Yes	\$30.58	\$13.30
801	22-Jan-12	18	5	\$16.96	Yes	\$30.58	\$13.62
802	22-Jan-12	18	5	\$16.96	Yes	\$30.58	\$13.62
803	22-Jan-12	18	6	\$17.28	Yes	\$30.58	\$13.30
804	22-Jan-12	18	6	\$17.28	Yes	\$30.58	\$13.30
805	22-Jan-12	18	7	\$21.39	Yes	\$30.58	\$9.19
806	22-Jan-12	18	7	\$21.39	Yes	\$30.58	\$9.19
807	22-Jan-12	18	8	\$26.43	Yes	\$30.58	\$4.15
808	22-Jan-12	18	8	\$26.43	Yes	\$30.58	\$4.15

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
809	22-Jan-12	18	9	\$26.68	Yes	\$30.58	\$3.90
810	22-Jan-12	18	9	\$26.68	Yes	\$30.58	\$3.90
811	22-Jan-12	18	10	\$25.02	Yes	\$30.58	\$5.56
812	22-Jan-12	18	10	\$25.02	Yes	\$30.58	\$5.56
813	22-Jan-12	18	11	\$26.33	Yes	\$30.58	\$4.25
814	22-Jan-12	18	11	\$26.33	Yes	\$30.58	\$4.25
815	22-Jan-12	18	12	\$26.33	Yes	\$30.58	\$4.25
816	22-Jan-12	18	12	\$26.33	Yes	\$30.58	\$4.25
817	22-Jan-12	19	1	\$26.08	Yes	\$30.58	\$4.50
818	22-Jan-12	19	2	\$25.17	Yes	\$30.58	\$5.41
819	22-Jan-12	19	3	\$25.17	Yes	\$30.58	\$5.41
820	22-Jan-12	19	4	\$25.12	Yes	\$30.58	\$5.46
821	22-Jan-12	19	5	\$25.12	Yes	\$30.58	\$5.46
822	22-Jan-12	19	6	\$24.95	Yes	\$30.58	\$5.63
823	22-Jan-12	19	7	\$17.05	Yes	\$30.58	\$13.53
824	22-Jan-12	19	8	\$15.92	Yes	\$30.58	\$14.66
825	22-Jan-12	19	9	\$16.88	Yes	\$30.58	\$13.70
826	22-Jan-12	19	10	\$23.10	Yes	\$30.58	\$7.48
827	22-Jan-12	19	11	\$21.26	Yes	\$30.58	\$9.32
828	22-Jan-12	19	12	\$21.34	Yes	\$30.58	\$9.24
829	22-Jan-12	20	1	\$21.25	Yes	\$30.58	\$9.33
830	22-Jan-12	20	2	\$21.84	Yes	\$30.58	\$8.74
831	22-Jan-12	20	3	\$21.36	Yes	\$30.58	\$9.22
832	22-Jan-12	20	4	\$15.90	Yes	\$30.58	\$14.68
833	22-Jan-12	20	5	\$18.75	Yes	\$30.58	\$11.83
834	22-Jan-12	20	6	\$21.26	Yes	\$30.58	\$9.32
835	22-Jan-12	20	7	\$24.12	Yes	\$30.58	\$6.46
836	22-Jan-12	20	8	\$21.21	Yes	\$30.58	\$9.37
837	22-Jan-12	20	9	\$21.80	Yes	\$30.58	\$8.78
838	22-Jan-12	20	10	\$18.98	Yes	\$30.58	\$11.60
839	22-Jan-12	20	11	\$20.77	Yes	\$30.58	\$9.81
840	22-Jan-12	20	12	\$24.26	Yes	\$30.58	\$6.32
841	22-Jan-12	23	3	\$26.48	Yes	\$30.58	\$4.10
842	22-Jan-12	23	4	\$35.87	Yes	\$30.58	-\$5.29
843	22-Jan-12	23	5	\$46.32	Yes	\$30.58	-\$15.74
844	22-Jan-12	23	6	\$46.32	Yes	\$30.58	-\$15.74
845	22-Jan-12	23	7	\$26.87	Yes	\$30.58	\$3.71
846	22-Jan-12	23	8	\$15.15	Yes	\$30.58	\$15.43
847	22-Jan-12	23	8	\$15.15	Yes	\$30.58	\$15.43
848	22-Jan-12	23	9	\$15.66	Yes	\$30.58	\$14.92
849	22-Jan-12	23	9	\$15.66	Yes	\$30.58	\$14.92
850	22-Jan-12	23	10	\$16.98	Yes	\$30.58	\$13.60
851	22-Jan-12	23	10	\$16.98	Yes	\$30.58	\$13.60
852	22-Jan-12	23	11	\$18.37	Yes	\$30.58	\$12.21
853	22-Jan-12	23	12	\$18.37	Yes	\$30.58	\$12.21

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
854	22-Jan-12	24	1	\$24.05	Yes	\$30.58	\$6.53
855	22-Jan-12	24	2	\$24.05	Yes	\$30.58	\$6.53
856	22-Jan-12	24	2	\$24.05	Yes	\$30.58	\$6.53
857	22-Jan-12	24	3	\$24.05	Yes	\$30.58	\$6.53
858	22-Jan-12	24	3	\$24.05	Yes	\$30.58	\$6.53
859	22-Jan-12	24	4	\$22.44	Yes	\$30.58	\$8.14
860	22-Jan-12	24	4	\$22.44	Yes	\$30.58	\$8.14
861	22-Jan-12	24	5	\$22.80	Yes	\$30.58	\$7.78
862	22-Jan-12	24	5	\$22.80	Yes	\$30.58	\$7.78
863	22-Jan-12	24	6	\$19.37	Yes	\$30.58	\$11.21
864	22-Jan-12	24	6	\$19.37	Yes	\$30.58	\$11.21
865	22-Jan-12	24	7	\$19.69	Yes	\$30.58	\$10.89
866	22-Jan-12	24	8	\$18.43	Yes	\$30.58	\$12.15
867	22-Jan-12	24	9	\$18.48	Yes	\$30.58	\$12.10
868	22-Jan-12	24	10	\$16.83	Yes	\$30.58	\$13.75
869	22-Jan-12	24	11	\$17.57	Yes	\$30.58	\$13.01
870	22-Jan-12	24	12	\$13.31	Yes	\$30.58	\$17.27
871	23-Jan-12	18	7	\$22.86	Yes	\$30.58	\$7.72
872	23-Jan-12	18	8	\$23.90	Yes	\$30.58	\$6.68
873	23-Jan-12	18	9	\$24.28	Yes	\$30.58	\$6.30
874	23-Jan-12	18	10	\$24.86	Yes	\$30.58	\$5.72
875	23-Jan-12	18	11	\$33.25	Yes	\$30.58	-\$2.67
876	23-Jan-12	18	12	\$35.06	Yes	\$30.58	-\$4.48
877	23-Jan-12	19	7	\$37.03	Yes	\$30.58	-\$6.45
878	23-Jan-12	19	8	\$29.89	Yes	\$30.58	\$0.69
879	23-Jan-12	19	9	\$28.17	Yes	\$30.58	\$2.41
880	23-Jan-12	19	10	\$28.48	Yes	\$30.58	\$2.10
881	23-Jan-12	19	10	\$28.48	Yes	\$30.58	\$2.10
882	23-Jan-12	19	11	\$27.15	Yes	\$30.58	\$3.43
883	23-Jan-12	19	11	\$27.15	Yes	\$30.58	\$3.43
884	23-Jan-12	19	12	\$27.27	Yes	\$30.58	\$3.31
885	23-Jan-12	19	12	\$27.27	Yes	\$30.58	\$3.31
886	23-Jan-12	20	1	\$33.85	Yes	\$30.58	-\$3.27
887	23-Jan-12	20	2	\$34.39	Yes	\$30.58	-\$3.81
888	23-Jan-12	20	3	\$34.05	Yes	\$30.58	-\$3.47
889	23-Jan-12	20	4	\$33.54	Yes	\$30.58	-\$2.96
890	23-Jan-12	20	5	\$32.96	Yes	\$30.58	-\$2.38
891	23-Jan-12	20	6	\$32.96	Yes	\$30.58	-\$2.38
892	23-Jan-12	20	7	\$32.12	Yes	\$30.58	-\$1.54
893	23-Jan-12	20	8	\$26.05	Yes	\$30.58	\$4.53
894	23-Jan-12	20	9	\$26.05	Yes	\$30.58	\$4.53
895	23-Jan-12	20	10	\$26.04	Yes	\$30.58	\$4.54
896	23-Jan-12	20	11	\$23.81	Yes	\$30.58	\$6.77
897	23-Jan-12	20	12	\$24.43	Yes	\$30.58	\$6.15
898	23-Jan-12	21	1	\$30.53	Yes	\$30.58	\$0.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
899	23-Jan-12	21	2	\$36.02	Yes	\$30.58	-\$5.44
900	23-Jan-12	21	3	\$36.02	Yes	\$30.58	-\$5.44
901	23-Jan-12	21	4	\$34.74	Yes	\$30.58	-\$4.16
902	23-Jan-12	21	5	\$28.73	Yes	\$30.58	\$1.85
903	23-Jan-12	21	6	\$29.54	Yes	\$30.58	\$1.04
904	23-Jan-12	21	7	\$27.09	Yes	\$30.58	\$3.49
905	23-Jan-12	21	8	\$23.03	Yes	\$30.58	\$7.55
906	23-Jan-12	21	9	\$22.38	Yes	\$30.58	\$8.20
907	23-Jan-12	21	10	\$22.13	Yes	\$30.58	\$8.45
908	23-Jan-12	21	11	\$21.11	Yes	\$30.58	\$9.47
909	23-Jan-12	21	12	\$21.11	Yes	\$30.58	\$9.47
910	23-Jan-12	22	1	\$26.42	Yes	\$30.58	\$4.16
911	23-Jan-12	22	2	\$26.22	Yes	\$30.58	\$4.36
912	23-Jan-12	22	3	\$25.85	Yes	\$30.58	\$4.73
913	23-Jan-12	22	4	\$25.45	Yes	\$30.58	\$5.13
914	23-Jan-12	22	5	\$25.45	Yes	\$30.58	\$5.13
915	23-Jan-12	22	6	\$25.45	Yes	\$30.58	\$5.13
916	23-Jan-12	22	7	\$25.38	Yes	\$30.58	\$5.20
917	23-Jan-12	22	8	\$24.51	Yes	\$30.58	\$6.07
918	23-Jan-12	22	9	\$24.44	Yes	\$30.58	\$6.14
919	23-Jan-12	22	10	\$23.54	Yes	\$30.58	\$7.04
920	23-Jan-12	22	11	\$21.84	Yes	\$30.58	\$8.74
921	23-Jan-12	22	12	\$19.24	Yes	\$30.58	\$11.34
922	23-Jan-12	23	1	\$19.24	Yes	\$30.58	\$11.34
923	23-Jan-12	23	2	\$23.48	Yes	\$30.58	\$7.10
924	23-Jan-12	23	3	\$19.16	Yes	\$30.58	\$11.42
925	23-Jan-12	23	4	\$21.04	Yes	\$30.58	\$9.54
926	23-Jan-12	23	5	\$24.19	Yes	\$30.58	\$6.39
927	23-Jan-12	23	6	\$23.46	Yes	\$30.58	\$7.12
928	23-Jan-12	23	7	\$19.18	Yes	\$30.58	\$11.40
929	23-Jan-12	23	8	\$16.17	Yes	\$30.58	\$14.41
930	23-Jan-12	23	9	\$16.17	Yes	\$30.58	\$14.41
931	24-Jan-12	18	9	\$32.19	Yes	\$31.82	-\$0.37
932	24-Jan-12	18	10	\$37.16	Yes	\$31.82	-\$5.34
933	24-Jan-12	18	11	\$36.78	Yes	\$31.82	-\$4.96
934	24-Jan-12	18	11	\$36.78	Yes	\$31.82	-\$4.96
935	24-Jan-12	18	12	\$31.03	Yes	\$31.82	\$0.79
936	24-Jan-12	18	12	\$31.03	Yes	\$31.82	\$0.79
937	24-Jan-12	19	1	\$30.21	Yes	\$31.82	\$1.61
938	24-Jan-12	19	1	\$30.21	Yes	\$31.82	\$1.61
939	24-Jan-12	19	2	\$27.58	Yes	\$31.82	\$4.24
940	24-Jan-12	19	2	\$27.58	Yes	\$31.82	\$4.24
941	24-Jan-12	19	3	\$31.72	Yes	\$31.82	\$0.10
942	24-Jan-12	19	4	\$30.03	Yes	\$31.82	\$1.79
943	24-Jan-12	19	5	\$26.87	Yes	\$31.82	\$4.95

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
944	24-Jan-12	19	6	\$26.87	Yes	\$31.82	\$4.95
945	24-Jan-12	19	7	\$26.06	Yes	\$31.82	\$5.76
946	24-Jan-12	19	8	\$26.05	Yes	\$31.82	\$5.77
947	24-Jan-12	19	9	\$26.91	Yes	\$31.82	\$4.91
948	24-Jan-12	19	10	\$29.31	Yes	\$31.82	\$2.51
949	24-Jan-12	19	11	\$25.92	Yes	\$31.82	\$5.90
950	24-Jan-12	19	12	\$22.39	Yes	\$31.82	\$9.43
951	24-Jan-12	20	1	\$25.62	Yes	\$31.82	\$6.20
952	24-Jan-12	20	2	\$34.51	Yes	\$31.82	-\$2.69
953	24-Jan-12	20	3	\$33.22	Yes	\$31.82	-\$1.40
954	24-Jan-12	20	4	\$31.77	Yes	\$31.82	\$0.05
955	24-Jan-12	20	5	\$32.29	Yes	\$31.82	-\$0.47
956	24-Jan-12	20	6	\$34.64	Yes	\$31.82	-\$2.82
957	24-Jan-12	20	7	\$32.72	Yes	\$31.82	-\$0.90
958	24-Jan-12	20	8	\$31.75	Yes	\$31.82	\$0.07
959	24-Jan-12	20	9	\$31.75	Yes	\$31.82	\$0.07
960	24-Jan-12	20	10	\$34.65	Yes	\$31.82	-\$2.83
961	24-Jan-12	20	11	\$33.81	Yes	\$31.82	-\$1.99
962	24-Jan-12	20	12	\$34.22	Yes	\$31.82	-\$2.40
963	24-Jan-12	21	1	\$39.30	Yes	\$31.82	-\$7.48
964	24-Jan-12	21	2	\$39.40	Yes	\$31.82	-\$7.58
965	24-Jan-12	21	3	\$955.38	Yes	\$31.82	-\$923.56
966	24-Jan-12	21	4	\$43.15	Yes	\$31.82	-\$11.33
967	24-Jan-12	21	5	\$34.78	Yes	\$31.82	-\$2.96
968	24-Jan-12	21	6	\$34.78	Yes	\$31.82	-\$2.96
969	24-Jan-12	21	7	\$25.73	Yes	\$31.82	\$6.09
970	24-Jan-12	21	8	\$24.81	Yes	\$31.82	\$7.01
971	24-Jan-12	21	9	\$25.62	Yes	\$31.82	\$6.20
972	24-Jan-12	21	10	\$24.62	Yes	\$31.82	\$7.20
973	24-Jan-12	21	11	\$23.73	Yes	\$31.82	\$8.09
974	24-Jan-12	21	12	\$23.58	Yes	\$31.82	\$8.24
975	25-Jan-12	18	12	\$30.34	Yes	\$33.08	\$2.74
976	25-Jan-12	19	1	\$24.71	Yes	\$33.08	\$8.37
977	25-Jan-12	19	2	\$24.31	Yes	\$33.08	\$8.77
978	25-Jan-12	19	2	\$24.31	Yes	\$33.08	\$8.77
979	25-Jan-12	19	3	\$24.31	Yes	\$33.08	\$8.77
980	25-Jan-12	19	3	\$24.31	Yes	\$33.08	\$8.77
981	25-Jan-12	19	4	\$24.39	Yes	\$33.08	\$8.69
982	25-Jan-12	19	4	\$24.39	Yes	\$33.08	\$8.69
983	25-Jan-12	19	5	\$24.61	Yes	\$33.08	\$8.47
984	25-Jan-12	19	5	\$24.61	Yes	\$33.08	\$8.47
985	25-Jan-12	19	6	\$23.42	Yes	\$33.08	\$9.66
986	25-Jan-12	19	6	\$23.42	Yes	\$33.08	\$9.66
987	25-Jan-12	19	7	\$23.41	Yes	\$33.08	\$9.67
988	25-Jan-12	19	7	\$23.41	Yes	\$33.08	\$9.67

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
989	25-Jan-12	19	8	\$22.49	Yes	\$33.08	\$10.59
990	25-Jan-12	19	8	\$22.49	Yes	\$33.08	\$10.59
991	25-Jan-12	19	9	\$22.87	Yes	\$33.08	\$10.21
992	25-Jan-12	19	9	\$22.87	Yes	\$33.08	\$10.21
993	25-Jan-12	19	10	\$21.80	Yes	\$33.08	\$11.28
994	25-Jan-12	19	10	\$21.80	Yes	\$33.08	\$11.28
995	25-Jan-12	19	11	\$22.72	Yes	\$33.08	\$10.36
996	25-Jan-12	19	11	\$22.72	Yes	\$33.08	\$10.36
997	25-Jan-12	19	12	\$21.80	Yes	\$33.08	\$11.28
998	25-Jan-12	19	12	\$21.80	Yes	\$33.08	\$11.28
999	25-Jan-12	20	1	\$23.11	Yes	\$33.08	\$9.97
1000	25-Jan-12	20	2	\$24.21	Yes	\$33.08	\$8.87
1001	25-Jan-12	20	3	\$22.89	Yes	\$33.08	\$10.19
1002	25-Jan-12	20	3	\$22.89	Yes	\$33.08	\$10.19
1003	25-Jan-12	20	4	\$23.62	Yes	\$33.08	\$9.46
1004	25-Jan-12	20	4	\$23.62	Yes	\$33.08	\$9.46
1005	25-Jan-12	20	5	\$21.89	Yes	\$33.08	\$11.19
1006	25-Jan-12	20	5	\$21.89	Yes	\$33.08	\$11.19
1007	25-Jan-12	20	6	\$21.94	Yes	\$33.08	\$11.14
1008	25-Jan-12	20	6	\$21.94	Yes	\$33.08	\$11.14
1009	25-Jan-12	20	7	\$21.87	Yes	\$33.08	\$11.21
1010	25-Jan-12	20	7	\$21.87	Yes	\$33.08	\$11.21
1011	25-Jan-12	20	8	\$21.65	Yes	\$33.08	\$11.43
1012	25-Jan-12	20	8	\$21.65	Yes	\$33.08	\$11.43
1013	25-Jan-12	20	9	\$21.47	Yes	\$33.08	\$11.61
1014	25-Jan-12	20	9	\$21.47	Yes	\$33.08	\$11.61
1015	25-Jan-12	20	10	\$21.51	Yes	\$33.08	\$11.57
1016	25-Jan-12	20	10	\$21.51	Yes	\$33.08	\$11.57
1017	25-Jan-12	20	11	\$21.51	Yes	\$33.08	\$11.57
1018	25-Jan-12	20	11	\$21.51	Yes	\$33.08	\$11.57
1019	25-Jan-12	20	12	\$21.11	Yes	\$33.08	\$11.97
1020	25-Jan-12	20	12	\$21.11	Yes	\$33.08	\$11.97
1021	25-Jan-12	21	1	\$21.19	Yes	\$33.08	\$11.89
1022	25-Jan-12	21	2	\$21.19	Yes	\$33.08	\$11.89
1023	25-Jan-12	21	3	\$21.15	Yes	\$33.08	\$11.93
1024	25-Jan-12	21	4	\$21.01	Yes	\$33.08	\$12.07
1025	25-Jan-12	21	5	\$19.51	Yes	\$33.08	\$13.57
1026	25-Jan-12	21	6	\$20.55	Yes	\$33.08	\$12.53
1027	25-Jan-12	21	7	\$20.48	Yes	\$33.08	\$12.60
1028	25-Jan-12	21	8	\$20.48	Yes	\$33.08	\$12.60
1029	25-Jan-12	21	9	\$19.46	Yes	\$33.08	\$13.62
1030	25-Jan-12	21	10	\$19.37	Yes	\$33.08	\$13.71
1031	25-Jan-12	21	11	\$19.36	Yes	\$33.08	\$13.72
1032	25-Jan-12	21	12	\$20.77	Yes	\$33.08	\$12.31
1033	25-Jan-12	22	1	\$22.48	Yes	\$33.08	\$10.60

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1034	25-Jan-12	22	2	\$22.48	Yes	\$33.08	\$10.60
1035	25-Jan-12	22	3	\$22.48	Yes	\$33.08	\$10.60
1036	25-Jan-12	22	4	\$22.21	Yes	\$33.08	\$10.87
1037	25-Jan-12	22	5	\$22.21	Yes	\$33.08	\$10.87
1038	25-Jan-12	22	6	\$20.00	Yes	\$33.08	\$13.08
1039	25-Jan-12	22	7	\$18.60	Yes	\$33.08	\$14.48
1040	25-Jan-12	22	8	\$20.90	Yes	\$33.08	\$12.18
1041	25-Jan-12	22	9	\$20.88	Yes	\$33.08	\$12.20
1042	25-Jan-12	22	10	\$20.44	Yes	\$33.08	\$12.64
1043	25-Jan-12	22	11	\$16.08	Yes	\$33.08	\$17.00
1044	25-Jan-12	22	12	\$19.53	Yes	\$33.08	\$13.55
1045	25-Jan-12	23	1	\$21.33	Yes	\$33.08	\$11.75
1046	25-Jan-12	23	2	\$23.88	Yes	\$33.08	\$9.20
1047	25-Jan-12	23	3	\$21.33	Yes	\$33.08	\$11.75
1048	25-Jan-12	23	4	\$21.01	Yes	\$33.08	\$12.07
1049	25-Jan-12	23	5	\$21.01	Yes	\$33.08	\$12.07
1050	25-Jan-12	23	6	\$21.01	Yes	\$33.08	\$12.07
1051	25-Jan-12	23	7	\$20.88	Yes	\$33.08	\$12.20
1052	25-Jan-12	23	8	\$20.77	Yes	\$33.08	\$12.31
1053	25-Jan-12	23	9	\$16.92	Yes	\$33.08	\$16.16
1054	25-Jan-12	23	10	\$19.30	Yes	\$33.08	\$13.78
1055	25-Jan-12	23	11	\$17.76	Yes	\$33.08	\$15.32
1056	25-Jan-12	23	12	\$28.35	Yes	\$33.08	\$4.73
1057	25-Jan-12	24	1	\$28.87	Yes	\$33.08	\$4.21
1058	25-Jan-12	24	2	\$31.84	Yes	\$33.08	\$1.24
1059	25-Jan-12	24	3	\$33.00	Yes	\$33.08	\$0.08
1060	25-Jan-12	24	4	\$31.83	Yes	\$33.08	\$1.25
1061	25-Jan-12	24	5	\$30.42	Yes	\$33.08	\$2.66
1062	25-Jan-12	24	6	\$27.62	Yes	\$33.08	\$5.46
1063	25-Jan-12	24	7	\$1,002.96	Yes	\$33.08	-\$969.88
1064	25-Jan-12	24	8	\$35.36	Yes	\$33.08	-\$2.28
1065	25-Jan-12	24	9	\$32.00	Yes	\$33.08	\$1.08
1066	25-Jan-12	24	10	\$27.63	Yes	\$33.08	\$5.45
1067	25-Jan-12	24	11	\$27.63	Yes	\$33.08	\$5.45
1068	25-Jan-12	24	12	\$32.29	Yes	\$33.08	\$0.79
1069	27-Jan-12	18	4	\$21.95	Yes	\$33.38	\$11.43
1070	27-Jan-12	18	5	\$21.95	Yes	\$33.38	\$11.43
1071	27-Jan-12	18	6	\$22.14	Yes	\$33.38	\$11.24
1072	27-Jan-12	18	7	\$24.87	Yes	\$33.38	\$8.51
1073	27-Jan-12	18	8	\$33.34	Yes	\$33.38	\$0.04
1074	27-Jan-12	18	9	\$47.13	Yes	\$33.38	-\$13.75
1075	27-Jan-12	18	10	\$37.40	Yes	\$33.38	-\$4.02
1076	27-Jan-12	18	11	\$34.52	Yes	\$33.38	-\$1.14
1077	27-Jan-12	18	12	\$34.52	Yes	\$33.38	-\$1.14
1078	27-Jan-12	19	1	\$38.42	Yes	\$33.38	-\$5.04

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1079	27-Jan-12	19	2	\$36.25	Yes	\$33.38	-\$2.87
1080	27-Jan-12	19	3	\$36.92	Yes	\$33.38	-\$3.54
1081	27-Jan-12	19	4	\$37.90	Yes	\$33.38	-\$4.52
1082	27-Jan-12	19	5	\$36.95	Yes	\$33.38	-\$3.57
1083	27-Jan-12	19	6	\$37.01	Yes	\$33.38	-\$3.63
1084	27-Jan-12	19	7	\$37.37	Yes	\$33.38	-\$3.99
1085	27-Jan-12	19	8	\$34.56	Yes	\$33.38	-\$1.18
1086	27-Jan-12	19	9	\$32.22	Yes	\$33.38	\$1.16
1087	27-Jan-12	19	10	\$33.29	Yes	\$33.38	\$0.09
1088	27-Jan-12	19	11	\$24.24	Yes	\$33.38	\$9.14
1089	27-Jan-12	19	12	\$21.97	Yes	\$33.38	\$11.41
1090	27-Jan-12	20	1	\$30.03	Yes	\$33.38	\$3.35
1091	27-Jan-12	20	2	\$33.29	Yes	\$33.38	\$0.09
1092	27-Jan-12	20	3	\$36.21	Yes	\$33.38	-\$2.83
1093	27-Jan-12	20	4	\$34.94	Yes	\$33.38	-\$1.56
1094	27-Jan-12	20	5	\$27.75	Yes	\$33.38	\$5.63
1095	27-Jan-12	20	6	\$24.05	Yes	\$33.38	\$9.33
1096	27-Jan-12	20	7	\$24.20	Yes	\$33.38	\$9.18
1097	27-Jan-12	20	8	\$21.81	Yes	\$33.38	\$11.57
1098	27-Jan-12	20	9	\$22.20	Yes	\$33.38	\$11.18
1099	27-Jan-12	20	10	\$24.23	Yes	\$33.38	\$9.15
1100	27-Jan-12	20	11	\$34.50	Yes	\$33.38	-\$1.12
1101	27-Jan-12	20	12	\$29.59	Yes	\$33.38	\$3.79
1102	27-Jan-12	21	1	\$22.10	Yes	\$33.38	\$11.28
1103	27-Jan-12	21	2	\$22.25	Yes	\$33.38	\$11.13
1104	27-Jan-12	21	3	\$22.41	Yes	\$33.38	\$10.97
1105	27-Jan-12	21	4	\$24.25	Yes	\$33.38	\$9.13
1106	27-Jan-12	21	5	\$23.17	Yes	\$33.38	\$10.21
1107	27-Jan-12	21	6	\$23.99	Yes	\$33.38	\$9.39
1108	27-Jan-12	21	7	\$22.58	Yes	\$33.38	\$10.80
1109	27-Jan-12	21	8	\$22.70	Yes	\$33.38	\$10.68
1110	27-Jan-12	21	9	\$21.79	Yes	\$33.38	\$11.59
1111	27-Jan-12	21	10	\$21.56	Yes	\$33.38	\$11.82
1112	27-Jan-12	21	11	\$21.56	Yes	\$33.38	\$11.82
1113	27-Jan-12	21	12	\$21.56	Yes	\$33.38	\$11.82
1114	27-Jan-12	22	1	\$28.59	Yes	\$33.38	\$4.79
1115	27-Jan-12	22	2	\$29.42	Yes	\$33.38	\$3.96
1116	27-Jan-12	22	3	\$23.31	Yes	\$33.38	\$10.07
1117	27-Jan-12	22	4	\$21.98	Yes	\$33.38	\$11.40
1118	27-Jan-12	22	5	\$22.44	Yes	\$33.38	\$10.94
1119	27-Jan-12	22	6	\$22.28	Yes	\$33.38	\$11.10
1120	27-Jan-12	22	7	\$22.07	Yes	\$33.38	\$11.31
1121	27-Jan-12	22	8	\$22.20	Yes	\$33.38	\$11.18
1122	27-Jan-12	22	9	\$22.20	Yes	\$33.38	\$11.18
1123	27-Jan-12	22	10	\$21.54	Yes	\$33.38	\$11.84

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1124	27-Jan-12	22	11	\$21.49	Yes	\$33.38	\$11.89
1125	27-Jan-12	22	12	\$21.49	Yes	\$33.38	\$11.89

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	2-Jan-12	14	1	\$29.68	No	\$30.15	\$0.47
2	2-Jan-12	14	2	\$30.41	No	\$30.15	-\$0.26
3	2-Jan-12	14	3	\$29.68	No	\$30.15	\$0.47
4	2-Jan-12	14	4	\$29.67	No	\$30.15	\$0.48
5	2-Jan-12	14	5	\$29.17	No	\$30.15	\$0.98
6	2-Jan-12	14	6	\$29.17	No	\$30.15	\$0.98
7	2-Jan-12	14	7	\$29.16	No	\$30.15	\$0.99
8	2-Jan-12	14	8	\$28.74	No	\$30.15	\$1.41
9	2-Jan-12	14	9	\$29.35	No	\$30.15	\$0.80
10	2-Jan-12	14	10	\$29.34	No	\$30.15	\$0.81
11	2-Jan-12	14	11	\$29.95	No	\$30.15	\$0.20
12	2-Jan-12	14	12	\$27.39	No	\$30.15	\$2.76
13	2-Jan-12	15	1	\$29.75	No	\$30.15	\$0.40
14	2-Jan-12	15	2	\$29.31	No	\$30.15	\$0.84
15	2-Jan-12	15	3	\$29.31	No	\$30.15	\$0.84
16	2-Jan-12	15	4	\$29.32	No	\$30.15	\$0.83
17	2-Jan-12	15	5	\$29.32	No	\$30.15	\$0.83
18	2-Jan-12	15	6	\$30.38	No	\$30.15	-\$0.23
19	2-Jan-12	15	7	\$30.38	No	\$30.15	-\$0.23
20	2-Jan-12	15	8	\$31.59	No	\$30.15	-\$1.44
21	2-Jan-12	15	9	\$30.55	No	\$30.15	-\$0.40
22	2-Jan-12	15	10	\$30.53	No	\$30.15	-\$0.38
23	2-Jan-12	15	11	\$29.99	No	\$30.15	\$0.16
24	2-Jan-12	15	12	\$30.63	No	\$30.15	-\$0.48
25	2-Jan-12	16	1	\$29.72	No	\$30.15	\$0.43
26	2-Jan-12	16	2	\$30.92	No	\$30.15	-\$0.77
27	2-Jan-12	16	3	\$30.50	No	\$30.15	-\$0.35
28	2-Jan-12	16	4	\$31.14	No	\$30.15	-\$0.99
29	2-Jan-12	16	5	\$31.14	No	\$30.15	-\$0.99
30	2-Jan-12	16	6	\$31.16	No	\$30.15	-\$1.01
31	2-Jan-12	16	7	\$31.18	No	\$30.15	-\$1.03
32	2-Jan-12	16	8	\$31.60	No	\$30.15	-\$1.45
33	2-Jan-12	16	9	\$32.50	No	\$30.15	-\$2.35
34	2-Jan-12	16	10	\$32.36	No	\$30.15	-\$2.21
35	2-Jan-12	16	11	\$31.52	No	\$30.15	-\$1.37
36	2-Jan-12	16	12	\$29.81	No	\$30.15	\$0.34
37	2-Jan-12	17	1	\$23.84	No	\$30.15	\$6.31
38	2-Jan-12	17	2	\$23.61	No	\$30.15	\$6.54
39	2-Jan-12	17	3	\$21.38	No	\$30.15	\$8.77
40	2-Jan-12	17	4	\$23.77	No	\$30.15	\$6.38
41	2-Jan-12	17	5	\$23.86	No	\$30.15	\$6.29
42	2-Jan-12	17	6	\$24.04	No	\$30.15	\$6.11

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	2-Jan-12	17	7	\$24.00	No	\$30.15	\$6.15
44	2-Jan-12	17	8	\$24.02	No	\$30.15	\$6.13
45	2-Jan-12	17	9	\$26.32	No	\$30.15	\$3.83
46	2-Jan-12	17	10	\$26.16	No	\$30.15	\$3.99
47	2-Jan-12	17	11	\$26.35	No	\$30.15	\$3.80
48	2-Jan-12	17	12	\$27.16	No	\$30.15	\$2.99
49	2-Jan-12	18	1	\$23.95	No	\$30.15	\$6.20
50	2-Jan-12	18	2	\$23.95	No	\$30.15	\$6.20
51	2-Jan-12	18	3	\$24.38	No	\$30.15	\$5.77
52	2-Jan-12	18	4	\$25.58	No	\$30.15	\$4.57
53	2-Jan-12	18	5	\$31.67	No	\$30.15	-\$1.52
54	2-Jan-12	18	6	\$31.72	No	\$30.15	-\$1.57
55	2-Jan-12	18	7	\$31.76	No	\$30.15	-\$1.61
56	2-Jan-12	18	8	\$30.35	No	\$30.15	-\$0.20
57	2-Jan-12	18	9	\$30.77	No	\$30.15	-\$0.62
58	2-Jan-12	18	10	\$33.76	No	\$30.15	-\$3.61
59	2-Jan-12	18	11	\$33.81	No	\$30.15	-\$3.66
60	2-Jan-12	18	12	\$31.90	No	\$30.15	-\$1.75
61	2-Jan-12	19	1	\$29.18	No	\$30.15	\$0.97
62	2-Jan-12	19	2	\$29.38	No	\$30.15	\$0.77
63	2-Jan-12	19	3	\$29.27	No	\$30.15	\$0.88
64	2-Jan-12	19	4	\$31.62	No	\$30.15	-\$1.47
65	2-Jan-12	19	5	\$31.69	No	\$30.15	-\$1.54
66	2-Jan-12	19	6	\$31.69	No	\$30.15	-\$1.54
67	2-Jan-12	19	7	\$31.56	No	\$30.15	-\$1.41
68	2-Jan-12	19	8	\$31.52	No	\$30.15	-\$1.37
69	2-Jan-12	19	9	\$31.52	No	\$30.15	-\$1.37
70	2-Jan-12	19	10	\$29.11	No	\$30.15	\$1.04
71	2-Jan-12	19	11	\$29.11	No	\$30.15	\$1.04
72	2-Jan-12	19	12	\$30.62	No	\$30.15	-\$0.47
73	2-Jan-12	20	1	\$31.45	No	\$30.15	-\$1.30
74	2-Jan-12	20	2	\$31.56	No	\$30.15	-\$1.41
75	2-Jan-12	20	3	\$30.07	No	\$30.15	\$0.08
76	2-Jan-12	20	4	\$30.50	No	\$30.15	-\$0.35
77	2-Jan-12	20	5	\$30.36	No	\$30.15	-\$0.21
78	2-Jan-12	20	6	\$30.11	No	\$30.15	\$0.04
79	2-Jan-12	20	7	\$30.16	No	\$30.15	-\$0.01
80	2-Jan-12	20	8	\$29.34	No	\$30.15	\$0.81
81	2-Jan-12	20	9	\$29.14	No	\$30.15	\$1.01
82	2-Jan-12	20	10	\$27.46	No	\$30.15	\$2.69
83	2-Jan-12	20	11	\$26.62	No	\$30.15	\$3.53
84	2-Jan-12	20	12	\$28.81	No	\$30.15	\$1.34
85	2-Jan-12	21	1	\$29.38	No	\$30.15	\$0.77
86	2-Jan-12	21	2	\$28.93	No	\$30.15	\$1.22
87	2-Jan-12	21	3	\$28.72	No	\$30.15	\$1.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	2-Jan-12	21	4	\$27.38	No	\$30.15	\$2.77
89	2-Jan-12	21	5	\$26.47	No	\$30.15	\$3.68
90	2-Jan-12	21	6	\$27.38	No	\$30.15	\$2.77
91	2-Jan-12	21	7	\$28.85	No	\$30.15	\$1.30
92	2-Jan-12	21	8	\$28.78	No	\$30.15	\$1.37
93	2-Jan-12	21	9	\$27.46	No	\$30.15	\$2.69
94	2-Jan-12	21	10	\$28.66	No	\$30.15	\$1.49
95	2-Jan-12	21	11	\$27.22	No	\$30.15	\$2.93
96	2-Jan-12	21	12	\$26.25	No	\$30.15	\$3.90
97	2-Jan-12	22	1	\$29.84	No	\$30.15	\$0.31
98	2-Jan-12	22	2	\$28.55	No	\$30.15	\$1.60
99	2-Jan-12	22	3	\$27.40	No	\$30.15	\$2.75
100	2-Jan-12	22	4	\$27.57	No	\$30.15	\$2.58
101	2-Jan-12	22	5	\$27.36	No	\$30.15	\$2.79
102	2-Jan-12	22	6	\$28.62	No	\$30.15	\$1.53
103	2-Jan-12	22	7	\$27.41	No	\$30.15	\$2.74
104	2-Jan-12	22	8	\$27.40	No	\$30.15	\$2.75
105	2-Jan-12	22	9	\$24.29	No	\$30.15	\$5.86
106	2-Jan-12	22	10	\$24.30	No	\$30.15	\$5.85
107	2-Jan-12	22	11	\$24.31	No	\$30.15	\$5.84
108	2-Jan-12	22	12	\$24.59	No	\$30.15	\$5.56
109	2-Jan-12	23	1	\$29.28	No	\$30.15	\$0.87
110	2-Jan-12	23	2	\$30.95	No	\$30.15	-\$0.80
111	2-Jan-12	23	3	\$28.87	No	\$30.15	\$1.28
112	2-Jan-12	23	4	\$28.79	No	\$30.15	\$1.36
113	2-Jan-12	23	5	\$27.50	No	\$30.15	\$2.65
114	2-Jan-12	23	6	\$24.63	No	\$30.15	\$5.52
115	2-Jan-12	23	7	\$23.77	No	\$30.15	\$6.38
116	2-Jan-12	23	8	\$23.53	No	\$30.15	\$6.62
117	2-Jan-12	23	9	\$23.22	No	\$30.15	\$6.93
118	2-Jan-12	23	10	\$22.74	No	\$30.15	\$7.41
119	2-Jan-12	23	11	\$22.81	No	\$30.15	\$7.34
120	2-Jan-12	23	12	\$22.54	No	\$30.15	\$7.61
121	2-Jan-12	24	1	\$23.66	No	\$30.15	\$6.49
122	2-Jan-12	24	2	\$23.54	No	\$30.15	\$6.61
123	2-Jan-12	24	3	\$23.52	No	\$30.15	\$6.63
124	2-Jan-12	24	4	\$23.21	No	\$30.15	\$6.94
125	2-Jan-12	24	5	\$22.59	No	\$30.15	\$7.56
126	2-Jan-12	24	6	\$22.59	No	\$30.15	\$7.56
127	2-Jan-12	24	7	\$22.09	No	\$30.15	\$8.06
128	2-Jan-12	24	8	\$22.00	No	\$30.15	\$8.15
129	2-Jan-12	24	9	\$23.17	No	\$30.15	\$6.98
130	2-Jan-12	24	10	\$21.98	No	\$30.15	\$8.17
131	2-Jan-12	24	11	\$20.86	No	\$30.15	\$9.29
132	2-Jan-12	24	12	\$20.86	No	\$30.15	\$9.29

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	9-Jan-12	13	1	\$45.77	Yes	\$29.35	-\$16.42
134	9-Jan-12	13	2	\$44.73	Yes	\$29.35	-\$15.38
135	9-Jan-12	13	3	\$44.56	Yes	\$29.35	-\$15.21
136	9-Jan-12	13	4	\$40.00	Yes	\$29.35	-\$10.65
137	9-Jan-12	13	5	\$40.10	Yes	\$29.35	-\$10.75
138	9-Jan-12	13	6	\$44.84	Yes	\$29.35	-\$15.49
139	9-Jan-12	13	7	\$44.80	Yes	\$29.35	-\$15.45
140	9-Jan-12	13	8	\$44.90	Yes	\$29.35	-\$15.55
141	9-Jan-12	13	9	\$41.31	Yes	\$29.35	-\$11.96
142	9-Jan-12	13	10	\$40.35	Yes	\$29.35	-\$11.00
143	9-Jan-12	13	11	\$38.89	Yes	\$29.35	-\$9.54
144	9-Jan-12	13	12	\$38.69	Yes	\$29.35	-\$9.34
145	9-Jan-12	14	1	\$34.95	Yes	\$29.35	-\$5.60
146	9-Jan-12	14	2	\$31.79	Yes	\$29.35	-\$2.44
147	9-Jan-12	14	3	\$31.32	Yes	\$29.35	-\$1.97
148	9-Jan-12	14	4	\$31.32	Yes	\$29.35	-\$1.97
149	9-Jan-12	14	5	\$34.30	Yes	\$29.35	-\$4.95
150	9-Jan-12	14	6	\$34.30	Yes	\$29.35	-\$4.95
151	9-Jan-12	14	7	\$31.83	Yes	\$29.35	-\$2.48
152	9-Jan-12	14	8	\$33.68	Yes	\$29.35	-\$4.33
153	9-Jan-12	14	9	\$31.81	Yes	\$29.35	-\$2.46
154	9-Jan-12	14	10	\$31.81	Yes	\$29.35	-\$2.46
155	9-Jan-12	14	11	\$34.34	Yes	\$29.35	-\$4.99
156	9-Jan-12	14	12	\$35.03	Yes	\$29.35	-\$5.68
157	9-Jan-12	15	1	\$39.67	No	\$30.09	-\$9.58
158	9-Jan-12	15	2	\$39.72	No	\$30.09	-\$9.63
159	9-Jan-12	15	3	\$41.11	No	\$30.09	-\$11.02
160	9-Jan-12	15	4	\$41.09	No	\$30.09	-\$11.00
161	9-Jan-12	15	5	\$39.76	No	\$30.09	-\$9.67
162	9-Jan-12	15	6	\$39.68	No	\$30.09	-\$9.59
163	9-Jan-12	15	7	\$39.80	No	\$30.09	-\$9.71
164	9-Jan-12	15	8	\$41.21	No	\$30.09	-\$11.12
165	9-Jan-12	15	9	\$41.21	No	\$30.09	-\$11.12
166	9-Jan-12	15	10	\$40.31	No	\$30.09	-\$10.22
167	9-Jan-12	15	11	\$40.28	No	\$30.09	-\$10.19
168	9-Jan-12	15	12	\$40.28	No	\$30.09	-\$10.19
169	9-Jan-12	16	1	\$31.75	No	\$30.09	-\$1.66
170	9-Jan-12	16	2	\$31.33	No	\$30.09	-\$1.24
171	9-Jan-12	16	3	\$31.33	No	\$30.09	-\$1.24
172	9-Jan-12	16	4	\$31.33	No	\$30.09	-\$1.24
173	9-Jan-12	16	5	\$31.33	No	\$30.09	-\$1.24
174	9-Jan-12	16	6	\$30.38	No	\$30.09	-\$0.29
175	9-Jan-12	16	7	\$30.39	No	\$30.09	-\$0.30
176	9-Jan-12	16	8	\$31.33	No	\$30.09	-\$1.24
177	9-Jan-12	16	9	\$33.63	No	\$30.09	-\$3.54

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	9-Jan-12	16	10	\$33.65	No	\$30.09	-\$3.56
179	9-Jan-12	16	11	\$30.33	No	\$30.09	-\$0.24
180	9-Jan-12	16	12	\$25.58	No	\$30.09	\$4.51
181	9-Jan-12	17	1	\$21.72	No	\$30.09	\$8.37
182	9-Jan-12	17	1	\$21.72	No	\$30.09	\$8.37
183	9-Jan-12	17	2	\$22.30	No	\$30.09	\$7.79
184	9-Jan-12	17	2	\$22.30	No	\$30.09	\$7.79
185	9-Jan-12	17	3	\$21.72	No	\$30.09	\$8.37
186	9-Jan-12	17	3	\$21.72	No	\$30.09	\$8.37
187	9-Jan-12	17	4	\$23.04	No	\$30.09	\$7.05
188	9-Jan-12	17	4	\$23.04	No	\$30.09	\$7.05
189	9-Jan-12	17	5	\$22.62	No	\$30.09	\$7.47
190	9-Jan-12	17	5	\$22.62	No	\$30.09	\$7.47
191	9-Jan-12	17	6	\$24.39	No	\$30.09	\$5.70
192	9-Jan-12	17	6	\$24.39	No	\$30.09	\$5.70
193	9-Jan-12	17	7	\$24.15	No	\$30.09	\$5.94
194	9-Jan-12	17	7	\$24.15	No	\$30.09	\$5.94
195	9-Jan-12	17	8	\$29.30	No	\$30.09	\$0.79
196	9-Jan-12	17	8	\$29.30	No	\$30.09	\$0.79
197	9-Jan-12	17	9	\$29.62	No	\$30.09	\$0.47
198	9-Jan-12	17	9	\$29.62	No	\$30.09	\$0.47
199	9-Jan-12	17	10	\$32.13	No	\$30.09	-\$2.04
200	9-Jan-12	17	10	\$32.13	No	\$30.09	-\$2.04
201	9-Jan-12	17	11	\$33.79	No	\$30.09	-\$3.70
202	9-Jan-12	17	11	\$33.79	No	\$30.09	-\$3.70
203	9-Jan-12	17	12	\$32.13	No	\$30.09	-\$2.04
204	9-Jan-12	17	12	\$32.13	No	\$30.09	-\$2.04
205	9-Jan-12	18	1	\$21.80	No	\$30.09	\$8.29
206	9-Jan-12	18	1	\$21.80	No	\$30.09	\$8.29
207	9-Jan-12	18	2	\$20.17	No	\$30.09	\$9.92
208	9-Jan-12	18	2	\$20.17	No	\$30.09	\$9.92
209	9-Jan-12	18	3	\$21.59	No	\$30.09	\$8.50
210	9-Jan-12	18	3	\$21.59	No	\$30.09	\$8.50
211	9-Jan-12	18	4	\$22.30	No	\$30.09	\$7.79
212	9-Jan-12	18	4	\$22.30	No	\$30.09	\$7.79
213	9-Jan-12	18	5	\$25.06	No	\$30.09	\$5.03
214	9-Jan-12	18	5	\$25.06	No	\$30.09	\$5.03
215	9-Jan-12	18	6	\$30.79	No	\$30.09	-\$0.70
216	9-Jan-12	18	6	\$30.79	No	\$30.09	-\$0.70
217	9-Jan-12	18	7	\$40.90	No	\$30.09	-\$10.81
218	9-Jan-12	18	7	\$40.90	No	\$30.09	-\$10.81
219	9-Jan-12	18	8	\$56.41	No	\$30.09	-\$26.32
220	9-Jan-12	18	8	\$56.41	No	\$30.09	-\$26.32
221	9-Jan-12	18	9	\$115.52	No	\$30.09	-\$85.43
222	9-Jan-12	18	9	\$115.52	No	\$30.09	-\$85.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	9-Jan-12	18	10	\$37.16	No	\$30.09	-\$7.07
224	9-Jan-12	18	10	\$37.16	No	\$30.09	-\$7.07
225	9-Jan-12	18	11	\$41.57	No	\$30.09	-\$11.48
226	9-Jan-12	18	11	\$41.57	No	\$30.09	-\$11.48
227	9-Jan-12	18	12	\$50.46	No	\$30.09	-\$20.37
228	9-Jan-12	18	12	\$50.46	No	\$30.09	-\$20.37
229	9-Jan-12	19	1	\$30.90	Yes	\$29.35	-\$1.55
230	9-Jan-12	19	1	\$30.90	Yes	\$29.66	-\$1.24
231	9-Jan-12	19	2	\$32.91	Yes	\$29.35	-\$3.56
232	9-Jan-12	19	2	\$32.91	Yes	\$29.66	-\$3.25
233	9-Jan-12	19	3	\$29.61	Yes	\$29.66	\$0.05
234	9-Jan-12	19	3	\$29.61	Yes	\$29.35	-\$0.26
235	9-Jan-12	19	4	\$28.51	Yes	\$29.66	\$1.15
236	9-Jan-12	19	4	\$28.51	Yes	\$29.35	\$0.84
237	9-Jan-12	19	5	\$29.91	Yes	\$29.35	-\$0.56
238	9-Jan-12	19	5	\$29.91	Yes	\$29.66	-\$0.25
239	9-Jan-12	19	6	\$29.91	Yes	\$29.35	-\$0.56
240	9-Jan-12	19	6	\$29.91	Yes	\$29.66	-\$0.25
241	9-Jan-12	19	7	\$30.30	Yes	\$29.66	-\$0.64
242	9-Jan-12	19	7	\$30.30	Yes	\$29.35	-\$0.95
243	9-Jan-12	19	8	\$30.41	Yes	\$29.35	-\$1.06
244	9-Jan-12	19	8	\$30.41	Yes	\$29.66	-\$0.75
245	9-Jan-12	19	9	\$30.37	Yes	\$29.35	-\$1.02
246	9-Jan-12	19	9	\$30.37	Yes	\$29.66	-\$0.71
247	9-Jan-12	19	10	\$25.31	Yes	\$29.35	\$4.04
248	9-Jan-12	19	10	\$25.31	Yes	\$29.66	\$4.35
249	9-Jan-12	19	11	\$25.49	Yes	\$29.66	\$4.17
250	9-Jan-12	19	11	\$25.49	Yes	\$29.35	\$3.86
251	9-Jan-12	19	12	\$25.49	Yes	\$29.35	\$3.86
252	9-Jan-12	19	12	\$25.49	Yes	\$29.66	\$4.17
253	9-Jan-12	20	1	\$30.54	No	\$30.09	-\$0.45
254	9-Jan-12	20	1	\$30.54	No	\$30.09	-\$0.45
255	9-Jan-12	20	2	\$30.97	No	\$30.09	-\$0.88
256	9-Jan-12	20	2	\$30.97	No	\$30.09	-\$0.88
257	9-Jan-12	20	3	\$30.54	No	\$30.09	-\$0.45
258	9-Jan-12	20	3	\$30.54	No	\$30.09	-\$0.45
259	9-Jan-12	20	4	\$30.20	No	\$30.09	-\$0.11
260	9-Jan-12	20	4	\$30.20	No	\$30.09	-\$0.11
261	9-Jan-12	20	5	\$30.96	No	\$30.09	-\$0.87
262	9-Jan-12	20	5	\$30.96	No	\$30.09	-\$0.87
263	9-Jan-12	20	6	\$30.75	No	\$30.09	-\$0.66
264	9-Jan-12	20	6	\$30.75	No	\$30.09	-\$0.66
265	9-Jan-12	20	7	\$30.70	No	\$30.09	-\$0.61
266	9-Jan-12	20	7	\$30.70	No	\$30.09	-\$0.61
267	9-Jan-12	20	8	\$30.70	No	\$30.09	-\$0.61

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	9-Jan-12	20	8	\$30.70	No	\$30.09	-\$0.61
269	9-Jan-12	20	9	\$29.35	No	\$30.09	\$0.74
270	9-Jan-12	20	9	\$29.35	No	\$30.09	\$0.74
271	9-Jan-12	20	10	\$25.61	No	\$30.09	\$4.48
272	9-Jan-12	20	10	\$25.61	No	\$30.09	\$4.48
273	9-Jan-12	20	11	\$28.53	No	\$30.09	\$1.56
274	9-Jan-12	20	11	\$28.53	No	\$30.09	\$1.56
275	9-Jan-12	20	12	\$30.97	No	\$30.09	-\$0.88
276	9-Jan-12	20	12	\$30.97	No	\$30.09	-\$0.88
277	9-Jan-12	21	1	\$38.19	No	\$30.09	-\$8.10
278	9-Jan-12	21	2	\$39.26	No	\$30.09	-\$9.17
279	9-Jan-12	21	3	\$32.14	No	\$30.09	-\$2.05
280	9-Jan-12	21	4	\$31.75	No	\$30.09	-\$1.66
281	9-Jan-12	21	5	\$30.46	No	\$30.09	-\$0.37
282	9-Jan-12	21	6	\$30.36	No	\$30.09	-\$0.27
283	9-Jan-12	21	7	\$27.76	No	\$30.09	\$2.33
284	9-Jan-12	21	8	\$25.74	No	\$30.09	\$4.35
285	9-Jan-12	21	9	\$25.47	No	\$30.09	\$4.62
286	9-Jan-12	21	10	\$24.63	No	\$30.09	\$5.46
287	9-Jan-12	21	11	\$24.63	No	\$30.09	\$5.46
288	9-Jan-12	21	12	\$24.63	No	\$30.09	\$5.46
289	9-Jan-12	22	1	\$46.09	No	\$30.09	-\$16.00
290	9-Jan-12	22	2	\$46.09	No	\$30.09	-\$16.00
291	9-Jan-12	22	3	\$32.12	No	\$30.09	-\$2.03
292	9-Jan-12	22	4	\$38.20	No	\$30.09	-\$8.11
293	9-Jan-12	22	5	\$32.70	No	\$30.09	-\$2.61
294	9-Jan-12	22	6	\$31.31	No	\$30.09	-\$1.22
295	9-Jan-12	22	7	\$30.61	No	\$30.09	-\$0.52
296	9-Jan-12	22	8	\$28.08	No	\$30.09	\$2.01
297	9-Jan-12	22	9	\$24.74	No	\$30.09	\$5.35
298	9-Jan-12	22	10	\$24.64	No	\$30.09	\$5.45
299	9-Jan-12	22	11	\$24.64	No	\$30.09	\$5.45
300	9-Jan-12	22	12	\$24.64	No	\$30.09	\$5.45
301	9-Jan-12	23	1	\$46.01	No	\$30.09	-\$15.92
302	9-Jan-12	23	2	\$46.01	No	\$30.09	-\$15.92
303	9-Jan-12	23	3	\$38.06	No	\$30.09	-\$7.97
304	9-Jan-12	23	4	\$36.40	No	\$30.09	-\$6.31
305	9-Jan-12	23	5	\$34.53	No	\$30.09	-\$4.44
306	9-Jan-12	23	6	\$33.66	No	\$30.09	-\$3.57
307	9-Jan-12	23	7	\$28.57	No	\$30.09	\$1.52
308	9-Jan-12	23	8	\$24.38	No	\$30.09	\$5.71
309	9-Jan-12	23	9	\$24.38	No	\$30.09	\$5.71
310	9-Jan-12	23	10	\$24.40	No	\$30.09	\$5.69
311	9-Jan-12	23	11	\$24.40	No	\$30.09	\$5.69
312	9-Jan-12	23	12	\$24.40	No	\$30.09	\$5.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	9-Jan-12	24	1	\$34.35	Yes	\$29.35	-\$5.00
314	9-Jan-12	24	2	\$34.35	Yes	\$29.35	-\$5.00
315	9-Jan-12	24	3	\$24.12	Yes	\$29.35	\$5.23
316	9-Jan-12	24	4	\$25.05	Yes	\$29.35	\$4.30
317	9-Jan-12	24	5	\$25.46	Yes	\$29.35	\$3.89
318	9-Jan-12	24	6	\$24.13	Yes	\$29.35	\$5.22
319	9-Jan-12	24	7	\$22.40	Yes	\$29.35	\$6.95
320	9-Jan-12	24	8	\$22.30	Yes	\$29.35	\$7.05
321	9-Jan-12	24	9	\$22.30	Yes	\$29.35	\$7.05
322	9-Jan-12	24	10	\$22.38	Yes	\$29.35	\$6.97
323	9-Jan-12	24	11	\$22.38	Yes	\$29.35	\$6.97
324	9-Jan-12	24	12	\$24.20	Yes	\$29.35	\$5.15
325	10-Jan-12	1	1	\$25.47	Yes	\$30.48	\$5.01
326	10-Jan-12	1	2	\$25.47	Yes	\$30.48	\$5.01
327	10-Jan-12	1	3	\$23.88	Yes	\$30.48	\$6.60
328	10-Jan-12	1	4	\$24.24	Yes	\$30.48	\$6.24
329	10-Jan-12	1	5	\$25.46	Yes	\$30.48	\$5.02
330	10-Jan-12	1	6	\$25.46	Yes	\$30.48	\$5.02
331	10-Jan-12	1	7	\$25.47	Yes	\$30.48	\$5.01
332	10-Jan-12	1	8	\$24.10	Yes	\$30.48	\$6.38
333	10-Jan-12	1	9	\$24.10	Yes	\$30.48	\$6.38
334	10-Jan-12	1	10	\$24.11	Yes	\$30.48	\$6.37
335	10-Jan-12	1	11	\$23.84	Yes	\$30.48	\$6.64
336	10-Jan-12	1	12	\$23.68	Yes	\$30.48	\$6.80
337	10-Jan-12	2	1	\$24.51	Yes	\$30.48	\$5.97
338	10-Jan-12	2	2	\$25.51	Yes	\$30.48	\$4.97
339	10-Jan-12	2	3	\$25.48	Yes	\$30.48	\$5.00
340	10-Jan-12	2	4	\$24.19	Yes	\$30.48	\$6.29
341	10-Jan-12	2	5	\$24.19	Yes	\$30.48	\$6.29
342	10-Jan-12	2	6	\$23.85	Yes	\$30.48	\$6.63
343	10-Jan-12	2	7	\$23.47	Yes	\$30.48	\$7.01
344	10-Jan-12	2	8	\$24.17	Yes	\$30.48	\$6.31
345	10-Jan-12	2	9	\$24.10	Yes	\$30.48	\$6.38
346	10-Jan-12	2	10	\$23.74	Yes	\$30.48	\$6.74
347	10-Jan-12	2	11	\$22.85	Yes	\$30.48	\$7.63
348	10-Jan-12	2	12	\$23.04	Yes	\$30.48	\$7.44
349	10-Jan-12	3	1	\$21.95	Yes	\$30.48	\$8.53
350	10-Jan-12	3	2	\$21.43	Yes	\$30.48	\$9.05
351	10-Jan-12	3	3	\$21.43	Yes	\$30.48	\$9.05
352	10-Jan-12	3	4	\$21.33	Yes	\$30.48	\$9.15
353	10-Jan-12	3	5	\$21.33	Yes	\$30.48	\$9.15
354	10-Jan-12	3	6	\$21.61	Yes	\$30.48	\$8.87
355	10-Jan-12	3	7	\$13.78	Yes	\$30.48	\$16.70
356	10-Jan-12	3	8	\$21.24	Yes	\$30.48	\$9.24
357	10-Jan-12	3	9	\$21.38	Yes	\$30.48	\$9.10

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	10-Jan-12	3	10	\$20.96	Yes	\$30.48	\$9.52
359	10-Jan-12	3	11	\$21.04	Yes	\$30.48	\$9.44
360	10-Jan-12	3	12	\$20.96	Yes	\$30.48	\$9.52
361	10-Jan-12	4	1	\$21.20	Yes	\$30.48	\$9.28
362	10-Jan-12	4	2	\$21.35	Yes	\$30.48	\$9.13
363	10-Jan-12	4	3	\$21.20	Yes	\$30.48	\$9.28
364	10-Jan-12	4	4	\$21.37	Yes	\$30.48	\$9.11
365	10-Jan-12	4	5	\$21.38	Yes	\$30.48	\$9.10
366	10-Jan-12	4	6	\$21.38	Yes	\$30.48	\$9.10
367	10-Jan-12	4	7	\$21.32	Yes	\$30.48	\$9.16
368	10-Jan-12	4	8	\$21.30	Yes	\$30.48	\$9.18
369	10-Jan-12	4	9	\$21.30	Yes	\$30.48	\$9.18
370	10-Jan-12	4	10	\$21.39	Yes	\$30.48	\$9.09
371	10-Jan-12	4	11	\$21.46	Yes	\$30.48	\$9.02
372	10-Jan-12	4	12	\$21.46	Yes	\$30.48	\$9.02
373	10-Jan-12	5	1	\$21.45	Yes	\$30.48	\$9.03
374	10-Jan-12	5	2	\$21.49	Yes	\$30.48	\$8.99
375	10-Jan-12	5	3	\$21.47	Yes	\$30.48	\$9.01
376	10-Jan-12	5	4	\$22.40	Yes	\$30.48	\$8.08
377	10-Jan-12	5	5	\$22.40	Yes	\$30.48	\$8.08
378	10-Jan-12	5	6	\$21.72	Yes	\$30.48	\$8.76
379	10-Jan-12	5	7	\$22.28	Yes	\$30.48	\$8.20
380	10-Jan-12	5	8	\$21.77	Yes	\$30.48	\$8.71
381	10-Jan-12	5	9	\$24.21	Yes	\$30.48	\$6.27
382	10-Jan-12	5	10	\$25.72	Yes	\$30.48	\$4.76
383	10-Jan-12	5	11	\$25.72	Yes	\$30.48	\$4.76
384	10-Jan-12	5	12	\$25.56	Yes	\$30.48	\$4.92
385	10-Jan-12	6	1	\$21.92	Yes	\$30.48	\$8.56
386	10-Jan-12	6	2	\$22.57	Yes	\$30.48	\$7.91
387	10-Jan-12	6	3	\$22.58	Yes	\$30.48	\$7.90
388	10-Jan-12	6	4	\$24.48	Yes	\$30.48	\$6.00
389	10-Jan-12	6	5	\$24.48	Yes	\$30.48	\$6.00
390	10-Jan-12	6	6	\$25.55	Yes	\$30.48	\$4.93
391	10-Jan-12	6	7	\$25.56	Yes	\$30.48	\$4.92
392	10-Jan-12	6	8	\$26.57	Yes	\$30.48	\$3.91
393	10-Jan-12	6	9	\$26.84	Yes	\$30.48	\$3.64
394	10-Jan-12	6	10	\$26.69	Yes	\$30.48	\$3.79
395	10-Jan-12	6	11	\$26.69	Yes	\$30.48	\$3.79
396	10-Jan-12	6	12	\$26.11	Yes	\$30.48	\$4.37
397	10-Jan-12	7	1	\$24.69	Yes	\$30.48	\$5.79
398	10-Jan-12	7	2	\$22.71	Yes	\$30.48	\$7.77
399	10-Jan-12	7	3	\$23.69	Yes	\$30.48	\$6.79
400	10-Jan-12	7	4	\$24.87	Yes	\$30.48	\$5.61
401	10-Jan-12	7	5	\$25.15	Yes	\$30.48	\$5.33
402	10-Jan-12	7	6	\$25.88	Yes	\$30.48	\$4.60

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	10-Jan-12	7	7	\$26.41	Yes	\$30.48	\$4.07
404	10-Jan-12	7	8	\$27.59	Yes	\$30.48	\$2.89
405	10-Jan-12	7	9	\$32.74	Yes	\$30.48	-\$2.26
406	10-Jan-12	7	10	\$30.53	Yes	\$30.48	-\$0.05
407	10-Jan-12	7	11	\$33.47	Yes	\$30.48	-\$2.99
408	10-Jan-12	7	12	\$32.24	Yes	\$30.48	-\$1.76
409	10-Jan-12	8	1	\$29.42	Yes	\$30.48	\$1.06
410	10-Jan-12	8	2	\$29.42	Yes	\$30.48	\$1.06
411	10-Jan-12	8	3	\$29.42	Yes	\$30.48	\$1.06
412	10-Jan-12	8	4	\$33.67	Yes	\$30.48	-\$3.19
413	10-Jan-12	8	5	\$33.67	Yes	\$30.48	-\$3.19
414	10-Jan-12	8	6	\$35.07	Yes	\$30.48	-\$4.59
415	10-Jan-12	8	7	\$35.09	Yes	\$30.48	-\$4.61
416	10-Jan-12	8	8	\$32.24	Yes	\$30.48	-\$1.76
417	10-Jan-12	8	9	\$31.02	Yes	\$30.48	-\$0.54
418	10-Jan-12	8	10	\$31.01	Yes	\$30.48	-\$0.53
419	10-Jan-12	8	11	\$31.95	Yes	\$30.48	-\$1.47
420	10-Jan-12	8	12	\$37.08	Yes	\$30.48	-\$6.60
421	10-Jan-12	9	1	\$25.57	Yes	\$30.48	\$4.91
422	10-Jan-12	9	2	\$25.59	Yes	\$30.48	\$4.89
423	10-Jan-12	9	3	\$25.92	Yes	\$30.48	\$4.56
424	10-Jan-12	9	4	\$25.21	Yes	\$30.48	\$5.27
425	10-Jan-12	9	5	\$25.64	Yes	\$30.48	\$4.84
426	10-Jan-12	9	6	\$25.21	Yes	\$30.48	\$5.27
427	10-Jan-12	9	7	\$25.51	Yes	\$30.48	\$4.97
428	10-Jan-12	9	8	\$25.30	Yes	\$30.48	\$5.18
429	10-Jan-12	9	9	\$25.30	Yes	\$30.48	\$5.18
430	10-Jan-12	9	10	\$25.36	Yes	\$30.48	\$5.12
431	10-Jan-12	9	11	\$25.36	Yes	\$30.48	\$5.12
432	10-Jan-12	9	12	\$25.16	Yes	\$30.48	\$5.32
433	10-Jan-12	10	1	\$24.96	Yes	\$30.48	\$5.52
434	10-Jan-12	10	2	\$24.96	Yes	\$30.48	\$5.52
435	10-Jan-12	10	3	\$24.96	Yes	\$30.48	\$5.52
436	10-Jan-12	10	4	\$24.97	Yes	\$30.48	\$5.51
437	10-Jan-12	10	5	\$24.97	Yes	\$30.48	\$5.51
438	10-Jan-12	10	6	\$25.61	Yes	\$30.48	\$4.87
439	10-Jan-12	10	7	\$25.61	Yes	\$30.48	\$4.87
440	10-Jan-12	10	8	\$25.61	Yes	\$30.48	\$4.87
441	10-Jan-12	10	9	\$25.61	Yes	\$30.48	\$4.87
442	10-Jan-12	10	10	\$25.61	Yes	\$30.48	\$4.87
443	10-Jan-12	10	11	\$25.61	Yes	\$30.48	\$4.87
444	10-Jan-12	10	12	\$25.61	Yes	\$30.48	\$4.87
445	10-Jan-12	11	1	\$25.61	Yes	\$30.48	\$4.87
446	10-Jan-12	11	2	\$25.61	Yes	\$30.48	\$4.87
447	10-Jan-12	11	3	\$25.62	Yes	\$30.48	\$4.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	10-Jan-12	11	4	\$25.62	Yes	\$30.48	\$4.86
449	10-Jan-12	11	5	\$25.62	Yes	\$30.48	\$4.86
450	10-Jan-12	11	6	\$25.62	Yes	\$30.48	\$4.86
451	10-Jan-12	11	7	\$25.72	Yes	\$30.48	\$4.76
452	10-Jan-12	11	8	\$25.61	Yes	\$30.48	\$4.87
453	10-Jan-12	11	9	\$25.61	Yes	\$30.48	\$4.87
454	10-Jan-12	11	10	\$25.62	Yes	\$30.48	\$4.86
455	10-Jan-12	11	11	\$25.62	Yes	\$30.48	\$4.86
456	10-Jan-12	11	12	\$25.07	Yes	\$30.48	\$5.41
457	10-Jan-12	12	1	\$25.63	Yes	\$30.48	\$4.85
458	10-Jan-12	12	2	\$26.70	Yes	\$30.48	\$3.78
459	10-Jan-12	12	3	\$26.70	Yes	\$30.48	\$3.78
460	10-Jan-12	12	4	\$26.70	Yes	\$30.48	\$3.78
461	10-Jan-12	12	5	\$26.70	Yes	\$30.48	\$3.78
462	10-Jan-12	12	6	\$26.70	Yes	\$30.48	\$3.78
463	10-Jan-12	12	7	\$26.70	Yes	\$30.48	\$3.78
464	10-Jan-12	12	8	\$26.70	Yes	\$30.48	\$3.78
465	10-Jan-12	12	9	\$26.70	Yes	\$30.48	\$3.78
466	10-Jan-12	12	10	\$26.72	Yes	\$30.48	\$3.76
467	10-Jan-12	12	11	\$25.63	Yes	\$30.48	\$4.85
468	10-Jan-12	12	12	\$25.62	Yes	\$30.48	\$4.86
469	10-Jan-12	13	1	\$26.71	Yes	\$30.48	\$3.77
470	10-Jan-12	13	2	\$26.71	Yes	\$30.48	\$3.77
471	10-Jan-12	13	3	\$26.71	Yes	\$30.48	\$3.77
472	10-Jan-12	13	4	\$26.71	Yes	\$30.48	\$3.77
473	10-Jan-12	13	5	\$26.71	Yes	\$30.48	\$3.77
474	10-Jan-12	13	6	\$26.71	Yes	\$30.48	\$3.77
475	10-Jan-12	13	7	\$26.71	Yes	\$30.48	\$3.77
476	10-Jan-12	13	8	\$26.71	Yes	\$30.48	\$3.77
477	10-Jan-12	13	9	\$26.71	Yes	\$30.48	\$3.77
478	10-Jan-12	13	10	\$26.71	Yes	\$30.48	\$3.77
479	10-Jan-12	13	11	\$26.71	Yes	\$30.48	\$3.77
480	10-Jan-12	13	12	\$28.69	Yes	\$30.48	\$1.79
481	10-Jan-12	14	1	\$25.63	Yes	\$30.48	\$4.85
482	10-Jan-12	14	2	\$26.70	Yes	\$30.48	\$3.78
483	10-Jan-12	14	3	\$26.70	Yes	\$30.48	\$3.78
484	10-Jan-12	14	4	\$25.63	Yes	\$30.48	\$4.85
485	10-Jan-12	14	5	\$26.70	Yes	\$30.48	\$3.78
486	10-Jan-12	14	6	\$26.70	Yes	\$30.48	\$3.78
487	10-Jan-12	14	7	\$26.70	Yes	\$30.48	\$3.78
488	10-Jan-12	14	8	\$26.71	Yes	\$30.48	\$3.77
489	10-Jan-12	14	9	\$25.63	Yes	\$30.48	\$4.85
490	10-Jan-12	14	10	\$24.92	Yes	\$30.48	\$5.56
491	10-Jan-12	14	11	\$25.63	Yes	\$30.48	\$4.85
492	10-Jan-12	14	12	\$25.62	Yes	\$30.48	\$4.86

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	10-Jan-12	15	1	\$26.88	Yes	\$30.48	\$3.60
494	10-Jan-12	15	2	\$26.88	Yes	\$30.48	\$3.60
495	10-Jan-12	15	3	\$26.88	Yes	\$30.48	\$3.60
496	10-Jan-12	15	4	\$26.88	Yes	\$30.48	\$3.60
497	10-Jan-12	15	5	\$26.88	Yes	\$30.48	\$3.60
498	10-Jan-12	15	6	\$26.88	Yes	\$30.48	\$3.60
499	10-Jan-12	15	7	\$26.88	Yes	\$30.48	\$3.60
500	10-Jan-12	15	8	\$26.87	Yes	\$30.48	\$3.61
501	10-Jan-12	15	9	\$26.70	Yes	\$30.48	\$3.78
502	10-Jan-12	15	10	\$26.71	Yes	\$30.48	\$3.77
503	10-Jan-12	15	11	\$26.71	Yes	\$30.48	\$3.77
504	10-Jan-12	15	12	\$26.71	Yes	\$30.48	\$3.77
505	10-Jan-12	16	1	\$26.18	Yes	\$30.48	\$4.30
506	10-Jan-12	16	2	\$25.64	Yes	\$30.48	\$4.84
507	10-Jan-12	16	3	\$25.64	Yes	\$30.48	\$4.84
508	10-Jan-12	16	4	\$25.62	Yes	\$30.48	\$4.86
509	10-Jan-12	16	5	\$25.62	Yes	\$30.48	\$4.86
510	10-Jan-12	16	6	\$25.62	Yes	\$30.48	\$4.86
511	10-Jan-12	16	7	\$24.56	Yes	\$30.48	\$5.92
512	10-Jan-12	16	7	\$24.56	Yes	\$30.81	\$6.25
513	10-Jan-12	16	8	\$25.60	Yes	\$30.81	\$5.21
514	10-Jan-12	16	8	\$25.60	Yes	\$30.48	\$4.88
515	10-Jan-12	16	9	\$25.61	Yes	\$30.81	\$5.20
516	10-Jan-12	16	9	\$25.61	Yes	\$30.48	\$4.87
517	10-Jan-12	16	10	\$25.61	Yes	\$30.48	\$4.87
518	10-Jan-12	16	10	\$25.61	Yes	\$30.81	\$5.20
519	10-Jan-12	16	11	\$25.61	Yes	\$30.81	\$5.20
520	10-Jan-12	16	11	\$25.61	Yes	\$30.48	\$4.87
521	10-Jan-12	16	12	\$26.10	Yes	\$30.81	\$4.71
522	10-Jan-12	16	12	\$26.10	Yes	\$30.48	\$4.38
523	10-Jan-12	17	1	\$23.69	Yes	\$30.81	\$7.12
524	10-Jan-12	17	2	\$23.69	Yes	\$30.81	\$7.12
525	10-Jan-12	17	3	\$24.73	Yes	\$30.81	\$6.08
526	10-Jan-12	17	4	\$24.64	Yes	\$30.81	\$6.17
527	10-Jan-12	17	5	\$24.64	Yes	\$30.81	\$6.17
528	10-Jan-12	17	6	\$25.58	Yes	\$30.81	\$5.23
529	10-Jan-12	17	7	\$25.60	Yes	\$30.81	\$5.21
530	10-Jan-12	17	8	\$25.66	Yes	\$30.81	\$5.15
531	10-Jan-12	17	9	\$25.66	Yes	\$30.81	\$5.15
532	10-Jan-12	17	10	\$30.69	Yes	\$30.81	\$0.12
533	10-Jan-12	17	11	\$28.78	Yes	\$30.81	\$2.03
534	10-Jan-12	17	12	\$25.70	Yes	\$30.81	\$5.11
535	10-Jan-12	18	1	\$21.73	Yes	\$30.81	\$9.08
536	10-Jan-12	18	2	\$22.09	Yes	\$30.81	\$8.72
537	10-Jan-12	18	3	\$22.09	Yes	\$30.81	\$8.72

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	10-Jan-12	18	4	\$24.09	Yes	\$30.81	\$6.72
539	10-Jan-12	18	5	\$25.50	Yes	\$30.81	\$5.31
540	10-Jan-12	18	6	\$28.74	Yes	\$30.81	\$2.07
541	10-Jan-12	18	7	\$28.77	Yes	\$30.81	\$2.04
542	10-Jan-12	18	8	\$34.16	Yes	\$30.81	-\$3.35
543	10-Jan-12	18	9	\$32.46	Yes	\$30.81	-\$1.65
544	10-Jan-12	18	10	\$29.26	Yes	\$30.81	\$1.55
545	10-Jan-12	18	11	\$28.81	Yes	\$30.81	\$2.00
546	10-Jan-12	18	12	\$30.63	Yes	\$30.81	\$0.18
547	10-Jan-12	19	1	\$28.77	Yes	\$30.81	\$2.04
548	10-Jan-12	19	2	\$25.89	Yes	\$30.81	\$4.92
549	10-Jan-12	19	3	\$25.72	Yes	\$30.81	\$5.09
550	10-Jan-12	19	4	\$25.72	Yes	\$30.81	\$5.09
551	10-Jan-12	19	5	\$25.91	Yes	\$30.81	\$4.90
552	10-Jan-12	19	6	\$26.86	Yes	\$30.81	\$3.95
553	10-Jan-12	19	7	\$25.90	Yes	\$30.81	\$4.91
554	10-Jan-12	19	8	\$25.88	Yes	\$30.81	\$4.93
555	10-Jan-12	19	9	\$26.81	Yes	\$30.81	\$4.00
556	10-Jan-12	19	10	\$25.87	Yes	\$30.81	\$4.94
557	10-Jan-12	19	11	\$25.69	Yes	\$30.81	\$5.12
558	10-Jan-12	19	12	\$25.69	Yes	\$30.81	\$5.12
559	10-Jan-12	20	1	\$28.79	Yes	\$30.81	\$2.02
560	10-Jan-12	20	2	\$32.14	Yes	\$30.81	-\$1.33
561	10-Jan-12	20	3	\$32.14	Yes	\$30.81	-\$1.33
562	10-Jan-12	20	4	\$32.16	Yes	\$30.81	-\$1.35
563	10-Jan-12	20	5	\$30.81	Yes	\$30.81	\$0.00
564	10-Jan-12	20	6	\$30.79	Yes	\$30.81	\$0.02
565	10-Jan-12	20	7	\$28.77	Yes	\$30.81	\$2.04
566	10-Jan-12	20	8	\$26.96	Yes	\$30.81	\$3.85
567	10-Jan-12	20	9	\$25.84	Yes	\$30.81	\$4.97
568	10-Jan-12	20	10	\$25.68	Yes	\$30.81	\$5.13
569	10-Jan-12	20	11	\$25.68	Yes	\$30.81	\$5.13
570	10-Jan-12	20	12	\$25.68	Yes	\$30.81	\$5.13
571	10-Jan-12	21	1	\$26.74	Yes	\$30.48	\$3.74
572	10-Jan-12	21	2	\$28.23	Yes	\$30.48	\$2.25
573	10-Jan-12	21	3	\$26.74	Yes	\$30.48	\$3.74
574	10-Jan-12	21	4	\$26.75	Yes	\$30.48	\$3.73
575	10-Jan-12	21	5	\$26.08	Yes	\$30.48	\$4.40
576	10-Jan-12	21	6	\$26.08	Yes	\$30.48	\$4.40
577	10-Jan-12	21	7	\$25.63	Yes	\$30.48	\$4.85
578	10-Jan-12	21	8	\$25.64	Yes	\$30.48	\$4.84
579	10-Jan-12	21	9	\$25.51	Yes	\$30.48	\$4.97
580	10-Jan-12	21	10	\$25.17	Yes	\$30.48	\$5.31
581	10-Jan-12	21	11	\$23.38	Yes	\$30.48	\$7.10
582	10-Jan-12	21	12	\$23.38	Yes	\$30.48	\$7.10

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	10-Jan-12	22	1	\$30.49	Yes	\$30.48	-\$0.01
584	10-Jan-12	22	2	\$34.35	Yes	\$30.48	-\$3.87
585	10-Jan-12	22	3	\$32.29	Yes	\$30.48	-\$1.81
586	10-Jan-12	22	4	\$32.75	Yes	\$30.48	-\$2.27
587	10-Jan-12	22	5	\$32.32	Yes	\$30.48	-\$1.84
588	10-Jan-12	22	6	\$29.33	Yes	\$30.48	\$1.15
589	10-Jan-12	22	7	\$25.99	Yes	\$30.48	\$4.49
590	10-Jan-12	22	8	\$25.99	Yes	\$30.48	\$4.49
591	10-Jan-12	22	9	\$25.66	Yes	\$30.48	\$4.82
592	10-Jan-12	22	10	\$25.58	Yes	\$30.48	\$4.90
593	10-Jan-12	22	11	\$25.58	Yes	\$30.48	\$4.90
594	10-Jan-12	22	12	\$24.72	Yes	\$30.48	\$5.76
595	10-Jan-12	23	1	\$36.21	Yes	\$30.48	-\$5.73
596	10-Jan-12	23	2	\$38.53	Yes	\$30.48	-\$8.05
597	10-Jan-12	23	3	\$34.91	Yes	\$30.48	-\$4.43
598	10-Jan-12	23	4	\$36.20	Yes	\$30.48	-\$5.72
599	10-Jan-12	23	5	\$34.86	Yes	\$30.48	-\$4.38
600	10-Jan-12	23	6	\$33.17	Yes	\$30.48	-\$2.69
601	10-Jan-12	23	7	\$25.58	Yes	\$30.48	\$4.90
602	10-Jan-12	23	8	\$24.65	Yes	\$30.48	\$5.83
603	10-Jan-12	23	9	\$24.45	Yes	\$30.48	\$6.03
604	10-Jan-12	23	10	\$24.38	Yes	\$30.48	\$6.10
605	10-Jan-12	23	11	\$22.76	Yes	\$30.48	\$7.72
606	10-Jan-12	23	12	\$21.98	Yes	\$30.48	\$8.50
607	10-Jan-12	24	1	\$26.43	Yes	\$30.48	\$4.05
608	10-Jan-12	24	2	\$26.22	Yes	\$30.48	\$4.26
609	10-Jan-12	24	3	\$25.55	Yes	\$30.48	\$4.93
610	10-Jan-12	24	4	\$24.35	Yes	\$30.48	\$6.13
611	10-Jan-12	24	5	\$24.35	Yes	\$30.48	\$6.13
612	10-Jan-12	24	6	\$24.13	Yes	\$30.48	\$6.35
613	10-Jan-12	24	7	\$23.01	Yes	\$30.48	\$7.47
614	10-Jan-12	24	8	\$22.57	Yes	\$30.48	\$7.91
615	10-Jan-12	24	9	\$20.51	Yes	\$30.48	\$9.97
616	10-Jan-12	24	10	\$20.55	Yes	\$30.48	\$9.93
617	10-Jan-12	24	11	\$21.04	Yes	\$30.48	\$9.44
618	10-Jan-12	24	12	\$18.35	Yes	\$30.48	\$12.13
619	11-Jan-12	15	1	\$27.39	Yes	\$32.74	\$5.35
620	11-Jan-12	15	2	\$27.39	Yes	\$32.74	\$5.35
621	11-Jan-12	15	3	\$27.39	Yes	\$32.74	\$5.35
622	11-Jan-12	15	4	\$26.61	Yes	\$32.74	\$6.13
623	11-Jan-12	15	5	\$26.31	Yes	\$32.74	\$6.43
624	11-Jan-12	15	6	\$26.31	Yes	\$32.74	\$6.43
625	11-Jan-12	15	7	\$26.28	Yes	\$32.74	\$6.46
626	11-Jan-12	15	8	\$25.59	Yes	\$32.74	\$7.15
627	11-Jan-12	15	9	\$25.59	Yes	\$32.74	\$7.15

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	11-Jan-12	15	10	\$26.30	Yes	\$32.74	\$6.44
629	11-Jan-12	15	11	\$26.30	Yes	\$32.74	\$6.44
630	11-Jan-12	15	12	\$27.96	Yes	\$32.74	\$4.78
631	11-Jan-12	16	1	\$27.41	Yes	\$32.74	\$5.33
632	11-Jan-12	16	2	\$27.73	Yes	\$32.74	\$5.01
633	11-Jan-12	16	3	\$31.12	Yes	\$32.74	\$1.62
634	11-Jan-12	16	4	\$31.78	Yes	\$32.74	\$0.96
635	11-Jan-12	16	5	\$31.78	Yes	\$32.74	\$0.96
636	11-Jan-12	16	6	\$31.78	Yes	\$32.74	\$0.96
637	11-Jan-12	16	7	\$31.78	Yes	\$32.74	\$0.96
638	11-Jan-12	16	8	\$32.08	Yes	\$32.74	\$0.66
639	11-Jan-12	16	9	\$32.24	Yes	\$32.74	\$0.50
640	11-Jan-12	16	10	\$34.49	Yes	\$32.74	-\$1.75
641	11-Jan-12	16	11	\$34.49	Yes	\$32.74	-\$1.75
642	11-Jan-12	16	12	\$34.49	Yes	\$32.74	-\$1.75
643	11-Jan-12	17	1	\$24.60	Yes	\$32.74	\$8.14
644	11-Jan-12	17	2	\$25.19	Yes	\$32.74	\$7.55
645	11-Jan-12	17	3	\$26.37	Yes	\$32.74	\$6.37
646	11-Jan-12	17	4	\$26.82	Yes	\$32.74	\$5.92
647	11-Jan-12	17	5	\$26.36	Yes	\$32.74	\$6.38
648	11-Jan-12	17	6	\$28.76	Yes	\$32.74	\$3.98
649	11-Jan-12	17	7	\$26.85	Yes	\$32.74	\$5.89
650	11-Jan-12	17	8	\$29.39	Yes	\$32.74	\$3.35
651	11-Jan-12	17	9	\$32.25	Yes	\$32.74	\$0.49
652	11-Jan-12	17	10	\$32.74	Yes	\$32.74	\$0.00
653	11-Jan-12	17	11	\$32.26	Yes	\$32.74	\$0.48
654	11-Jan-12	17	12	\$32.26	Yes	\$32.74	\$0.48
655	11-Jan-12	18	1	\$25.53	Yes	\$32.74	\$7.21
656	11-Jan-12	18	2	\$23.98	Yes	\$32.74	\$8.76
657	11-Jan-12	18	3	\$25.53	Yes	\$32.74	\$7.21
658	11-Jan-12	18	4	\$25.93	Yes	\$32.74	\$6.81
659	11-Jan-12	18	5	\$26.46	Yes	\$32.74	\$6.28
660	11-Jan-12	18	6	\$29.20	Yes	\$32.74	\$3.54
661	11-Jan-12	18	7	\$26.84	Yes	\$32.74	\$5.90
662	11-Jan-12	18	8	\$36.81	Yes	\$32.74	-\$4.07
663	11-Jan-12	18	9	\$38.42	Yes	\$32.74	-\$5.68
664	11-Jan-12	18	10	\$32.74	Yes	\$32.74	\$0.00
665	11-Jan-12	18	11	\$37.01	Yes	\$32.74	-\$4.27
666	11-Jan-12	18	12	\$32.74	Yes	\$32.74	\$0.00
667	11-Jan-12	19	1	\$32.74	Yes	\$32.74	\$0.00
668	11-Jan-12	19	2	\$32.74	Yes	\$32.74	\$0.00
669	11-Jan-12	19	3	\$28.81	Yes	\$32.74	\$3.93
670	11-Jan-12	19	4	\$26.42	Yes	\$32.74	\$6.32
671	11-Jan-12	19	5	\$25.79	Yes	\$32.74	\$6.95
672	11-Jan-12	19	6	\$26.42	Yes	\$32.74	\$6.32

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	11-Jan-12	19	7	\$26.41	Yes	\$32.74	\$6.33
674	11-Jan-12	19	8	\$28.81	Yes	\$32.74	\$3.93
675	11-Jan-12	19	9	\$28.81	Yes	\$32.74	\$3.93
676	11-Jan-12	19	10	\$26.36	Yes	\$32.74	\$6.38
677	11-Jan-12	19	11	\$26.36	Yes	\$32.74	\$6.38
678	11-Jan-12	19	12	\$28.75	Yes	\$32.74	\$3.99
679	11-Jan-12	20	1	\$33.37	Yes	\$32.74	-\$0.63
680	11-Jan-12	20	2	\$38.62	Yes	\$32.74	-\$5.88
681	11-Jan-12	20	3	\$41.05	Yes	\$32.74	-\$8.31
682	11-Jan-12	20	4	\$41.09	Yes	\$32.74	-\$8.35
683	11-Jan-12	20	5	\$40.65	Yes	\$32.74	-\$7.91
684	11-Jan-12	20	6	\$37.40	Yes	\$32.74	-\$4.66
685	11-Jan-12	20	7	\$37.09	Yes	\$32.74	-\$4.35
686	11-Jan-12	20	8	\$32.25	Yes	\$32.74	\$0.49
687	11-Jan-12	20	9	\$29.53	Yes	\$32.74	\$3.21
688	11-Jan-12	20	10	\$32.26	Yes	\$32.74	\$0.48
689	11-Jan-12	20	11	\$29.51	Yes	\$32.74	\$3.23
690	11-Jan-12	20	12	\$30.46	Yes	\$32.74	\$2.28
691	12-Jan-12	15	1	\$915.97	Yes	\$31.46	-\$884.51
692	12-Jan-12	15	2	\$916.00	Yes	\$31.46	-\$884.54
693	12-Jan-12	15	3	\$88.21	Yes	\$31.46	-\$56.75
694	12-Jan-12	15	4	\$89.13	Yes	\$31.46	-\$57.67
695	12-Jan-12	15	5	\$30.19	Yes	\$31.46	\$1.27
696	12-Jan-12	15	6	\$30.23	Yes	\$31.46	\$1.23
697	12-Jan-12	15	7	\$30.23	Yes	\$31.46	\$1.23
698	12-Jan-12	15	8	\$30.43	Yes	\$31.46	\$1.03
699	12-Jan-12	15	9	\$30.31	Yes	\$31.46	\$1.15
700	12-Jan-12	15	10	\$32.90	Yes	\$31.46	-\$1.44
701	12-Jan-12	15	11	\$32.27	Yes	\$31.46	-\$0.81
702	12-Jan-12	15	12	\$30.39	Yes	\$31.46	\$1.07
703	12-Jan-12	16	1	\$29.99	Yes	\$31.46	\$1.47
704	12-Jan-12	16	2	\$28.46	Yes	\$31.46	\$3.00
705	12-Jan-12	16	3	\$29.99	Yes	\$31.46	\$1.47
706	12-Jan-12	16	4	\$30.54	Yes	\$31.46	\$0.92
707	12-Jan-12	16	5	\$30.54	Yes	\$31.46	\$0.92
708	12-Jan-12	16	6	\$30.34	Yes	\$31.46	\$1.12
709	12-Jan-12	16	7	\$30.54	Yes	\$31.46	\$0.92
710	12-Jan-12	16	8	\$33.65	Yes	\$31.46	-\$2.19
711	12-Jan-12	16	9	\$31.60	Yes	\$31.46	-\$0.14
712	12-Jan-12	16	10	\$31.46	Yes	\$31.46	\$0.00
713	12-Jan-12	16	11	\$31.62	Yes	\$31.46	-\$0.16
714	12-Jan-12	16	12	\$30.44	Yes	\$31.46	\$1.02
715	12-Jan-12	17	1	\$25.58	Yes	\$31.46	\$5.88
716	12-Jan-12	17	2	\$25.58	Yes	\$31.46	\$5.88
717	12-Jan-12	17	3	\$25.58	Yes	\$31.46	\$5.88

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	12-Jan-12	17	4	\$26.32	Yes	\$31.46	\$5.14
719	12-Jan-12	17	5	\$26.32	Yes	\$31.46	\$5.14
720	12-Jan-12	17	6	\$28.48	Yes	\$31.46	\$2.98
721	12-Jan-12	17	7	\$29.92	Yes	\$31.46	\$1.54
722	12-Jan-12	17	8	\$31.92	Yes	\$31.46	-\$0.46
723	12-Jan-12	17	9	\$33.77	Yes	\$31.46	-\$2.31
724	12-Jan-12	17	10	\$31.82	Yes	\$31.46	-\$0.36
725	12-Jan-12	17	11	\$32.93	Yes	\$31.46	-\$1.47
726	12-Jan-12	17	12	\$31.75	Yes	\$31.46	-\$0.29
727	12-Jan-12	18	1	\$21.36	Yes	\$31.46	\$10.10
728	12-Jan-12	18	2	\$21.72	Yes	\$31.46	\$9.74
729	12-Jan-12	18	3	\$21.72	Yes	\$31.46	\$9.74
730	12-Jan-12	18	4	\$21.72	Yes	\$31.46	\$9.74
731	12-Jan-12	18	5	\$24.72	Yes	\$31.46	\$6.74
732	12-Jan-12	18	6	\$26.16	Yes	\$31.46	\$5.30
733	12-Jan-12	18	7	\$26.48	Yes	\$31.46	\$4.98
734	12-Jan-12	18	8	\$30.20	Yes	\$31.46	\$1.26
735	12-Jan-12	18	9	\$29.79	Yes	\$31.46	\$1.67
736	12-Jan-12	18	10	\$34.48	Yes	\$31.46	-\$3.02
737	12-Jan-12	18	11	\$34.48	Yes	\$31.46	-\$3.02
738	12-Jan-12	18	12	\$35.97	Yes	\$31.46	-\$4.51
739	12-Jan-12	19	1	\$32.51	Yes	\$31.46	-\$1.05
740	12-Jan-12	19	2	\$33.64	Yes	\$31.46	-\$2.18
741	12-Jan-12	19	3	\$34.13	Yes	\$31.46	-\$2.67
742	12-Jan-12	19	4	\$31.90	Yes	\$31.46	-\$0.44
743	12-Jan-12	19	5	\$29.80	Yes	\$31.46	\$1.66
744	12-Jan-12	19	6	\$29.80	Yes	\$31.46	\$1.66
745	12-Jan-12	19	7	\$30.23	Yes	\$31.46	\$1.23
746	12-Jan-12	19	8	\$33.34	Yes	\$31.46	-\$1.88
747	12-Jan-12	19	9	\$33.81	Yes	\$31.46	-\$2.35
748	12-Jan-12	19	10	\$41.60	Yes	\$31.46	-\$10.14
749	12-Jan-12	19	11	\$35.75	Yes	\$31.46	-\$4.29
750	12-Jan-12	19	12	\$31.67	Yes	\$31.46	-\$0.21
751	12-Jan-12	20	1	\$30.53	Yes	\$31.46	\$0.93
752	12-Jan-12	20	2	\$30.40	Yes	\$31.46	\$1.06
753	12-Jan-12	20	3	\$30.40	Yes	\$31.46	\$1.06
754	12-Jan-12	20	4	\$31.57	Yes	\$31.46	-\$0.11
755	12-Jan-12	20	5	\$33.67	Yes	\$31.46	-\$2.21
756	12-Jan-12	20	6	\$32.47	Yes	\$31.46	-\$1.01
757	12-Jan-12	20	7	\$31.59	Yes	\$31.46	-\$0.13
758	12-Jan-12	20	8	\$31.11	Yes	\$31.46	\$0.35
759	12-Jan-12	20	9	\$26.37	Yes	\$31.46	\$5.09
760	12-Jan-12	20	10	\$26.32	Yes	\$31.46	\$5.14
761	12-Jan-12	20	11	\$26.08	Yes	\$31.46	\$5.38
762	12-Jan-12	20	12	\$26.12	Yes	\$31.46	\$5.34

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	12-Jan-12	24	1	\$30.91	Yes	\$30.08	-\$0.83
764	12-Jan-12	24	2	\$29.84	Yes	\$30.08	\$0.24
765	12-Jan-12	24	3	\$24.16	Yes	\$30.08	\$5.92
766	12-Jan-12	24	4	\$24.24	Yes	\$30.08	\$5.84
767	12-Jan-12	24	5	\$26.23	Yes	\$30.08	\$3.85
768	12-Jan-12	24	6	\$26.14	Yes	\$30.08	\$3.94
769	12-Jan-12	24	7	\$25.29	Yes	\$30.08	\$4.79
770	12-Jan-12	24	8	\$24.14	Yes	\$30.08	\$5.94
771	12-Jan-12	24	9	\$24.14	Yes	\$30.08	\$5.94
772	12-Jan-12	24	10	\$23.88	Yes	\$30.08	\$6.20
773	12-Jan-12	24	11	\$23.33	Yes	\$30.08	\$6.75
774	12-Jan-12	24	12	\$23.20	Yes	\$30.08	\$6.88
775	13-Jan-12	1	1	\$23.95	Yes	\$29.27	\$5.32
776	13-Jan-12	1	2	\$24.66	Yes	\$29.27	\$4.61
777	13-Jan-12	1	3	\$24.65	Yes	\$29.27	\$4.62
778	13-Jan-12	1	4	\$21.92	Yes	\$29.27	\$7.35
779	13-Jan-12	1	5	\$21.93	Yes	\$29.27	\$7.34
780	13-Jan-12	1	6	\$21.92	Yes	\$29.27	\$7.35
781	13-Jan-12	1	7	\$22.49	Yes	\$29.27	\$6.78
782	13-Jan-12	1	8	\$21.85	Yes	\$29.27	\$7.42
783	13-Jan-12	1	9	\$21.77	Yes	\$29.27	\$7.50
784	13-Jan-12	1	10	\$20.25	Yes	\$29.27	\$9.02
785	13-Jan-12	1	11	\$20.51	Yes	\$29.27	\$8.76
786	13-Jan-12	1	12	\$21.84	Yes	\$29.27	\$7.43
787	13-Jan-12	2	1	\$22.42	Yes	\$29.27	\$6.85
788	13-Jan-12	2	2	\$22.42	Yes	\$29.27	\$6.85
789	13-Jan-12	2	3	\$21.89	Yes	\$29.27	\$7.38
790	13-Jan-12	2	4	\$21.79	Yes	\$29.27	\$7.48
791	13-Jan-12	2	5	\$21.79	Yes	\$29.27	\$7.48
792	13-Jan-12	2	6	\$21.09	Yes	\$29.27	\$8.18
793	13-Jan-12	2	7	\$20.51	Yes	\$29.27	\$8.76
794	13-Jan-12	2	8	\$20.04	Yes	\$29.27	\$9.23
795	13-Jan-12	2	9	\$20.04	Yes	\$29.27	\$9.23
796	13-Jan-12	2	10	\$20.03	Yes	\$29.27	\$9.24
797	13-Jan-12	2	11	\$20.03	Yes	\$29.27	\$9.24
798	13-Jan-12	2	12	\$20.03	Yes	\$29.27	\$9.24
799	13-Jan-12	3	1	\$20.18	Yes	\$29.27	\$9.09
800	13-Jan-12	3	2	\$20.18	Yes	\$29.27	\$9.09
801	13-Jan-12	3	3	\$20.49	Yes	\$29.27	\$8.78
802	13-Jan-12	3	4	\$20.12	Yes	\$29.27	\$9.15
803	13-Jan-12	3	5	\$20.12	Yes	\$29.27	\$9.15
804	13-Jan-12	3	6	\$20.12	Yes	\$29.27	\$9.15
805	13-Jan-12	3	7	\$20.08	Yes	\$29.27	\$9.19
806	13-Jan-12	3	8	\$20.10	Yes	\$29.27	\$9.17
807	13-Jan-12	3	9	\$20.50	Yes	\$29.27	\$8.77

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	13-Jan-12	3	10	\$21.75	Yes	\$29.27	\$7.52
809	13-Jan-12	3	11	\$23.77	Yes	\$29.27	\$5.50
810	13-Jan-12	3	12	\$24.62	Yes	\$29.27	\$4.65
811	13-Jan-12	4	1	\$24.39	Yes	\$29.27	\$4.88
812	13-Jan-12	4	2	\$23.77	Yes	\$29.27	\$5.50
813	13-Jan-12	4	3	\$24.33	Yes	\$29.27	\$4.94
814	13-Jan-12	4	4	\$22.11	Yes	\$29.27	\$7.16
815	13-Jan-12	4	5	\$22.38	Yes	\$29.27	\$6.89
816	13-Jan-12	4	6	\$23.77	Yes	\$29.27	\$5.50
817	13-Jan-12	4	7	\$24.36	Yes	\$29.27	\$4.91
818	13-Jan-12	4	8	\$24.62	Yes	\$29.27	\$4.65
819	13-Jan-12	4	9	\$24.62	Yes	\$29.27	\$4.65
820	13-Jan-12	4	10	\$24.86	Yes	\$29.27	\$4.41
821	13-Jan-12	4	11	\$24.86	Yes	\$29.27	\$4.41
822	13-Jan-12	4	12	\$25.03	Yes	\$29.27	\$4.24
823	13-Jan-12	5	1	\$23.39	Yes	\$29.27	\$5.88
824	13-Jan-12	5	2	\$19.89	Yes	\$29.27	\$9.38
825	13-Jan-12	5	3	\$21.62	Yes	\$29.27	\$7.65
826	13-Jan-12	5	4	\$21.91	Yes	\$29.27	\$7.36
827	13-Jan-12	5	5	\$21.91	Yes	\$29.27	\$7.36
828	13-Jan-12	5	6	\$22.39	Yes	\$29.27	\$6.88
829	13-Jan-12	5	7	\$23.00	Yes	\$29.27	\$6.27
830	13-Jan-12	5	8	\$23.41	Yes	\$29.27	\$5.86
831	13-Jan-12	5	9	\$24.33	Yes	\$29.27	\$4.94
832	13-Jan-12	5	10	\$25.47	Yes	\$29.27	\$3.80
833	13-Jan-12	5	11	\$25.47	Yes	\$29.27	\$3.80
834	13-Jan-12	5	12	\$26.37	Yes	\$29.27	\$2.90
835	13-Jan-12	6	1	\$20.01	Yes	\$29.27	\$9.26
836	13-Jan-12	6	2	\$22.68	Yes	\$29.27	\$6.59
837	13-Jan-12	6	3	\$24.39	Yes	\$29.27	\$4.88
838	13-Jan-12	6	4	\$26.13	Yes	\$29.27	\$3.14
839	13-Jan-12	6	5	\$27.36	Yes	\$29.27	\$1.91
840	13-Jan-12	6	6	\$28.16	Yes	\$29.27	\$1.11
841	13-Jan-12	6	7	\$29.43	Yes	\$29.27	-\$0.16
842	13-Jan-12	6	8	\$33.98	Yes	\$29.27	-\$4.71
843	13-Jan-12	6	9	\$35.78	Yes	\$29.27	-\$6.51
844	13-Jan-12	6	10	\$34.63	Yes	\$29.27	-\$5.36
845	13-Jan-12	6	11	\$36.31	Yes	\$29.27	-\$7.04
846	13-Jan-12	6	12	\$36.54	Yes	\$29.27	-\$7.27
847	13-Jan-12	7	1	\$33.70	Yes	\$29.27	-\$4.43
848	13-Jan-12	7	2	\$30.51	Yes	\$29.27	-\$1.24
849	13-Jan-12	7	3	\$30.89	Yes	\$29.27	-\$1.62
850	13-Jan-12	7	4	\$32.25	Yes	\$29.27	-\$2.98
851	13-Jan-12	7	5	\$32.25	Yes	\$29.27	-\$2.98
852	13-Jan-12	7	6	\$36.36	Yes	\$29.27	-\$7.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	13-Jan-12	7	7	\$36.29	Yes	\$29.27	-\$7.02
854	13-Jan-12	7	8	\$37.12	Yes	\$29.27	-\$7.85
855	13-Jan-12	7	9	\$50.36	Yes	\$29.27	-\$21.09
856	13-Jan-12	7	10	\$53.25	Yes	\$29.27	-\$23.98
857	13-Jan-12	7	11	\$81.60	Yes	\$29.27	-\$52.33
858	13-Jan-12	7	12	\$45.91	Yes	\$29.27	-\$16.64
859	13-Jan-12	8	1	\$41.24	Yes	\$29.27	-\$11.97
860	13-Jan-12	8	2	\$32.90	Yes	\$29.27	-\$3.63
861	13-Jan-12	8	3	\$31.98	Yes	\$29.27	-\$2.71
862	13-Jan-12	8	4	\$31.57	Yes	\$29.27	-\$2.30
863	13-Jan-12	8	5	\$31.57	Yes	\$29.27	-\$2.30
864	13-Jan-12	8	6	\$30.61	Yes	\$29.27	-\$1.34
865	13-Jan-12	8	7	\$31.96	Yes	\$29.27	-\$2.69
866	13-Jan-12	8	8	\$31.54	Yes	\$29.27	-\$2.27
867	13-Jan-12	8	9	\$31.95	Yes	\$29.27	-\$2.68
868	13-Jan-12	8	10	\$31.52	Yes	\$29.27	-\$2.25
869	13-Jan-12	8	11	\$30.25	Yes	\$29.27	-\$0.98
870	13-Jan-12	8	12	\$31.21	Yes	\$29.27	-\$1.94
871	13-Jan-12	9	1	\$30.44	Yes	\$29.27	-\$1.17
872	13-Jan-12	9	2	\$30.22	Yes	\$29.27	-\$0.95
873	13-Jan-12	9	3	\$32.18	Yes	\$29.27	-\$2.91
874	13-Jan-12	9	4	\$30.56	Yes	\$29.27	-\$1.29
875	13-Jan-12	9	5	\$32.46	Yes	\$29.27	-\$3.19
876	13-Jan-12	9	6	\$32.39	Yes	\$29.27	-\$3.12
877	13-Jan-12	9	7	\$32.37	Yes	\$29.27	-\$3.10
878	13-Jan-12	9	8	\$32.42	Yes	\$29.27	-\$3.15
879	13-Jan-12	9	9	\$34.66	Yes	\$29.27	-\$5.39
880	13-Jan-12	9	10	\$31.75	Yes	\$29.27	-\$2.48
881	13-Jan-12	9	11	\$30.64	Yes	\$29.27	-\$1.37
882	13-Jan-12	9	12	\$32.40	Yes	\$29.27	-\$3.13
883	13-Jan-12	10	1	\$30.60	Yes	\$29.27	-\$1.33
884	13-Jan-12	10	2	\$30.60	Yes	\$29.27	-\$1.33
885	13-Jan-12	10	3	\$31.31	Yes	\$29.27	-\$2.04
886	13-Jan-12	10	4	\$31.43	Yes	\$29.27	-\$2.16
887	13-Jan-12	10	5	\$31.36	Yes	\$29.27	-\$2.09
888	13-Jan-12	10	6	\$31.36	Yes	\$29.27	-\$2.09
889	13-Jan-12	10	7	\$31.33	Yes	\$29.27	-\$2.06
890	13-Jan-12	10	8	\$30.98	Yes	\$29.27	-\$1.71
891	13-Jan-12	10	9	\$31.47	Yes	\$29.27	-\$2.20
892	13-Jan-12	10	10	\$31.52	Yes	\$29.27	-\$2.25
893	13-Jan-12	10	11	\$31.46	Yes	\$29.27	-\$2.19
894	13-Jan-12	10	12	\$30.67	Yes	\$29.27	-\$1.40
895	13-Jan-12	11	1	\$29.41	Yes	\$29.27	-\$0.14
896	13-Jan-12	11	2	\$29.65	Yes	\$29.27	-\$0.38
897	13-Jan-12	11	3	\$29.75	Yes	\$29.27	-\$0.48

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	13-Jan-12	11	4	\$29.70	Yes	\$29.27	-\$0.43
899	13-Jan-12	11	5	\$29.70	Yes	\$29.27	-\$0.43
900	13-Jan-12	11	6	\$31.58	Yes	\$29.27	-\$2.31
901	13-Jan-12	11	7	\$30.26	Yes	\$29.27	-\$0.99
902	13-Jan-12	11	8	\$30.30	Yes	\$29.27	-\$1.03
903	13-Jan-12	11	9	\$30.30	Yes	\$29.27	-\$1.03
904	13-Jan-12	11	10	\$30.39	Yes	\$29.27	-\$1.12
905	13-Jan-12	11	11	\$30.38	Yes	\$29.27	-\$1.11
906	13-Jan-12	11	12	\$30.15	Yes	\$29.27	-\$0.88
907	13-Jan-12	12	1	\$29.62	Yes	\$29.27	-\$0.35
908	13-Jan-12	12	2	\$30.00	Yes	\$29.27	-\$0.73
909	13-Jan-12	12	3	\$29.86	Yes	\$29.27	-\$0.59
910	13-Jan-12	12	4	\$29.57	Yes	\$29.27	-\$0.30
911	13-Jan-12	12	5	\$29.69	Yes	\$29.27	-\$0.42
912	13-Jan-12	12	6	\$29.57	Yes	\$29.27	-\$0.30
913	13-Jan-12	12	7	\$29.88	Yes	\$29.27	-\$0.61
914	13-Jan-12	12	8	\$30.11	Yes	\$29.27	-\$0.84
915	13-Jan-12	12	9	\$30.00	Yes	\$29.27	-\$0.73
916	13-Jan-12	12	10	\$29.81	Yes	\$29.27	-\$0.54
917	13-Jan-12	12	11	\$29.80	Yes	\$29.27	-\$0.53
918	13-Jan-12	12	12	\$29.81	Yes	\$29.27	-\$0.54
919	13-Jan-12	13	1	\$29.36	Yes	\$29.27	-\$0.09
920	13-Jan-12	13	2	\$29.37	Yes	\$29.27	-\$0.10
921	13-Jan-12	13	3	\$32.41	Yes	\$29.27	-\$3.14
922	13-Jan-12	13	4	\$30.39	Yes	\$29.27	-\$1.12
923	13-Jan-12	13	5	\$29.42	Yes	\$29.27	-\$0.15
924	13-Jan-12	13	6	\$29.41	Yes	\$29.27	-\$0.14
925	13-Jan-12	13	7	\$29.37	Yes	\$29.27	-\$0.10
926	13-Jan-12	13	8	\$29.42	Yes	\$29.27	-\$0.15
927	13-Jan-12	13	9	\$29.42	Yes	\$29.27	-\$0.15
928	13-Jan-12	13	10	\$29.42	Yes	\$29.27	-\$0.15
929	13-Jan-12	13	11	\$29.42	Yes	\$29.27	-\$0.15
930	13-Jan-12	13	12	\$30.38	Yes	\$29.27	-\$1.11
931	13-Jan-12	14	1	\$29.32	Yes	\$29.27	-\$0.05
932	13-Jan-12	14	2	\$29.32	Yes	\$29.27	-\$0.05
933	13-Jan-12	14	3	\$30.47	Yes	\$29.27	-\$1.20
934	13-Jan-12	14	4	\$31.54	Yes	\$29.27	-\$2.27
935	13-Jan-12	14	5	\$29.45	Yes	\$29.27	-\$0.18
936	13-Jan-12	14	6	\$30.49	Yes	\$29.27	-\$1.22
937	13-Jan-12	14	7	\$30.00	Yes	\$29.27	-\$0.73
938	13-Jan-12	14	8	\$30.50	Yes	\$29.27	-\$1.23
939	13-Jan-12	14	9	\$30.50	Yes	\$29.27	-\$1.23
940	13-Jan-12	14	10	\$29.88	Yes	\$29.27	-\$0.61
941	13-Jan-12	14	11	\$30.36	Yes	\$29.27	-\$1.09
942	13-Jan-12	14	12	\$29.76	Yes	\$29.27	-\$0.49

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	13-Jan-12	15	1	\$31.87	Yes	\$29.27	-\$2.60
944	13-Jan-12	15	2	\$30.80	Yes	\$29.27	-\$1.53
945	13-Jan-12	15	3	\$30.61	Yes	\$29.27	-\$1.34
946	13-Jan-12	15	4	\$30.47	Yes	\$29.27	-\$1.20
947	13-Jan-12	15	5	\$29.31	Yes	\$29.27	-\$0.04
948	13-Jan-12	15	6	\$30.28	Yes	\$29.27	-\$1.01
949	13-Jan-12	15	7	\$30.00	Yes	\$29.27	-\$0.73
950	13-Jan-12	15	8	\$30.38	Yes	\$29.27	-\$1.11
951	13-Jan-12	15	9	\$30.00	Yes	\$29.27	-\$0.73
952	13-Jan-12	15	10	\$29.29	Yes	\$29.27	-\$0.02
953	13-Jan-12	15	11	\$29.31	Yes	\$29.27	-\$0.04
954	13-Jan-12	15	12	\$29.85	Yes	\$29.27	-\$0.58
955	13-Jan-12	16	1	\$29.40	Yes	\$29.27	-\$0.13
956	13-Jan-12	16	2	\$30.08	Yes	\$29.27	-\$0.81
957	13-Jan-12	16	3	\$30.06	Yes	\$29.27	-\$0.79
958	13-Jan-12	16	4	\$30.39	Yes	\$29.27	-\$1.12
959	13-Jan-12	16	5	\$30.06	Yes	\$29.27	-\$0.79
960	13-Jan-12	16	6	\$29.46	Yes	\$29.27	-\$0.19
961	13-Jan-12	16	7	\$29.62	Yes	\$29.27	-\$0.35
962	13-Jan-12	16	8	\$30.04	Yes	\$29.27	-\$0.77
963	13-Jan-12	16	9	\$30.04	Yes	\$29.27	-\$0.77
964	13-Jan-12	16	10	\$31.77	Yes	\$29.27	-\$2.50
965	13-Jan-12	16	11	\$30.38	Yes	\$29.27	-\$1.11
966	13-Jan-12	16	12	\$30.23	Yes	\$29.27	-\$0.96
967	13-Jan-12	17	1	\$29.18	Yes	\$29.27	\$0.09
968	13-Jan-12	17	2	\$28.77	Yes	\$29.27	\$0.50
969	13-Jan-12	17	3	\$28.77	Yes	\$29.27	\$0.50
970	13-Jan-12	17	4	\$28.82	Yes	\$29.27	\$0.45
971	13-Jan-12	17	5	\$28.87	Yes	\$29.27	\$0.40
972	13-Jan-12	17	6	\$28.97	Yes	\$29.27	\$0.30
973	13-Jan-12	17	7	\$29.59	Yes	\$29.27	-\$0.32
974	13-Jan-12	17	8	\$29.79	Yes	\$29.27	-\$0.52
975	13-Jan-12	17	9	\$30.49	Yes	\$29.27	-\$1.22
976	13-Jan-12	17	10	\$30.12	Yes	\$29.27	-\$0.85
977	13-Jan-12	17	11	\$30.47	Yes	\$29.27	-\$1.20
978	13-Jan-12	17	12	\$34.61	Yes	\$29.27	-\$5.34
979	13-Jan-12	18	1	\$26.33	Yes	\$29.27	\$2.94
980	13-Jan-12	18	2	\$26.33	Yes	\$29.27	\$2.94
981	13-Jan-12	18	3	\$26.81	Yes	\$29.27	\$2.46
982	13-Jan-12	18	4	\$29.14	Yes	\$29.27	\$0.13
983	13-Jan-12	18	5	\$29.33	Yes	\$29.27	-\$0.06
984	13-Jan-12	18	6	\$30.61	Yes	\$29.27	-\$1.34
985	13-Jan-12	18	7	\$30.67	Yes	\$29.27	-\$1.40
986	13-Jan-12	18	8	\$33.19	Yes	\$29.27	-\$3.92
987	13-Jan-12	18	9	\$919.70	Yes	\$29.27	-\$890.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	13-Jan-12	18	10	\$76.69	Yes	\$29.27	-\$47.42
989	13-Jan-12	18	11	\$33.05	Yes	\$29.27	-\$3.78
990	13-Jan-12	18	12	\$32.02	Yes	\$29.27	-\$2.75
991	13-Jan-12	19	1	\$26.37	Yes	\$29.27	\$2.90
992	13-Jan-12	19	2	\$27.69	Yes	\$29.27	\$1.58
993	13-Jan-12	19	3	\$27.47	Yes	\$29.27	\$1.80
994	13-Jan-12	19	4	\$26.26	Yes	\$29.27	\$3.01
995	13-Jan-12	19	5	\$26.26	Yes	\$29.27	\$3.01
996	13-Jan-12	19	6	\$26.26	Yes	\$29.27	\$3.01
997	13-Jan-12	19	7	\$26.40	Yes	\$29.27	\$2.87
998	13-Jan-12	19	8	\$26.48	Yes	\$29.27	\$2.79
999	13-Jan-12	19	9	\$26.48	Yes	\$29.27	\$2.79
1000	13-Jan-12	19	10	\$26.39	Yes	\$29.27	\$2.88
1001	13-Jan-12	19	11	\$26.39	Yes	\$29.27	\$2.88
1002	13-Jan-12	19	12	\$27.59	Yes	\$29.27	\$1.68
1003	13-Jan-12	20	1	\$27.87	Yes	\$29.27	\$1.40
1004	13-Jan-12	20	2	\$30.03	Yes	\$29.27	-\$0.76
1005	13-Jan-12	20	3	\$29.83	Yes	\$29.27	-\$0.56
1006	13-Jan-12	20	4	\$30.79	Yes	\$29.27	-\$1.52
1007	13-Jan-12	20	5	\$30.08	Yes	\$29.27	-\$0.81
1008	13-Jan-12	20	6	\$30.01	Yes	\$29.27	-\$0.74
1009	13-Jan-12	20	7	\$29.51	Yes	\$29.27	-\$0.24
1010	13-Jan-12	20	8	\$33.21	Yes	\$29.27	-\$3.94
1011	13-Jan-12	20	9	\$29.55	Yes	\$29.27	-\$0.28
1012	13-Jan-12	20	10	\$29.00	Yes	\$29.27	\$0.27
1013	13-Jan-12	20	11	\$27.85	Yes	\$29.27	\$1.42
1014	13-Jan-12	20	12	\$30.68	Yes	\$29.27	-\$1.41
1015	13-Jan-12	21	1	\$32.16	Yes	\$29.27	-\$2.89
1016	13-Jan-12	21	2	\$37.88	Yes	\$29.27	-\$8.61
1017	13-Jan-12	21	3	\$78.41	Yes	\$29.27	-\$49.14
1018	13-Jan-12	21	4	\$32.18	Yes	\$29.27	-\$2.91
1019	13-Jan-12	21	5	\$31.74	Yes	\$29.27	-\$2.47
1020	13-Jan-12	21	6	\$30.61	Yes	\$29.27	-\$1.34
1021	13-Jan-12	21	7	\$29.58	Yes	\$29.27	-\$0.31
1022	13-Jan-12	21	8	\$28.26	Yes	\$29.27	\$1.01
1023	13-Jan-12	21	9	\$28.26	Yes	\$29.27	\$1.01
1024	13-Jan-12	21	10	\$27.52	Yes	\$29.27	\$1.75
1025	13-Jan-12	21	11	\$27.82	Yes	\$29.27	\$1.45
1026	13-Jan-12	21	12	\$27.82	Yes	\$29.27	\$1.45
1027	13-Jan-12	22	1	\$31.06	Yes	\$29.27	-\$1.79
1028	13-Jan-12	22	2	\$30.66	Yes	\$29.27	-\$1.39
1029	13-Jan-12	22	3	\$30.66	Yes	\$29.27	-\$1.39
1030	13-Jan-12	22	4	\$29.58	Yes	\$29.27	-\$0.31
1031	13-Jan-12	22	5	\$29.20	Yes	\$29.27	\$0.07
1032	13-Jan-12	22	6	\$29.00	Yes	\$29.27	\$0.27

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	13-Jan-12	22	7	\$28.26	Yes	\$29.27	\$1.01
1034	13-Jan-12	22	8	\$25.57	Yes	\$29.27	\$3.70
1035	13-Jan-12	22	9	\$25.57	Yes	\$29.27	\$3.70
1036	13-Jan-12	22	10	\$25.45	Yes	\$29.27	\$3.82
1037	13-Jan-12	22	11	\$25.45	Yes	\$29.27	\$3.82
1038	13-Jan-12	22	12	\$25.45	Yes	\$29.27	\$3.82
1039	13-Jan-12	23	1	\$29.07	Yes	\$29.27	\$0.20
1040	13-Jan-12	23	2	\$29.30	Yes	\$29.27	-\$0.03
1041	13-Jan-12	23	3	\$29.29	Yes	\$29.27	-\$0.02
1042	13-Jan-12	23	4	\$29.07	Yes	\$29.27	\$0.20
1043	13-Jan-12	23	5	\$29.07	Yes	\$29.27	\$0.20
1044	13-Jan-12	23	6	\$28.78	Yes	\$29.27	\$0.49
1045	13-Jan-12	23	7	\$25.31	Yes	\$29.27	\$3.96
1046	13-Jan-12	23	8	\$24.67	Yes	\$29.27	\$4.60
1047	13-Jan-12	23	9	\$23.46	Yes	\$29.27	\$5.81
1048	13-Jan-12	23	10	\$22.67	Yes	\$29.27	\$6.60
1049	13-Jan-12	23	11	\$22.67	Yes	\$29.27	\$6.60
1050	13-Jan-12	23	12	\$24.67	Yes	\$29.27	\$4.60
1051	13-Jan-12	24	1	\$25.12	Yes	\$29.27	\$4.15
1052	13-Jan-12	24	2	\$36.75	Yes	\$29.27	-\$7.48
1053	13-Jan-12	24	3	\$34.36	Yes	\$29.27	-\$5.09
1054	13-Jan-12	24	4	\$31.13	Yes	\$29.27	-\$1.86
1055	13-Jan-12	24	5	\$31.13	Yes	\$29.27	-\$1.86
1056	13-Jan-12	24	6	\$29.01	Yes	\$29.27	\$0.26
1057	13-Jan-12	24	7	\$28.46	Yes	\$29.27	\$0.81
1058	13-Jan-12	24	8	\$27.05	Yes	\$29.27	\$2.22
1059	13-Jan-12	24	9	\$25.16	Yes	\$29.27	\$4.11
1060	13-Jan-12	24	10	\$25.13	Yes	\$29.27	\$4.14
1061	13-Jan-12	24	11	\$25.13	Yes	\$29.27	\$4.14
1062	13-Jan-12	24	12	\$24.71	Yes	\$29.27	\$4.56
1063	14-Jan-12	1	1	\$25.98	Yes	\$29.02	\$3.04
1064	14-Jan-12	1	2	\$27.34	Yes	\$29.02	\$1.68
1065	14-Jan-12	1	3	\$28.24	Yes	\$29.02	\$0.78
1066	14-Jan-12	1	4	\$25.21	Yes	\$29.02	\$3.81
1067	14-Jan-12	1	5	\$25.21	Yes	\$29.02	\$3.81
1068	14-Jan-12	1	6	\$24.65	Yes	\$29.02	\$4.37
1069	14-Jan-12	1	7	\$23.71	Yes	\$29.02	\$5.31
1070	14-Jan-12	1	8	\$25.06	Yes	\$29.02	\$3.96
1071	14-Jan-12	1	9	\$24.51	Yes	\$29.02	\$4.51
1072	14-Jan-12	1	10	\$20.05	Yes	\$29.02	\$8.97
1073	14-Jan-12	1	11	\$20.21	Yes	\$29.02	\$8.81
1074	14-Jan-12	1	12	\$21.25	Yes	\$29.02	\$7.77
1075	14-Jan-12	2	1	\$22.89	Yes	\$29.02	\$6.13
1076	14-Jan-12	2	2	\$23.55	Yes	\$29.02	\$5.47
1077	14-Jan-12	2	3	\$22.89	Yes	\$29.02	\$6.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	14-Jan-12	2	4	\$22.55	Yes	\$29.02	\$6.47
1079	14-Jan-12	2	5	\$22.40	Yes	\$29.02	\$6.62
1080	14-Jan-12	2	6	\$22.09	Yes	\$29.02	\$6.93
1081	14-Jan-12	2	7	\$22.15	Yes	\$29.02	\$6.87
1082	14-Jan-12	2	8	\$20.18	Yes	\$29.02	\$8.84
1083	14-Jan-12	2	9	\$20.35	Yes	\$29.02	\$8.67
1084	14-Jan-12	2	10	\$22.18	Yes	\$29.02	\$6.84
1085	14-Jan-12	2	11	\$21.53	Yes	\$29.02	\$7.49
1086	14-Jan-12	2	12	\$21.98	Yes	\$29.02	\$7.04
1087	14-Jan-12	3	1	\$22.32	Yes	\$29.02	\$6.70
1088	14-Jan-12	3	2	\$24.42	Yes	\$29.02	\$4.60
1089	14-Jan-12	3	3	\$24.42	Yes	\$29.02	\$4.60
1090	14-Jan-12	3	4	\$22.55	Yes	\$29.02	\$6.47
1091	14-Jan-12	3	5	\$22.55	Yes	\$29.02	\$6.47
1092	14-Jan-12	3	6	\$22.54	Yes	\$29.02	\$6.48
1093	14-Jan-12	3	7	\$22.56	Yes	\$29.02	\$6.46
1094	14-Jan-12	3	8	\$22.21	Yes	\$29.02	\$6.81
1095	14-Jan-12	3	9	\$22.20	Yes	\$29.02	\$6.82
1096	14-Jan-12	3	10	\$22.47	Yes	\$29.02	\$6.55
1097	14-Jan-12	3	11	\$22.17	Yes	\$29.02	\$6.85
1098	14-Jan-12	3	12	\$20.61	Yes	\$29.02	\$8.41
1099	14-Jan-12	4	1	\$22.16	Yes	\$29.02	\$6.86
1100	14-Jan-12	4	2	\$21.75	Yes	\$29.02	\$7.27
1101	14-Jan-12	4	3	\$22.51	Yes	\$29.02	\$6.51
1102	14-Jan-12	4	4	\$22.15	Yes	\$29.02	\$6.87
1103	14-Jan-12	4	5	\$22.50	Yes	\$29.02	\$6.52
1104	14-Jan-12	4	6	\$20.25	Yes	\$29.02	\$8.77
1105	14-Jan-12	4	7	\$22.15	Yes	\$29.02	\$6.87
1106	14-Jan-12	4	8	\$21.74	Yes	\$29.02	\$7.28
1107	14-Jan-12	4	9	\$21.74	Yes	\$29.02	\$7.28
1108	14-Jan-12	4	10	\$21.84	Yes	\$29.02	\$7.18
1109	14-Jan-12	4	11	\$22.57	Yes	\$29.02	\$6.45
1110	14-Jan-12	4	12	\$22.57	Yes	\$29.02	\$6.45
1111	14-Jan-12	5	1	\$20.10	Yes	\$29.02	\$8.92
1112	14-Jan-12	5	2	\$19.98	Yes	\$29.02	\$9.04
1113	14-Jan-12	5	3	\$19.98	Yes	\$29.02	\$9.04
1114	14-Jan-12	5	4	\$20.05	Yes	\$29.02	\$8.97
1115	14-Jan-12	5	5	\$20.05	Yes	\$29.02	\$8.97
1116	14-Jan-12	5	6	\$20.05	Yes	\$29.02	\$8.97
1117	14-Jan-12	5	7	\$20.14	Yes	\$29.02	\$8.88
1118	14-Jan-12	5	8	\$20.11	Yes	\$29.02	\$8.91
1119	14-Jan-12	5	9	\$20.11	Yes	\$29.02	\$8.91
1120	14-Jan-12	5	10	\$21.00	Yes	\$29.02	\$8.02
1121	14-Jan-12	5	11	\$21.00	Yes	\$29.02	\$8.02
1122	14-Jan-12	5	12	\$21.00	Yes	\$29.02	\$8.02

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1123	14-Jan-12	6	1	\$19.98	Yes	\$29.02	\$9.04
1124	14-Jan-12	6	2	\$19.98	Yes	\$29.02	\$9.04
1125	14-Jan-12	6	3	\$19.98	Yes	\$29.02	\$9.04
1126	14-Jan-12	6	4	\$21.06	Yes	\$29.02	\$7.96
1127	14-Jan-12	6	5	\$24.46	Yes	\$29.02	\$4.56
1128	14-Jan-12	6	6	\$22.45	Yes	\$29.02	\$6.57
1129	14-Jan-12	6	7	\$24.48	Yes	\$29.02	\$4.54
1130	14-Jan-12	6	8	\$24.90	Yes	\$29.02	\$4.12
1131	14-Jan-12	6	9	\$25.13	Yes	\$29.02	\$3.89
1132	14-Jan-12	6	10	\$25.56	Yes	\$29.02	\$3.46
1133	14-Jan-12	6	11	\$25.56	Yes	\$29.02	\$3.46
1134	14-Jan-12	6	12	\$27.03	Yes	\$29.02	\$1.99
1135	14-Jan-12	7	1	\$27.33	Yes	\$29.02	\$1.69
1136	14-Jan-12	7	2	\$27.33	Yes	\$29.02	\$1.69
1137	14-Jan-12	7	3	\$27.41	Yes	\$29.02	\$1.61
1138	14-Jan-12	7	4	\$27.97	Yes	\$29.02	\$1.05
1139	14-Jan-12	7	5	\$27.97	Yes	\$29.02	\$1.05
1140	14-Jan-12	7	6	\$28.40	Yes	\$29.02	\$0.62
1141	14-Jan-12	7	7	\$29.27	Yes	\$29.02	-\$0.25
1142	14-Jan-12	7	8	\$29.39	Yes	\$29.02	-\$0.37
1143	14-Jan-12	7	9	\$29.39	Yes	\$29.02	-\$0.37
1144	14-Jan-12	7	10	\$29.40	Yes	\$29.02	-\$0.38
1145	14-Jan-12	7	11	\$29.40	Yes	\$29.02	-\$0.38
1146	14-Jan-12	7	12	\$30.09	Yes	\$29.02	-\$1.07
1147	14-Jan-12	8	1	\$24.52	Yes	\$29.02	\$4.50
1148	14-Jan-12	8	2	\$25.44	Yes	\$29.02	\$3.58
1149	14-Jan-12	8	3	\$25.44	Yes	\$29.02	\$3.58
1150	14-Jan-12	8	4	\$25.57	Yes	\$29.02	\$3.45
1151	14-Jan-12	8	5	\$25.57	Yes	\$29.02	\$3.45
1152	14-Jan-12	8	6	\$26.05	Yes	\$29.02	\$2.97
1153	14-Jan-12	8	7	\$26.10	Yes	\$29.02	\$2.92
1154	14-Jan-12	8	8	\$26.37	Yes	\$29.02	\$2.65
1155	14-Jan-12	8	9	\$26.37	Yes	\$29.02	\$2.65
1156	14-Jan-12	8	10	\$26.46	Yes	\$29.02	\$2.56
1157	14-Jan-12	8	11	\$26.46	Yes	\$29.02	\$2.56
1158	14-Jan-12	8	12	\$26.46	Yes	\$29.02	\$2.56
1159	14-Jan-12	9	1	\$22.87	Yes	\$29.02	\$6.15
1160	14-Jan-12	9	2	\$23.25	Yes	\$29.02	\$5.77
1161	14-Jan-12	9	3	\$23.25	Yes	\$29.02	\$5.77
1162	14-Jan-12	9	4	\$23.27	Yes	\$29.02	\$5.75
1163	14-Jan-12	9	5	\$24.59	Yes	\$29.02	\$4.43
1164	14-Jan-12	9	6	\$24.51	Yes	\$29.02	\$4.51
1165	14-Jan-12	9	7	\$25.69	Yes	\$29.02	\$3.33
1166	14-Jan-12	9	8	\$26.80	Yes	\$29.02	\$2.22
1167	14-Jan-12	9	9	\$27.56	Yes	\$29.02	\$1.46

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1168	14-Jan-12	9	10	\$27.30	Yes	\$29.02	\$1.72
1169	14-Jan-12	9	11	\$26.79	Yes	\$29.02	\$2.23
1170	14-Jan-12	9	12	\$25.90	Yes	\$29.02	\$3.12
1171	14-Jan-12	10	1	\$22.74	Yes	\$29.02	\$6.28
1172	14-Jan-12	10	2	\$22.74	Yes	\$29.02	\$6.28
1173	14-Jan-12	10	3	\$22.74	Yes	\$29.02	\$6.28
1174	14-Jan-12	10	4	\$23.97	Yes	\$29.02	\$5.05
1175	14-Jan-12	10	5	\$24.58	Yes	\$29.02	\$4.44
1176	14-Jan-12	10	6	\$24.49	Yes	\$29.02	\$4.53
1177	14-Jan-12	10	7	\$25.08	Yes	\$29.02	\$3.94
1178	14-Jan-12	10	8	\$26.51	Yes	\$29.02	\$2.51
1179	14-Jan-12	10	9	\$26.73	Yes	\$29.02	\$2.29
1180	14-Jan-12	10	10	\$27.72	Yes	\$29.02	\$1.30
1181	14-Jan-12	10	11	\$27.70	Yes	\$29.02	\$1.32
1182	14-Jan-12	10	12	\$32.82	Yes	\$29.02	-\$3.80
1183	14-Jan-12	11	1	\$31.51	Yes	\$29.02	-\$2.49
1184	14-Jan-12	11	2	\$32.51	Yes	\$29.02	-\$3.49
1185	14-Jan-12	11	3	\$33.64	Yes	\$29.02	-\$4.62
1186	14-Jan-12	11	4	\$34.86	Yes	\$29.02	-\$5.84
1187	14-Jan-12	11	5	\$35.49	Yes	\$29.02	-\$6.47
1188	14-Jan-12	11	6	\$33.53	Yes	\$29.02	-\$4.51
1189	14-Jan-12	11	7	\$32.50	Yes	\$29.02	-\$3.48
1190	14-Jan-12	11	8	\$33.05	Yes	\$29.02	-\$4.03
1191	14-Jan-12	11	9	\$32.77	Yes	\$29.02	-\$3.75
1192	14-Jan-12	11	10	\$33.07	Yes	\$29.02	-\$4.05
1193	14-Jan-12	11	11	\$29.26	Yes	\$29.02	-\$0.24
1194	14-Jan-12	11	12	\$29.93	Yes	\$29.02	-\$0.91
1195	14-Jan-12	12	1	\$30.31	Yes	\$29.02	-\$1.29
1196	14-Jan-12	12	2	\$29.13	Yes	\$29.02	-\$0.11
1197	14-Jan-12	12	3	\$29.13	Yes	\$29.02	-\$0.11
1198	14-Jan-12	12	4	\$28.79	Yes	\$29.02	\$0.23
1199	14-Jan-12	12	5	\$28.53	Yes	\$29.02	\$0.49
1200	14-Jan-12	12	6	\$28.47	Yes	\$29.02	\$0.55
1201	14-Jan-12	12	7	\$27.99	Yes	\$29.02	\$1.03
1202	14-Jan-12	12	8	\$27.62	Yes	\$29.02	\$1.40
1203	14-Jan-12	12	9	\$27.39	Yes	\$29.02	\$1.63
1204	14-Jan-12	12	10	\$26.37	Yes	\$29.02	\$2.65
1205	14-Jan-12	12	11	\$26.10	Yes	\$29.02	\$2.92
1206	14-Jan-12	12	12	\$25.76	Yes	\$29.02	\$3.26
1207	14-Jan-12	13	1	\$25.69	Yes	\$29.02	\$3.33
1208	14-Jan-12	13	2	\$25.69	Yes	\$29.02	\$3.33
1209	14-Jan-12	13	3	\$25.25	Yes	\$29.02	\$3.77
1210	14-Jan-12	13	4	\$25.19	Yes	\$29.02	\$3.83
1211	14-Jan-12	13	5	\$24.62	Yes	\$29.02	\$4.40
1212	14-Jan-12	13	6	\$24.53	Yes	\$29.02	\$4.49

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	14-Jan-12	13	7	\$24.51	Yes	\$29.02	\$4.51
1214	14-Jan-12	13	8	\$22.96	Yes	\$29.02	\$6.06
1215	14-Jan-12	13	9	\$22.95	Yes	\$29.02	\$6.07
1216	14-Jan-12	13	10	\$23.01	Yes	\$29.02	\$6.01
1217	14-Jan-12	13	11	\$22.91	Yes	\$29.02	\$6.11
1218	14-Jan-12	13	12	\$22.91	Yes	\$29.02	\$6.11
1219	14-Jan-12	14	1	\$23.28	Yes	\$29.02	\$5.74
1220	14-Jan-12	14	2	\$23.66	Yes	\$29.02	\$5.36
1221	14-Jan-12	14	3	\$23.66	Yes	\$29.02	\$5.36
1222	14-Jan-12	14	4	\$23.54	Yes	\$29.02	\$5.48
1223	14-Jan-12	14	5	\$23.36	Yes	\$29.02	\$5.66
1224	14-Jan-12	14	6	\$23.36	Yes	\$29.02	\$5.66
1225	14-Jan-12	14	7	\$23.36	Yes	\$29.02	\$5.66
1226	14-Jan-12	14	8	\$24.50	Yes	\$29.02	\$4.52
1227	14-Jan-12	14	9	\$23.55	Yes	\$29.02	\$5.47
1228	14-Jan-12	14	10	\$23.02	Yes	\$29.02	\$6.00
1229	14-Jan-12	14	11	\$23.55	Yes	\$29.02	\$5.47
1230	14-Jan-12	14	12	\$23.55	Yes	\$29.02	\$5.47
1231	14-Jan-12	15	1	\$23.63	Yes	\$29.02	\$5.39
1232	14-Jan-12	15	2	\$24.11	Yes	\$29.02	\$4.91
1233	14-Jan-12	15	3	\$24.52	Yes	\$29.02	\$4.50
1234	14-Jan-12	15	4	\$23.54	Yes	\$29.02	\$5.48
1235	14-Jan-12	15	5	\$23.46	Yes	\$29.02	\$5.56
1236	14-Jan-12	15	6	\$23.46	Yes	\$29.02	\$5.56
1237	14-Jan-12	15	7	\$23.41	Yes	\$29.02	\$5.61
1238	14-Jan-12	15	8	\$23.54	Yes	\$29.02	\$5.48
1239	14-Jan-12	15	9	\$22.99	Yes	\$29.02	\$6.03
1240	14-Jan-12	15	10	\$22.77	Yes	\$29.02	\$6.25
1241	14-Jan-12	15	11	\$22.77	Yes	\$29.02	\$6.25
1242	14-Jan-12	15	12	\$22.77	Yes	\$29.02	\$6.25
1243	14-Jan-12	16	1	\$22.55	Yes	\$29.02	\$6.47
1244	14-Jan-12	16	2	\$22.54	Yes	\$29.02	\$6.48
1245	14-Jan-12	16	3	\$22.46	Yes	\$29.02	\$6.56
1246	14-Jan-12	16	4	\$22.74	Yes	\$29.02	\$6.28
1247	14-Jan-12	16	5	\$22.74	Yes	\$29.02	\$6.28
1248	14-Jan-12	16	6	\$22.74	Yes	\$29.02	\$6.28
1249	14-Jan-12	16	7	\$22.52	Yes	\$30.35	\$7.83
1250	14-Jan-12	16	7	\$22.52	Yes	\$29.02	\$6.50
1251	14-Jan-12	16	8	\$22.62	Yes	\$30.35	\$7.73
1252	14-Jan-12	16	8	\$22.62	Yes	\$29.02	\$6.40
1253	14-Jan-12	16	9	\$22.81	Yes	\$30.35	\$7.54
1254	14-Jan-12	16	9	\$22.81	Yes	\$29.02	\$6.21
1255	14-Jan-12	16	10	\$23.37	Yes	\$30.35	\$6.98
1256	14-Jan-12	16	10	\$23.37	Yes	\$29.02	\$5.65
1257	14-Jan-12	16	11	\$23.50	Yes	\$30.35	\$6.85

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	14-Jan-12	16	11	\$23.50	Yes	\$29.02	\$5.52
1259	14-Jan-12	16	12	\$22.92	Yes	\$30.35	\$7.43
1260	14-Jan-12	16	12	\$22.92	Yes	\$29.02	\$6.10
1261	14-Jan-12	17	1	\$22.50	Yes	\$30.35	\$7.85
1262	14-Jan-12	17	2	\$22.66	Yes	\$30.35	\$7.69
1263	14-Jan-12	17	3	\$22.66	Yes	\$30.35	\$7.69
1264	14-Jan-12	17	4	\$22.76	Yes	\$30.35	\$7.59
1265	14-Jan-12	17	5	\$22.76	Yes	\$30.35	\$7.59
1266	14-Jan-12	17	6	\$23.55	Yes	\$30.35	\$6.80
1267	14-Jan-12	17	7	\$23.75	Yes	\$30.35	\$6.60
1268	14-Jan-12	17	8	\$25.85	Yes	\$30.35	\$4.50
1269	14-Jan-12	17	9	\$26.27	Yes	\$30.35	\$4.08
1270	14-Jan-12	17	10	\$26.59	Yes	\$30.35	\$3.76
1271	14-Jan-12	17	11	\$26.54	Yes	\$30.35	\$3.81
1272	14-Jan-12	17	12	\$28.88	Yes	\$30.35	\$1.47
1273	14-Jan-12	18	1	\$20.00	Yes	\$30.35	\$10.35
1274	14-Jan-12	18	2	\$20.00	Yes	\$30.35	\$10.35
1275	14-Jan-12	18	3	\$20.18	Yes	\$30.35	\$10.17
1276	14-Jan-12	18	4	\$24.51	Yes	\$30.35	\$5.84
1277	14-Jan-12	18	5	\$24.02	Yes	\$30.35	\$6.33
1278	14-Jan-12	18	6	\$27.78	Yes	\$30.35	\$2.57
1279	14-Jan-12	18	7	\$27.79	Yes	\$30.35	\$2.56
1280	14-Jan-12	18	8	\$105.37	Yes	\$30.35	-\$75.02
1281	14-Jan-12	18	9	\$105.37	Yes	\$30.35	-\$75.02
1282	14-Jan-12	18	10	\$105.37	Yes	\$30.35	-\$75.02
1283	14-Jan-12	18	11	\$91.95	Yes	\$30.35	-\$61.60
1284	14-Jan-12	18	12	\$29.75	Yes	\$30.35	\$0.60
1285	14-Jan-12	19	1	\$26.57	Yes	\$30.35	\$3.78
1286	14-Jan-12	19	2	\$26.57	Yes	\$30.35	\$3.78
1287	14-Jan-12	19	3	\$26.57	Yes	\$30.35	\$3.78
1288	14-Jan-12	19	4	\$27.50	Yes	\$30.35	\$2.85
1289	14-Jan-12	19	5	\$27.57	Yes	\$30.35	\$2.78
1290	14-Jan-12	19	6	\$27.50	Yes	\$30.35	\$2.85
1291	14-Jan-12	19	7	\$26.63	Yes	\$30.35	\$3.72
1292	14-Jan-12	19	8	\$26.70	Yes	\$30.35	\$3.65
1293	14-Jan-12	19	9	\$26.70	Yes	\$30.35	\$3.65
1294	14-Jan-12	19	10	\$27.44	Yes	\$30.35	\$2.91
1295	14-Jan-12	19	11	\$26.99	Yes	\$30.35	\$3.36
1296	14-Jan-12	19	12	\$25.70	Yes	\$30.35	\$4.65
1297	14-Jan-12	20	1	\$25.45	Yes	\$30.35	\$4.90
1298	14-Jan-12	20	2	\$25.43	Yes	\$30.35	\$4.92
1299	14-Jan-12	20	3	\$25.43	Yes	\$30.35	\$4.92
1300	14-Jan-12	20	4	\$23.32	Yes	\$30.35	\$7.03
1301	14-Jan-12	20	5	\$23.32	Yes	\$30.35	\$7.03
1302	14-Jan-12	20	6	\$23.32	Yes	\$30.35	\$7.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	14-Jan-12	20	7	\$23.36	Yes	\$30.35	\$6.99
1304	14-Jan-12	20	8	\$24.46	Yes	\$30.35	\$5.89
1305	14-Jan-12	20	9	\$24.46	Yes	\$30.35	\$5.89
1306	14-Jan-12	20	10	\$23.33	Yes	\$30.35	\$7.02
1307	14-Jan-12	20	11	\$23.33	Yes	\$30.35	\$7.02
1308	14-Jan-12	20	12	\$26.51	Yes	\$30.35	\$3.84
1309	14-Jan-12	21	1	\$27.84	Yes	\$29.02	\$1.18
1310	14-Jan-12	21	2	\$31.17	Yes	\$29.02	-\$2.15
1311	14-Jan-12	21	3	\$953.00	Yes	\$29.02	-\$923.98
1312	14-Jan-12	21	4	\$35.33	Yes	\$29.02	-\$6.31
1313	14-Jan-12	21	5	\$30.35	Yes	\$29.02	-\$1.33
1314	14-Jan-12	21	6	\$30.35	Yes	\$29.02	-\$1.33
1315	14-Jan-12	21	7	\$27.48	Yes	\$29.02	\$1.54
1316	14-Jan-12	21	8	\$30.33	Yes	\$29.02	-\$1.31
1317	14-Jan-12	21	9	\$26.30	Yes	\$29.02	\$2.72
1318	14-Jan-12	21	10	\$24.61	Yes	\$29.02	\$4.41
1319	14-Jan-12	21	11	\$24.52	Yes	\$29.02	\$4.50
1320	14-Jan-12	21	12	\$27.22	Yes	\$29.02	\$1.80
1321	14-Jan-12	22	1	\$31.92	Yes	\$29.02	-\$2.90
1322	14-Jan-12	22	2	\$31.92	Yes	\$29.02	-\$2.90
1323	14-Jan-12	22	3	\$31.92	Yes	\$29.02	-\$2.90
1324	14-Jan-12	22	4	\$28.40	Yes	\$29.02	\$0.62
1325	14-Jan-12	22	5	\$27.78	Yes	\$29.02	\$1.24
1326	14-Jan-12	22	6	\$27.43	Yes	\$29.02	\$1.59
1327	14-Jan-12	22	7	\$26.50	Yes	\$29.02	\$2.52
1328	14-Jan-12	22	8	\$25.26	Yes	\$29.02	\$3.76
1329	14-Jan-12	22	9	\$23.29	Yes	\$29.02	\$5.73
1330	14-Jan-12	22	10	\$23.06	Yes	\$29.02	\$5.96
1331	14-Jan-12	22	11	\$23.06	Yes	\$29.02	\$5.96
1332	14-Jan-12	22	12	\$22.24	Yes	\$29.02	\$6.78
1333	14-Jan-12	23	1	\$27.11	Yes	\$29.02	\$1.91
1334	14-Jan-12	23	2	\$28.13	Yes	\$29.02	\$0.89
1335	14-Jan-12	23	3	\$28.13	Yes	\$29.02	\$0.89
1336	14-Jan-12	23	4	\$26.13	Yes	\$29.02	\$2.89
1337	14-Jan-12	23	5	\$25.41	Yes	\$29.02	\$3.61
1338	14-Jan-12	23	6	\$24.41	Yes	\$29.02	\$4.61
1339	14-Jan-12	23	7	\$22.99	Yes	\$29.02	\$6.03
1340	14-Jan-12	23	8	\$23.12	Yes	\$29.02	\$5.90
1341	14-Jan-12	23	9	\$22.66	Yes	\$29.02	\$6.36
1342	14-Jan-12	23	10	\$22.62	Yes	\$29.02	\$6.40
1343	14-Jan-12	23	11	\$20.37	Yes	\$29.02	\$8.65
1344	14-Jan-12	23	12	\$25.72	Yes	\$29.02	\$3.30
1345	14-Jan-12	24	1	\$28.51	Yes	\$29.02	\$0.51
1346	14-Jan-12	24	2	\$28.00	Yes	\$29.02	\$1.02
1347	14-Jan-12	24	3	\$27.32	Yes	\$29.02	\$1.70

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	14-Jan-12	24	4	\$25.63	Yes	\$29.02	\$3.39
1349	14-Jan-12	24	5	\$24.46	Yes	\$29.02	\$4.56
1350	14-Jan-12	24	6	\$22.61	Yes	\$29.02	\$6.41
1351	14-Jan-12	24	7	\$22.79	Yes	\$29.02	\$6.23
1352	14-Jan-12	24	8	\$22.72	Yes	\$29.02	\$6.30
1353	14-Jan-12	24	9	\$22.72	Yes	\$29.02	\$6.30
1354	14-Jan-12	24	10	\$22.22	Yes	\$29.02	\$6.80
1355	14-Jan-12	24	11	\$21.58	Yes	\$29.02	\$7.44
1356	14-Jan-12	24	12	\$20.64	Yes	\$29.02	\$8.38
1357	15-Jan-12	16	3	\$20.03	Yes	\$30.35	\$10.32
1358	15-Jan-12	16	4	\$19.38	Yes	\$30.35	\$10.97
1359	15-Jan-12	16	5	\$20.23	Yes	\$30.35	\$10.12
1360	15-Jan-12	16	6	\$20.02	Yes	\$30.35	\$10.33
1361	15-Jan-12	16	7	\$20.22	Yes	\$30.35	\$10.13
1362	15-Jan-12	16	8	\$20.98	Yes	\$30.35	\$9.37
1363	15-Jan-12	16	9	\$20.98	Yes	\$30.35	\$9.37
1364	15-Jan-12	16	10	\$21.58	Yes	\$30.35	\$8.77
1365	15-Jan-12	16	11	\$21.58	Yes	\$30.35	\$8.77
1366	15-Jan-12	16	12	\$22.21	Yes	\$30.35	\$8.14
1367	15-Jan-12	17	1	\$19.13	Yes	\$30.35	\$11.22
1368	15-Jan-12	17	2	\$20.25	Yes	\$30.35	\$10.10
1369	15-Jan-12	17	3	\$22.20	Yes	\$30.35	\$8.15
1370	15-Jan-12	17	4	\$22.26	Yes	\$30.35	\$8.09
1371	15-Jan-12	17	5	\$22.34	Yes	\$30.35	\$8.01
1372	15-Jan-12	17	6	\$23.08	Yes	\$30.35	\$7.27
1373	15-Jan-12	17	7	\$23.61	Yes	\$30.35	\$6.74
1374	15-Jan-12	17	8	\$24.22	Yes	\$30.35	\$6.13
1375	15-Jan-12	17	9	\$25.31	Yes	\$30.35	\$5.04
1376	15-Jan-12	17	10	\$25.47	Yes	\$30.35	\$4.88
1377	15-Jan-12	17	11	\$26.51	Yes	\$30.35	\$3.84
1378	15-Jan-12	17	12	\$27.22	Yes	\$30.35	\$3.13
1379	15-Jan-12	18	1	\$21.79	Yes	\$30.35	\$8.56
1380	15-Jan-12	18	2	\$20.96	Yes	\$30.35	\$9.39
1381	15-Jan-12	18	3	\$22.91	Yes	\$30.35	\$7.44
1382	15-Jan-12	18	4	\$24.28	Yes	\$30.35	\$6.07
1383	15-Jan-12	18	5	\$27.46	Yes	\$30.35	\$2.89
1384	15-Jan-12	18	6	\$28.30	Yes	\$30.35	\$2.05
1385	15-Jan-12	18	7	\$32.23	Yes	\$30.35	-\$1.88
1386	15-Jan-12	18	8	\$63.51	Yes	\$30.35	-\$33.16
1387	15-Jan-12	18	9	\$105.29	Yes	\$30.35	-\$74.94
1388	15-Jan-12	18	10	\$951.96	Yes	\$30.35	-\$921.61
1389	15-Jan-12	18	11	\$41.21	Yes	\$30.35	-\$10.86
1390	15-Jan-12	18	12	\$952.10	Yes	\$30.35	-\$921.75
1391	15-Jan-12	19	1	\$42.34	Yes	\$30.35	-\$11.99
1392	15-Jan-12	19	2	\$36.04	Yes	\$30.35	-\$5.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	15-Jan-12	19	3	\$36.09	Yes	\$30.35	-\$5.74
1394	15-Jan-12	19	4	\$35.92	Yes	\$30.35	-\$5.57
1395	15-Jan-12	19	5	\$31.25	Yes	\$30.35	-\$0.90
1396	15-Jan-12	19	6	\$25.37	Yes	\$30.35	\$4.98
1397	15-Jan-12	19	7	\$28.09	Yes	\$30.35	\$2.26
1398	15-Jan-12	19	8	\$25.90	Yes	\$30.35	\$4.45
1399	15-Jan-12	19	9	\$25.90	Yes	\$30.35	\$4.45
1400	15-Jan-12	19	10	\$25.66	Yes	\$30.35	\$4.69
1401	15-Jan-12	19	11	\$25.66	Yes	\$30.35	\$4.69
1402	15-Jan-12	19	12	\$26.09	Yes	\$30.35	\$4.26
1403	15-Jan-12	20	1	\$23.65	Yes	\$30.35	\$6.70
1404	15-Jan-12	20	2	\$23.82	Yes	\$30.35	\$6.53
1405	15-Jan-12	20	3	\$24.53	Yes	\$30.35	\$5.82
1406	15-Jan-12	20	4	\$23.68	Yes	\$30.35	\$6.67
1407	15-Jan-12	20	5	\$23.74	Yes	\$30.35	\$6.61
1408	15-Jan-12	20	6	\$23.68	Yes	\$30.35	\$6.67
1409	15-Jan-12	20	7	\$23.70	Yes	\$30.35	\$6.65
1410	15-Jan-12	20	8	\$23.66	Yes	\$30.35	\$6.69
1411	15-Jan-12	20	9	\$23.66	Yes	\$30.35	\$6.69
1412	15-Jan-12	20	10	\$23.65	Yes	\$30.35	\$6.70
1413	15-Jan-12	20	11	\$23.65	Yes	\$30.35	\$6.70
1414	15-Jan-12	20	12	\$23.82	Yes	\$30.35	\$6.53
1415	15-Jan-12	21	1	\$25.08	Yes	\$30.35	\$5.27
1416	15-Jan-12	21	2	\$26.57	Yes	\$30.35	\$3.78
1417	15-Jan-12	21	3	\$30.28	Yes	\$30.35	\$0.07
1418	15-Jan-12	21	4	\$28.86	Yes	\$30.35	\$1.49
1419	15-Jan-12	21	5	\$28.55	Yes	\$30.35	\$1.80
1420	15-Jan-12	21	6	\$25.92	Yes	\$30.35	\$4.43
1421	15-Jan-12	21	7	\$26.58	Yes	\$30.35	\$3.77
1422	15-Jan-12	21	8	\$26.62	Yes	\$30.35	\$3.73
1423	15-Jan-12	21	9	\$25.91	Yes	\$30.35	\$4.44
1424	15-Jan-12	21	10	\$24.67	Yes	\$30.35	\$5.68
1425	15-Jan-12	21	11	\$24.76	Yes	\$30.35	\$5.59
1426	15-Jan-12	21	12	\$23.56	Yes	\$30.35	\$6.79
1427	15-Jan-12	24	1	\$22.98	Yes	\$29.02	\$6.04
1428	15-Jan-12	24	2	\$22.04	Yes	\$29.02	\$6.98
1429	15-Jan-12	24	3	\$22.04	Yes	\$29.02	\$6.98
1430	15-Jan-12	24	4	\$22.84	Yes	\$29.02	\$6.18
1431	15-Jan-12	24	5	\$22.45	Yes	\$29.02	\$6.57
1432	15-Jan-12	24	6	\$22.21	Yes	\$29.02	\$6.81
1433	15-Jan-12	24	7	\$21.72	Yes	\$29.02	\$7.30
1434	15-Jan-12	24	8	\$20.24	Yes	\$29.02	\$8.78
1435	15-Jan-12	24	9	\$20.03	Yes	\$29.02	\$8.99
1436	15-Jan-12	24	10	\$18.87	Yes	\$29.02	\$10.15
1437	15-Jan-12	24	11	\$18.87	Yes	\$29.02	\$10.15

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1438	15-Jan-12	24	12	\$20.39	Yes	\$29.02	\$8.63
1439	16-Jan-12	16	4	\$22.44	Yes	\$30.35	\$7.91
1440	16-Jan-12	16	5	\$22.40	Yes	\$30.35	\$7.95
1441	16-Jan-12	16	6	\$22.40	Yes	\$30.35	\$7.95
1442	16-Jan-12	16	7	\$22.41	Yes	\$30.35	\$7.94
1443	16-Jan-12	16	8	\$22.61	Yes	\$30.35	\$7.74
1444	16-Jan-12	16	9	\$22.71	Yes	\$30.35	\$7.64
1445	16-Jan-12	16	10	\$22.48	Yes	\$30.35	\$7.87
1446	16-Jan-12	16	11	\$22.48	Yes	\$30.35	\$7.87
1447	16-Jan-12	16	12	\$22.97	Yes	\$30.35	\$7.38
1448	16-Jan-12	17	1	\$20.15	Yes	\$30.35	\$10.20
1449	16-Jan-12	17	2	\$22.33	Yes	\$30.35	\$8.02
1450	16-Jan-12	17	3	\$22.88	Yes	\$30.35	\$7.47
1451	16-Jan-12	17	4	\$22.87	Yes	\$30.35	\$7.48
1452	16-Jan-12	17	5	\$22.87	Yes	\$30.35	\$7.48
1453	16-Jan-12	17	6	\$23.19	Yes	\$30.35	\$7.16
1454	16-Jan-12	17	7	\$24.37	Yes	\$30.35	\$5.98
1455	16-Jan-12	17	8	\$24.25	Yes	\$30.35	\$6.10
1456	16-Jan-12	17	9	\$25.87	Yes	\$30.35	\$4.48
1457	16-Jan-12	17	10	\$30.69	Yes	\$30.35	-\$0.34
1458	16-Jan-12	17	11	\$25.64	Yes	\$30.35	\$4.71
1459	16-Jan-12	17	12	\$29.13	Yes	\$30.35	\$1.22
1460	16-Jan-12	18	1	\$20.98	Yes	\$30.35	\$9.37
1461	16-Jan-12	18	2	\$21.49	Yes	\$30.35	\$8.86
1462	16-Jan-12	18	3	\$21.43	Yes	\$30.35	\$8.92
1463	16-Jan-12	18	4	\$23.39	Yes	\$30.35	\$6.96
1464	16-Jan-12	18	5	\$23.90	Yes	\$30.35	\$6.45
1465	16-Jan-12	18	6	\$23.90	Yes	\$30.35	\$6.45
1466	16-Jan-12	18	7	\$24.74	Yes	\$30.35	\$5.61
1467	16-Jan-12	18	8	\$23.49	Yes	\$30.35	\$6.86
1468	16-Jan-12	18	9	\$26.08	Yes	\$30.35	\$4.27
1469	16-Jan-12	18	10	\$27.84	Yes	\$30.35	\$2.51
1470	16-Jan-12	18	11	\$27.98	Yes	\$30.35	\$2.37
1471	16-Jan-12	18	12	\$26.25	Yes	\$30.35	\$4.10
1472	16-Jan-12	19	1	\$25.18	Yes	\$30.35	\$5.17
1473	16-Jan-12	19	2	\$26.04	Yes	\$30.35	\$4.31
1474	16-Jan-12	19	3	\$26.50	Yes	\$30.35	\$3.85
1475	16-Jan-12	19	4	\$26.51	Yes	\$30.35	\$3.84
1476	16-Jan-12	19	5	\$27.10	Yes	\$30.35	\$3.25
1477	16-Jan-12	19	6	\$26.51	Yes	\$30.35	\$3.84
1478	16-Jan-12	19	7	\$26.36	Yes	\$30.35	\$3.99
1479	16-Jan-12	19	8	\$26.52	Yes	\$30.35	\$3.83
1480	16-Jan-12	19	9	\$26.52	Yes	\$30.35	\$3.83
1481	16-Jan-12	19	10	\$25.88	Yes	\$30.35	\$4.47
1482	16-Jan-12	19	11	\$25.88	Yes	\$30.35	\$4.47

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1483	16-Jan-12	19	12	\$26.49	Yes	\$30.35	\$3.86
1484	16-Jan-12	20	1	\$28.31	Yes	\$30.35	\$2.04
1485	16-Jan-12	20	2	\$28.45	Yes	\$30.35	\$1.90
1486	16-Jan-12	20	3	\$30.22	Yes	\$30.35	\$0.13
1487	16-Jan-12	20	4	\$27.72	Yes	\$30.35	\$2.63
1488	16-Jan-12	20	5	\$26.49	Yes	\$30.35	\$3.86
1489	16-Jan-12	20	6	\$27.80	Yes	\$30.35	\$2.55
1490	16-Jan-12	20	7	\$28.32	Yes	\$30.35	\$2.03
1491	16-Jan-12	20	8	\$27.75	Yes	\$30.35	\$2.60
1492	16-Jan-12	20	9	\$26.18	Yes	\$30.35	\$4.17
1493	16-Jan-12	20	10	\$26.48	Yes	\$30.35	\$3.87
1494	16-Jan-12	20	11	\$25.80	Yes	\$30.35	\$4.55
1495	16-Jan-12	20	12	\$24.67	Yes	\$30.35	\$5.68
1496	17-Jan-12	8	2	\$32.03	Yes	\$31.48	-\$0.55
1497	17-Jan-12	8	3	\$32.08	Yes	\$31.48	-\$0.60
1498	17-Jan-12	8	4	\$35.48	Yes	\$31.48	-\$4.00
1499	18-Jan-12	14	12	\$23.70	Yes	\$29.67	\$5.97
1500	18-Jan-12	15	1	\$24.58	Yes	\$29.67	\$5.09
1501	18-Jan-12	15	2	\$24.58	Yes	\$29.67	\$5.09
1502	18-Jan-12	15	3	\$24.58	Yes	\$29.67	\$5.09
1503	18-Jan-12	15	4	\$24.58	Yes	\$29.67	\$5.09
1504	18-Jan-12	15	5	\$24.58	Yes	\$29.67	\$5.09
1505	18-Jan-12	15	6	\$24.58	Yes	\$29.67	\$5.09
1506	18-Jan-12	15	7	\$24.58	Yes	\$29.67	\$5.09
1507	18-Jan-12	15	8	\$24.58	Yes	\$29.67	\$5.09
1508	18-Jan-12	15	9	\$23.01	Yes	\$29.67	\$6.66
1509	18-Jan-12	15	10	\$25.32	Yes	\$29.67	\$4.35
1510	18-Jan-12	15	11	\$23.76	Yes	\$29.67	\$5.91
1511	18-Jan-12	15	12	\$23.76	Yes	\$29.67	\$5.91
1512	18-Jan-12	16	1	\$23.25	Yes	\$29.67	\$6.42
1513	18-Jan-12	16	2	\$24.52	Yes	\$29.67	\$5.15
1514	18-Jan-12	16	3	\$24.80	Yes	\$29.67	\$4.87
1515	18-Jan-12	16	4	\$24.74	Yes	\$29.67	\$4.93
1516	18-Jan-12	16	5	\$24.74	Yes	\$29.67	\$4.93
1517	18-Jan-12	16	6	\$24.74	Yes	\$29.67	\$4.93
1518	18-Jan-12	16	7	\$25.25	Yes	\$29.67	\$4.42
1519	18-Jan-12	16	8	\$24.78	Yes	\$29.67	\$4.89
1520	18-Jan-12	16	9	\$26.83	Yes	\$29.67	\$2.84
1521	18-Jan-12	16	10	\$30.03	Yes	\$29.67	-\$0.36
1522	18-Jan-12	16	11	\$29.71	Yes	\$29.67	-\$0.04
1523	18-Jan-12	16	12	\$29.71	Yes	\$29.67	-\$0.04
1524	18-Jan-12	17	1	\$25.70	Yes	\$29.67	\$3.97
1525	18-Jan-12	17	2	\$26.79	Yes	\$29.67	\$2.88
1526	18-Jan-12	17	3	\$28.70	Yes	\$29.67	\$0.97
1527	18-Jan-12	17	4	\$28.12	Yes	\$29.67	\$1.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1528	18-Jan-12	17	5	\$30.32	Yes	\$29.67	-\$0.65
1529	18-Jan-12	17	6	\$28.12	Yes	\$29.67	\$1.55
1530	18-Jan-12	17	7	\$30.45	Yes	\$29.67	-\$0.78
1531	18-Jan-12	17	8	\$29.71	Yes	\$29.67	-\$0.04
1532	18-Jan-12	17	9	\$41.05	Yes	\$29.67	-\$11.38
1533	18-Jan-12	17	10	\$39.18	Yes	\$29.67	-\$9.51
1534	18-Jan-12	17	11	\$36.34	Yes	\$29.67	-\$6.67
1535	18-Jan-12	17	12	\$36.37	Yes	\$29.67	-\$6.70
1536	18-Jan-12	18	1	\$20.12	Yes	\$29.67	\$9.55
1537	18-Jan-12	18	2	\$22.10	Yes	\$29.67	\$7.57
1538	18-Jan-12	18	3	\$22.46	Yes	\$29.67	\$7.21
1539	18-Jan-12	18	4	\$24.28	Yes	\$29.67	\$5.39
1540	18-Jan-12	18	5	\$37.99	Yes	\$29.67	-\$8.32
1541	18-Jan-12	18	6	\$28.92	Yes	\$29.67	\$0.75
1542	18-Jan-12	18	7	\$22.34	Yes	\$29.67	\$7.33
1543	18-Jan-12	18	8	\$22.50	Yes	\$29.67	\$7.17
1544	18-Jan-12	18	9	\$24.37	Yes	\$29.67	\$5.30
1545	18-Jan-12	18	10	\$33.50	Yes	\$29.67	-\$3.83
1546	18-Jan-12	18	11	\$36.11	Yes	\$29.67	-\$6.44
1547	18-Jan-12	18	12	\$33.68	Yes	\$29.67	-\$4.01
1548	18-Jan-12	19	1	\$30.29	Yes	\$29.67	-\$0.62
1549	18-Jan-12	19	2	\$29.94	Yes	\$29.67	-\$0.27
1550	18-Jan-12	19	3	\$26.55	Yes	\$29.67	\$3.12
1551	18-Jan-12	19	4	\$29.04	Yes	\$29.67	\$0.63
1552	18-Jan-12	19	5	\$34.13	Yes	\$29.67	-\$4.46
1553	18-Jan-12	19	6	\$36.11	Yes	\$29.67	-\$6.44
1554	18-Jan-12	19	7	\$38.96	Yes	\$29.67	-\$9.29
1555	18-Jan-12	19	8	\$34.32	Yes	\$29.67	-\$4.65
1556	18-Jan-12	19	9	\$33.57	Yes	\$29.67	-\$3.90
1557	18-Jan-12	19	10	\$33.74	Yes	\$29.67	-\$4.07
1558	18-Jan-12	19	11	\$33.65	Yes	\$29.67	-\$3.98
1559	18-Jan-12	19	12	\$33.65	Yes	\$29.67	-\$3.98
1560	18-Jan-12	20	1	\$34.70	Yes	\$29.67	-\$5.03
1561	18-Jan-12	20	2	\$35.53	Yes	\$29.67	-\$5.86
1562	18-Jan-12	20	3	\$36.36	Yes	\$29.67	-\$6.69
1563	18-Jan-12	20	4	\$34.31	Yes	\$29.67	-\$4.64
1564	18-Jan-12	20	5	\$34.88	Yes	\$29.67	-\$5.21
1565	18-Jan-12	20	6	\$39.11	Yes	\$29.67	-\$9.44
1566	18-Jan-12	20	7	\$80.78	Yes	\$29.67	-\$51.11
1567	18-Jan-12	20	8	\$47.92	Yes	\$29.67	-\$18.25
1568	18-Jan-12	20	9	\$37.87	Yes	\$29.67	-\$8.20
1569	18-Jan-12	20	10	\$39.08	Yes	\$29.67	-\$9.41
1570	18-Jan-12	20	11	\$51.07	Yes	\$29.67	-\$21.40
1571	18-Jan-12	20	12	\$32.22	Yes	\$29.67	-\$2.55
1572	18-Jan-12	21	1	\$30.80	Yes	\$29.67	-\$1.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1573	18-Jan-12	21	2	\$35.17	Yes	\$29.67	-\$5.50
1574	18-Jan-12	21	3	\$39.52	Yes	\$29.67	-\$9.85
1575	18-Jan-12	21	4	\$40.03	Yes	\$29.67	-\$10.36
1576	18-Jan-12	21	5	\$38.50	Yes	\$29.67	-\$8.83
1577	18-Jan-12	21	6	\$34.11	Yes	\$29.67	-\$4.44
1578	18-Jan-12	21	7	\$33.52	Yes	\$29.67	-\$3.85
1579	18-Jan-12	21	8	\$33.52	Yes	\$29.67	-\$3.85
1580	18-Jan-12	21	9	\$29.91	Yes	\$29.67	-\$0.24
1581	18-Jan-12	21	10	\$30.62	Yes	\$29.67	-\$0.95
1582	18-Jan-12	21	11	\$30.65	Yes	\$29.67	-\$0.98
1583	18-Jan-12	21	12	\$33.29	Yes	\$29.67	-\$3.62
1584	19-Jan-12	11	3	\$28.25	Yes	\$29.45	\$1.20
1585	19-Jan-12	11	4	\$28.74	Yes	\$29.45	\$0.71
1586	19-Jan-12	11	5	\$28.88	Yes	\$29.45	\$0.57
1587	19-Jan-12	11	6	\$28.88	Yes	\$29.45	\$0.57
1588	19-Jan-12	11	7	\$28.83	Yes	\$29.45	\$0.62
1589	19-Jan-12	11	8	\$28.94	Yes	\$29.45	\$0.51
1590	19-Jan-12	11	9	\$28.94	Yes	\$29.45	\$0.51
1591	19-Jan-12	11	10	\$29.02	Yes	\$29.45	\$0.43
1592	19-Jan-12	11	11	\$29.40	Yes	\$29.45	\$0.05
1593	19-Jan-12	11	12	\$29.45	Yes	\$29.45	\$0.00
1594	19-Jan-12	12	1	\$29.73	Yes	\$29.45	-\$0.28
1595	19-Jan-12	12	2	\$29.52	Yes	\$29.45	-\$0.07
1596	19-Jan-12	12	3	\$29.45	Yes	\$29.45	\$0.00
1597	19-Jan-12	12	4	\$29.10	Yes	\$29.45	\$0.35
1598	19-Jan-12	12	5	\$29.10	Yes	\$29.45	\$0.35
1599	19-Jan-12	12	6	\$29.10	Yes	\$29.45	\$0.35
1600	19-Jan-12	12	7	\$29.01	Yes	\$29.45	\$0.44
1601	19-Jan-12	12	8	\$29.53	Yes	\$29.45	-\$0.08
1602	19-Jan-12	12	9	\$29.10	Yes	\$29.45	\$0.35
1603	19-Jan-12	12	10	\$29.11	Yes	\$29.45	\$0.34
1604	19-Jan-12	12	11	\$29.11	Yes	\$29.45	\$0.34
1605	19-Jan-12	12	12	\$28.54	Yes	\$29.45	\$0.91
1606	19-Jan-12	13	1	\$28.00	Yes	\$29.45	\$1.45
1607	19-Jan-12	13	2	\$28.10	Yes	\$29.45	\$1.35
1608	19-Jan-12	13	3	\$47.11	Yes	\$29.45	-\$17.66
1609	19-Jan-12	13	4	\$47.12	Yes	\$29.45	-\$17.67
1610	19-Jan-12	13	5	\$32.40	Yes	\$29.45	-\$2.95
1611	19-Jan-12	13	6	\$28.20	Yes	\$29.45	\$1.25
1612	19-Jan-12	13	7	\$28.35	Yes	\$29.45	\$1.10
1613	19-Jan-12	13	8	\$28.04	Yes	\$29.45	\$1.41
1614	19-Jan-12	13	9	\$28.04	Yes	\$29.45	\$1.41
1615	19-Jan-12	13	10	\$28.38	Yes	\$29.45	\$1.07
1616	19-Jan-12	13	11	\$27.50	Yes	\$29.45	\$1.95
1617	19-Jan-12	13	12	\$27.50	Yes	\$29.45	\$1.95

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1618	19-Jan-12	14	1	\$28.12	Yes	\$29.45	\$1.33
1619	19-Jan-12	14	2	\$28.12	Yes	\$29.45	\$1.33
1620	19-Jan-12	14	3	\$28.87	Yes	\$29.45	\$0.58
1621	19-Jan-12	14	4	\$28.23	Yes	\$29.45	\$1.22
1622	19-Jan-12	14	5	\$28.11	Yes	\$29.45	\$1.34
1623	19-Jan-12	14	6	\$28.23	Yes	\$29.45	\$1.22
1624	19-Jan-12	14	7	\$28.63	Yes	\$29.45	\$0.82
1625	19-Jan-12	14	8	\$28.02	Yes	\$29.45	\$1.43
1626	19-Jan-12	14	9	\$27.94	Yes	\$29.45	\$1.51
1627	19-Jan-12	14	10	\$27.46	Yes	\$29.45	\$1.99
1628	19-Jan-12	14	11	\$28.45	Yes	\$29.45	\$1.00
1629	19-Jan-12	14	12	\$28.56	Yes	\$29.45	\$0.89
1630	19-Jan-12	15	1	\$27.05	Yes	\$29.45	\$2.40
1631	19-Jan-12	15	2	\$29.10	Yes	\$29.45	\$0.35
1632	19-Jan-12	15	3	\$29.03	Yes	\$29.45	\$0.42
1633	19-Jan-12	15	4	\$28.94	Yes	\$29.45	\$0.51
1634	19-Jan-12	15	5	\$29.07	Yes	\$29.45	\$0.38
1635	19-Jan-12	15	6	\$28.87	Yes	\$29.45	\$0.58
1636	19-Jan-12	15	7	\$29.75	Yes	\$29.45	-\$0.30
1637	19-Jan-12	15	8	\$28.15	Yes	\$29.45	\$1.30
1638	19-Jan-12	15	9	\$29.33	Yes	\$29.45	\$0.12
1639	19-Jan-12	15	10	\$29.39	Yes	\$29.45	\$0.06
1640	19-Jan-12	15	11	\$29.45	Yes	\$29.45	\$0.00
1641	19-Jan-12	15	12	\$28.64	Yes	\$29.45	\$0.81
1642	19-Jan-12	16	1	\$28.43	Yes	\$29.45	\$1.02
1643	19-Jan-12	16	2	\$28.25	Yes	\$29.45	\$1.20
1644	19-Jan-12	16	3	\$28.28	Yes	\$29.45	\$1.17
1645	19-Jan-12	16	4	\$28.20	Yes	\$29.45	\$1.25
1646	19-Jan-12	16	5	\$28.20	Yes	\$29.45	\$1.25
1647	19-Jan-12	16	6	\$28.20	Yes	\$29.45	\$1.25
1648	19-Jan-12	16	7	\$28.19	Yes	\$29.45	\$1.26
1649	19-Jan-12	16	8	\$28.09	Yes	\$29.45	\$1.36
1650	19-Jan-12	16	9	\$28.24	Yes	\$29.45	\$1.21
1651	19-Jan-12	16	10	\$28.34	Yes	\$29.45	\$1.11
1652	19-Jan-12	16	11	\$28.69	Yes	\$29.45	\$0.76
1653	19-Jan-12	16	12	\$29.64	Yes	\$29.45	-\$0.19
1654	19-Jan-12	17	1	\$25.09	Yes	\$29.45	\$4.36
1655	19-Jan-12	17	2	\$27.16	Yes	\$29.45	\$2.29
1656	19-Jan-12	17	3	\$27.17	Yes	\$29.45	\$2.28
1657	19-Jan-12	17	4	\$27.02	Yes	\$29.45	\$2.43
1658	19-Jan-12	17	5	\$25.77	Yes	\$29.45	\$3.68
1659	19-Jan-12	17	6	\$27.14	Yes	\$29.45	\$2.31
1660	19-Jan-12	17	7	\$28.35	Yes	\$29.45	\$1.10
1661	19-Jan-12	17	8	\$29.65	Yes	\$29.45	-\$0.20
1662	19-Jan-12	17	9	\$28.43	Yes	\$29.45	\$1.02

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1663	19-Jan-12	17	10	\$30.83	Yes	\$29.45	-\$1.38
1664	19-Jan-12	17	11	\$28.90	Yes	\$29.45	\$0.55
1665	19-Jan-12	17	12	\$35.09	Yes	\$29.45	-\$5.64
1666	19-Jan-12	18	1	\$27.87	Yes	\$29.45	\$1.58
1667	19-Jan-12	18	2	\$25.90	Yes	\$29.45	\$3.55
1668	19-Jan-12	18	3	\$26.93	Yes	\$29.45	\$2.52
1669	19-Jan-12	18	4	\$27.88	Yes	\$29.45	\$1.57
1670	19-Jan-12	18	5	\$30.60	Yes	\$29.45	-\$1.15
1671	19-Jan-12	18	6	\$33.40	Yes	\$29.45	-\$3.95
1672	19-Jan-12	18	7	\$35.51	Yes	\$29.45	-\$6.06
1673	19-Jan-12	18	8	\$40.43	Yes	\$29.45	-\$10.98
1674	19-Jan-12	18	9	\$66.34	Yes	\$29.45	-\$36.89
1675	19-Jan-12	18	10	\$33.42	Yes	\$29.45	-\$3.97
1676	19-Jan-12	18	11	\$37.84	Yes	\$29.45	-\$8.39
1677	19-Jan-12	18	12	\$38.48	Yes	\$29.45	-\$9.03
1678	19-Jan-12	19	1	\$38.50	Yes	\$29.45	-\$9.05
1679	19-Jan-12	19	2	\$38.50	Yes	\$29.45	-\$9.05
1680	19-Jan-12	19	3	\$38.50	Yes	\$29.45	-\$9.05
1681	19-Jan-12	19	4	\$35.65	Yes	\$29.45	-\$6.20
1682	19-Jan-12	19	5	\$35.66	Yes	\$29.45	-\$6.21
1683	19-Jan-12	19	6	\$32.58	Yes	\$29.45	-\$3.13
1684	19-Jan-12	19	7	\$32.51	Yes	\$29.45	-\$3.06
1685	19-Jan-12	19	8	\$32.52	Yes	\$29.45	-\$3.07
1686	19-Jan-12	19	9	\$33.21	Yes	\$29.45	-\$3.76
1687	19-Jan-12	19	10	\$33.49	Yes	\$29.45	-\$4.04
1688	19-Jan-12	19	11	\$33.44	Yes	\$29.45	-\$3.99
1689	19-Jan-12	19	12	\$32.82	Yes	\$29.45	-\$3.37
1690	19-Jan-12	20	1	\$37.33	Yes	\$29.45	-\$7.88
1691	19-Jan-12	20	2	\$40.90	Yes	\$29.45	-\$11.45
1692	19-Jan-12	20	3	\$40.90	Yes	\$29.45	-\$11.45
1693	19-Jan-12	20	4	\$41.89	Yes	\$29.45	-\$12.44
1694	19-Jan-12	20	5	\$40.90	Yes	\$29.45	-\$11.45
1695	19-Jan-12	20	6	\$37.36	Yes	\$29.45	-\$7.91
1696	19-Jan-12	20	7	\$37.32	Yes	\$29.45	-\$7.87
1697	19-Jan-12	20	8	\$37.88	Yes	\$29.45	-\$8.43
1698	19-Jan-12	20	9	\$39.67	Yes	\$29.45	-\$10.22
1699	19-Jan-12	20	10	\$39.46	Yes	\$29.45	-\$10.01
1700	19-Jan-12	20	11	\$35.72	Yes	\$29.45	-\$6.27
1701	19-Jan-12	20	12	\$33.45	Yes	\$29.45	-\$4.00
1702	21-Jan-12	1	1	\$20.82	Yes	\$26.39	\$5.57
1703	21-Jan-12	1	2	\$18.95	Yes	\$26.39	\$7.44
1704	21-Jan-12	1	3	\$18.16	Yes	\$26.39	\$8.23
1705	21-Jan-12	1	4	\$18.50	Yes	\$26.39	\$7.89
1706	21-Jan-12	1	5	\$18.50	Yes	\$26.39	\$7.89
1707	21-Jan-12	1	6	\$20.87	Yes	\$26.39	\$5.52

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1708	21-Jan-12	1	7	\$18.51	Yes	\$26.39	\$7.88
1709	21-Jan-12	1	8	\$18.25	Yes	\$26.39	\$8.14
1710	21-Jan-12	1	9	\$17.95	Yes	\$26.39	\$8.44
1711	21-Jan-12	1	10	\$18.08	Yes	\$26.39	\$8.31
1712	21-Jan-12	1	11	\$18.27	Yes	\$26.39	\$8.12
1713	21-Jan-12	1	12	\$16.56	Yes	\$26.39	\$9.83
1714	21-Jan-12	2	1	\$24.57	Yes	\$26.39	\$1.82
1715	21-Jan-12	2	2	\$22.67	Yes	\$26.39	\$3.72
1716	21-Jan-12	2	3	\$22.67	Yes	\$26.39	\$3.72
1717	21-Jan-12	2	4	\$20.14	Yes	\$26.39	\$6.25
1718	21-Jan-12	2	5	\$19.56	Yes	\$26.39	\$6.83
1719	21-Jan-12	2	6	\$19.56	Yes	\$26.39	\$6.83
1720	21-Jan-12	2	7	\$18.93	Yes	\$26.39	\$7.46
1721	21-Jan-12	2	8	\$18.51	Yes	\$26.39	\$7.88
1722	21-Jan-12	2	9	\$18.51	Yes	\$26.39	\$7.88
1723	21-Jan-12	2	10	\$18.46	Yes	\$26.39	\$7.93
1724	21-Jan-12	2	11	\$18.46	Yes	\$26.39	\$7.93
1725	21-Jan-12	2	12	\$17.91	Yes	\$26.39	\$8.48
1726	21-Jan-12	3	1	\$18.65	Yes	\$26.39	\$7.74
1727	21-Jan-12	3	2	\$18.71	Yes	\$26.39	\$7.68
1728	21-Jan-12	3	3	\$18.71	Yes	\$26.39	\$7.68
1729	21-Jan-12	3	4	\$18.61	Yes	\$26.39	\$7.78
1730	21-Jan-12	3	5	\$18.61	Yes	\$26.39	\$7.78
1731	21-Jan-12	3	6	\$18.61	Yes	\$26.39	\$7.78
1732	21-Jan-12	3	7	\$18.61	Yes	\$26.39	\$7.78
1733	21-Jan-12	3	8	\$18.37	Yes	\$26.39	\$8.02
1734	21-Jan-12	3	9	\$18.36	Yes	\$26.39	\$8.03
1735	21-Jan-12	3	10	\$18.35	Yes	\$26.39	\$8.04
1736	21-Jan-12	3	11	\$18.35	Yes	\$26.39	\$8.04
1737	21-Jan-12	3	12	\$18.35	Yes	\$26.39	\$8.04
1738	21-Jan-12	4	1	-\$32.07	Yes	\$26.39	\$58.46
1739	21-Jan-12	4	2	-\$30.48	Yes	\$26.39	\$56.87
1740	21-Jan-12	4	3	-\$30.46	Yes	\$26.39	\$56.85
1741	21-Jan-12	4	4	\$0.48	Yes	\$26.39	\$25.91
1742	21-Jan-12	4	5	-\$32.03	Yes	\$26.39	\$58.42
1743	21-Jan-12	4	6	-\$30.47	Yes	\$26.39	\$56.86
1744	21-Jan-12	4	7	-\$30.70	Yes	\$26.39	\$57.09
1745	21-Jan-12	4	8	-\$30.45	Yes	\$26.39	\$56.84
1746	21-Jan-12	4	9	-\$30.68	Yes	\$26.39	\$57.07
1747	21-Jan-12	4	10	-\$30.39	Yes	\$26.39	\$56.78
1748	21-Jan-12	4	11	-\$30.75	Yes	\$26.39	\$57.14
1749	21-Jan-12	4	12	-\$30.42	Yes	\$26.39	\$56.81
1750	21-Jan-12	5	1	-\$30.61	Yes	\$26.39	\$57.00
1751	21-Jan-12	5	2	-\$30.40	Yes	\$26.39	\$56.79
1752	21-Jan-12	5	3	-\$30.46	Yes	\$26.39	\$56.85

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1753	21-Jan-12	5	4	-\$30.52	Yes	\$26.39	\$56.91
1754	21-Jan-12	5	5	-\$30.95	Yes	\$26.39	\$57.34
1755	21-Jan-12	5	6	-\$30.52	Yes	\$26.39	\$56.91
1756	21-Jan-12	5	7	-\$30.81	Yes	\$26.39	\$57.20
1757	21-Jan-12	5	8	-\$30.61	Yes	\$26.39	\$57.00
1758	21-Jan-12	5	9	-\$30.80	Yes	\$26.39	\$57.19
1759	21-Jan-12	5	10	-\$30.67	Yes	\$26.39	\$57.06
1760	21-Jan-12	5	11	-\$30.39	Yes	\$26.39	\$56.78
1761	21-Jan-12	5	12	\$18.22	Yes	\$26.39	\$8.17
1762	21-Jan-12	6	1	\$18.26	Yes	\$26.39	\$8.13
1763	21-Jan-12	6	2	\$18.36	Yes	\$26.39	\$8.03
1764	21-Jan-12	6	3	\$18.36	Yes	\$26.39	\$8.03
1765	21-Jan-12	6	4	\$7.76	Yes	\$26.39	\$18.63
1766	21-Jan-12	6	5	\$16.32	Yes	\$26.39	\$10.07
1767	21-Jan-12	6	6	\$18.60	Yes	\$26.39	\$7.79
1768	21-Jan-12	6	7	\$17.23	Yes	\$26.39	\$9.16
1769	21-Jan-12	6	8	\$18.71	Yes	\$26.39	\$7.68
1770	21-Jan-12	6	9	\$18.70	Yes	\$26.39	\$7.69
1771	21-Jan-12	6	10	\$18.73	Yes	\$26.39	\$7.66
1772	21-Jan-12	6	11	\$18.73	Yes	\$26.39	\$7.66
1773	21-Jan-12	6	12	\$18.61	Yes	\$26.39	\$7.78
1774	21-Jan-12	7	1	-\$32.31	Yes	\$26.39	\$58.70
1775	21-Jan-12	7	2	-\$30.88	Yes	\$26.39	\$57.27
1776	21-Jan-12	7	3	-\$31.00	Yes	\$26.39	\$57.39
1777	21-Jan-12	7	4	-\$30.98	Yes	\$26.39	\$57.37
1778	21-Jan-12	7	5	-\$31.14	Yes	\$26.39	\$57.53
1779	21-Jan-12	7	6	-\$30.79	Yes	\$26.39	\$57.18
1780	21-Jan-12	7	7	\$13.45	Yes	\$26.39	\$12.94
1781	21-Jan-12	7	8	\$13.94	Yes	\$26.39	\$12.45
1782	21-Jan-12	7	9	\$15.60	Yes	\$26.39	\$10.79
1783	21-Jan-12	7	10	-\$30.91	Yes	\$26.39	\$57.30
1784	21-Jan-12	7	11	\$7.73	Yes	\$26.39	\$18.66
1785	21-Jan-12	7	12	\$12.36	Yes	\$26.39	\$14.03
1786	21-Jan-12	8	1	\$18.11	Yes	\$26.39	\$8.28
1787	21-Jan-12	8	2	\$13.94	Yes	\$26.39	\$12.45
1788	21-Jan-12	8	3	\$13.94	Yes	\$26.39	\$12.45
1789	21-Jan-12	8	4	\$13.95	Yes	\$26.39	\$12.44
1790	21-Jan-12	8	5	\$11.41	Yes	\$26.39	\$14.98
1791	21-Jan-12	8	6	\$13.48	Yes	\$26.39	\$12.91
1792	21-Jan-12	8	7	\$11.45	Yes	\$26.39	\$14.94
1793	21-Jan-12	8	8	\$13.96	Yes	\$26.39	\$12.43
1794	21-Jan-12	8	9	\$18.27	Yes	\$26.39	\$8.12
1795	21-Jan-12	8	10	\$13.95	Yes	\$26.39	\$12.44
1796	21-Jan-12	8	11	\$18.26	Yes	\$26.39	\$8.13
1797	21-Jan-12	8	12	\$19.00	Yes	\$26.39	\$7.39

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1798	21-Jan-12	9	1	\$18.73	Yes	\$26.39	\$7.66
1799	21-Jan-12	9	2	\$18.68	Yes	\$26.39	\$7.71
1800	21-Jan-12	9	3	\$18.88	Yes	\$26.39	\$7.51
1801	21-Jan-12	9	4	\$20.69	Yes	\$26.39	\$5.70
1802	21-Jan-12	9	5	\$20.61	Yes	\$26.39	\$5.78
1803	21-Jan-12	9	6	\$21.53	Yes	\$26.39	\$4.86
1804	21-Jan-12	9	7	\$21.53	Yes	\$26.39	\$4.86
1805	21-Jan-12	9	8	\$25.10	Yes	\$26.39	\$1.29
1806	21-Jan-12	9	9	\$25.10	Yes	\$26.39	\$1.29
1807	21-Jan-12	9	10	\$24.91	Yes	\$26.39	\$1.48
1808	21-Jan-12	9	11	\$23.80	Yes	\$26.39	\$2.59
1809	21-Jan-12	9	12	\$21.56	Yes	\$26.39	\$4.83
1810	21-Jan-12	10	1	\$20.04	Yes	\$26.39	\$6.35
1811	21-Jan-12	10	2	\$19.06	Yes	\$26.39	\$7.33
1812	21-Jan-12	10	3	\$19.06	Yes	\$26.39	\$7.33
1813	21-Jan-12	10	4	\$19.24	Yes	\$26.39	\$7.15
1814	21-Jan-12	10	5	\$21.10	Yes	\$26.39	\$5.29
1815	21-Jan-12	10	6	\$20.76	Yes	\$26.39	\$5.63
1816	21-Jan-12	10	7	\$20.16	Yes	\$26.39	\$6.23
1817	21-Jan-12	10	8	\$20.86	Yes	\$26.39	\$5.53
1818	21-Jan-12	10	9	\$20.86	Yes	\$26.39	\$5.53
1819	21-Jan-12	10	10	\$20.91	Yes	\$26.39	\$5.48
1820	21-Jan-12	10	11	\$20.91	Yes	\$26.39	\$5.48
1821	21-Jan-12	10	12	\$20.47	Yes	\$26.39	\$5.92
1822	21-Jan-12	11	1	\$21.61	Yes	\$26.39	\$4.78
1823	21-Jan-12	11	2	\$21.61	Yes	\$26.39	\$4.78
1824	21-Jan-12	11	3	\$21.18	Yes	\$26.39	\$5.21
1825	21-Jan-12	11	4	\$24.66	Yes	\$26.39	\$1.73
1826	21-Jan-12	11	5	\$24.33	Yes	\$26.39	\$2.06
1827	21-Jan-12	11	6	\$24.34	Yes	\$26.39	\$2.05
1828	21-Jan-12	11	7	\$21.67	Yes	\$26.39	\$4.72
1829	21-Jan-12	11	8	\$20.15	Yes	\$26.39	\$6.24
1830	21-Jan-12	11	9	\$20.61	Yes	\$26.39	\$5.78
1831	21-Jan-12	11	10	\$20.93	Yes	\$26.39	\$5.46
1832	21-Jan-12	11	11	\$20.93	Yes	\$26.39	\$5.46
1833	21-Jan-12	11	12	\$24.28	Yes	\$26.39	\$2.11
1834	21-Jan-12	12	1	\$22.96	Yes	\$26.39	\$3.43
1835	21-Jan-12	12	2	\$22.96	Yes	\$26.39	\$3.43
1836	21-Jan-12	12	3	\$22.96	Yes	\$26.39	\$3.43
1837	21-Jan-12	12	4	\$21.68	Yes	\$26.39	\$4.71
1838	21-Jan-12	12	5	\$20.93	Yes	\$26.39	\$5.46
1839	21-Jan-12	12	6	\$20.92	Yes	\$26.39	\$5.47
1840	21-Jan-12	12	7	\$21.64	Yes	\$26.39	\$4.75
1841	21-Jan-12	12	8	\$21.48	Yes	\$26.39	\$4.91
1842	21-Jan-12	12	9	\$22.78	Yes	\$26.39	\$3.61

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1843	21-Jan-12	12	10	\$24.76	Yes	\$26.39	\$1.63
1844	21-Jan-12	12	11	\$24.33	Yes	\$26.39	\$2.06
1845	21-Jan-12	12	12	\$24.33	Yes	\$26.39	\$2.06
1846	21-Jan-12	13	1	\$22.94	Yes	\$26.39	\$3.45
1847	21-Jan-12	13	2	\$23.57	Yes	\$26.39	\$2.82
1848	21-Jan-12	13	3	\$21.68	Yes	\$26.39	\$4.71
1849	21-Jan-12	13	4	\$21.62	Yes	\$26.39	\$4.77
1850	21-Jan-12	13	5	\$20.54	Yes	\$26.39	\$5.85
1851	21-Jan-12	13	6	\$20.57	Yes	\$26.39	\$5.82
1852	21-Jan-12	13	7	\$20.51	Yes	\$26.39	\$5.88
1853	21-Jan-12	13	8	\$20.54	Yes	\$26.39	\$5.85
1854	21-Jan-12	13	9	\$22.93	Yes	\$26.39	\$3.46
1855	21-Jan-12	13	10	\$20.53	Yes	\$26.39	\$5.86
1856	21-Jan-12	13	11	\$20.81	Yes	\$26.39	\$5.58
1857	21-Jan-12	13	12	\$20.14	Yes	\$26.39	\$6.25
1858	21-Jan-12	14	1	\$20.82	Yes	\$26.39	\$5.57
1859	21-Jan-12	14	2	\$21.76	Yes	\$26.39	\$4.63
1860	21-Jan-12	14	3	\$18.83	Yes	\$26.39	\$7.56
1861	21-Jan-12	14	4	\$18.82	Yes	\$26.39	\$7.57
1862	21-Jan-12	14	5	\$18.74	Yes	\$26.39	\$7.65
1863	21-Jan-12	14	6	\$18.82	Yes	\$26.39	\$7.57
1864	21-Jan-12	14	7	\$18.75	Yes	\$26.39	\$7.64
1865	21-Jan-12	14	8	\$18.63	Yes	\$26.39	\$7.76
1866	21-Jan-12	14	9	\$13.93	Yes	\$26.39	\$12.46
1867	21-Jan-12	14	10	\$13.91	Yes	\$26.39	\$12.48
1868	21-Jan-12	14	11	\$15.41	Yes	\$26.39	\$10.98
1869	21-Jan-12	14	12	\$18.58	Yes	\$26.39	\$7.81
1870	21-Jan-12	15	1	\$18.64	Yes	\$26.39	\$7.75
1871	21-Jan-12	15	2	\$22.58	Yes	\$26.39	\$3.81
1872	21-Jan-12	15	3	\$20.49	Yes	\$26.39	\$5.90
1873	21-Jan-12	15	4	\$20.02	Yes	\$26.39	\$6.37
1874	21-Jan-12	15	5	\$20.11	Yes	\$26.39	\$6.28
1875	21-Jan-12	15	6	\$20.05	Yes	\$26.39	\$6.34
1876	21-Jan-12	15	7	\$20.05	Yes	\$26.39	\$6.34
1877	21-Jan-12	15	8	\$18.49	Yes	\$26.39	\$7.90
1878	21-Jan-12	15	9	\$18.74	Yes	\$26.39	\$7.65
1879	21-Jan-12	15	10	\$20.44	Yes	\$26.39	\$5.95
1880	21-Jan-12	15	11	\$22.60	Yes	\$26.39	\$3.79
1881	21-Jan-12	15	12	\$20.30	Yes	\$26.39	\$6.09
1882	21-Jan-12	16	1	\$18.64	Yes	\$26.39	\$7.75
1883	21-Jan-12	16	2	\$18.64	Yes	\$26.39	\$7.75
1884	21-Jan-12	16	3	\$13.91	Yes	\$26.39	\$12.48
1885	21-Jan-12	16	4	\$11.00	Yes	\$26.39	\$15.39
1886	21-Jan-12	16	5	\$13.31	Yes	\$26.39	\$13.08
1887	21-Jan-12	16	6	\$11.26	Yes	\$26.39	\$15.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1888	21-Jan-12	16	7	\$13.92	Yes	\$26.39	\$12.47
1889	21-Jan-12	16	8	\$18.71	Yes	\$26.39	\$7.68
1890	21-Jan-12	16	9	\$18.32	Yes	\$26.39	\$8.07
1891	21-Jan-12	16	10	\$18.62	Yes	\$26.39	\$7.77
1892	21-Jan-12	16	11	\$18.62	Yes	\$26.39	\$7.77
1893	21-Jan-12	16	12	\$17.80	Yes	\$26.39	\$8.59
1894	21-Jan-12	17	1	\$13.89	Yes	\$26.67	\$12.78
1895	21-Jan-12	17	1	\$13.89	Yes	\$26.39	\$12.50
1896	21-Jan-12	17	2	\$13.89	Yes	\$26.67	\$12.78
1897	21-Jan-12	17	2	\$13.89	Yes	\$26.39	\$12.50
1898	21-Jan-12	17	3	\$13.89	Yes	\$26.67	\$12.78
1899	21-Jan-12	17	3	\$13.89	Yes	\$26.39	\$12.50
1900	21-Jan-12	17	4	\$13.36	Yes	\$26.67	\$13.31
1901	21-Jan-12	17	4	\$13.36	Yes	\$26.39	\$13.03
1902	21-Jan-12	17	5	\$13.37	Yes	\$26.67	\$13.30
1903	21-Jan-12	17	5	\$13.37	Yes	\$26.39	\$13.02
1904	21-Jan-12	17	6	\$15.42	Yes	\$26.67	\$11.25
1905	21-Jan-12	17	6	\$15.42	Yes	\$26.39	\$10.97
1906	21-Jan-12	17	7	\$15.78	Yes	\$26.67	\$10.89
1907	21-Jan-12	17	7	\$15.78	Yes	\$26.39	\$10.61
1908	21-Jan-12	17	8	\$18.75	Yes	\$26.67	\$7.92
1909	21-Jan-12	17	8	\$18.75	Yes	\$26.39	\$7.64
1910	21-Jan-12	17	9	\$18.75	Yes	\$26.67	\$7.92
1911	21-Jan-12	17	9	\$18.75	Yes	\$26.39	\$7.64
1912	21-Jan-12	17	10	\$18.83	Yes	\$26.67	\$7.84
1913	21-Jan-12	17	10	\$18.83	Yes	\$26.39	\$7.56
1914	21-Jan-12	17	11	\$20.11	Yes	\$26.67	\$6.56
1915	21-Jan-12	17	11	\$20.11	Yes	\$26.39	\$6.28
1916	21-Jan-12	17	12	\$20.60	Yes	\$26.67	\$6.07
1917	21-Jan-12	17	12	\$20.60	Yes	\$26.39	\$5.79
1918	21-Jan-12	18	1	\$16.25	Yes	\$26.67	\$10.42
1919	21-Jan-12	18	1	\$16.25	Yes	\$26.39	\$10.14
1920	21-Jan-12	18	2	\$17.14	Yes	\$26.67	\$9.53
1921	21-Jan-12	18	2	\$17.14	Yes	\$26.39	\$9.25
1922	21-Jan-12	18	3	\$16.86	Yes	\$26.67	\$9.81
1923	21-Jan-12	18	3	\$16.86	Yes	\$26.39	\$9.53
1924	21-Jan-12	18	4	\$17.97	Yes	\$26.67	\$8.70
1925	21-Jan-12	18	4	\$17.97	Yes	\$26.39	\$8.42
1926	21-Jan-12	18	5	\$21.90	Yes	\$26.67	\$4.77
1927	21-Jan-12	18	5	\$21.90	Yes	\$26.39	\$4.49
1928	21-Jan-12	18	6	\$21.04	Yes	\$26.67	\$5.63
1929	21-Jan-12	18	6	\$21.04	Yes	\$26.39	\$5.35
1930	21-Jan-12	18	7	\$21.31	Yes	\$26.67	\$5.36
1931	21-Jan-12	18	7	\$21.31	Yes	\$26.39	\$5.08
1932	21-Jan-12	18	8	\$22.01	Yes	\$26.67	\$4.66

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1933	21-Jan-12	18	8	\$22.01	Yes	\$26.39	\$4.38
1934	21-Jan-12	18	9	\$22.94	Yes	\$26.67	\$3.73
1935	21-Jan-12	18	9	\$22.94	Yes	\$26.39	\$3.45
1936	21-Jan-12	18	10	\$22.67	Yes	\$26.67	\$4.00
1937	21-Jan-12	18	10	\$22.67	Yes	\$26.39	\$3.72
1938	21-Jan-12	18	11	\$22.90	Yes	\$26.67	\$3.77
1939	21-Jan-12	18	11	\$22.90	Yes	\$26.39	\$3.49
1940	21-Jan-12	18	12	\$22.22	Yes	\$26.67	\$4.45
1941	21-Jan-12	18	12	\$22.22	Yes	\$26.39	\$4.17
1942	21-Jan-12	19	1	\$24.26	Yes	\$26.39	\$2.13
1943	21-Jan-12	19	1	\$24.26	Yes	\$26.67	\$2.41
1944	21-Jan-12	19	2	\$25.88	Yes	\$26.39	\$0.51
1945	21-Jan-12	19	2	\$25.88	Yes	\$26.67	\$0.79
1946	21-Jan-12	19	3	\$25.88	Yes	\$26.39	\$0.51
1947	21-Jan-12	19	3	\$25.88	Yes	\$26.67	\$0.79
1948	21-Jan-12	19	4	\$27.78	Yes	\$26.39	-\$1.39
1949	21-Jan-12	19	4	\$27.78	Yes	\$26.67	-\$1.11
1950	21-Jan-12	19	5	\$26.72	Yes	\$26.39	-\$0.33
1951	21-Jan-12	19	5	\$26.72	Yes	\$26.67	-\$0.05
1952	21-Jan-12	19	6	\$26.68	Yes	\$26.39	-\$0.29
1953	21-Jan-12	19	6	\$26.68	Yes	\$26.67	-\$0.01
1954	21-Jan-12	19	7	\$26.23	Yes	\$26.39	\$0.16
1955	21-Jan-12	19	7	\$26.23	Yes	\$26.67	\$0.44
1956	21-Jan-12	19	8	\$25.90	Yes	\$26.39	\$0.49
1957	21-Jan-12	19	8	\$25.90	Yes	\$26.67	\$0.77
1958	21-Jan-12	19	9	\$25.28	Yes	\$26.39	\$1.11
1959	21-Jan-12	19	9	\$25.28	Yes	\$26.67	\$1.39
1960	21-Jan-12	19	10	\$24.35	Yes	\$26.39	\$2.04
1961	21-Jan-12	19	10	\$24.35	Yes	\$26.67	\$2.32
1962	21-Jan-12	19	11	\$24.20	Yes	\$26.39	\$2.19
1963	21-Jan-12	19	11	\$24.20	Yes	\$26.67	\$2.47
1964	21-Jan-12	19	12	\$24.17	Yes	\$26.39	\$2.22
1965	21-Jan-12	19	12	\$24.17	Yes	\$26.67	\$2.50
1966	21-Jan-12	20	1	\$24.75	Yes	\$26.67	\$1.92
1967	21-Jan-12	20	1	\$24.75	Yes	\$26.39	\$1.64
1968	21-Jan-12	20	2	\$25.52	Yes	\$26.67	\$1.15
1969	21-Jan-12	20	2	\$25.52	Yes	\$26.39	\$0.87
1970	21-Jan-12	20	3	\$25.80	Yes	\$26.67	\$0.87
1971	21-Jan-12	20	3	\$25.80	Yes	\$26.39	\$0.59
1972	21-Jan-12	20	4	\$25.82	Yes	\$26.67	\$0.85
1973	21-Jan-12	20	4	\$25.82	Yes	\$26.39	\$0.57
1974	21-Jan-12	20	5	\$26.62	Yes	\$26.67	\$0.05
1975	21-Jan-12	20	5	\$26.62	Yes	\$26.39	-\$0.23
1976	21-Jan-12	20	6	\$26.62	Yes	\$26.67	\$0.05
1977	21-Jan-12	20	6	\$26.62	Yes	\$26.39	-\$0.23

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1978	21-Jan-12	20	7	\$26.59	Yes	\$26.67	\$0.08
1979	21-Jan-12	20	7	\$26.59	Yes	\$26.39	-\$0.20
1980	21-Jan-12	20	8	\$25.47	Yes	\$26.67	\$1.20
1981	21-Jan-12	20	8	\$25.47	Yes	\$26.39	\$0.92
1982	21-Jan-12	20	9	\$25.47	Yes	\$26.67	\$1.20
1983	21-Jan-12	20	9	\$25.47	Yes	\$26.39	\$0.92
1984	21-Jan-12	20	10	\$25.47	Yes	\$26.67	\$1.20
1985	21-Jan-12	20	10	\$25.47	Yes	\$26.39	\$0.92
1986	21-Jan-12	20	11	\$25.47	Yes	\$26.67	\$1.20
1987	21-Jan-12	20	11	\$25.47	Yes	\$26.39	\$0.92
1988	21-Jan-12	20	12	\$25.47	Yes	\$26.67	\$1.20
1989	21-Jan-12	20	12	\$25.47	Yes	\$26.39	\$0.92
1990	21-Jan-12	21	1	\$22.57	Yes	\$26.39	\$3.82
1991	21-Jan-12	21	2	\$24.52	Yes	\$26.39	\$1.87
1992	21-Jan-12	21	3	\$24.65	Yes	\$26.39	\$1.74
1993	21-Jan-12	21	4	\$23.93	Yes	\$26.39	\$2.46
1994	21-Jan-12	21	5	\$23.93	Yes	\$26.39	\$2.46
1995	21-Jan-12	21	6	\$24.48	Yes	\$26.39	\$1.91
1996	21-Jan-12	21	7	\$24.53	Yes	\$26.39	\$1.86
1997	21-Jan-12	21	8	\$24.38	Yes	\$26.39	\$2.01
1998	21-Jan-12	21	9	\$24.34	Yes	\$26.39	\$2.05
1999	21-Jan-12	21	10	\$24.28	Yes	\$26.39	\$2.11
2000	21-Jan-12	21	11	\$24.28	Yes	\$26.39	\$2.11
2001	21-Jan-12	21	12	\$21.66	Yes	\$26.39	\$4.73
2002	21-Jan-12	22	1	\$25.75	Yes	\$26.39	\$0.64
2003	21-Jan-12	22	2	\$24.51	Yes	\$26.39	\$1.88
2004	21-Jan-12	22	3	\$25.64	Yes	\$26.39	\$0.75
2005	21-Jan-12	22	4	\$24.62	Yes	\$26.39	\$1.77
2006	21-Jan-12	22	5	\$24.47	Yes	\$26.39	\$1.92
2007	21-Jan-12	22	6	\$24.35	Yes	\$26.39	\$2.04
2008	21-Jan-12	22	7	\$21.50	Yes	\$26.39	\$4.89
2009	21-Jan-12	22	8	\$19.59	Yes	\$26.39	\$6.80
2010	21-Jan-12	22	9	\$19.59	Yes	\$26.39	\$6.80
2011	21-Jan-12	22	10	\$20.21	Yes	\$26.39	\$6.18
2012	21-Jan-12	22	11	\$19.61	Yes	\$26.39	\$6.78
2013	21-Jan-12	22	12	\$18.97	Yes	\$26.39	\$7.42
2014	21-Jan-12	23	1	\$25.82	Yes	\$26.39	\$0.57
2015	21-Jan-12	23	2	\$25.70	Yes	\$26.39	\$0.69
2016	21-Jan-12	23	3	\$26.11	Yes	\$26.39	\$0.28
2017	21-Jan-12	23	4	\$24.57	Yes	\$26.39	\$1.82
2018	21-Jan-12	23	5	\$24.38	Yes	\$26.39	\$2.01
2019	21-Jan-12	23	6	\$23.38	Yes	\$26.39	\$3.01
2020	21-Jan-12	23	7	\$22.43	Yes	\$26.39	\$3.96
2021	21-Jan-12	23	8	\$23.33	Yes	\$26.39	\$3.06
2022	21-Jan-12	23	9	\$22.87	Yes	\$26.39	\$3.52

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2023	21-Jan-12	23	10	\$20.47	Yes	\$26.39	\$5.92
2024	21-Jan-12	23	11	\$21.72	Yes	\$26.39	\$4.67
2025	21-Jan-12	23	12	\$24.81	Yes	\$26.39	\$1.58
2026	21-Jan-12	24	1	\$31.89	Yes	\$26.39	-\$5.50
2027	21-Jan-12	24	2	\$26.90	Yes	\$26.39	-\$0.51
2028	21-Jan-12	24	3	\$25.77	Yes	\$26.39	\$0.62
2029	21-Jan-12	24	4	\$21.43	Yes	\$26.39	\$4.96
2030	21-Jan-12	24	5	\$24.79	Yes	\$26.39	\$1.60
2031	21-Jan-12	24	6	\$24.39	Yes	\$26.39	\$2.00
2032	21-Jan-12	24	7	\$24.37	Yes	\$26.39	\$2.02
2033	21-Jan-12	24	8	\$24.33	Yes	\$26.39	\$2.06
2034	21-Jan-12	24	9	\$21.39	Yes	\$26.39	\$5.00
2035	21-Jan-12	24	10	\$21.03	Yes	\$26.39	\$5.36
2036	21-Jan-12	24	11	\$13.31	Yes	\$26.39	\$13.08
2037	21-Jan-12	24	12	\$13.32	Yes	\$26.39	\$13.07
2038	22-Jan-12	1	1	\$24.61	Yes	\$26.39	\$1.78
2039	22-Jan-12	1	2	\$23.66	Yes	\$26.39	\$2.73
2040	22-Jan-12	1	3	\$22.89	Yes	\$26.39	\$3.50
2041	22-Jan-12	1	4	\$11.33	Yes	\$26.39	\$15.06
2042	22-Jan-12	1	5	\$18.06	Yes	\$26.39	\$8.33
2043	22-Jan-12	1	6	\$18.83	Yes	\$26.39	\$7.56
2044	22-Jan-12	1	7	\$20.25	Yes	\$26.39	\$6.14
2045	22-Jan-12	1	8	\$20.13	Yes	\$26.39	\$6.26
2046	22-Jan-12	1	9	\$20.47	Yes	\$26.39	\$5.92
2047	22-Jan-12	1	10	\$20.47	Yes	\$26.39	\$5.92
2048	22-Jan-12	1	11	\$20.47	Yes	\$26.39	\$5.92
2049	22-Jan-12	1	12	\$20.10	Yes	\$26.39	\$6.29
2050	22-Jan-12	2	1	\$20.10	Yes	\$26.39	\$6.29
2051	22-Jan-12	2	2	\$27.06	Yes	\$26.39	-\$0.67
2052	22-Jan-12	2	3	\$27.06	Yes	\$26.39	-\$0.67
2053	22-Jan-12	2	4	\$25.72	Yes	\$26.39	\$0.67
2054	22-Jan-12	2	5	\$24.78	Yes	\$26.39	\$1.61
2055	22-Jan-12	2	6	\$24.78	Yes	\$26.39	\$1.61
2056	22-Jan-12	2	7	\$24.61	Yes	\$26.39	\$1.78
2057	22-Jan-12	2	8	\$24.61	Yes	\$26.39	\$1.78
2058	22-Jan-12	2	9	\$23.34	Yes	\$26.39	\$3.05
2059	22-Jan-12	2	10	\$23.39	Yes	\$26.39	\$3.00
2060	22-Jan-12	2	11	\$22.98	Yes	\$26.39	\$3.41
2061	22-Jan-12	2	12	\$24.62	Yes	\$26.39	\$1.77
2062	22-Jan-12	3	1	\$23.95	Yes	\$26.39	\$2.44
2063	22-Jan-12	3	2	\$22.85	Yes	\$26.39	\$3.54
2064	22-Jan-12	3	3	\$20.28	Yes	\$26.39	\$6.11
2065	22-Jan-12	3	4	\$20.26	Yes	\$26.39	\$6.13
2066	22-Jan-12	3	5	\$20.26	Yes	\$26.39	\$6.13
2067	22-Jan-12	3	6	\$20.53	Yes	\$26.39	\$5.86

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2068	22-Jan-12	3	7	\$20.50	Yes	\$26.39	\$5.89
2069	22-Jan-12	3	8	\$20.61	Yes	\$26.39	\$5.78
2070	22-Jan-12	3	9	\$21.42	Yes	\$26.39	\$4.97
2071	22-Jan-12	3	10	\$20.27	Yes	\$26.39	\$6.12
2072	22-Jan-12	3	11	\$20.04	Yes	\$26.39	\$6.35
2073	22-Jan-12	3	12	\$20.28	Yes	\$26.39	\$6.11
2074	22-Jan-12	4	1	\$20.24	Yes	\$26.39	\$6.15
2075	22-Jan-12	4	2	\$20.24	Yes	\$26.39	\$6.15
2076	22-Jan-12	4	3	\$20.24	Yes	\$26.39	\$6.15
2077	22-Jan-12	4	4	\$20.21	Yes	\$26.39	\$6.18
2078	22-Jan-12	4	5	\$20.25	Yes	\$26.39	\$6.14
2079	22-Jan-12	4	6	\$20.25	Yes	\$26.39	\$6.14
2080	22-Jan-12	4	7	\$20.29	Yes	\$26.39	\$6.10
2081	22-Jan-12	4	8	\$20.19	Yes	\$26.39	\$6.20
2082	22-Jan-12	4	9	\$20.19	Yes	\$26.39	\$6.20
2083	22-Jan-12	4	10	\$20.19	Yes	\$26.39	\$6.20
2084	22-Jan-12	4	11	\$20.22	Yes	\$26.39	\$6.17
2085	22-Jan-12	4	12	\$20.50	Yes	\$26.39	\$5.89
2086	22-Jan-12	5	1	\$18.37	Yes	\$26.39	\$8.02
2087	22-Jan-12	5	2	\$18.49	Yes	\$26.39	\$7.90
2088	22-Jan-12	5	3	\$17.23	Yes	\$26.39	\$9.16
2089	22-Jan-12	5	4	\$11.53	Yes	\$26.39	\$14.86
2090	22-Jan-12	5	5	\$11.53	Yes	\$26.39	\$14.86
2091	22-Jan-12	5	6	\$11.53	Yes	\$26.39	\$14.86
2092	22-Jan-12	5	7	\$18.41	Yes	\$26.39	\$7.98
2093	22-Jan-12	5	8	\$20.14	Yes	\$26.39	\$6.25
2094	22-Jan-12	5	9	\$20.36	Yes	\$26.39	\$6.03
2095	22-Jan-12	5	10	\$20.23	Yes	\$26.39	\$6.16
2096	22-Jan-12	5	11	\$20.22	Yes	\$26.39	\$6.17
2097	22-Jan-12	5	12	\$20.22	Yes	\$26.39	\$6.17
2098	22-Jan-12	6	1	\$20.15	Yes	\$26.39	\$6.24
2099	22-Jan-12	6	2	\$20.15	Yes	\$26.39	\$6.24
2100	22-Jan-12	6	3	\$20.30	Yes	\$26.39	\$6.09
2101	22-Jan-12	6	4	\$23.55	Yes	\$26.39	\$2.84
2102	22-Jan-12	6	5	\$20.31	Yes	\$26.39	\$6.08
2103	22-Jan-12	6	6	\$20.31	Yes	\$26.39	\$6.08
2104	22-Jan-12	6	7	\$20.29	Yes	\$26.39	\$6.10
2105	22-Jan-12	6	8	\$20.10	Yes	\$26.39	\$6.29
2106	22-Jan-12	6	9	\$20.29	Yes	\$26.39	\$6.10
2107	22-Jan-12	6	10	\$23.53	Yes	\$26.39	\$2.86
2108	22-Jan-12	6	11	\$22.89	Yes	\$26.39	\$3.50
2109	22-Jan-12	6	12	\$23.53	Yes	\$26.39	\$2.86
2110	22-Jan-12	7	1	\$19.88	Yes	\$26.39	\$6.51
2111	22-Jan-12	7	2	\$19.96	Yes	\$26.39	\$6.43
2112	22-Jan-12	7	3	\$20.18	Yes	\$26.39	\$6.21

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2113	22-Jan-12	7	4	\$20.47	Yes	\$26.39	\$5.92
2114	22-Jan-12	7	5	\$20.57	Yes	\$26.39	\$5.82
2115	22-Jan-12	7	6	\$24.51	Yes	\$26.39	\$1.88
2116	22-Jan-12	7	7	\$23.87	Yes	\$26.39	\$2.52
2117	22-Jan-12	7	8	\$20.59	Yes	\$26.39	\$5.80
2118	22-Jan-12	7	9	\$20.59	Yes	\$26.39	\$5.80
2119	22-Jan-12	7	10	\$21.46	Yes	\$26.39	\$4.93
2120	22-Jan-12	7	11	\$21.45	Yes	\$26.39	\$4.94
2121	22-Jan-12	7	12	\$24.57	Yes	\$26.39	\$1.82
2122	22-Jan-12	8	1	\$24.61	Yes	\$26.39	\$1.78
2123	22-Jan-12	8	2	\$24.96	Yes	\$26.39	\$1.43
2124	22-Jan-12	8	3	\$25.72	Yes	\$26.39	\$0.67
2125	22-Jan-12	8	4	\$24.72	Yes	\$26.39	\$1.67
2126	22-Jan-12	8	5	\$24.72	Yes	\$26.39	\$1.67
2127	22-Jan-12	8	6	\$23.90	Yes	\$26.39	\$2.49
2128	22-Jan-12	8	7	\$24.75	Yes	\$26.39	\$1.64
2129	22-Jan-12	8	8	\$21.41	Yes	\$26.39	\$4.98
2130	22-Jan-12	8	9	\$21.41	Yes	\$26.39	\$4.98
2131	22-Jan-12	8	10	\$20.68	Yes	\$26.39	\$5.71
2132	22-Jan-12	8	11	\$21.48	Yes	\$26.39	\$4.91
2133	22-Jan-12	8	12	\$23.39	Yes	\$26.39	\$3.00
2134	22-Jan-12	9	1	\$19.39	Yes	\$26.39	\$7.00
2135	22-Jan-12	9	2	\$15.07	Yes	\$26.39	\$11.32
2136	22-Jan-12	9	3	\$19.08	Yes	\$26.39	\$7.31
2137	22-Jan-12	9	4	\$20.13	Yes	\$26.39	\$6.26
2138	22-Jan-12	9	5	\$21.51	Yes	\$26.39	\$4.88
2139	22-Jan-12	9	6	\$21.69	Yes	\$26.39	\$4.70
2140	22-Jan-12	9	7	\$24.98	Yes	\$26.39	\$1.41
2141	22-Jan-12	9	8	\$24.61	Yes	\$26.39	\$1.78
2142	22-Jan-12	9	9	\$24.82	Yes	\$26.39	\$1.57
2143	22-Jan-12	9	10	\$25.82	Yes	\$26.39	\$0.57
2144	22-Jan-12	9	11	\$25.99	Yes	\$26.39	\$0.40
2145	22-Jan-12	9	12	\$25.99	Yes	\$26.39	\$0.40
2146	22-Jan-12	10	1	\$25.39	Yes	\$26.39	\$1.00
2147	22-Jan-12	10	2	\$24.46	Yes	\$26.39	\$1.93
2148	22-Jan-12	10	3	\$24.46	Yes	\$26.39	\$1.93
2149	22-Jan-12	10	4	\$25.77	Yes	\$26.39	\$0.62
2150	22-Jan-12	10	5	\$24.56	Yes	\$26.39	\$1.83
2151	22-Jan-12	10	6	\$24.56	Yes	\$26.39	\$1.83
2152	22-Jan-12	10	7	\$24.52	Yes	\$26.39	\$1.87
2153	22-Jan-12	10	8	\$24.54	Yes	\$26.39	\$1.85
2154	22-Jan-12	10	9	\$25.47	Yes	\$26.39	\$0.92
2155	22-Jan-12	10	10	\$24.60	Yes	\$26.39	\$1.79
2156	22-Jan-12	10	11	\$24.60	Yes	\$26.39	\$1.79
2157	22-Jan-12	10	12	\$24.60	Yes	\$26.39	\$1.79

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2158	22-Jan-12	11	1	\$22.45	Yes	\$26.39	\$3.94
2159	22-Jan-12	11	2	\$24.07	Yes	\$26.39	\$2.32
2160	22-Jan-12	11	3	\$33.00	Yes	\$26.39	-\$6.61
2161	22-Jan-12	11	4	\$33.05	Yes	\$26.39	-\$6.66
2162	22-Jan-12	11	5	\$31.05	Yes	\$26.39	-\$4.66
2163	22-Jan-12	11	6	\$27.82	Yes	\$26.39	-\$1.43
2164	22-Jan-12	11	7	\$30.62	Yes	\$26.39	-\$4.23
2165	22-Jan-12	11	8	\$30.98	Yes	\$26.39	-\$4.59
2166	22-Jan-12	11	9	\$31.78	Yes	\$26.39	-\$5.39
2167	22-Jan-12	11	10	\$31.78	Yes	\$26.39	-\$5.39
2168	22-Jan-12	11	11	\$24.06	Yes	\$26.39	\$2.33
2169	22-Jan-12	11	12	\$25.61	Yes	\$26.39	\$0.78
2170	22-Jan-12	12	1	\$25.54	Yes	\$26.39	\$0.85
2171	22-Jan-12	12	2	\$25.54	Yes	\$26.39	\$0.85
2172	22-Jan-12	12	3	\$25.54	Yes	\$26.39	\$0.85
2173	22-Jan-12	12	4	\$24.19	Yes	\$26.39	\$2.20
2174	22-Jan-12	12	5	\$24.48	Yes	\$26.39	\$1.91
2175	22-Jan-12	12	6	\$23.98	Yes	\$26.39	\$2.41
2176	22-Jan-12	12	7	\$24.00	Yes	\$26.39	\$2.39
2177	22-Jan-12	12	8	\$23.99	Yes	\$26.39	\$2.40
2178	22-Jan-12	12	9	\$23.99	Yes	\$26.39	\$2.40
2179	22-Jan-12	12	10	\$25.12	Yes	\$26.39	\$1.27
2180	22-Jan-12	12	11	\$25.53	Yes	\$26.39	\$0.86
2181	22-Jan-12	12	12	\$25.53	Yes	\$26.39	\$0.86
2182	22-Jan-12	13	1	\$25.88	Yes	\$26.39	\$0.51
2183	22-Jan-12	13	2	\$25.79	Yes	\$26.39	\$0.60
2184	22-Jan-12	13	3	\$25.79	Yes	\$26.39	\$0.60
2185	22-Jan-12	13	4	\$25.79	Yes	\$26.39	\$0.60
2186	22-Jan-12	13	5	\$25.79	Yes	\$26.39	\$0.60
2187	22-Jan-12	13	6	\$25.79	Yes	\$26.39	\$0.60
2188	22-Jan-12	13	7	\$25.79	Yes	\$26.39	\$0.60
2189	22-Jan-12	13	8	\$25.79	Yes	\$26.39	\$0.60
2190	22-Jan-12	13	9	\$25.34	Yes	\$26.39	\$1.05
2191	22-Jan-12	13	10	\$25.03	Yes	\$26.39	\$1.36
2192	22-Jan-12	13	11	\$24.51	Yes	\$26.39	\$1.88
2193	22-Jan-12	13	12	\$25.03	Yes	\$26.39	\$1.36
2194	22-Jan-12	14	1	\$24.05	Yes	\$26.39	\$2.34
2195	22-Jan-12	14	2	\$23.99	Yes	\$26.39	\$2.40
2196	22-Jan-12	14	3	\$23.99	Yes	\$26.39	\$2.40
2197	22-Jan-12	14	4	\$23.98	Yes	\$26.39	\$2.41
2198	22-Jan-12	14	5	\$23.98	Yes	\$26.39	\$2.41
2199	22-Jan-12	14	6	\$23.98	Yes	\$26.39	\$2.41
2200	22-Jan-12	14	7	\$23.98	Yes	\$26.39	\$2.41
2201	22-Jan-12	14	8	\$23.92	Yes	\$26.39	\$2.47
2202	22-Jan-12	14	9	\$23.92	Yes	\$26.39	\$2.47

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2203	22-Jan-12	14	10	\$23.83	Yes	\$26.39	\$2.56
2204	22-Jan-12	14	11	\$23.47	Yes	\$26.39	\$2.92
2205	22-Jan-12	14	12	\$23.47	Yes	\$26.39	\$2.92
2206	22-Jan-12	15	1	\$22.82	Yes	\$26.39	\$3.57
2207	22-Jan-12	15	2	\$22.82	Yes	\$26.39	\$3.57
2208	22-Jan-12	15	3	\$21.50	Yes	\$26.39	\$4.89
2209	22-Jan-12	15	4	\$20.55	Yes	\$26.39	\$5.84
2210	22-Jan-12	15	5	\$20.37	Yes	\$26.39	\$6.02
2211	22-Jan-12	15	6	\$20.55	Yes	\$26.39	\$5.84
2212	22-Jan-12	15	7	\$20.55	Yes	\$26.39	\$5.84
2213	22-Jan-12	15	8	\$21.48	Yes	\$26.39	\$4.91
2214	22-Jan-12	15	9	\$21.45	Yes	\$26.39	\$4.94
2215	22-Jan-12	15	10	\$21.48	Yes	\$26.39	\$4.91
2216	22-Jan-12	15	11	\$19.16	Yes	\$26.39	\$7.23
2217	22-Jan-12	15	12	\$20.24	Yes	\$26.39	\$6.15
2218	22-Jan-12	16	1	\$20.15	Yes	\$26.39	\$6.24
2219	22-Jan-12	16	2	\$20.35	Yes	\$26.39	\$6.04
2220	22-Jan-12	16	3	\$20.35	Yes	\$26.39	\$6.04
2221	22-Jan-12	16	4	\$20.53	Yes	\$26.39	\$5.86
2222	22-Jan-12	16	5	\$20.53	Yes	\$26.39	\$5.86
2223	22-Jan-12	16	6	\$20.53	Yes	\$26.39	\$5.86
2224	22-Jan-12	16	7	\$20.52	Yes	\$26.39	\$5.87
2225	22-Jan-12	16	8	\$20.23	Yes	\$26.39	\$6.16
2226	22-Jan-12	16	9	\$20.35	Yes	\$26.39	\$6.04
2227	22-Jan-12	16	10	\$21.47	Yes	\$26.39	\$4.92
2228	22-Jan-12	16	11	\$21.47	Yes	\$26.39	\$4.92
2229	22-Jan-12	16	12	\$21.27	Yes	\$26.39	\$5.12
2230	22-Jan-12	17	1	\$14.86	Yes	\$26.67	\$11.81
2231	22-Jan-12	17	1	\$14.86	Yes	\$26.39	\$11.53
2232	22-Jan-12	17	2	\$13.04	Yes	\$26.67	\$13.63
2233	22-Jan-12	17	2	\$13.04	Yes	\$26.39	\$13.35
2234	22-Jan-12	17	3	\$17.59	Yes	\$26.67	\$9.08
2235	22-Jan-12	17	3	\$17.59	Yes	\$26.39	\$8.80
2236	22-Jan-12	17	4	\$18.04	Yes	\$26.67	\$8.63
2237	22-Jan-12	17	4	\$18.04	Yes	\$26.39	\$8.35
2238	22-Jan-12	17	5	\$16.23	Yes	\$26.67	\$10.44
2239	22-Jan-12	17	5	\$16.23	Yes	\$26.39	\$10.16
2240	22-Jan-12	17	6	\$18.04	Yes	\$26.67	\$8.63
2241	22-Jan-12	17	6	\$18.04	Yes	\$26.39	\$8.35
2242	22-Jan-12	17	7	\$17.84	Yes	\$26.67	\$8.83
2243	22-Jan-12	17	7	\$17.84	Yes	\$26.39	\$8.55
2244	22-Jan-12	17	8	\$18.09	Yes	\$26.67	\$8.58
2245	22-Jan-12	17	8	\$18.09	Yes	\$26.39	\$8.30
2246	22-Jan-12	17	9	\$22.93	Yes	\$26.67	\$3.74
2247	22-Jan-12	17	9	\$22.93	Yes	\$26.39	\$3.46

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2248	22-Jan-12	17	10	\$21.64	Yes	\$26.67	\$5.03
2249	22-Jan-12	17	10	\$21.64	Yes	\$26.39	\$4.75
2250	22-Jan-12	17	11	\$21.95	Yes	\$26.67	\$4.72
2251	22-Jan-12	17	11	\$21.95	Yes	\$26.39	\$4.44
2252	22-Jan-12	17	12	\$23.07	Yes	\$26.67	\$3.60
2253	22-Jan-12	17	12	\$23.07	Yes	\$26.39	\$3.32
2254	22-Jan-12	18	1	\$15.01	Yes	\$26.67	\$11.66
2255	22-Jan-12	18	1	\$15.01	Yes	\$26.39	\$11.38
2256	22-Jan-12	18	2	\$15.42	Yes	\$26.67	\$11.25
2257	22-Jan-12	18	2	\$15.42	Yes	\$26.39	\$10.97
2258	22-Jan-12	18	3	\$15.54	Yes	\$26.67	\$11.13
2259	22-Jan-12	18	3	\$15.54	Yes	\$26.39	\$10.85
2260	22-Jan-12	18	4	\$16.91	Yes	\$26.67	\$9.76
2261	22-Jan-12	18	4	\$16.91	Yes	\$26.39	\$9.48
2262	22-Jan-12	18	5	\$16.59	Yes	\$26.67	\$10.08
2263	22-Jan-12	18	5	\$16.59	Yes	\$26.39	\$9.80
2264	22-Jan-12	18	6	\$16.91	Yes	\$26.67	\$9.76
2265	22-Jan-12	18	6	\$16.91	Yes	\$26.39	\$9.48
2266	22-Jan-12	18	7	\$20.87	Yes	\$26.67	\$5.80
2267	22-Jan-12	18	7	\$20.87	Yes	\$26.39	\$5.52
2268	22-Jan-12	18	8	\$25.77	Yes	\$26.67	\$0.90
2269	22-Jan-12	18	8	\$25.77	Yes	\$26.39	\$0.62
2270	22-Jan-12	18	9	\$26.02	Yes	\$26.67	\$0.65
2271	22-Jan-12	18	9	\$26.02	Yes	\$26.39	\$0.37
2272	22-Jan-12	18	10	\$24.78	Yes	\$26.67	\$1.89
2273	22-Jan-12	18	10	\$24.78	Yes	\$26.39	\$1.61
2274	22-Jan-12	18	11	\$26.08	Yes	\$26.67	\$0.59
2275	22-Jan-12	18	11	\$26.08	Yes	\$26.39	\$0.31
2276	22-Jan-12	18	12	\$26.08	Yes	\$26.67	\$0.59
2277	22-Jan-12	18	12	\$26.08	Yes	\$26.39	\$0.31
2278	22-Jan-12	19	1	\$25.68	Yes	\$26.67	\$0.99
2279	22-Jan-12	19	1	\$25.68	Yes	\$26.39	\$0.71
2280	22-Jan-12	19	2	\$24.79	Yes	\$26.67	\$1.88
2281	22-Jan-12	19	2	\$24.79	Yes	\$26.39	\$1.60
2282	22-Jan-12	19	3	\$24.79	Yes	\$26.67	\$1.88
2283	22-Jan-12	19	3	\$24.79	Yes	\$26.39	\$1.60
2284	22-Jan-12	19	4	\$24.89	Yes	\$26.67	\$1.78
2285	22-Jan-12	19	4	\$24.89	Yes	\$26.39	\$1.50
2286	22-Jan-12	19	5	\$24.89	Yes	\$26.67	\$1.78
2287	22-Jan-12	19	5	\$24.89	Yes	\$26.39	\$1.50
2288	22-Jan-12	19	6	\$24.71	Yes	\$26.67	\$1.96
2289	22-Jan-12	19	6	\$24.71	Yes	\$26.39	\$1.68
2290	22-Jan-12	19	7	\$16.88	Yes	\$26.67	\$9.79
2291	22-Jan-12	19	7	\$16.88	Yes	\$26.39	\$9.51
2292	22-Jan-12	19	8	\$15.92	Yes	\$26.67	\$10.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2293	22-Jan-12	19	8	\$15.92	Yes	\$26.39	\$10.47
2294	22-Jan-12	19	9	\$16.89	Yes	\$26.67	\$9.78
2295	22-Jan-12	19	9	\$16.89	Yes	\$26.39	\$9.50
2296	22-Jan-12	19	10	\$22.97	Yes	\$26.67	\$3.70
2297	22-Jan-12	19	10	\$22.97	Yes	\$26.39	\$3.42
2298	22-Jan-12	19	11	\$21.13	Yes	\$26.67	\$5.54
2299	22-Jan-12	19	11	\$21.13	Yes	\$26.39	\$5.26
2300	22-Jan-12	19	12	\$21.22	Yes	\$26.67	\$5.45
2301	22-Jan-12	19	12	\$21.22	Yes	\$26.39	\$5.17
2302	22-Jan-12	20	1	\$21.11	Yes	\$26.67	\$5.56
2303	22-Jan-12	20	1	\$21.11	Yes	\$26.39	\$5.28
2304	22-Jan-12	20	2	\$21.70	Yes	\$26.67	\$4.97
2305	22-Jan-12	20	2	\$21.70	Yes	\$26.39	\$4.69
2306	22-Jan-12	20	3	\$21.22	Yes	\$26.67	\$5.45
2307	22-Jan-12	20	3	\$21.22	Yes	\$26.39	\$5.17
2308	22-Jan-12	20	4	\$15.78	Yes	\$26.67	\$10.89
2309	22-Jan-12	20	4	\$15.78	Yes	\$26.39	\$10.61
2310	22-Jan-12	20	5	\$18.61	Yes	\$26.67	\$8.06
2311	22-Jan-12	20	5	\$18.61	Yes	\$26.39	\$7.78
2312	22-Jan-12	20	6	\$21.09	Yes	\$26.67	\$5.58
2313	22-Jan-12	20	6	\$21.09	Yes	\$26.39	\$5.30
2314	22-Jan-12	20	7	\$23.96	Yes	\$26.67	\$2.71
2315	22-Jan-12	20	7	\$23.96	Yes	\$26.39	\$2.43
2316	22-Jan-12	20	8	\$21.12	Yes	\$26.67	\$5.55
2317	22-Jan-12	20	8	\$21.12	Yes	\$26.39	\$5.27
2318	22-Jan-12	20	9	\$21.70	Yes	\$26.67	\$4.97
2319	22-Jan-12	20	9	\$21.70	Yes	\$26.39	\$4.69
2320	22-Jan-12	20	10	\$19.03	Yes	\$26.67	\$7.64
2321	22-Jan-12	20	10	\$19.03	Yes	\$26.39	\$7.36
2322	22-Jan-12	20	11	\$20.83	Yes	\$26.67	\$5.84
2323	22-Jan-12	20	11	\$20.83	Yes	\$26.39	\$5.56
2324	22-Jan-12	20	12	\$24.33	Yes	\$26.67	\$2.34
2325	22-Jan-12	20	12	\$24.33	Yes	\$26.39	\$2.06
2326	22-Jan-12	21	1	\$25.17	Yes	\$26.39	\$1.22
2327	22-Jan-12	21	2	\$26.75	Yes	\$26.39	-\$0.36
2328	22-Jan-12	21	3	\$33.57	Yes	\$26.39	-\$7.18
2329	22-Jan-12	21	4	\$41.44	Yes	\$26.39	-\$15.05
2330	22-Jan-12	21	5	\$25.38	Yes	\$26.39	\$1.01
2331	22-Jan-12	21	6	\$25.08	Yes	\$26.39	\$1.31
2332	22-Jan-12	21	7	\$25.17	Yes	\$26.39	\$1.22
2333	22-Jan-12	21	8	\$24.13	Yes	\$26.39	\$2.26
2334	22-Jan-12	21	9	\$22.58	Yes	\$26.39	\$3.81
2335	22-Jan-12	21	10	\$24.16	Yes	\$26.39	\$2.23
2336	22-Jan-12	21	11	\$24.16	Yes	\$26.39	\$2.23
2337	22-Jan-12	21	12	\$24.17	Yes	\$26.39	\$2.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2338	22-Jan-12	22	1	\$24.94	Yes	\$26.39	\$1.45
2339	22-Jan-12	22	2	\$24.94	Yes	\$26.39	\$1.45
2340	22-Jan-12	22	3	\$24.94	Yes	\$26.39	\$1.45
2341	22-Jan-12	22	4	\$24.83	Yes	\$26.39	\$1.56
2342	22-Jan-12	22	5	\$24.83	Yes	\$26.39	\$1.56
2343	22-Jan-12	22	6	\$23.99	Yes	\$26.39	\$2.40
2344	22-Jan-12	22	7	\$21.50	Yes	\$26.39	\$4.89
2345	22-Jan-12	22	8	\$21.78	Yes	\$26.39	\$4.61
2346	22-Jan-12	22	9	\$21.13	Yes	\$26.39	\$5.26
2347	22-Jan-12	22	10	\$21.02	Yes	\$26.39	\$5.37
2348	22-Jan-12	22	11	\$18.93	Yes	\$26.39	\$7.46
2349	22-Jan-12	22	12	\$24.26	Yes	\$26.39	\$2.13
2350	22-Jan-12	23	1	\$27.84	Yes	\$26.39	-\$1.45
2351	22-Jan-12	23	2	\$29.02	Yes	\$26.39	-\$2.63
2352	22-Jan-12	23	3	\$26.10	Yes	\$26.39	\$0.29
2353	22-Jan-12	23	4	\$8.69	Yes	\$26.39	\$17.70
2354	22-Jan-12	23	5	\$19.08	Yes	\$26.39	\$7.31
2355	22-Jan-12	23	6	\$19.08	Yes	\$26.39	\$7.31
2356	22-Jan-12	23	7	\$21.56	Yes	\$26.39	\$4.83
2357	22-Jan-12	23	8	\$11.67	Yes	\$26.39	\$14.72
2358	22-Jan-12	23	9	\$12.22	Yes	\$26.39	\$14.17
2359	22-Jan-12	23	10	\$17.18	Yes	\$26.39	\$9.21
2360	22-Jan-12	23	11	\$18.58	Yes	\$26.39	\$7.81
2361	22-Jan-12	23	12	\$18.58	Yes	\$26.39	\$7.81
2362	22-Jan-12	24	1	\$22.09	Yes	\$26.39	\$4.30
2363	22-Jan-12	24	2	\$22.05	Yes	\$26.39	\$4.34
2364	22-Jan-12	24	3	\$22.05	Yes	\$26.39	\$4.34
2365	22-Jan-12	24	4	\$20.44	Yes	\$26.39	\$5.95
2366	22-Jan-12	24	5	\$20.85	Yes	\$26.39	\$5.54
2367	22-Jan-12	24	6	\$19.85	Yes	\$26.39	\$6.54
2368	22-Jan-12	24	7	\$20.15	Yes	\$26.39	\$6.24
2369	22-Jan-12	24	8	\$18.44	Yes	\$26.39	\$7.95
2370	22-Jan-12	24	9	\$18.50	Yes	\$26.39	\$7.89
2371	22-Jan-12	24	10	\$16.73	Yes	\$26.39	\$9.66
2372	22-Jan-12	24	11	\$17.46	Yes	\$26.39	\$8.93
2373	22-Jan-12	24	12	\$13.23	Yes	\$26.39	\$13.16
2374	23-Jan-12	1	1	\$21.44	Yes	\$26.39	\$4.95
2375	23-Jan-12	1	2	\$20.04	Yes	\$26.39	\$6.35
2376	23-Jan-12	1	3	\$20.87	Yes	\$26.39	\$5.52
2377	23-Jan-12	1	4	\$20.59	Yes	\$26.39	\$5.80
2378	23-Jan-12	1	5	\$20.59	Yes	\$26.39	\$5.80
2379	23-Jan-12	1	6	\$20.17	Yes	\$26.39	\$6.22
2380	23-Jan-12	1	7	\$20.57	Yes	\$26.39	\$5.82
2381	23-Jan-12	1	8	\$20.59	Yes	\$26.39	\$5.80
2382	23-Jan-12	1	9	\$20.42	Yes	\$26.39	\$5.97

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2383	23-Jan-12	1	10	\$20.12	Yes	\$26.39	\$6.27
2384	23-Jan-12	1	11	-\$2.46	Yes	\$26.39	\$28.85
2385	23-Jan-12	1	12	\$14.61	Yes	\$26.39	\$11.78
2386	23-Jan-12	2	1	\$18.73	Yes	\$26.39	\$7.66
2387	23-Jan-12	2	2	\$18.59	Yes	\$26.39	\$7.80
2388	23-Jan-12	2	3	\$12.88	Yes	\$26.39	\$13.51
2389	23-Jan-12	2	4	\$12.78	Yes	\$26.39	\$13.61
2390	23-Jan-12	2	5	\$12.77	Yes	\$26.39	\$13.62
2391	23-Jan-12	2	6	\$12.77	Yes	\$26.39	\$13.62
2392	23-Jan-12	2	7	\$12.75	Yes	\$26.39	\$13.64
2393	23-Jan-12	2	8	\$16.13	Yes	\$26.39	\$10.26
2394	23-Jan-12	2	9	\$16.13	Yes	\$26.39	\$10.26
2395	23-Jan-12	2	10	\$17.43	Yes	\$26.39	\$8.96
2396	23-Jan-12	2	11	\$16.15	Yes	\$26.39	\$10.24
2397	23-Jan-12	2	12	\$18.27	Yes	\$26.39	\$8.12
2398	23-Jan-12	3	1	\$20.22	Yes	\$26.39	\$6.17
2399	23-Jan-12	3	2	\$18.43	Yes	\$26.39	\$7.96
2400	23-Jan-12	3	3	-\$34.57	Yes	\$26.39	\$60.96
2401	23-Jan-12	3	4	-\$34.60	Yes	\$26.39	\$60.99
2402	23-Jan-12	3	5	-\$30.55	Yes	\$26.39	\$56.94
2403	23-Jan-12	3	6	-\$30.45	Yes	\$26.39	\$56.84
2404	23-Jan-12	3	7	-\$30.49	Yes	\$26.39	\$56.88
2405	23-Jan-12	3	8	-\$30.27	Yes	\$26.39	\$56.66
2406	23-Jan-12	3	9	-\$30.31	Yes	\$26.39	\$56.70
2407	23-Jan-12	3	10	-\$30.26	Yes	\$26.39	\$56.65
2408	23-Jan-12	3	11	-\$30.29	Yes	\$26.39	\$56.68
2409	23-Jan-12	3	12	-\$30.23	Yes	\$26.39	\$56.62
2410	23-Jan-12	4	1	-\$34.72	Yes	\$26.39	\$61.11
2411	23-Jan-12	4	2	-\$34.68	Yes	\$26.39	\$61.07
2412	23-Jan-12	4	3	-\$34.72	Yes	\$26.39	\$61.11
2413	23-Jan-12	4	4	-\$34.71	Yes	\$26.39	\$61.10
2414	23-Jan-12	4	5	-\$34.75	Yes	\$26.39	\$61.14
2415	23-Jan-12	4	6	-\$34.71	Yes	\$26.39	\$61.10
2416	23-Jan-12	4	7	-\$34.88	Yes	\$26.39	\$61.27
2417	23-Jan-12	4	8	-\$34.57	Yes	\$26.39	\$60.96
2418	23-Jan-12	4	9	-\$34.61	Yes	\$26.39	\$61.00
2419	23-Jan-12	4	10	-\$34.67	Yes	\$26.39	\$61.06
2420	23-Jan-12	4	11	-\$34.71	Yes	\$26.39	\$61.10
2421	23-Jan-12	4	12	-\$34.65	Yes	\$26.39	\$61.04
2422	23-Jan-12	5	1	\$10.18	Yes	\$26.39	\$16.21
2423	23-Jan-12	5	2	\$15.23	Yes	\$26.39	\$11.16
2424	23-Jan-12	5	3	-\$34.56	Yes	\$26.39	\$60.95
2425	23-Jan-12	5	4	\$17.53	Yes	\$26.39	\$8.86
2426	23-Jan-12	5	5	\$18.49	Yes	\$26.39	\$7.90
2427	23-Jan-12	5	6	\$18.49	Yes	\$26.39	\$7.90

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2428	23-Jan-12	5	7	\$18.45	Yes	\$26.39	\$7.94
2429	23-Jan-12	5	8	\$18.56	Yes	\$26.39	\$7.83
2430	23-Jan-12	5	9	\$18.56	Yes	\$26.39	\$7.83
2431	23-Jan-12	5	10	\$19.79	Yes	\$26.39	\$6.60
2432	23-Jan-12	5	11	\$18.56	Yes	\$26.39	\$7.83
2433	23-Jan-12	5	12	-\$30.45	Yes	\$26.39	\$56.84
2434	23-Jan-12	6	1	-\$30.13	Yes	\$26.39	\$56.52
2435	23-Jan-12	6	2	-\$30.13	Yes	\$26.39	\$56.52
2436	23-Jan-12	6	3	\$10.28	Yes	\$26.39	\$16.11
2437	23-Jan-12	6	4	\$10.37	Yes	\$26.39	\$16.02
2438	23-Jan-12	6	5	\$15.52	Yes	\$26.39	\$10.87
2439	23-Jan-12	6	6	\$22.18	Yes	\$26.39	\$4.21
2440	23-Jan-12	6	7	\$24.18	Yes	\$26.39	\$2.21
2441	23-Jan-12	6	8	\$24.18	Yes	\$26.39	\$2.21
2442	23-Jan-12	6	9	\$22.91	Yes	\$26.39	\$3.48
2443	23-Jan-12	6	10	\$25.39	Yes	\$26.39	\$1.00
2444	23-Jan-12	6	11	\$25.88	Yes	\$26.39	\$0.51
2445	23-Jan-12	6	12	\$24.39	Yes	\$26.39	\$2.00
2446	23-Jan-12	7	1	\$10.51	Yes	\$26.39	\$15.88
2447	23-Jan-12	7	2	\$17.62	Yes	\$26.39	\$8.77
2448	23-Jan-12	7	3	\$18.14	Yes	\$26.39	\$8.25
2449	23-Jan-12	7	4	\$19.68	Yes	\$26.39	\$6.71
2450	23-Jan-12	7	5	\$21.20	Yes	\$26.39	\$5.19
2451	23-Jan-12	7	6	\$21.26	Yes	\$26.39	\$5.13
2452	23-Jan-12	7	7	\$24.99	Yes	\$26.39	\$1.40
2453	23-Jan-12	7	8	\$24.77	Yes	\$26.39	\$1.62
2454	23-Jan-12	7	9	\$31.75	Yes	\$26.39	-\$5.36
2455	23-Jan-12	7	10	\$35.72	Yes	\$26.39	-\$9.33
2456	23-Jan-12	7	11	\$66.53	Yes	\$26.39	-\$40.14
2457	23-Jan-12	7	12	\$973.29	Yes	\$26.39	-\$946.90
2458	23-Jan-12	8	1	\$35.87	Yes	\$26.39	-\$9.48
2459	23-Jan-12	8	2	\$32.36	Yes	\$26.39	-\$5.97
2460	23-Jan-12	8	3	\$32.77	Yes	\$26.39	-\$6.38
2461	23-Jan-12	8	4	\$32.77	Yes	\$26.39	-\$6.38
2462	23-Jan-12	8	5	\$32.77	Yes	\$26.39	-\$6.38
2463	23-Jan-12	8	6	\$32.77	Yes	\$26.39	-\$6.38
2464	23-Jan-12	8	7	\$76.64	Yes	\$26.39	-\$50.25
2465	23-Jan-12	8	8	\$69.51	Yes	\$26.39	-\$43.12
2466	23-Jan-12	8	9	\$69.96	Yes	\$26.39	-\$43.57
2467	23-Jan-12	8	10	\$41.18	Yes	\$26.39	-\$14.79
2468	23-Jan-12	8	11	\$35.91	Yes	\$26.39	-\$9.52
2469	23-Jan-12	8	12	\$31.67	Yes	\$26.39	-\$5.28
2470	23-Jan-12	9	1	\$31.69	Yes	\$26.39	-\$5.30
2471	23-Jan-12	9	2	\$31.69	Yes	\$26.39	-\$5.30
2472	23-Jan-12	9	3	\$31.69	Yes	\$26.39	-\$5.30

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2473	23-Jan-12	9	4	\$32.87	Yes	\$26.39	-\$6.48
2474	23-Jan-12	9	5	\$31.99	Yes	\$26.39	-\$5.60
2475	23-Jan-12	9	6	\$32.87	Yes	\$26.39	-\$6.48
2476	23-Jan-12	9	7	\$32.94	Yes	\$26.39	-\$6.55
2477	23-Jan-12	9	8	\$26.83	Yes	\$26.39	-\$0.44
2478	23-Jan-12	9	9	\$35.27	Yes	\$26.39	-\$8.88
2479	23-Jan-12	9	10	\$34.65	Yes	\$26.39	-\$8.26
2480	23-Jan-12	9	11	\$34.65	Yes	\$26.39	-\$8.26
2481	23-Jan-12	9	12	\$33.13	Yes	\$26.39	-\$6.74
2482	23-Jan-12	10	1	\$26.70	Yes	\$26.39	-\$0.31
2483	23-Jan-12	10	2	\$26.70	Yes	\$26.39	-\$0.31
2484	23-Jan-12	10	3	\$26.70	Yes	\$26.39	-\$0.31
2485	23-Jan-12	10	4	\$31.69	Yes	\$26.39	-\$5.30
2486	23-Jan-12	10	5	\$31.69	Yes	\$26.39	-\$5.30
2487	23-Jan-12	10	6	\$31.79	Yes	\$26.39	-\$5.40
2488	23-Jan-12	10	7	\$31.80	Yes	\$26.39	-\$5.41
2489	23-Jan-12	10	8	\$49.70	Yes	\$26.39	-\$23.31
2490	23-Jan-12	10	9	\$32.92	Yes	\$26.39	-\$6.53
2491	23-Jan-12	10	10	\$31.77	Yes	\$26.39	-\$5.38
2492	23-Jan-12	10	11	\$41.62	Yes	\$26.39	-\$15.23
2493	23-Jan-12	10	12	\$35.75	Yes	\$26.39	-\$9.36
2494	23-Jan-12	11	1	\$32.70	Yes	\$26.39	-\$6.31
2495	23-Jan-12	11	2	\$41.42	Yes	\$26.39	-\$15.03
2496	23-Jan-12	11	3	\$51.03	Yes	\$26.39	-\$24.64
2497	23-Jan-12	11	4	\$80.05	Yes	\$26.39	-\$53.66
2498	23-Jan-12	11	5	\$997.30	Yes	\$26.39	-\$970.91
2499	23-Jan-12	11	6	\$993.43	Yes	\$26.39	-\$967.04
2500	23-Jan-12	11	7	\$993.43	Yes	\$26.39	-\$967.04
2501	23-Jan-12	11	8	\$69.99	Yes	\$26.39	-\$43.60
2502	23-Jan-12	11	9	\$76.65	Yes	\$26.39	-\$50.26
2503	23-Jan-12	11	10	\$51.71	Yes	\$26.39	-\$25.32
2504	23-Jan-12	11	11	\$27.13	Yes	\$26.39	-\$0.74
2505	23-Jan-12	11	12	\$50.98	Yes	\$26.39	-\$24.59
2506	23-Jan-12	12	1	\$42.68	Yes	\$26.39	-\$16.29
2507	23-Jan-12	12	2	\$42.68	Yes	\$26.39	-\$16.29
2508	23-Jan-12	12	3	\$50.35	Yes	\$26.39	-\$23.96
2509	23-Jan-12	12	4	\$36.40	Yes	\$26.39	-\$10.01
2510	23-Jan-12	12	5	\$36.40	Yes	\$26.39	-\$10.01
2511	23-Jan-12	12	6	\$26.75	Yes	\$26.39	-\$0.36
2512	23-Jan-12	12	7	\$26.87	Yes	\$26.39	-\$0.48
2513	23-Jan-12	12	8	\$29.45	Yes	\$26.39	-\$3.06
2514	23-Jan-12	12	9	\$36.94	Yes	\$26.39	-\$10.55
2515	23-Jan-12	12	10	\$36.23	Yes	\$26.39	-\$9.84
2516	23-Jan-12	12	11	\$36.23	Yes	\$26.39	-\$9.84
2517	23-Jan-12	12	12	\$31.78	Yes	\$26.39	-\$5.39

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2518	23-Jan-12	13	1	\$29.40	Yes	\$26.39	-\$3.01
2519	23-Jan-12	13	2	\$29.23	Yes	\$26.39	-\$2.84
2520	23-Jan-12	13	3	\$31.66	Yes	\$26.39	-\$5.27
2521	23-Jan-12	13	4	\$33.05	Yes	\$26.39	-\$6.66
2522	23-Jan-12	13	5	\$33.05	Yes	\$26.39	-\$6.66
2523	23-Jan-12	13	6	\$32.02	Yes	\$26.39	-\$5.63
2524	23-Jan-12	13	7	\$28.42	Yes	\$26.39	-\$2.03
2525	23-Jan-12	13	8	\$31.64	Yes	\$26.39	-\$5.25
2526	23-Jan-12	13	9	\$29.37	Yes	\$26.39	-\$2.98
2527	23-Jan-12	13	10	\$31.65	Yes	\$26.39	-\$5.26
2528	23-Jan-12	13	11	\$26.90	Yes	\$26.39	-\$0.51
2529	23-Jan-12	13	12	\$27.41	Yes	\$26.39	-\$1.02
2530	23-Jan-12	14	1	\$26.83	Yes	\$26.39	-\$0.44
2531	23-Jan-12	14	2	\$26.83	Yes	\$26.39	-\$0.44
2532	23-Jan-12	14	3	\$24.18	Yes	\$26.39	\$2.21
2533	23-Jan-12	14	4	\$25.85	Yes	\$26.39	\$0.54
2534	23-Jan-12	14	5	\$26.59	Yes	\$26.39	-\$0.20
2535	23-Jan-12	14	6	\$28.14	Yes	\$26.39	-\$1.75
2536	23-Jan-12	14	7	\$33.11	Yes	\$26.39	-\$6.72
2537	23-Jan-12	14	8	\$33.10	Yes	\$26.39	-\$6.71
2538	23-Jan-12	14	9	\$41.37	Yes	\$26.39	-\$14.98
2539	23-Jan-12	14	10	\$35.82	Yes	\$26.39	-\$9.43
2540	23-Jan-12	14	11	\$35.62	Yes	\$26.39	-\$9.23
2541	23-Jan-12	14	12	\$26.74	Yes	\$26.39	-\$0.35
2542	23-Jan-12	15	1	\$28.69	Yes	\$26.39	-\$2.30
2543	23-Jan-12	15	2	\$28.69	Yes	\$26.39	-\$2.30
2544	23-Jan-12	15	3	\$25.84	Yes	\$26.39	\$0.55
2545	23-Jan-12	15	4	\$27.36	Yes	\$26.39	-\$0.97
2546	23-Jan-12	15	5	\$27.36	Yes	\$26.39	-\$0.97
2547	23-Jan-12	15	6	\$34.84	Yes	\$26.39	-\$8.45
2548	23-Jan-12	15	7	\$33.79	Yes	\$26.39	-\$7.40
2549	23-Jan-12	15	8	\$30.92	Yes	\$26.39	-\$4.53
2550	23-Jan-12	15	9	\$30.92	Yes	\$26.39	-\$4.53
2551	23-Jan-12	15	10	\$29.14	Yes	\$26.39	-\$2.75
2552	23-Jan-12	15	11	\$29.90	Yes	\$26.39	-\$3.51
2553	23-Jan-12	15	12	\$29.96	Yes	\$26.39	-\$3.57
2554	23-Jan-12	16	1	\$27.30	Yes	\$26.39	-\$0.91
2555	23-Jan-12	16	2	\$28.14	Yes	\$26.39	-\$1.75
2556	23-Jan-12	16	3	\$30.98	Yes	\$26.39	-\$4.59
2557	23-Jan-12	16	4	\$33.85	Yes	\$26.39	-\$7.46
2558	23-Jan-12	16	5	\$34.77	Yes	\$26.39	-\$8.38
2559	23-Jan-12	16	6	\$35.13	Yes	\$26.39	-\$8.74
2560	23-Jan-12	16	7	\$35.10	Yes	\$26.39	-\$8.71
2561	23-Jan-12	16	8	\$34.46	Yes	\$26.39	-\$8.07
2562	23-Jan-12	16	9	\$36.04	Yes	\$26.39	-\$9.65

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2563	23-Jan-12	16	10	\$36.13	Yes	\$26.39	-\$9.74
2564	23-Jan-12	16	11	\$35.94	Yes	\$26.39	-\$9.55
2565	23-Jan-12	16	12	\$33.86	Yes	\$26.39	-\$7.47
2566	23-Jan-12	17	1	\$21.16	Yes	\$26.39	\$5.23
2567	23-Jan-12	17	2	\$18.92	Yes	\$26.39	\$7.47
2568	23-Jan-12	17	3	\$20.96	Yes	\$26.39	\$5.43
2569	23-Jan-12	17	4	\$21.25	Yes	\$26.39	\$5.14
2570	23-Jan-12	17	5	\$21.27	Yes	\$26.39	\$5.12
2571	23-Jan-12	17	6	\$21.77	Yes	\$26.39	\$4.62
2572	23-Jan-12	17	7	\$21.80	Yes	\$26.39	\$4.59
2573	23-Jan-12	17	8	\$22.21	Yes	\$26.39	\$4.18
2574	23-Jan-12	17	9	\$24.30	Yes	\$26.39	\$2.09
2575	23-Jan-12	17	10	\$27.14	Yes	\$26.39	-\$0.75
2576	23-Jan-12	17	11	\$26.20	Yes	\$26.39	\$0.19
2577	23-Jan-12	17	12	\$27.29	Yes	\$26.39	-\$0.90
2578	23-Jan-12	18	1	\$21.52	Yes	\$26.39	\$4.87
2579	23-Jan-12	18	2	\$21.52	Yes	\$26.39	\$4.87
2580	23-Jan-12	18	3	\$21.52	Yes	\$27.58	\$6.06
2581	23-Jan-12	18	3	\$21.52	Yes	\$26.39	\$4.87
2582	23-Jan-12	18	4	\$16.28	Yes	\$27.58	\$11.30
2583	23-Jan-12	18	4	\$16.28	Yes	\$26.39	\$10.11
2584	23-Jan-12	18	5	\$21.45	Yes	\$27.58	\$6.13
2585	23-Jan-12	18	5	\$21.45	Yes	\$26.39	\$4.94
2586	23-Jan-12	18	6	\$24.50	Yes	\$27.58	\$3.08
2587	23-Jan-12	18	6	\$24.50	Yes	\$26.39	\$1.89
2588	23-Jan-12	18	7	\$22.83	Yes	\$27.58	\$4.75
2589	23-Jan-12	18	7	\$22.83	Yes	\$26.39	\$3.56
2590	23-Jan-12	18	8	\$23.97	Yes	\$27.58	\$3.61
2591	23-Jan-12	18	8	\$23.97	Yes	\$26.39	\$2.42
2592	23-Jan-12	18	9	\$24.35	Yes	\$27.58	\$3.23
2593	23-Jan-12	18	9	\$24.35	Yes	\$26.39	\$2.04
2594	23-Jan-12	18	10	\$24.95	Yes	\$27.58	\$2.63
2595	23-Jan-12	18	10	\$24.95	Yes	\$26.39	\$1.44
2596	23-Jan-12	18	11	\$33.37	Yes	\$27.58	-\$5.79
2597	23-Jan-12	18	11	\$33.37	Yes	\$26.39	-\$6.98
2598	23-Jan-12	18	12	\$35.20	Yes	\$27.58	-\$7.62
2599	23-Jan-12	18	12	\$35.20	Yes	\$26.39	-\$8.81
2600	23-Jan-12	19	1	\$32.46	Yes	\$27.58	-\$4.88
2601	23-Jan-12	19	1	\$32.46	Yes	\$26.39	-\$6.07
2602	23-Jan-12	19	2	\$42.84	Yes	\$26.39	-\$16.45
2603	23-Jan-12	19	2	\$42.84	Yes	\$27.58	-\$15.26
2604	23-Jan-12	19	3	\$38.86	Yes	\$27.58	-\$11.28
2605	23-Jan-12	19	3	\$38.86	Yes	\$26.39	-\$12.47
2606	23-Jan-12	19	4	\$37.33	Yes	\$27.58	-\$9.75
2607	23-Jan-12	19	4	\$37.33	Yes	\$26.39	-\$10.94

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2608	23-Jan-12	19	5	\$34.78	Yes	\$27.58	-\$7.20
2609	23-Jan-12	19	5	\$34.78	Yes	\$26.39	-\$8.39
2610	23-Jan-12	19	6	\$33.91	Yes	\$26.39	-\$7.52
2611	23-Jan-12	19	6	\$33.91	Yes	\$27.58	-\$6.33
2612	23-Jan-12	19	7	\$36.52	Yes	\$27.58	-\$8.94
2613	23-Jan-12	19	7	\$36.52	Yes	\$26.39	-\$10.13
2614	23-Jan-12	19	8	\$29.42	Yes	\$27.58	-\$1.84
2615	23-Jan-12	19	8	\$29.42	Yes	\$26.39	-\$3.03
2616	23-Jan-12	19	9	\$27.73	Yes	\$27.58	-\$0.15
2617	23-Jan-12	19	9	\$27.73	Yes	\$26.39	-\$1.34
2618	23-Jan-12	19	10	\$27.75	Yes	\$27.58	-\$0.17
2619	23-Jan-12	19	10	\$27.75	Yes	\$26.39	-\$1.36
2620	23-Jan-12	19	11	\$26.45	Yes	\$27.58	\$1.13
2621	23-Jan-12	19	11	\$26.45	Yes	\$26.39	-\$0.06
2622	23-Jan-12	19	12	\$26.56	Yes	\$27.58	\$1.02
2623	23-Jan-12	19	12	\$26.56	Yes	\$26.39	-\$0.17
2624	23-Jan-12	20	1	\$33.57	Yes	\$26.39	-\$7.18
2625	23-Jan-12	20	2	\$34.10	Yes	\$26.39	-\$7.71
2626	23-Jan-12	20	3	\$33.77	Yes	\$26.39	-\$7.38
2627	23-Jan-12	20	4	\$33.38	Yes	\$26.39	-\$6.99
2628	23-Jan-12	20	5	\$32.81	Yes	\$26.39	-\$6.42
2629	23-Jan-12	20	6	\$32.81	Yes	\$26.39	-\$6.42
2630	23-Jan-12	20	7	\$31.80	Yes	\$26.39	-\$5.41
2631	23-Jan-12	20	8	\$25.86	Yes	\$26.39	\$0.53
2632	23-Jan-12	20	9	\$25.86	Yes	\$26.39	\$0.53
2633	23-Jan-12	20	10	\$25.82	Yes	\$26.39	\$0.57
2634	23-Jan-12	20	11	\$23.61	Yes	\$26.39	\$2.78
2635	23-Jan-12	20	12	\$24.23	Yes	\$26.39	\$2.16
2636	23-Jan-12	21	1	\$30.46	Yes	\$26.39	-\$4.07
2637	23-Jan-12	21	2	\$35.95	Yes	\$26.39	-\$9.56
2638	23-Jan-12	21	3	\$35.95	Yes	\$26.39	-\$9.56
2639	23-Jan-12	21	4	\$34.56	Yes	\$26.39	-\$8.17
2640	23-Jan-12	21	5	\$28.58	Yes	\$26.39	-\$2.19
2641	23-Jan-12	21	6	\$29.39	Yes	\$26.39	-\$3.00
2642	23-Jan-12	21	7	\$27.02	Yes	\$26.39	-\$0.63
2643	23-Jan-12	21	8	\$22.96	Yes	\$26.39	\$3.43
2644	23-Jan-12	21	9	\$22.31	Yes	\$26.39	\$4.08
2645	23-Jan-12	21	10	\$22.17	Yes	\$26.39	\$4.22
2646	23-Jan-12	21	11	\$21.15	Yes	\$26.39	\$5.24
2647	23-Jan-12	21	12	\$21.15	Yes	\$26.39	\$5.24
2648	23-Jan-12	22	1	\$26.10	Yes	\$26.39	\$0.29
2649	23-Jan-12	22	2	\$25.91	Yes	\$26.39	\$0.48
2650	23-Jan-12	22	3	\$25.54	Yes	\$26.39	\$0.85
2651	23-Jan-12	22	4	\$25.19	Yes	\$26.39	\$1.20
2652	23-Jan-12	22	5	\$25.19	Yes	\$26.39	\$1.20

Department of Market Analysis and Development – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2653	23-Jan-12	22	6	\$25.19	Yes	\$26.39	\$1.20
2654	23-Jan-12	22	7	\$25.10	Yes	\$26.39	\$1.29
2655	23-Jan-12	22	8	\$24.26	Yes	\$26.39	\$2.13
2656	23-Jan-12	22	9	\$24.19	Yes	\$26.39	\$2.20
2657	23-Jan-12	22	10	\$23.20	Yes	\$26.39	\$3.19
2658	23-Jan-12	22	11	\$21.53	Yes	\$26.39	\$4.86
2659	23-Jan-12	22	12	\$18.96	Yes	\$26.39	\$7.43
2660	23-Jan-12	23	1	\$18.96	Yes	\$26.39	\$7.43
2661	23-Jan-12	23	2	\$22.88	Yes	\$26.39	\$3.51
2662	23-Jan-12	23	3	\$18.67	Yes	\$26.39	\$7.72
2663	23-Jan-12	23	4	\$20.55	Yes	\$26.39	\$5.84
2664	23-Jan-12	23	5	\$23.62	Yes	\$26.39	\$2.77
2665	23-Jan-12	23	6	\$22.90	Yes	\$26.39	\$3.49
2666	23-Jan-12	23	7	\$18.79	Yes	\$26.39	\$7.60
2667	23-Jan-12	23	8	\$15.91	Yes	\$26.39	\$10.48
2668	23-Jan-12	23	9	\$15.91	Yes	\$26.39	\$10.48
2669	23-Jan-12	23	10	\$17.65	Yes	\$26.39	\$8.74
2670	23-Jan-12	23	11	\$17.65	Yes	\$26.39	\$8.74
2671	23-Jan-12	23	12	\$15.43	Yes	\$26.39	\$10.96
2672	23-Jan-12	24	1	\$25.42	Yes	\$26.39	\$0.97
2673	23-Jan-12	24	2	\$21.51	Yes	\$26.39	\$4.88
2674	23-Jan-12	24	3	\$20.82	Yes	\$26.39	\$5.57
2675	23-Jan-12	24	4	\$20.48	Yes	\$26.39	\$5.91
2676	23-Jan-12	24	5	\$19.75	Yes	\$26.39	\$6.64
2677	23-Jan-12	24	6	\$19.03	Yes	\$26.39	\$7.36
2678	23-Jan-12	24	7	\$18.83	Yes	\$26.39	\$7.56
2679	23-Jan-12	24	8	\$17.41	Yes	\$26.39	\$8.98
2680	23-Jan-12	24	9	\$18.33	Yes	\$26.39	\$8.06
2681	23-Jan-12	24	10	\$4.70	Yes	\$26.39	\$21.69
2682	23-Jan-12	24	11	\$10.61	Yes	\$26.39	\$15.78
2683	23-Jan-12	24	12	\$10.61	Yes	\$26.39	\$15.78
2684	24-Jan-12	9	12	\$27.24	Yes	\$29.11	\$1.87
2685	24-Jan-12	10	1	\$27.24	Yes	\$29.11	\$1.87
2686	24-Jan-12	10	2	\$26.57	Yes	\$29.11	\$2.54
2687	24-Jan-12	10	3	\$26.57	Yes	\$29.11	\$2.54
2688	24-Jan-12	10	4	\$26.54	Yes	\$29.11	\$2.57
2689	24-Jan-12	10	5	\$26.76	Yes	\$29.11	\$2.35
2690	24-Jan-12	10	6	\$27.23	Yes	\$29.11	\$1.88
2691	24-Jan-12	10	7	\$27.67	Yes	\$29.11	\$1.44
2692	24-Jan-12	10	8	\$26.48	Yes	\$29.11	\$2.63
2693	24-Jan-12	10	9	\$29.45	Yes	\$29.11	-\$0.34
2694	24-Jan-12	10	10	\$34.44	Yes	\$29.11	-\$5.33
2695	24-Jan-12	10	11	\$34.22	Yes	\$29.11	-\$5.11
2696	24-Jan-12	10	12	\$29.47	Yes	\$29.11	-\$0.36
2697	24-Jan-12	11	1	\$27.47	Yes	\$29.11	\$1.64

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2698	24-Jan-12	11	2	\$28.17	Yes	\$29.11	\$0.94
2699	24-Jan-12	11	3	\$28.70	Yes	\$29.11	\$0.41
2700	24-Jan-12	11	4	\$28.35	Yes	\$29.11	\$0.76
2701	24-Jan-12	11	5	\$28.54	Yes	\$29.11	\$0.57
2702	24-Jan-12	11	6	\$27.48	Yes	\$29.11	\$1.63
2703	24-Jan-12	11	7	\$26.54	Yes	\$29.11	\$2.57
2704	24-Jan-12	11	8	\$26.53	Yes	\$29.11	\$2.58
2705	24-Jan-12	11	9	\$26.53	Yes	\$29.11	\$2.58
2706	24-Jan-12	11	10	\$25.64	Yes	\$29.11	\$3.47
2707	24-Jan-12	11	11	\$25.64	Yes	\$29.11	\$3.47
2708	24-Jan-12	11	12	\$26.41	Yes	\$29.11	\$2.70
2709	24-Jan-12	12	1	\$25.75	Yes	\$29.11	\$3.36
2710	24-Jan-12	12	2	\$25.18	Yes	\$29.11	\$3.93
2711	24-Jan-12	12	3	\$23.44	Yes	\$29.11	\$5.67
2712	24-Jan-12	12	4	\$24.05	Yes	\$29.11	\$5.06
2713	24-Jan-12	12	5	\$23.54	Yes	\$29.11	\$5.57
2714	24-Jan-12	12	6	\$23.52	Yes	\$29.11	\$5.59
2715	24-Jan-12	12	7	\$23.50	Yes	\$29.11	\$5.61
2716	24-Jan-12	12	8	\$21.45	Yes	\$29.11	\$7.66
2717	24-Jan-12	12	9	\$23.17	Yes	\$29.11	\$5.94
2718	24-Jan-12	12	10	\$23.25	Yes	\$29.11	\$5.86
2719	24-Jan-12	12	11	\$23.25	Yes	\$29.11	\$5.86
2720	24-Jan-12	12	12	\$23.22	Yes	\$29.11	\$5.89
2721	24-Jan-12	13	1	\$23.86	Yes	\$29.11	\$5.25
2722	24-Jan-12	13	2	\$23.55	Yes	\$29.11	\$5.56
2723	24-Jan-12	13	3	\$23.57	Yes	\$29.11	\$5.54
2724	24-Jan-12	13	4	\$23.13	Yes	\$29.11	\$5.98
2725	24-Jan-12	13	5	\$23.15	Yes	\$29.11	\$5.96
2726	24-Jan-12	13	6	\$22.34	Yes	\$29.11	\$6.77
2727	24-Jan-12	13	7	\$22.33	Yes	\$29.11	\$6.78
2728	24-Jan-12	13	8	\$22.35	Yes	\$29.11	\$6.76
2729	24-Jan-12	13	9	\$23.04	Yes	\$29.11	\$6.07
2730	24-Jan-12	13	10	\$21.93	Yes	\$29.11	\$7.18
2731	24-Jan-12	13	11	\$21.92	Yes	\$29.11	\$7.19
2732	24-Jan-12	13	12	\$21.91	Yes	\$29.11	\$7.20
2733	24-Jan-12	14	1	\$21.27	Yes	\$29.11	\$7.84
2734	24-Jan-12	14	2	\$21.27	Yes	\$29.11	\$7.84
2735	24-Jan-12	14	3	\$21.27	Yes	\$29.11	\$7.84
2736	24-Jan-12	14	4	\$21.21	Yes	\$29.11	\$7.90
2737	24-Jan-12	14	5	\$22.44	Yes	\$29.11	\$6.67
2738	24-Jan-12	14	6	\$21.21	Yes	\$29.11	\$7.90
2739	24-Jan-12	14	7	\$21.02	Yes	\$29.11	\$8.09
2740	24-Jan-12	14	8	\$21.06	Yes	\$29.11	\$8.05
2741	24-Jan-12	14	9	\$20.70	Yes	\$29.11	\$8.41
2742	24-Jan-12	14	10	\$20.77	Yes	\$29.11	\$8.34

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2743	24-Jan-12	14	11	\$20.66	Yes	\$29.11	\$8.45
2744	24-Jan-12	14	12	\$20.23	Yes	\$29.11	\$8.88
2745	24-Jan-12	15	1	\$20.48	Yes	\$29.11	\$8.63
2746	24-Jan-12	15	2	\$20.47	Yes	\$29.11	\$8.64
2747	24-Jan-12	15	3	\$20.47	Yes	\$29.11	\$8.64
2748	24-Jan-12	15	4	\$19.85	Yes	\$29.11	\$9.26
2749	24-Jan-12	15	5	\$19.85	Yes	\$29.11	\$9.26
2750	24-Jan-12	15	6	\$20.41	Yes	\$29.11	\$8.70
2751	24-Jan-12	15	7	\$19.33	Yes	\$29.11	\$9.78
2752	24-Jan-12	15	8	\$19.25	Yes	\$29.11	\$9.86
2753	24-Jan-12	15	9	\$19.83	Yes	\$29.11	\$9.28
2754	24-Jan-12	15	10	\$19.33	Yes	\$29.11	\$9.78
2755	24-Jan-12	15	11	\$19.85	Yes	\$29.11	\$9.26
2756	24-Jan-12	15	12	\$20.42	Yes	\$29.11	\$8.69
2757	24-Jan-12	16	1	\$19.87	Yes	\$29.11	\$9.24
2758	24-Jan-12	16	2	\$20.57	Yes	\$29.11	\$8.54
2759	24-Jan-12	16	3	\$21.14	Yes	\$29.11	\$7.97
2760	24-Jan-12	16	4	\$21.06	Yes	\$29.11	\$8.05
2761	24-Jan-12	16	5	\$21.45	Yes	\$29.11	\$7.66
2762	24-Jan-12	16	6	\$23.43	Yes	\$29.11	\$5.68
2763	24-Jan-12	16	7	\$23.43	Yes	\$29.11	\$5.68
2764	24-Jan-12	16	8	\$23.14	Yes	\$29.11	\$5.97
2765	24-Jan-12	16	9	\$23.17	Yes	\$29.11	\$5.94
2766	24-Jan-12	16	10	\$23.19	Yes	\$29.11	\$5.92
2767	24-Jan-12	16	11	\$23.19	Yes	\$29.11	\$5.92
2768	24-Jan-12	16	12	\$21.68	Yes	\$29.11	\$7.43
2769	24-Jan-12	17	1	\$21.12	Yes	\$29.11	\$7.99
2770	24-Jan-12	17	2	\$20.41	Yes	\$29.11	\$8.70
2771	24-Jan-12	17	3	\$20.86	Yes	\$29.11	\$8.25
2772	24-Jan-12	17	4	\$21.11	Yes	\$29.11	\$8.00
2773	24-Jan-12	17	5	\$21.15	Yes	\$29.11	\$7.96
2774	24-Jan-12	17	6	\$21.15	Yes	\$29.11	\$7.96
2775	24-Jan-12	17	7	\$21.59	Yes	\$29.11	\$7.52
2776	24-Jan-12	17	8	\$23.53	Yes	\$29.11	\$5.58
2777	24-Jan-12	17	9	\$23.98	Yes	\$29.11	\$5.13
2778	24-Jan-12	17	10	\$26.69	Yes	\$29.11	\$2.42
2779	24-Jan-12	17	11	\$26.70	Yes	\$29.11	\$2.41
2780	24-Jan-12	17	12	\$27.35	Yes	\$29.11	\$1.76
2781	24-Jan-12	18	1	\$21.14	Yes	\$29.11	\$7.97
2782	24-Jan-12	18	2	\$21.10	Yes	\$29.11	\$8.01
2783	24-Jan-12	18	3	\$21.34	Yes	\$29.11	\$7.77
2784	24-Jan-12	18	4	\$23.54	Yes	\$29.11	\$5.57
2785	24-Jan-12	18	5	\$24.71	Yes	\$29.11	\$4.40
2786	24-Jan-12	18	6	\$25.79	Yes	\$29.11	\$3.32
2787	24-Jan-12	18	7	\$30.09	Yes	\$29.11	-\$0.98

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2788	24-Jan-12	18	8	\$30.38	Yes	\$29.11	-\$1.27
2789	24-Jan-12	18	9	\$31.61	Yes	\$29.11	-\$2.50
2790	24-Jan-12	18	10	\$36.33	Yes	\$29.11	-\$7.22
2791	24-Jan-12	18	11	\$35.95	Yes	\$29.11	-\$6.84
2792	24-Jan-12	18	12	\$30.33	Yes	\$29.11	-\$1.22
2793	24-Jan-12	19	1	\$29.70	Yes	\$29.11	-\$0.59
2794	24-Jan-12	19	2	\$27.11	Yes	\$29.11	\$2.00
2795	24-Jan-12	19	3	\$31.18	Yes	\$29.11	-\$2.07
2796	24-Jan-12	19	4	\$29.70	Yes	\$29.11	-\$0.59
2797	24-Jan-12	19	5	\$26.57	Yes	\$29.11	\$2.54
2798	24-Jan-12	19	6	\$26.57	Yes	\$29.11	\$2.54
2799	24-Jan-12	19	7	\$25.72	Yes	\$29.11	\$3.39
2800	24-Jan-12	19	8	\$25.73	Yes	\$29.11	\$3.38
2801	24-Jan-12	19	9	\$26.57	Yes	\$29.11	\$2.54
2802	24-Jan-12	19	10	\$29.11	Yes	\$29.11	\$0.00
2803	24-Jan-12	19	11	\$25.75	Yes	\$29.11	\$3.36
2804	24-Jan-12	19	12	\$21.45	Yes	\$29.11	\$7.66
2805	24-Jan-12	20	1	\$23.55	Yes	\$29.11	\$5.56
2806	24-Jan-12	20	2	\$23.69	Yes	\$29.11	\$5.42
2807	24-Jan-12	20	3	\$23.67	Yes	\$29.11	\$5.44
2808	24-Jan-12	20	4	\$24.27	Yes	\$29.11	\$4.84
2809	24-Jan-12	20	5	\$24.45	Yes	\$29.11	\$4.66
2810	24-Jan-12	20	6	\$25.16	Yes	\$29.11	\$3.95
2811	24-Jan-12	20	7	\$24.60	Yes	\$29.11	\$4.51
2812	24-Jan-12	20	8	\$24.26	Yes	\$29.11	\$4.85
2813	24-Jan-12	20	9	\$24.24	Yes	\$29.11	\$4.87
2814	24-Jan-12	20	10	\$25.14	Yes	\$29.11	\$3.97
2815	24-Jan-12	20	11	\$24.89	Yes	\$29.11	\$4.22
2816	24-Jan-12	20	12	\$24.83	Yes	\$29.11	\$4.28
2817	25-Jan-12	9	5	\$27.76	Yes	\$29.29	\$1.53
2818	25-Jan-12	9	6	\$27.66	Yes	\$29.29	\$1.63
2819	25-Jan-12	9	7	\$27.76	Yes	\$29.29	\$1.53
2820	25-Jan-12	9	8	\$23.97	Yes	\$29.29	\$5.32
2821	25-Jan-12	9	9	\$23.96	Yes	\$29.29	\$5.33
2822	25-Jan-12	9	10	\$23.95	Yes	\$29.29	\$5.34
2823	25-Jan-12	9	11	\$23.95	Yes	\$29.29	\$5.34
2824	25-Jan-12	9	12	\$23.95	Yes	\$29.29	\$5.34
2825	25-Jan-12	10	1	\$13.06	Yes	\$29.29	\$16.23
2826	25-Jan-12	10	2	\$12.30	Yes	\$29.29	\$16.99
2827	25-Jan-12	10	3	\$13.59	Yes	\$29.29	\$15.70
2828	25-Jan-12	10	4	\$24.71	Yes	\$29.29	\$4.58
2829	25-Jan-12	10	5	\$24.71	Yes	\$29.29	\$4.58
2830	25-Jan-12	10	6	\$24.71	Yes	\$29.29	\$4.58
2831	25-Jan-12	10	7	\$23.98	Yes	\$29.29	\$5.31
2832	25-Jan-12	10	8	\$21.59	Yes	\$29.29	\$7.70

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2833	25-Jan-12	10	9	\$21.50	Yes	\$29.29	\$7.79
2834	25-Jan-12	10	9	\$21.50	Yes	\$29.29	\$7.79
2835	25-Jan-12	10	10	\$23.67	Yes	\$29.29	\$5.62
2836	25-Jan-12	10	11	\$23.00	Yes	\$29.29	\$6.29
2837	25-Jan-12	10	12	\$21.44	Yes	\$29.29	\$7.85
2838	25-Jan-12	16	1	\$24.03	Yes	\$29.29	\$5.26
2839	25-Jan-12	16	2	\$24.04	Yes	\$29.29	\$5.25
2840	25-Jan-12	16	3	\$24.03	Yes	\$29.29	\$5.26
2841	25-Jan-12	16	4	\$22.95	Yes	\$29.29	\$6.34
2842	25-Jan-12	16	5	\$22.95	Yes	\$29.29	\$6.34
2843	25-Jan-12	16	6	\$23.09	Yes	\$29.29	\$6.20
2844	25-Jan-12	16	7	\$21.90	Yes	\$29.29	\$7.39
2845	25-Jan-12	16	8	\$23.96	Yes	\$29.29	\$5.33
2846	25-Jan-12	16	9	\$23.96	Yes	\$29.29	\$5.33
2847	25-Jan-12	16	10	\$23.40	Yes	\$29.29	\$5.89
2848	25-Jan-12	16	11	\$23.96	Yes	\$29.29	\$5.33
2849	25-Jan-12	16	12	\$24.83	Yes	\$29.29	\$4.46
2850	25-Jan-12	17	1	\$22.30	No	\$29.29	\$6.99
2851	25-Jan-12	17	2	\$20.84	No	\$29.29	\$8.45
2852	25-Jan-12	17	3	\$21.51	No	\$29.29	\$7.78
2853	25-Jan-12	17	4	\$21.53	No	\$29.29	\$7.76
2854	25-Jan-12	17	5	\$21.78	No	\$29.29	\$7.51
2855	25-Jan-12	17	6	\$21.78	No	\$29.29	\$7.51
2856	25-Jan-12	17	7	\$21.78	No	\$29.29	\$7.51
2857	25-Jan-12	17	8	\$21.74	No	\$29.29	\$7.55
2858	25-Jan-12	17	9	\$24.07	No	\$29.29	\$5.22
2859	25-Jan-12	17	10	\$24.06	No	\$29.29	\$5.23
2860	25-Jan-12	17	11	\$24.45	No	\$29.29	\$4.84
2861	25-Jan-12	17	12	\$24.05	No	\$29.29	\$5.24
2862	25-Jan-12	18	1	\$21.27	No	\$29.29	\$8.02
2863	25-Jan-12	18	2	\$21.19	No	\$29.29	\$8.10
2864	25-Jan-12	18	3	\$21.67	No	\$29.29	\$7.62
2865	25-Jan-12	18	4	\$21.46	No	\$29.29	\$7.83
2866	25-Jan-12	18	5	\$21.84	No	\$29.29	\$7.45
2867	25-Jan-12	18	6	\$21.87	No	\$29.29	\$7.42
2868	25-Jan-12	18	7	\$21.82	No	\$29.29	\$7.47
2869	25-Jan-12	18	8	\$24.55	No	\$29.29	\$4.74
2870	25-Jan-12	18	9	\$24.94	No	\$29.29	\$4.35
2871	25-Jan-12	18	10	\$39.06	No	\$29.29	-\$9.77
2872	25-Jan-12	18	11	\$36.57	No	\$29.29	-\$7.28
2873	25-Jan-12	18	12	\$30.17	No	\$29.29	-\$0.88
2874	25-Jan-12	19	1	\$24.48	No	\$29.29	\$4.81
2875	25-Jan-12	19	2	\$24.09	No	\$29.29	\$5.20
2876	25-Jan-12	19	3	\$24.08	No	\$29.29	\$5.21
2877	25-Jan-12	19	4	\$24.09	No	\$29.29	\$5.20

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2878	25-Jan-12	19	5	\$24.10	No	\$29.29	\$5.19
2879	25-Jan-12	19	6	\$24.49	No	\$29.29	\$4.80
2880	25-Jan-12	19	7	\$24.06	No	\$29.29	\$5.23
2881	25-Jan-12	19	8	\$32.47	No	\$29.29	-\$3.18
2882	25-Jan-12	19	9	\$27.13	No	\$29.29	\$2.16
2883	25-Jan-12	19	10	\$32.67	No	\$29.29	-\$3.38
2884	25-Jan-12	19	11	\$27.45	No	\$29.29	\$1.84
2885	25-Jan-12	19	12	\$32.67	No	\$29.29	-\$3.38
2886	26-Jan-12	1	1	-\$28.94	Yes	\$29.06	\$58.00
2887	26-Jan-12	1	2	-\$28.94	Yes	\$29.06	\$58.00
2888	26-Jan-12	1	3	-\$63.64	Yes	\$29.06	\$92.70
2889	26-Jan-12	1	4	-\$27.16	Yes	\$29.06	\$56.22
2890	26-Jan-12	1	5	-\$30.10	Yes	\$29.06	\$59.16
2891	26-Jan-12	1	6	\$0.62	Yes	\$29.06	\$28.44
2892	26-Jan-12	1	7	-\$25.98	Yes	\$29.06	\$55.04
2893	26-Jan-12	1	8	-\$25.77	Yes	\$29.06	\$54.83
2894	26-Jan-12	1	9	-\$25.77	Yes	\$29.06	\$54.83
2895	26-Jan-12	1	10	-\$29.98	Yes	\$29.06	\$59.04
2896	26-Jan-12	1	11	-\$22.30	Yes	\$29.06	\$51.36
2897	26-Jan-12	1	12	-\$86.76	Yes	\$29.06	\$115.82
2898	26-Jan-12	2	1	\$0.45	Yes	\$29.06	\$28.61
2899	26-Jan-12	2	2	-\$45.50	Yes	\$29.06	\$74.56
2900	26-Jan-12	2	3	-\$80.93	Yes	\$29.06	\$109.99
2901	26-Jan-12	2	4	\$0.41	Yes	\$29.06	\$28.65
2902	26-Jan-12	2	5	-\$81.27	Yes	\$29.06	\$110.33
2903	26-Jan-12	2	6	-\$81.30	Yes	\$29.06	\$110.36
2904	26-Jan-12	2	7	-\$81.35	Yes	\$29.06	\$110.41
2905	26-Jan-12	2	8	-\$63.47	Yes	\$29.06	\$92.53
2906	26-Jan-12	2	9	-\$81.55	Yes	\$29.06	\$110.61
2907	26-Jan-12	2	10	-\$81.78	Yes	\$29.06	\$110.84
2908	26-Jan-12	2	11	-\$78.51	Yes	\$29.06	\$107.57
2909	26-Jan-12	2	12	-\$81.78	Yes	\$29.06	\$110.84
2910	26-Jan-12	3	1	-\$81.90	Yes	\$29.06	\$110.96
2911	26-Jan-12	3	2	-\$79.93	Yes	\$29.06	\$108.99
2912	26-Jan-12	3	3	-\$77.45	Yes	\$29.06	\$106.51
2913	26-Jan-12	3	4	\$18.61	Yes	\$29.06	\$10.45
2914	26-Jan-12	3	5	\$0.39	Yes	\$29.06	\$28.67
2915	26-Jan-12	3	6	-\$73.25	Yes	\$29.06	\$102.31
2916	26-Jan-12	3	7	-\$81.66	Yes	\$29.06	\$110.72
2917	26-Jan-12	3	8	-\$81.56	Yes	\$29.06	\$110.62
2918	26-Jan-12	3	9	-\$81.51	Yes	\$29.06	\$110.57
2919	26-Jan-12	3	10	-\$81.37	Yes	\$29.06	\$110.43
2920	26-Jan-12	3	11	-\$76.94	Yes	\$29.06	\$106.00
2921	26-Jan-12	3	12	-\$81.32	Yes	\$29.06	\$110.38
2922	26-Jan-12	4	1	-\$77.12	Yes	\$29.06	\$106.18

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2923	26-Jan-12	4	2	\$0.35	Yes	\$29.06	\$28.71
2924	26-Jan-12	4	3	-\$29.95	Yes	\$29.06	\$59.01
2925	26-Jan-12	4	4	\$0.35	Yes	\$29.06	\$28.71
2926	26-Jan-12	4	5	\$0.35	Yes	\$29.06	\$28.71
2927	26-Jan-12	4	6	\$18.74	Yes	\$29.06	\$10.32
2928	26-Jan-12	4	7	\$18.88	Yes	\$29.06	\$10.18
2929	26-Jan-12	4	8	\$18.88	Yes	\$29.06	\$10.18
2930	26-Jan-12	4	9	\$18.91	Yes	\$29.06	\$10.15
2931	26-Jan-12	4	10	\$19.96	Yes	\$29.06	\$9.10
2932	26-Jan-12	4	11	\$19.96	Yes	\$29.06	\$9.10
2933	26-Jan-12	4	12	\$19.97	Yes	\$29.06	\$9.09
2934	26-Jan-12	5	1	\$0.00	Yes	\$29.06	\$29.06
2935	26-Jan-12	5	2	\$0.00	Yes	\$29.06	\$29.06
2936	26-Jan-12	5	3	-\$29.67	Yes	\$29.06	\$58.73
2937	26-Jan-12	5	4	\$18.93	Yes	\$29.06	\$10.13
2938	26-Jan-12	5	5	\$18.94	Yes	\$29.06	\$10.12
2939	26-Jan-12	5	6	\$18.94	Yes	\$29.06	\$10.12
2940	26-Jan-12	5	7	\$18.89	Yes	\$29.06	\$10.17
2941	26-Jan-12	5	8	\$19.02	Yes	\$29.06	\$10.04
2942	26-Jan-12	5	9	\$20.00	Yes	\$29.06	\$9.06
2943	26-Jan-12	5	10	\$20.73	Yes	\$29.06	\$8.33
2944	26-Jan-12	5	11	\$20.73	Yes	\$29.06	\$8.33
2945	26-Jan-12	5	12	\$20.16	Yes	\$29.06	\$8.90
2946	26-Jan-12	6	1	\$18.94	Yes	\$29.06	\$10.12
2947	26-Jan-12	6	2	\$18.94	Yes	\$29.06	\$10.12
2948	26-Jan-12	6	3	\$13.80	Yes	\$29.06	\$15.26
2949	26-Jan-12	6	4	\$18.89	Yes	\$29.06	\$10.17
2950	26-Jan-12	6	5	\$18.84	Yes	\$29.06	\$10.22
2951	26-Jan-12	6	6	\$19.28	Yes	\$29.06	\$9.78
2952	26-Jan-12	6	7	\$20.66	Yes	\$29.06	\$8.40
2953	26-Jan-12	6	8	\$22.39	Yes	\$29.06	\$6.67
2954	26-Jan-12	6	9	\$23.19	Yes	\$29.06	\$5.87
2955	26-Jan-12	6	10	\$22.09	Yes	\$29.06	\$6.97
2956	26-Jan-12	6	11	\$22.09	Yes	\$29.06	\$6.97
2957	26-Jan-12	6	12	\$23.33	Yes	\$29.06	\$5.73
2958	26-Jan-12	7	1	\$10.19	Yes	\$29.06	\$18.87
2959	26-Jan-12	7	2	\$17.93	Yes	\$29.06	\$11.13
2960	26-Jan-12	7	3	\$20.38	Yes	\$29.06	\$8.68
2961	26-Jan-12	7	4	\$21.14	Yes	\$29.06	\$7.92
2962	26-Jan-12	7	5	\$21.40	Yes	\$29.06	\$7.66
2963	26-Jan-12	7	6	\$21.68	Yes	\$29.06	\$7.38
2964	26-Jan-12	7	7	\$22.43	Yes	\$29.06	\$6.63
2965	26-Jan-12	7	8	\$22.75	Yes	\$29.06	\$6.31
2966	26-Jan-12	7	9	\$23.52	Yes	\$29.06	\$5.54
2967	26-Jan-12	7	10	\$23.48	Yes	\$29.06	\$5.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2968	26-Jan-12	7	11	\$24.42	Yes	\$29.06	\$4.64
2969	26-Jan-12	7	12	\$24.50	Yes	\$29.06	\$4.56
2970	26-Jan-12	8	1	\$23.73	Yes	\$29.06	\$5.33
2971	26-Jan-12	8	2	\$22.16	Yes	\$29.06	\$6.90
2972	26-Jan-12	8	3	\$21.87	Yes	\$29.06	\$7.19
2973	26-Jan-12	8	4	\$21.74	Yes	\$29.06	\$7.32
2974	26-Jan-12	8	5	\$22.47	Yes	\$29.06	\$6.59
2975	26-Jan-12	8	6	\$22.24	Yes	\$29.06	\$6.82
2976	26-Jan-12	8	7	\$22.11	Yes	\$29.06	\$6.95
2977	26-Jan-12	8	8	\$22.14	Yes	\$29.06	\$6.92
2978	26-Jan-12	8	9	\$22.11	Yes	\$29.06	\$6.95
2979	26-Jan-12	8	10	\$22.11	Yes	\$29.06	\$6.95
2980	26-Jan-12	8	11	\$22.11	Yes	\$29.06	\$6.95
2981	26-Jan-12	8	12	\$21.75	Yes	\$29.06	\$7.31
2982	26-Jan-12	9	1	\$21.83	Yes	\$29.06	\$7.23
2983	26-Jan-12	9	2	\$21.61	Yes	\$29.06	\$7.45
2984	26-Jan-12	9	3	\$21.83	Yes	\$29.06	\$7.23
2985	26-Jan-12	9	4	\$21.83	Yes	\$29.06	\$7.23
2986	26-Jan-12	9	5	\$21.83	Yes	\$29.06	\$7.23
2987	26-Jan-12	9	6	\$21.70	Yes	\$29.06	\$7.36
2988	26-Jan-12	9	7	\$22.05	Yes	\$29.06	\$7.01
2989	26-Jan-12	9	8	\$21.46	Yes	\$29.06	\$7.60
2990	26-Jan-12	9	9	\$21.68	Yes	\$29.06	\$7.38
2991	26-Jan-12	9	10	\$21.71	Yes	\$29.06	\$7.35
2992	26-Jan-12	9	11	\$21.71	Yes	\$29.06	\$7.35
2993	26-Jan-12	9	12	\$21.45	Yes	\$29.06	\$7.61
2994	26-Jan-12	10	1	\$20.30	Yes	\$29.06	\$8.76
2995	26-Jan-12	10	2	\$20.30	Yes	\$29.06	\$8.76
2996	26-Jan-12	10	3	\$20.68	Yes	\$29.37	\$8.69
2997	26-Jan-12	10	3	\$20.68	Yes	\$29.06	\$8.38
2998	26-Jan-12	10	4	\$20.86	Yes	\$29.37	\$8.51
2999	26-Jan-12	10	4	\$20.86	Yes	\$29.06	\$8.20
3000	26-Jan-12	10	5	\$21.38	Yes	\$29.37	\$7.99
3001	26-Jan-12	10	5	\$21.38	Yes	\$29.06	\$7.68
3002	26-Jan-12	10	6	\$21.38	Yes	\$29.06	\$7.68
3003	26-Jan-12	10	6	\$21.38	Yes	\$29.37	\$7.99
3004	26-Jan-12	10	7	\$21.39	Yes	\$29.06	\$7.67
3005	26-Jan-12	10	7	\$21.39	Yes	\$29.37	\$7.98
3006	26-Jan-12	10	8	\$21.26	Yes	\$29.06	\$7.80
3007	26-Jan-12	10	8	\$21.26	Yes	\$29.37	\$8.11
3008	26-Jan-12	10	9	\$21.39	Yes	\$29.06	\$7.67
3009	26-Jan-12	10	9	\$21.39	Yes	\$29.37	\$7.98
3010	26-Jan-12	10	10	\$21.38	Yes	\$29.37	\$7.99
3011	26-Jan-12	10	10	\$21.38	Yes	\$29.06	\$7.68
3012	26-Jan-12	10	11	\$21.38	Yes	\$29.06	\$7.68

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3013	26-Jan-12	10	11	\$21.38	Yes	\$29.37	\$7.99
3014	26-Jan-12	10	12	\$21.31	Yes	\$29.06	\$7.75
3015	26-Jan-12	10	12	\$21.31	Yes	\$29.37	\$8.06
3016	26-Jan-12	11	1	\$20.52	Yes	\$29.37	\$8.85
3017	26-Jan-12	11	1	\$20.52	Yes	\$29.06	\$8.54
3018	26-Jan-12	11	2	\$20.52	Yes	\$29.37	\$8.85
3019	26-Jan-12	11	2	\$20.52	Yes	\$29.06	\$8.54
3020	26-Jan-12	11	3	\$20.68	Yes	\$29.37	\$8.69
3021	26-Jan-12	11	3	\$20.68	Yes	\$29.06	\$8.38
3022	26-Jan-12	11	4	\$20.62	Yes	\$29.06	\$8.44
3023	26-Jan-12	11	4	\$20.62	Yes	\$29.37	\$8.75
3024	26-Jan-12	11	5	\$20.62	Yes	\$29.37	\$8.75
3025	26-Jan-12	11	5	\$20.62	Yes	\$29.06	\$8.44
3026	26-Jan-12	11	6	\$20.69	Yes	\$29.06	\$8.37
3027	26-Jan-12	11	6	\$20.69	Yes	\$29.37	\$8.68
3028	26-Jan-12	11	7	\$21.36	Yes	\$29.37	\$8.01
3029	26-Jan-12	11	7	\$21.36	Yes	\$29.06	\$7.70
3030	26-Jan-12	11	8	\$21.54	Yes	\$29.37	\$7.83
3031	26-Jan-12	11	8	\$21.54	Yes	\$29.06	\$7.52
3032	26-Jan-12	11	9	\$21.54	Yes	\$29.37	\$7.83
3033	26-Jan-12	11	9	\$21.54	Yes	\$29.06	\$7.52
3034	26-Jan-12	11	10	\$21.62	Yes	\$29.37	\$7.75
3035	26-Jan-12	11	10	\$21.62	Yes	\$29.06	\$7.44
3036	26-Jan-12	11	11	\$21.62	Yes	\$29.37	\$7.75
3037	26-Jan-12	11	11	\$21.62	Yes	\$29.06	\$7.44
3038	26-Jan-12	11	12	\$21.89	Yes	\$29.37	\$7.48
3039	26-Jan-12	11	12	\$21.89	Yes	\$29.06	\$7.17
3040	26-Jan-12	12	1	\$21.75	Yes	\$29.37	\$7.62
3041	26-Jan-12	12	1	\$21.75	Yes	\$29.06	\$7.31
3042	26-Jan-12	12	2	\$21.75	Yes	\$29.06	\$7.31
3043	26-Jan-12	12	2	\$21.75	Yes	\$29.37	\$7.62
3044	26-Jan-12	12	3	\$21.83	Yes	\$29.37	\$7.54
3045	26-Jan-12	12	3	\$21.83	Yes	\$29.06	\$7.23
3046	26-Jan-12	12	4	\$20.50	Yes	\$29.37	\$8.87
3047	26-Jan-12	12	4	\$20.50	Yes	\$29.06	\$8.56
3048	26-Jan-12	12	5	\$21.68	Yes	\$29.37	\$7.69
3049	26-Jan-12	12	5	\$21.68	Yes	\$29.06	\$7.38
3050	26-Jan-12	12	6	\$21.41	Yes	\$29.06	\$7.65
3051	26-Jan-12	12	6	\$21.41	Yes	\$29.37	\$7.96
3052	26-Jan-12	12	7	\$21.67	Yes	\$29.37	\$7.70
3053	26-Jan-12	12	7	\$21.67	Yes	\$29.06	\$7.39
3054	26-Jan-12	12	8	\$21.67	Yes	\$29.06	\$7.39
3055	26-Jan-12	12	8	\$21.67	Yes	\$29.37	\$7.70
3056	26-Jan-12	12	9	\$21.68	Yes	\$29.06	\$7.38
3057	26-Jan-12	12	9	\$21.68	Yes	\$29.37	\$7.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3058	26-Jan-12	12	10	\$21.55	Yes	\$29.06	\$7.51
3059	26-Jan-12	12	10	\$21.55	Yes	\$29.37	\$7.82
3060	26-Jan-12	12	11	\$21.40	Yes	\$29.37	\$7.97
3061	26-Jan-12	12	11	\$21.40	Yes	\$29.06	\$7.66
3062	26-Jan-12	12	12	\$21.08	Yes	\$29.06	\$7.98
3063	26-Jan-12	12	12	\$21.08	Yes	\$29.37	\$8.29
3064	26-Jan-12	13	1	\$20.13	Yes	\$29.37	\$9.24
3065	26-Jan-12	13	1	\$20.13	Yes	\$29.06	\$8.93
3066	26-Jan-12	13	2	\$20.13	Yes	\$29.06	\$8.93
3067	26-Jan-12	13	2	\$20.13	Yes	\$29.37	\$9.24
3068	26-Jan-12	13	3	\$19.27	Yes	\$29.37	\$10.10
3069	26-Jan-12	13	3	\$19.27	Yes	\$29.06	\$9.79
3070	26-Jan-12	13	4	\$20.15	Yes	\$29.06	\$8.91
3071	26-Jan-12	13	4	\$20.15	Yes	\$29.37	\$9.22
3072	26-Jan-12	13	5	\$20.15	Yes	\$29.37	\$9.22
3073	26-Jan-12	13	5	\$20.15	Yes	\$29.06	\$8.91
3074	26-Jan-12	13	6	\$19.13	Yes	\$29.37	\$10.24
3075	26-Jan-12	13	6	\$19.13	Yes	\$29.06	\$9.93
3076	26-Jan-12	13	7	\$19.13	Yes	\$29.37	\$10.24
3077	26-Jan-12	13	7	\$19.13	Yes	\$29.06	\$9.93
3078	26-Jan-12	13	8	\$19.78	Yes	\$29.06	\$9.28
3079	26-Jan-12	13	8	\$19.78	Yes	\$29.37	\$9.59
3080	26-Jan-12	13	9	\$19.78	Yes	\$29.37	\$9.59
3081	26-Jan-12	13	9	\$19.78	Yes	\$29.06	\$9.28
3082	26-Jan-12	13	10	\$20.03	Yes	\$29.06	\$9.03
3083	26-Jan-12	13	10	\$20.03	Yes	\$29.37	\$9.34
3084	26-Jan-12	13	11	\$20.03	Yes	\$29.37	\$9.34
3085	26-Jan-12	13	11	\$20.03	Yes	\$29.06	\$9.03
3086	26-Jan-12	13	12	\$20.13	Yes	\$29.37	\$9.24
3087	26-Jan-12	13	12	\$20.13	Yes	\$29.06	\$8.93
3088	26-Jan-12	14	1	\$20.06	Yes	\$29.06	\$9.00
3089	26-Jan-12	14	1	\$20.06	Yes	\$29.37	\$9.31
3090	26-Jan-12	14	2	\$20.20	Yes	\$29.37	\$9.17
3091	26-Jan-12	14	2	\$20.20	Yes	\$29.06	\$8.86
3092	26-Jan-12	14	3	\$19.15	Yes	\$29.06	\$9.91
3093	26-Jan-12	14	3	\$19.15	Yes	\$29.37	\$10.22
3094	26-Jan-12	14	4	\$19.14	Yes	\$29.37	\$10.23
3095	26-Jan-12	14	4	\$19.14	Yes	\$29.06	\$9.92
3096	26-Jan-12	14	5	\$19.14	Yes	\$29.37	\$10.23
3097	26-Jan-12	14	5	\$19.14	Yes	\$29.06	\$9.92
3098	26-Jan-12	14	6	\$19.14	Yes	\$29.06	\$9.92
3099	26-Jan-12	14	6	\$19.14	Yes	\$29.37	\$10.23
3100	26-Jan-12	14	7	\$19.15	Yes	\$29.06	\$9.91
3101	26-Jan-12	14	7	\$19.15	Yes	\$29.37	\$10.22
3102	26-Jan-12	14	8	\$20.18	Yes	\$29.37	\$9.19

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3103	26-Jan-12	14	8	\$20.18	Yes	\$29.06	\$8.88
3104	26-Jan-12	14	9	\$20.63	Yes	\$29.06	\$8.43
3105	26-Jan-12	14	9	\$20.63	Yes	\$29.37	\$8.74
3106	26-Jan-12	14	10	\$20.19	Yes	\$29.06	\$8.87
3107	26-Jan-12	14	10	\$20.19	Yes	\$29.37	\$9.18
3108	26-Jan-12	14	11	\$20.19	Yes	\$29.06	\$8.87
3109	26-Jan-12	14	11	\$20.19	Yes	\$29.37	\$9.18
3110	26-Jan-12	14	12	\$20.04	Yes	\$29.06	\$9.02
3111	26-Jan-12	14	12	\$20.04	Yes	\$29.37	\$9.33
3112	26-Jan-12	15	1	\$20.64	Yes	\$29.06	\$8.42
3113	26-Jan-12	15	1	\$20.64	Yes	\$29.37	\$8.73
3114	26-Jan-12	15	2	\$20.64	Yes	\$29.06	\$8.42
3115	26-Jan-12	15	2	\$20.64	Yes	\$29.37	\$8.73
3116	26-Jan-12	15	3	\$20.64	Yes	\$29.06	\$8.42
3117	26-Jan-12	15	3	\$20.64	Yes	\$29.37	\$8.73
3118	26-Jan-12	15	4	\$20.64	Yes	\$29.37	\$8.73
3119	26-Jan-12	15	4	\$20.64	Yes	\$29.06	\$8.42
3120	26-Jan-12	15	5	\$20.64	Yes	\$29.06	\$8.42
3121	26-Jan-12	15	5	\$20.64	Yes	\$29.37	\$8.73
3122	26-Jan-12	15	6	\$20.64	Yes	\$29.06	\$8.42
3123	26-Jan-12	15	6	\$20.64	Yes	\$29.37	\$8.73
3124	26-Jan-12	15	7	\$20.64	Yes	\$29.06	\$8.42
3125	26-Jan-12	15	7	\$20.64	Yes	\$29.37	\$8.73
3126	26-Jan-12	15	8	\$20.64	Yes	\$29.37	\$8.73
3127	26-Jan-12	15	8	\$20.64	Yes	\$29.06	\$8.42
3128	26-Jan-12	15	9	\$20.64	Yes	\$29.06	\$8.42
3129	26-Jan-12	15	9	\$20.64	Yes	\$29.37	\$8.73
3130	26-Jan-12	15	10	\$19.20	Yes	\$29.06	\$9.86
3131	26-Jan-12	15	10	\$19.20	Yes	\$29.37	\$10.17
3132	26-Jan-12	15	11	\$14.05	Yes	\$29.37	\$15.32
3133	26-Jan-12	15	11	\$14.05	Yes	\$29.06	\$15.01
3134	26-Jan-12	15	12	\$14.05	Yes	\$29.37	\$15.32
3135	26-Jan-12	15	12	\$14.05	Yes	\$29.06	\$15.01
3136	26-Jan-12	16	1	\$19.21	Yes	\$29.06	\$9.85
3137	26-Jan-12	16	1	\$19.21	Yes	\$29.37	\$10.16
3138	26-Jan-12	16	2	\$20.58	Yes	\$29.06	\$8.48
3139	26-Jan-12	16	2	\$20.58	Yes	\$29.37	\$8.79
3140	26-Jan-12	16	3	\$20.74	Yes	\$29.06	\$8.32
3141	26-Jan-12	16	3	\$20.74	Yes	\$29.37	\$8.63
3142	26-Jan-12	16	4	\$20.72	Yes	\$29.06	\$8.34
3143	26-Jan-12	16	4	\$20.72	Yes	\$29.37	\$8.65
3144	26-Jan-12	16	5	\$20.72	Yes	\$29.37	\$8.65
3145	26-Jan-12	16	5	\$20.72	Yes	\$29.06	\$8.34
3146	26-Jan-12	16	6	\$20.58	Yes	\$29.06	\$8.48
3147	26-Jan-12	16	6	\$20.58	Yes	\$29.37	\$8.79

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3148	26-Jan-12	16	7	\$20.18	Yes	\$29.06	\$8.88
3149	26-Jan-12	16	7	\$20.18	Yes	\$29.37	\$9.19
3150	26-Jan-12	16	8	\$20.56	Yes	\$29.06	\$8.50
3151	26-Jan-12	16	8	\$20.56	Yes	\$29.37	\$8.81
3152	26-Jan-12	16	9	\$20.56	Yes	\$29.06	\$8.50
3153	26-Jan-12	16	9	\$20.56	Yes	\$29.37	\$8.81
3154	26-Jan-12	16	10	\$20.62	Yes	\$29.37	\$8.75
3155	26-Jan-12	16	10	\$20.62	Yes	\$29.06	\$8.44
3156	26-Jan-12	16	11	\$20.76	Yes	\$29.06	\$8.30
3157	26-Jan-12	16	11	\$20.76	Yes	\$29.37	\$8.61
3158	26-Jan-12	16	12	\$20.75	Yes	\$29.37	\$8.62
3159	26-Jan-12	16	12	\$20.75	Yes	\$29.06	\$8.31
3160	26-Jan-12	17	1	\$20.54	Yes	\$29.37	\$8.83
3161	26-Jan-12	17	1	\$20.54	Yes	\$29.06	\$8.52
3162	26-Jan-12	17	2	\$19.10	Yes	\$29.37	\$10.27
3163	26-Jan-12	17	2	\$19.10	Yes	\$29.06	\$9.96
3164	26-Jan-12	17	3	\$19.12	Yes	\$29.37	\$10.25
3165	26-Jan-12	17	3	\$19.12	Yes	\$29.06	\$9.94
3166	26-Jan-12	17	4	\$19.91	Yes	\$29.37	\$9.46
3167	26-Jan-12	17	4	\$19.91	Yes	\$29.06	\$9.15
3168	26-Jan-12	17	5	\$18.52	Yes	\$29.37	\$10.85
3169	26-Jan-12	17	5	\$18.52	Yes	\$29.06	\$10.54
3170	26-Jan-12	17	6	\$19.12	Yes	\$29.37	\$10.25
3171	26-Jan-12	17	6	\$19.12	Yes	\$29.06	\$9.94
3172	26-Jan-12	17	7	\$14.05	Yes	\$29.37	\$15.32
3173	26-Jan-12	17	7	\$14.05	Yes	\$29.06	\$15.01
3174	26-Jan-12	17	8	\$14.05	Yes	\$29.06	\$15.01
3175	26-Jan-12	17	8	\$14.05	Yes	\$29.37	\$15.32
3176	26-Jan-12	17	9	\$20.06	Yes	\$29.37	\$9.31
3177	26-Jan-12	17	9	\$20.06	Yes	\$29.06	\$9.00
3178	26-Jan-12	17	10	\$21.66	Yes	\$29.37	\$7.71
3179	26-Jan-12	17	10	\$21.66	Yes	\$29.06	\$7.40
3180	26-Jan-12	17	11	\$21.33	Yes	\$29.37	\$8.04
3181	26-Jan-12	17	11	\$21.33	Yes	\$29.06	\$7.73
3182	26-Jan-12	17	12	\$21.68	Yes	\$29.06	\$7.38
3183	26-Jan-12	17	12	\$21.68	Yes	\$29.37	\$7.69
3184	26-Jan-12	18	1	\$16.87	Yes	\$29.37	\$12.50
3185	26-Jan-12	18	1	\$16.87	Yes	\$29.06	\$12.19
3186	26-Jan-12	18	2	\$16.08	Yes	\$29.37	\$13.29
3187	26-Jan-12	18	2	\$16.08	Yes	\$29.06	\$12.98
3188	26-Jan-12	18	3	\$19.19	Yes	\$29.37	\$10.18
3189	26-Jan-12	18	3	\$19.19	Yes	\$29.06	\$9.87
3190	26-Jan-12	18	4	\$21.88	Yes	\$29.37	\$7.49
3191	26-Jan-12	18	4	\$21.88	Yes	\$29.06	\$7.18
3192	26-Jan-12	18	5	\$22.23	Yes	\$29.06	\$6.83

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3193	26-Jan-12	18	5	\$22.23	Yes	\$29.37	\$7.14
3194	26-Jan-12	18	6	\$22.23	Yes	\$29.06	\$6.83
3195	26-Jan-12	18	6	\$22.23	Yes	\$29.37	\$7.14
3196	26-Jan-12	18	7	\$23.23	Yes	\$29.06	\$5.83
3197	26-Jan-12	18	7	\$23.23	Yes	\$29.37	\$6.14
3198	26-Jan-12	18	8	\$23.32	Yes	\$29.06	\$5.74
3199	26-Jan-12	18	8	\$23.32	Yes	\$29.37	\$6.05
3200	26-Jan-12	18	9	\$23.32	Yes	\$29.06	\$5.74
3201	26-Jan-12	18	9	\$23.32	Yes	\$29.37	\$6.05
3202	26-Jan-12	18	10	\$23.66	Yes	\$29.06	\$5.40
3203	26-Jan-12	18	10	\$23.66	Yes	\$29.37	\$5.71
3204	26-Jan-12	18	11	\$24.61	Yes	\$29.37	\$4.76
3205	26-Jan-12	18	11	\$24.61	Yes	\$29.06	\$4.45
3206	26-Jan-12	18	12	\$23.93	Yes	\$29.06	\$5.13
3207	26-Jan-12	18	12	\$23.93	Yes	\$29.37	\$5.44
3208	26-Jan-12	19	1	\$24.34	Yes	\$29.37	\$5.03
3209	26-Jan-12	19	1	\$24.34	Yes	\$29.06	\$4.72
3210	26-Jan-12	19	2	\$24.33	Yes	\$29.06	\$4.73
3211	26-Jan-12	19	2	\$24.33	Yes	\$29.37	\$5.04
3212	26-Jan-12	19	3	\$24.48	Yes	\$29.06	\$4.58
3213	26-Jan-12	19	3	\$24.48	Yes	\$29.37	\$4.89
3214	26-Jan-12	19	4	\$25.46	Yes	\$29.06	\$3.60
3215	26-Jan-12	19	4	\$25.46	Yes	\$29.37	\$3.91
3216	26-Jan-12	19	5	\$25.17	Yes	\$29.06	\$3.89
3217	26-Jan-12	19	5	\$25.17	Yes	\$29.37	\$4.20
3218	26-Jan-12	19	6	\$24.52	Yes	\$29.06	\$4.54
3219	26-Jan-12	19	6	\$24.52	Yes	\$29.37	\$4.85
3220	26-Jan-12	19	7	\$15.56	Yes	\$29.37	\$13.81
3221	26-Jan-12	19	7	\$15.56	Yes	\$29.06	\$13.50
3222	26-Jan-12	19	8	\$22.43	Yes	\$29.37	\$6.94
3223	26-Jan-12	19	8	\$22.43	Yes	\$29.06	\$6.63
3224	26-Jan-12	19	9	\$22.85	Yes	\$29.37	\$6.52
3225	26-Jan-12	19	9	\$22.85	Yes	\$29.06	\$6.21
3226	26-Jan-12	19	10	\$23.91	Yes	\$29.37	\$5.46
3227	26-Jan-12	19	10	\$23.91	Yes	\$29.06	\$5.15
3228	26-Jan-12	19	11	\$22.05	Yes	\$29.06	\$7.01
3229	26-Jan-12	19	11	\$22.05	Yes	\$29.37	\$7.32
3230	26-Jan-12	19	12	\$21.92	Yes	\$29.37	\$7.45
3231	26-Jan-12	19	12	\$21.92	Yes	\$29.06	\$7.14
3232	26-Jan-12	20	1	\$21.89	Yes	\$29.06	\$7.17
3233	26-Jan-12	20	1	\$21.89	Yes	\$29.37	\$7.48
3234	26-Jan-12	20	2	\$22.46	Yes	\$29.06	\$6.60
3235	26-Jan-12	20	2	\$22.46	Yes	\$29.37	\$6.91
3236	26-Jan-12	20	3	\$22.94	Yes	\$29.06	\$6.12
3237	26-Jan-12	20	3	\$22.94	Yes	\$29.37	\$6.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3238	26-Jan-12	20	4	\$24.23	Yes	\$29.06	\$4.83
3239	26-Jan-12	20	4	\$24.23	Yes	\$29.37	\$5.14
3240	26-Jan-12	20	5	\$24.18	Yes	\$29.06	\$4.88
3241	26-Jan-12	20	5	\$24.18	Yes	\$29.37	\$5.19
3242	26-Jan-12	20	6	\$22.09	Yes	\$29.06	\$6.97
3243	26-Jan-12	20	6	\$22.09	Yes	\$29.37	\$7.28
3244	26-Jan-12	20	7	\$21.36	Yes	\$29.06	\$7.70
3245	26-Jan-12	20	7	\$21.36	Yes	\$29.37	\$8.01
3246	26-Jan-12	20	8	\$19.24	Yes	\$29.37	\$10.13
3247	26-Jan-12	20	8	\$19.24	Yes	\$29.06	\$9.82
3248	26-Jan-12	20	9	\$20.01	Yes	\$29.37	\$9.36
3249	26-Jan-12	20	9	\$20.01	Yes	\$29.06	\$9.05
3250	26-Jan-12	20	10	\$10.67	Yes	\$29.37	\$18.70
3251	26-Jan-12	20	10	\$10.67	Yes	\$29.06	\$18.39
3252	26-Jan-12	20	11	\$10.70	Yes	\$29.37	\$18.67
3253	26-Jan-12	20	11	\$10.70	Yes	\$29.06	\$18.36
3254	26-Jan-12	20	12	\$10.46	Yes	\$29.37	\$18.91
3255	26-Jan-12	20	12	\$10.46	Yes	\$29.06	\$18.60
3256	26-Jan-12	21	1	\$12.41	Yes	\$29.06	\$16.65
3257	26-Jan-12	21	2	\$14.28	Yes	\$29.06	\$14.78
3258	26-Jan-12	21	3	\$20.39	Yes	\$29.06	\$8.67
3259	26-Jan-12	21	4	\$19.81	Yes	\$29.06	\$9.25
3260	26-Jan-12	21	5	\$20.38	Yes	\$29.06	\$8.68
3261	26-Jan-12	21	6	\$19.81	Yes	\$29.06	\$9.25
3262	26-Jan-12	21	7	\$19.99	Yes	\$29.06	\$9.07
3263	26-Jan-12	21	8	\$20.46	Yes	\$29.06	\$8.60
3264	26-Jan-12	21	9	\$20.46	Yes	\$29.06	\$8.60
3265	26-Jan-12	21	10	\$20.42	Yes	\$29.06	\$8.64
3266	26-Jan-12	21	11	\$20.42	Yes	\$29.06	\$8.64
3267	26-Jan-12	21	12	\$20.42	Yes	\$29.06	\$8.64
3268	26-Jan-12	22	1	\$21.69	Yes	\$29.06	\$7.37
3269	26-Jan-12	22	2	\$21.89	Yes	\$29.06	\$7.17
3270	26-Jan-12	22	3	\$21.25	Yes	\$29.06	\$7.81
3271	26-Jan-12	22	4	\$20.95	Yes	\$29.06	\$8.11
3272	26-Jan-12	22	5	\$20.95	Yes	\$29.06	\$8.11
3273	26-Jan-12	22	6	\$20.53	Yes	\$29.06	\$8.53
3274	26-Jan-12	22	7	\$19.98	Yes	\$29.06	\$9.08
3275	26-Jan-12	22	8	\$19.89	Yes	\$29.06	\$9.17
3276	26-Jan-12	22	9	\$18.98	Yes	\$29.06	\$10.08
3277	26-Jan-12	22	10	\$16.58	Yes	\$29.06	\$12.48
3278	26-Jan-12	22	11	\$16.58	Yes	\$29.06	\$12.48
3279	26-Jan-12	22	12	\$15.63	Yes	\$29.06	\$13.43
3280	26-Jan-12	23	1	\$29.12	Yes	\$29.06	-\$0.06
3281	26-Jan-12	23	2	\$26.75	Yes	\$29.06	\$2.31
3282	26-Jan-12	23	3	\$22.88	Yes	\$29.06	\$6.18

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3283	26-Jan-12	23	4	\$24.15	Yes	\$29.06	\$4.91
3284	26-Jan-12	23	5	\$23.93	Yes	\$29.06	\$5.13
3285	26-Jan-12	23	6	\$23.21	Yes	\$29.06	\$5.85
3286	26-Jan-12	23	7	\$23.10	Yes	\$29.06	\$5.96
3287	26-Jan-12	23	8	\$22.15	Yes	\$29.06	\$6.91
3288	26-Jan-12	23	9	\$21.21	Yes	\$29.06	\$7.85
3289	26-Jan-12	23	10	\$20.39	Yes	\$29.06	\$8.67
3290	26-Jan-12	23	11	\$20.22	Yes	\$29.06	\$8.84
3291	26-Jan-12	23	12	\$20.22	Yes	\$29.06	\$8.84
3292	26-Jan-12	24	1	\$24.73	Yes	\$29.06	\$4.33
3293	26-Jan-12	24	2	\$24.11	Yes	\$29.06	\$4.95
3294	26-Jan-12	24	3	\$23.98	Yes	\$29.06	\$5.08
3295	26-Jan-12	24	4	\$21.33	Yes	\$29.06	\$7.73
3296	26-Jan-12	24	5	\$21.25	Yes	\$29.06	\$7.81
3297	26-Jan-12	24	6	\$18.96	Yes	\$29.06	\$10.10
3298	26-Jan-12	24	7	\$13.80	Yes	\$29.06	\$15.26
3299	26-Jan-12	24	8	\$13.80	Yes	\$29.06	\$15.26
3300	26-Jan-12	24	9	\$13.01	Yes	\$29.06	\$16.05
3301	26-Jan-12	24	10	\$0.00	Yes	\$29.06	\$29.06
3302	26-Jan-12	24	11	-\$29.64	Yes	\$29.06	\$58.70
3303	26-Jan-12	24	12	\$3.65	Yes	\$29.06	\$25.41
3304	27-Jan-12	1	5	\$20.42	No	\$29.30	\$8.88
3305	27-Jan-12	1	6	\$20.18	No	\$29.30	\$9.12
3306	27-Jan-12	1	7	\$20.35	No	\$29.30	\$8.95
3307	27-Jan-12	1	8	\$14.34	No	\$29.30	\$14.96
3308	27-Jan-12	1	9	\$20.95	No	\$29.30	\$8.35
3309	27-Jan-12	1	10	\$20.43	No	\$29.30	\$8.87
3310	27-Jan-12	1	11	\$20.33	No	\$29.30	\$8.97
3311	27-Jan-12	1	12	\$20.77	No	\$29.30	\$8.53
3312	27-Jan-12	2	1	\$22.95	No	\$29.30	\$6.35
3313	27-Jan-12	2	2	\$22.33	No	\$29.30	\$6.97
3314	27-Jan-12	2	3	\$22.33	No	\$29.30	\$6.97
3315	27-Jan-12	2	4	\$22.30	No	\$29.30	\$7.00
3316	27-Jan-12	2	5	\$22.30	No	\$29.30	\$7.00
3317	27-Jan-12	2	6	\$22.31	No	\$29.30	\$6.99
3318	27-Jan-12	2	7	\$22.30	No	\$29.30	\$7.00
3319	27-Jan-12	2	8	\$22.23	No	\$29.30	\$7.07
3320	27-Jan-12	2	9	\$22.23	No	\$29.30	\$7.07
3321	27-Jan-12	2	10	\$21.85	No	\$29.30	\$7.45
3322	27-Jan-12	2	11	\$21.84	No	\$29.30	\$7.46
3323	27-Jan-12	2	12	\$21.85	No	\$29.30	\$7.45
3324	27-Jan-12	3	1	\$21.83	No	\$29.30	\$7.47
3325	27-Jan-12	3	2	\$22.30	No	\$29.30	\$7.00
3326	27-Jan-12	3	3	\$21.83	No	\$29.30	\$7.47
3327	27-Jan-12	3	4	\$21.60	No	\$29.30	\$7.70

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3328	27-Jan-12	3	5	\$21.50	No	\$29.30	\$7.80
3329	27-Jan-12	3	6	\$21.50	No	\$29.30	\$7.80
3330	27-Jan-12	3	7	\$20.84	No	\$29.30	\$8.46
3331	27-Jan-12	3	8	\$21.48	No	\$29.30	\$7.82
3332	27-Jan-12	3	9	\$21.48	No	\$29.30	\$7.82
3333	27-Jan-12	3	10	\$21.50	No	\$29.30	\$7.80
3334	27-Jan-12	3	11	\$20.84	No	\$29.30	\$8.46
3335	27-Jan-12	3	12	\$22.21	No	\$29.30	\$7.09
3336	27-Jan-12	4	1	\$21.49	No	\$29.30	\$7.81
3337	27-Jan-12	4	2	\$21.49	No	\$29.30	\$7.81
3338	27-Jan-12	4	3	\$21.49	No	\$29.30	\$7.81
3339	27-Jan-12	4	4	\$21.49	No	\$29.30	\$7.81
3340	27-Jan-12	4	5	\$20.82	No	\$29.30	\$8.48
3341	27-Jan-12	4	6	\$21.49	No	\$29.30	\$7.81
3342	27-Jan-12	4	7	\$21.49	No	\$29.30	\$7.81
3343	27-Jan-12	4	8	\$21.81	No	\$29.30	\$7.49
3344	27-Jan-12	4	9	\$21.51	No	\$29.30	\$7.79
3345	27-Jan-12	4	10	\$21.82	No	\$29.30	\$7.48
3346	27-Jan-12	4	11	\$22.22	No	\$29.30	\$7.08
3347	27-Jan-12	4	12	\$22.25	No	\$29.30	\$7.05
3348	27-Jan-12	5	1	\$22.32	No	\$29.30	\$6.98
3349	27-Jan-12	5	2	\$21.64	No	\$29.30	\$7.66
3350	27-Jan-12	5	3	\$21.91	No	\$29.30	\$7.39
3351	27-Jan-12	5	4	\$21.98	No	\$29.30	\$7.32
3352	27-Jan-12	5	5	\$21.98	No	\$29.30	\$7.32
3353	27-Jan-12	5	6	\$21.71	No	\$29.30	\$7.59
3354	27-Jan-12	5	7	\$23.02	No	\$29.30	\$6.28
3355	27-Jan-12	5	8	\$23.79	No	\$29.30	\$5.51
3356	27-Jan-12	5	9	\$23.79	No	\$29.30	\$5.51
3357	27-Jan-12	5	10	\$23.87	No	\$29.30	\$5.43
3358	27-Jan-12	5	11	\$23.87	No	\$29.30	\$5.43
3359	27-Jan-12	5	12	\$24.47	No	\$29.30	\$4.83
3360	27-Jan-12	6	1	\$18.86	No	\$29.30	\$10.44
3361	27-Jan-12	6	2	\$20.26	No	\$29.30	\$9.04
3362	27-Jan-12	6	3	\$15.15	No	\$29.30	\$14.15
3363	27-Jan-12	6	4	\$18.87	No	\$29.30	\$10.43
3364	27-Jan-12	6	5	\$17.84	No	\$29.30	\$11.46
3365	27-Jan-12	6	6	\$20.38	No	\$29.30	\$8.92
3366	27-Jan-12	6	7	\$19.39	No	\$29.30	\$9.91
3367	27-Jan-12	6	8	\$20.40	No	\$29.30	\$8.90
3368	27-Jan-12	6	9	\$20.40	No	\$29.30	\$8.90
3369	27-Jan-12	6	10	\$23.88	No	\$29.30	\$5.42
3370	27-Jan-12	6	11	\$22.12	No	\$29.30	\$7.18
3371	27-Jan-12	6	12	\$26.26	No	\$29.30	\$3.04
3372	27-Jan-12	7	1	\$6.66	No	\$29.30	\$22.64

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3373	27-Jan-12	7	2	\$14.25	No	\$29.30	\$15.05
3374	27-Jan-12	7	3	\$17.85	No	\$29.30	\$11.45
3375	27-Jan-12	7	4	\$19.06	No	\$29.30	\$10.24
3376	27-Jan-12	7	5	\$21.26	No	\$29.30	\$8.04
3377	27-Jan-12	7	6	\$21.26	No	\$29.30	\$8.04
3378	27-Jan-12	7	7	\$22.66	No	\$29.30	\$6.64
3379	27-Jan-12	7	8	\$24.05	No	\$29.30	\$5.25
3380	27-Jan-12	7	9	\$25.39	No	\$29.30	\$3.91
3381	27-Jan-12	7	10	\$24.89	No	\$29.30	\$4.41
3382	27-Jan-12	7	11	\$26.45	No	\$29.30	\$2.85
3383	27-Jan-12	7	12	\$26.45	No	\$29.30	\$2.85
3384	27-Jan-12	8	1	\$16.79	No	\$29.30	\$12.51
3385	27-Jan-12	8	2	\$21.25	No	\$29.30	\$8.05
3386	27-Jan-12	8	3	\$21.25	No	\$29.30	\$8.05
3387	27-Jan-12	8	4	\$21.25	No	\$29.30	\$8.05
3388	27-Jan-12	8	5	\$21.54	No	\$29.30	\$7.76
3389	27-Jan-12	8	6	\$21.54	No	\$29.30	\$7.76
3390	27-Jan-12	8	7	\$21.26	No	\$29.30	\$8.04
3391	27-Jan-12	8	8	\$21.31	No	\$29.30	\$7.99
3392	27-Jan-12	8	9	\$21.31	No	\$29.30	\$7.99
3393	27-Jan-12	8	10	\$21.34	No	\$29.30	\$7.96
3394	27-Jan-12	8	11	\$21.34	No	\$29.30	\$7.96
3395	27-Jan-12	8	12	\$20.66	No	\$29.30	\$8.64
3396	27-Jan-12	9	1	\$21.24	No	\$29.30	\$8.06
3397	27-Jan-12	9	2	\$21.24	No	\$29.30	\$8.06
3398	27-Jan-12	9	3	\$21.24	No	\$29.30	\$8.06
3399	27-Jan-12	9	4	\$21.17	No	\$29.30	\$8.13
3400	27-Jan-12	9	5	\$21.17	No	\$29.30	\$8.13
3401	27-Jan-12	9	6	\$21.17	No	\$29.30	\$8.13
3402	27-Jan-12	9	7	\$21.20	No	\$29.30	\$8.10
3403	27-Jan-12	9	8	\$21.39	No	\$29.30	\$7.91
3404	27-Jan-12	9	9	\$21.39	No	\$29.30	\$7.91
3405	27-Jan-12	9	10	\$21.51	No	\$29.30	\$7.79
3406	27-Jan-12	9	11	\$21.51	No	\$29.30	\$7.79
3407	27-Jan-12	9	12	\$21.51	No	\$29.30	\$7.79
3408	27-Jan-12	10	1	\$15.70	No	\$29.30	\$13.60
3409	27-Jan-12	10	2	\$15.71	No	\$29.30	\$13.59
3410	27-Jan-12	10	3	\$15.70	No	\$29.30	\$13.60
3411	27-Jan-12	10	4	\$21.26	No	\$29.30	\$8.04
3412	27-Jan-12	10	5	\$15.74	No	\$29.30	\$13.56
3413	27-Jan-12	10	6	\$19.59	No	\$29.30	\$9.71
3414	27-Jan-12	10	7	\$20.58	No	\$29.30	\$8.72
3415	27-Jan-12	10	8	\$21.27	No	\$29.30	\$8.03
3416	27-Jan-12	10	9	\$21.27	No	\$29.30	\$8.03
3417	27-Jan-12	10	10	\$20.57	No	\$29.30	\$8.73

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3418	27-Jan-12	10	11	\$20.57	No	\$29.30	\$8.73
3419	27-Jan-12	10	12	\$20.57	No	\$29.30	\$8.73
3420	27-Jan-12	11	1	\$22.97	No	\$29.30	\$6.33
3421	27-Jan-12	11	2	\$22.97	No	\$29.30	\$6.33
3422	27-Jan-12	11	3	\$22.81	No	\$29.30	\$6.49
3423	27-Jan-12	11	4	\$22.84	No	\$29.30	\$6.46
3424	27-Jan-12	11	5	\$22.42	No	\$29.30	\$6.88
3425	27-Jan-12	11	6	\$21.93	No	\$29.30	\$7.37
3426	27-Jan-12	11	7	\$21.94	No	\$29.30	\$7.36
3427	27-Jan-12	11	8	\$22.10	No	\$29.30	\$7.20
3428	27-Jan-12	11	9	\$21.35	No	\$29.30	\$7.95
3429	27-Jan-12	11	10	\$21.92	No	\$29.30	\$7.38
3430	27-Jan-12	11	11	\$21.92	No	\$29.30	\$7.38
3431	27-Jan-12	11	12	\$21.90	No	\$29.30	\$7.40
3432	27-Jan-12	12	1	\$22.39	No	\$29.30	\$6.91
3433	27-Jan-12	12	2	\$22.09	No	\$29.30	\$7.21
3434	27-Jan-12	12	3	\$21.93	No	\$29.30	\$7.37
3435	27-Jan-12	12	4	\$21.93	No	\$29.30	\$7.37
3436	27-Jan-12	12	5	\$22.09	No	\$29.30	\$7.21
3437	27-Jan-12	12	6	\$22.09	No	\$29.30	\$7.21
3438	27-Jan-12	12	7	\$22.09	No	\$29.30	\$7.21
3439	27-Jan-12	12	8	\$22.41	No	\$29.30	\$6.89
3440	27-Jan-12	12	9	\$21.75	No	\$29.30	\$7.55
3441	27-Jan-12	12	10	\$21.62	No	\$29.30	\$7.68
3442	27-Jan-12	12	11	\$21.62	No	\$29.30	\$7.68
3443	27-Jan-12	12	12	\$21.62	No	\$29.30	\$7.68
3444	27-Jan-12	13	1	\$21.01	No	\$29.30	\$8.29
3445	27-Jan-12	13	2	\$21.32	No	\$29.30	\$7.98
3446	27-Jan-12	13	3	\$21.01	No	\$29.30	\$8.29
3447	27-Jan-12	13	4	\$20.72	No	\$29.30	\$8.58
3448	27-Jan-12	13	5	\$20.72	No	\$29.30	\$8.58
3449	27-Jan-12	13	6	\$20.72	No	\$29.30	\$8.58
3450	27-Jan-12	13	7	\$20.76	No	\$29.30	\$8.54
3451	27-Jan-12	13	8	\$20.82	No	\$29.30	\$8.48
3452	27-Jan-12	13	9	\$20.43	No	\$29.30	\$8.87
3453	27-Jan-12	13	10	\$20.82	No	\$29.30	\$8.48
3454	27-Jan-12	13	11	\$20.82	No	\$29.30	\$8.48
3455	27-Jan-12	13	12	\$20.43	No	\$29.30	\$8.87
3456	27-Jan-12	14	1	\$20.94	No	\$29.30	\$8.36
3457	27-Jan-12	14	2	\$20.87	No	\$29.30	\$8.43
3458	27-Jan-12	14	3	\$20.72	No	\$29.30	\$8.58
3459	27-Jan-12	14	4	\$20.98	No	\$29.30	\$8.32
3460	27-Jan-12	14	5	\$20.98	No	\$29.30	\$8.32
3461	27-Jan-12	14	6	\$20.98	No	\$29.30	\$8.32
3462	27-Jan-12	14	7	\$20.82	No	\$29.30	\$8.48

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3463	27-Jan-12	14	8	\$20.86	No	\$29.30	\$8.44
3464	27-Jan-12	14	9	\$20.87	No	\$29.30	\$8.43
3465	27-Jan-12	14	10	\$20.83	No	\$29.30	\$8.47
3466	27-Jan-12	14	11	\$17.13	No	\$29.30	\$12.17
3467	27-Jan-12	14	12	\$20.41	No	\$29.30	\$8.89
3468	27-Jan-12	15	1	\$20.35	No	\$29.30	\$8.95
3469	27-Jan-12	15	2	\$20.74	No	\$29.30	\$8.56
3470	27-Jan-12	15	3	\$20.80	No	\$29.30	\$8.50
3471	27-Jan-12	15	4	\$20.89	No	\$29.30	\$8.41
3472	27-Jan-12	15	5	\$20.79	No	\$29.30	\$8.51
3473	27-Jan-12	15	6	\$20.79	No	\$29.30	\$8.51
3474	27-Jan-12	15	7	\$20.86	No	\$29.30	\$8.44
3475	27-Jan-12	15	8	\$20.91	No	\$29.30	\$8.39
3476	27-Jan-12	15	9	\$20.91	No	\$29.30	\$8.39
3477	27-Jan-12	15	10	\$20.99	No	\$29.30	\$8.31
3478	27-Jan-12	15	11	\$20.99	No	\$29.30	\$8.31
3479	27-Jan-12	15	12	\$21.66	No	\$29.30	\$7.64
3480	27-Jan-12	16	1	\$21.56	No	\$29.30	\$7.74
3481	27-Jan-12	16	2	\$21.74	No	\$29.30	\$7.56
3482	27-Jan-12	16	3	\$21.80	No	\$29.30	\$7.50
3483	27-Jan-12	16	4	\$22.34	No	\$29.30	\$6.96
3484	27-Jan-12	16	5	\$22.34	No	\$29.30	\$6.96
3485	27-Jan-12	16	6	\$21.78	No	\$29.30	\$7.52
3486	27-Jan-12	16	7	\$21.51	No	\$29.30	\$7.79
3487	27-Jan-12	16	8	\$21.74	No	\$29.30	\$7.56
3488	27-Jan-12	16	9	\$21.57	No	\$29.30	\$7.73
3489	27-Jan-12	16	10	\$21.67	No	\$29.30	\$7.63
3490	27-Jan-12	16	11	\$22.33	No	\$29.30	\$6.97
3491	27-Jan-12	16	12	\$22.12	No	\$29.30	\$7.18
3492	27-Jan-12	17	1	\$23.53	No	\$29.30	\$5.77
3493	27-Jan-12	17	2	\$22.22	No	\$29.30	\$7.08
3494	27-Jan-12	17	3	\$22.31	No	\$29.30	\$6.99
3495	27-Jan-12	17	4	\$22.31	No	\$29.30	\$6.99
3496	30-Jan-12	13	1	\$24.81	No	\$28.33	\$3.52
3497	30-Jan-12	13	2	\$23.60	No	\$28.33	\$4.73
3498	30-Jan-12	13	3	\$23.91	No	\$28.33	\$4.42
3499	30-Jan-12	13	4	\$23.95	No	\$28.33	\$4.38
3500	30-Jan-12	13	5	\$23.33	No	\$28.33	\$5.00
3501	30-Jan-12	13	6	\$23.64	No	\$28.33	\$4.69
3502	30-Jan-12	13	7	\$23.59	No	\$28.33	\$4.74
3503	30-Jan-12	13	8	\$23.55	No	\$28.33	\$4.78
3504	30-Jan-12	13	9	\$23.55	No	\$28.33	\$4.78
3505	30-Jan-12	13	10	\$23.58	No	\$28.33	\$4.75
3506	30-Jan-12	13	11	\$23.58	No	\$28.33	\$4.75
3507	30-Jan-12	13	12	\$23.58	No	\$28.33	\$4.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3508	30-Jan-12	14	1	\$23.69	No	\$28.33	\$4.64
3509	30-Jan-12	14	2	\$23.69	No	\$28.33	\$4.64
3510	30-Jan-12	14	3	\$23.69	No	\$28.33	\$4.64
3511	30-Jan-12	14	4	\$23.63	No	\$28.33	\$4.70
3512	30-Jan-12	14	5	\$23.63	No	\$28.33	\$4.70
3513	30-Jan-12	14	6	\$23.63	No	\$28.33	\$4.70
3514	30-Jan-12	14	7	\$23.28	No	\$28.33	\$5.05
3515	30-Jan-12	14	8	\$23.22	No	\$28.33	\$5.11
3516	30-Jan-12	14	9	\$23.28	No	\$28.33	\$5.05
3517	30-Jan-12	14	10	\$23.30	No	\$28.33	\$5.03
3518	30-Jan-12	14	11	\$23.07	No	\$28.33	\$5.26
3519	30-Jan-12	14	12	\$22.24	No	\$28.33	\$6.09
3520	30-Jan-12	15	1	\$21.85	No	\$28.33	\$6.48
3521	30-Jan-12	15	1	\$21.85	No	\$28.33	\$6.48
3522	30-Jan-12	15	2	\$21.85	No	\$28.33	\$6.48
3523	30-Jan-12	15	2	\$21.85	No	\$28.33	\$6.48
3524	30-Jan-12	15	3	\$21.62	No	\$28.33	\$6.71
3525	30-Jan-12	15	3	\$21.62	No	\$28.33	\$6.71
3526	30-Jan-12	15	4	\$21.84	No	\$28.33	\$6.49
3527	30-Jan-12	15	4	\$21.84	No	\$28.33	\$6.49
3528	30-Jan-12	15	5	\$21.84	No	\$28.33	\$6.49
3529	30-Jan-12	15	5	\$21.84	No	\$28.33	\$6.49
3530	30-Jan-12	15	6	\$21.63	No	\$28.33	\$6.70
3531	30-Jan-12	15	6	\$21.63	No	\$28.33	\$6.70
3532	30-Jan-12	15	7	\$20.78	No	\$28.33	\$7.55
3533	30-Jan-12	15	7	\$20.78	No	\$28.33	\$7.55
3534	30-Jan-12	15	8	\$20.93	No	\$28.33	\$7.40
3535	30-Jan-12	15	8	\$20.93	No	\$28.33	\$7.40
3536	30-Jan-12	15	9	\$20.74	No	\$28.33	\$7.59
3537	30-Jan-12	15	9	\$20.74	No	\$28.33	\$7.59
3538	30-Jan-12	15	10	\$20.77	No	\$28.33	\$7.56
3539	30-Jan-12	15	10	\$20.77	No	\$28.33	\$7.56
3540	30-Jan-12	15	11	\$20.73	No	\$28.33	\$7.60
3541	30-Jan-12	15	11	\$20.73	No	\$28.33	\$7.60
3542	30-Jan-12	15	12	\$19.95	No	\$28.33	\$8.38
3543	30-Jan-12	15	12	\$19.95	No	\$28.33	\$8.38
3544	30-Jan-12	16	1	\$20.75	No	\$28.33	\$7.58
3545	30-Jan-12	16	1	\$20.75	No	\$28.33	\$7.58
3546	30-Jan-12	16	2	\$20.75	No	\$28.33	\$7.58
3547	30-Jan-12	16	2	\$20.75	No	\$28.33	\$7.58
3548	30-Jan-12	16	3	\$20.90	No	\$28.33	\$7.43
3549	30-Jan-12	16	3	\$20.90	No	\$28.33	\$7.43
3550	30-Jan-12	16	4	\$20.76	No	\$28.33	\$7.57
3551	30-Jan-12	16	4	\$20.76	No	\$28.33	\$7.57
3552	30-Jan-12	16	5	\$20.71	No	\$28.33	\$7.62

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3553	30-Jan-12	16	5	\$20.71	No	\$28.33	\$7.62
3554	30-Jan-12	16	6	\$20.76	No	\$28.33	\$7.57
3555	30-Jan-12	16	6	\$20.76	No	\$28.33	\$7.57
3556	30-Jan-12	16	7	\$20.66	No	\$28.33	\$7.67
3557	30-Jan-12	16	7	\$20.66	No	\$28.33	\$7.67
3558	30-Jan-12	16	8	\$20.60	No	\$28.33	\$7.73
3559	30-Jan-12	16	8	\$20.60	No	\$28.33	\$7.73
3560	30-Jan-12	16	9	\$20.60	No	\$28.33	\$7.73
3561	30-Jan-12	16	9	\$20.60	No	\$28.33	\$7.73
3562	30-Jan-12	16	10	\$20.61	No	\$28.33	\$7.72
3563	30-Jan-12	16	10	\$20.61	No	\$28.33	\$7.72
3564	30-Jan-12	16	11	\$20.62	No	\$28.33	\$7.71
3565	30-Jan-12	16	11	\$20.62	No	\$28.33	\$7.71
3566	30-Jan-12	16	12	\$21.72	No	\$28.33	\$6.61
3567	30-Jan-12	16	12	\$21.72	No	\$28.33	\$6.61
3568	30-Jan-12	17	1	\$19.63	No	\$28.33	\$8.70
3569	30-Jan-12	17	1	\$19.63	No	\$28.33	\$8.70
3570	30-Jan-12	17	2	\$19.69	No	\$28.33	\$8.64
3571	30-Jan-12	17	2	\$19.69	No	\$28.33	\$8.64
3572	30-Jan-12	17	3	\$19.96	No	\$28.33	\$8.37
3573	30-Jan-12	17	3	\$19.96	No	\$28.33	\$8.37
3574	30-Jan-12	17	4	\$19.42	No	\$28.33	\$8.91
3575	30-Jan-12	17	4	\$19.42	No	\$28.33	\$8.91
3576	30-Jan-12	17	5	\$19.80	No	\$28.33	\$8.53
3577	30-Jan-12	17	5	\$19.80	No	\$28.33	\$8.53
3578	30-Jan-12	17	6	\$20.61	No	\$28.33	\$7.72
3579	30-Jan-12	17	6	\$20.61	No	\$28.33	\$7.72
3580	30-Jan-12	17	7	\$20.65	No	\$28.33	\$7.68
3581	30-Jan-12	17	7	\$20.65	No	\$28.33	\$7.68
3582	30-Jan-12	17	8	\$20.04	No	\$28.33	\$8.29
3583	30-Jan-12	17	8	\$20.04	No	\$28.33	\$8.29
3584	30-Jan-12	17	9	\$14.34	No	\$28.33	\$13.99
3585	30-Jan-12	17	9	\$14.34	No	\$28.33	\$13.99
3586	30-Jan-12	17	10	\$20.56	No	\$28.33	\$7.77
3587	30-Jan-12	17	10	\$20.56	No	\$28.33	\$7.77
3588	30-Jan-12	17	11	\$21.64	No	\$28.33	\$6.69
3589	30-Jan-12	17	11	\$21.64	No	\$28.33	\$6.69
3590	30-Jan-12	17	12	\$25.72	No	\$28.33	\$2.61
3591	30-Jan-12	17	12	\$25.72	No	\$28.33	\$2.61
3592	30-Jan-12	18	1	\$23.64	No	\$29.03	\$5.39
3593	30-Jan-12	18	1	\$23.64	No	\$29.03	\$5.39
3594	30-Jan-12	18	2	\$23.65	No	\$29.03	\$5.38
3595	30-Jan-12	18	2	\$23.65	No	\$29.03	\$5.38
3596	30-Jan-12	18	3	\$23.65	No	\$29.03	\$5.38
3597	30-Jan-12	18	3	\$23.65	No	\$29.03	\$5.38

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3598	30-Jan-12	18	4	\$23.71	No	\$29.03	\$5.32
3599	30-Jan-12	18	4	\$23.71	No	\$29.03	\$5.32
3600	30-Jan-12	18	5	\$25.55	No	\$29.03	\$3.48
3601	30-Jan-12	18	5	\$25.55	No	\$29.03	\$3.48
3602	30-Jan-12	18	6	\$29.44	No	\$29.03	-\$0.41
3603	30-Jan-12	18	6	\$29.44	No	\$29.03	-\$0.41
3604	30-Jan-12	18	7	\$26.96	No	\$29.03	\$2.07
3605	30-Jan-12	18	7	\$26.96	No	\$29.03	\$2.07
3606	30-Jan-12	18	8	\$34.25	No	\$29.03	-\$5.22
3607	30-Jan-12	18	8	\$34.25	No	\$29.03	-\$5.22
3608	30-Jan-12	18	9	\$35.26	No	\$29.03	-\$6.23
3609	30-Jan-12	18	9	\$35.26	No	\$29.03	-\$6.23
3610	30-Jan-12	18	10	\$34.92	No	\$29.03	-\$5.89
3611	30-Jan-12	18	10	\$34.92	No	\$29.03	-\$5.89
3612	30-Jan-12	18	11	\$35.88	No	\$29.03	-\$6.85
3613	30-Jan-12	18	11	\$35.88	No	\$29.03	-\$6.85
3614	30-Jan-12	18	12	\$33.15	No	\$29.03	-\$4.12
3615	30-Jan-12	18	12	\$33.15	No	\$29.03	-\$4.12
3616	30-Jan-12	19	1	\$28.86	No	\$29.03	\$0.17
3617	30-Jan-12	19	1	\$28.86	No	\$29.03	\$0.17
3618	30-Jan-12	19	2	\$26.45	No	\$29.03	\$2.58
3619	30-Jan-12	19	2	\$26.45	No	\$29.03	\$2.58
3620	30-Jan-12	19	3	\$26.45	No	\$29.03	\$2.58
3621	30-Jan-12	19	3	\$26.45	No	\$29.03	\$2.58
3622	30-Jan-12	19	4	\$26.41	No	\$29.03	\$2.62
3623	30-Jan-12	19	4	\$26.41	No	\$29.03	\$2.62
3624	30-Jan-12	19	5	\$25.49	No	\$29.03	\$3.54
3625	30-Jan-12	19	5	\$25.49	No	\$29.03	\$3.54
3626	30-Jan-12	19	6	\$25.84	No	\$29.03	\$3.19
3627	30-Jan-12	19	6	\$25.84	No	\$29.03	\$3.19
3628	30-Jan-12	19	7	\$26.36	No	\$29.03	\$2.67
3629	30-Jan-12	19	7	\$26.36	No	\$29.03	\$2.67
3630	30-Jan-12	19	8	\$24.03	No	\$29.03	\$5.00
3631	30-Jan-12	19	8	\$24.03	No	\$29.03	\$5.00
3632	30-Jan-12	19	9	\$23.93	No	\$29.03	\$5.10
3633	30-Jan-12	19	9	\$23.93	No	\$29.03	\$5.10
3634	30-Jan-12	19	10	\$25.38	No	\$29.03	\$3.65
3635	30-Jan-12	19	10	\$25.38	No	\$29.03	\$3.65
3636	30-Jan-12	19	11	\$26.89	No	\$29.03	\$2.14
3637	30-Jan-12	19	11	\$26.89	No	\$29.03	\$2.14
3638	30-Jan-12	19	12	\$26.96	No	\$29.03	\$2.07
3639	30-Jan-12	19	12	\$26.96	No	\$29.03	\$2.07
3640	30-Jan-12	20	1	\$23.70	No	\$28.75	\$5.05
3641	30-Jan-12	20	1	\$23.70	No	\$28.75	\$5.05
3642	30-Jan-12	20	2	\$24.03	No	\$28.75	\$4.72

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3643	30-Jan-12	20	2	\$24.03	No	\$28.75	\$4.72
3644	30-Jan-12	20	3	\$24.06	No	\$28.75	\$4.69
3645	30-Jan-12	20	3	\$24.06	No	\$28.75	\$4.69
3646	30-Jan-12	20	4	\$24.89	No	\$28.75	\$3.86
3647	30-Jan-12	20	4	\$24.89	No	\$28.75	\$3.86
3648	30-Jan-12	20	5	\$23.90	No	\$28.75	\$4.85
3649	30-Jan-12	20	5	\$23.90	No	\$28.75	\$4.85
3650	30-Jan-12	20	6	\$23.55	No	\$28.75	\$5.20
3651	30-Jan-12	20	6	\$23.55	No	\$28.75	\$5.20
3652	30-Jan-12	20	7	\$23.55	No	\$28.75	\$5.20
3653	30-Jan-12	20	7	\$23.55	No	\$28.75	\$5.20
3654	30-Jan-12	20	8	\$23.60	No	\$28.75	\$5.15
3655	30-Jan-12	20	8	\$23.60	No	\$28.75	\$5.15
3656	30-Jan-12	20	9	\$23.60	No	\$28.75	\$5.15
3657	30-Jan-12	20	9	\$23.60	No	\$28.75	\$5.15
3658	30-Jan-12	20	10	\$23.59	No	\$28.75	\$5.16
3659	30-Jan-12	20	10	\$23.59	No	\$28.75	\$5.16
3660	30-Jan-12	20	11	\$23.59	No	\$28.75	\$5.16
3661	30-Jan-12	20	11	\$23.59	No	\$28.75	\$5.16
3662	30-Jan-12	20	12	\$23.59	No	\$28.75	\$5.16
3663	30-Jan-12	20	12	\$23.59	No	\$28.75	\$5.16
3664	30-Jan-12	21	1	\$22.66	No	\$29.03	\$6.37
3665	30-Jan-12	21	1	\$22.66	No	\$29.03	\$6.37
3666	30-Jan-12	21	2	\$22.66	No	\$29.03	\$6.37
3667	30-Jan-12	21	2	\$22.66	No	\$29.03	\$6.37
3668	30-Jan-12	21	3	\$22.66	No	\$29.03	\$6.37
3669	30-Jan-12	21	3	\$22.66	No	\$29.03	\$6.37
3670	30-Jan-12	21	4	\$22.57	No	\$29.03	\$6.46
3671	30-Jan-12	21	4	\$22.57	No	\$29.03	\$6.46
3672	30-Jan-12	21	5	\$22.51	No	\$29.03	\$6.52
3673	30-Jan-12	21	5	\$22.51	No	\$29.03	\$6.52
3674	30-Jan-12	21	6	\$21.92	No	\$29.03	\$7.11
3675	30-Jan-12	21	6	\$21.92	No	\$29.03	\$7.11
3676	30-Jan-12	21	7	\$21.85	No	\$29.03	\$7.18
3677	30-Jan-12	21	7	\$21.85	No	\$29.03	\$7.18
3678	30-Jan-12	21	8	\$21.32	No	\$29.03	\$7.71
3679	30-Jan-12	21	8	\$21.32	No	\$29.03	\$7.71
3680	30-Jan-12	21	9	\$20.90	No	\$29.03	\$8.13
3681	30-Jan-12	21	9	\$20.90	No	\$29.03	\$8.13
3682	30-Jan-12	21	10	\$20.95	No	\$29.03	\$8.08
3683	30-Jan-12	21	10	\$20.95	No	\$29.03	\$8.08
3684	30-Jan-12	21	11	\$20.95	No	\$29.03	\$8.08
3685	30-Jan-12	21	11	\$20.95	No	\$29.03	\$8.08
3686	30-Jan-12	21	12	\$20.07	No	\$29.03	\$8.96
3687	30-Jan-12	21	12	\$20.07	No	\$29.03	\$8.96

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3688	30-Jan-12	22	1	\$21.70	No	\$28.33	\$6.63
3689	30-Jan-12	22	1	\$21.70	No	\$28.33	\$6.63
3690	30-Jan-12	22	2	\$22.05	No	\$28.33	\$6.28
3691	30-Jan-12	22	2	\$22.05	No	\$28.33	\$6.28
3692	30-Jan-12	22	3	\$21.47	No	\$28.33	\$6.86
3693	30-Jan-12	22	3	\$21.47	No	\$28.33	\$6.86
3694	30-Jan-12	22	4	\$21.11	No	\$28.33	\$7.22
3695	30-Jan-12	22	4	\$21.11	No	\$28.33	\$7.22
3696	30-Jan-12	22	5	\$20.93	No	\$28.33	\$7.40
3697	30-Jan-12	22	5	\$20.93	No	\$28.33	\$7.40
3698	30-Jan-12	22	6	\$20.14	No	\$28.33	\$8.19
3699	30-Jan-12	22	6	\$20.14	No	\$28.33	\$8.19
3700	30-Jan-12	22	7	\$19.59	No	\$28.33	\$8.74
3701	30-Jan-12	22	7	\$19.59	No	\$28.33	\$8.74
3702	30-Jan-12	22	8	\$19.54	No	\$28.33	\$8.79
3703	30-Jan-12	22	8	\$19.54	No	\$28.33	\$8.79
3704	30-Jan-12	22	9	\$16.38	No	\$28.33	\$11.95
3705	30-Jan-12	22	9	\$16.38	No	\$28.33	\$11.95
3706	30-Jan-12	22	10	\$18.51	No	\$28.33	\$9.82
3707	30-Jan-12	22	10	\$18.51	No	\$28.33	\$9.82
3708	30-Jan-12	22	11	\$16.74	No	\$28.33	\$11.59
3709	30-Jan-12	22	11	\$16.74	No	\$28.33	\$11.59
3710	30-Jan-12	22	12	\$14.34	No	\$28.33	\$13.99
3711	30-Jan-12	22	12	\$14.34	No	\$28.33	\$13.99
3712	30-Jan-12	23	1	\$14.34	No	\$28.33	\$13.99
3713	30-Jan-12	23	1	\$14.34	No	\$28.33	\$13.99
3714	30-Jan-12	23	2	\$31.19	No	\$28.33	-\$2.86
3715	30-Jan-12	23	2	\$31.19	No	\$28.33	-\$2.86
3716	30-Jan-12	23	3	\$21.63	No	\$28.33	\$6.70
3717	30-Jan-12	23	3	\$21.63	No	\$28.33	\$6.70
3718	30-Jan-12	23	4	\$21.64	No	\$28.33	\$6.69
3719	30-Jan-12	23	4	\$21.64	No	\$28.33	\$6.69
3720	30-Jan-12	23	5	\$21.64	No	\$28.33	\$6.69
3721	30-Jan-12	23	5	\$21.64	No	\$28.33	\$6.69
3722	30-Jan-12	23	6	\$22.12	No	\$28.33	\$6.21
3723	30-Jan-12	23	6	\$22.12	No	\$28.33	\$6.21
3724	30-Jan-12	23	7	\$21.55	No	\$28.33	\$6.78
3725	30-Jan-12	23	7	\$21.55	No	\$28.33	\$6.78
3726	30-Jan-12	23	8	\$21.49	No	\$28.33	\$6.84
3727	30-Jan-12	23	8	\$21.49	No	\$28.33	\$6.84
3728	30-Jan-12	23	9	\$21.48	No	\$28.33	\$6.85
3729	30-Jan-12	23	9	\$21.48	No	\$28.33	\$6.85
3730	30-Jan-12	23	10	\$20.20	No	\$28.33	\$8.13
3731	30-Jan-12	23	10	\$20.20	No	\$28.33	\$8.13
3732	30-Jan-12	23	11	\$20.17	No	\$28.33	\$8.16

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3733	30-Jan-12	23	11	\$20.17	No	\$28.33	\$8.16
3734	30-Jan-12	23	12	\$16.70	No	\$28.33	\$11.63
3735	30-Jan-12	23	12	\$16.70	No	\$28.33	\$11.63
3736	30-Jan-12	24	1	\$25.10	No	\$28.33	\$3.23
3737	30-Jan-12	24	1	\$25.10	No	\$28.33	\$3.23
3738	30-Jan-12	24	2	\$21.44	No	\$28.33	\$6.89
3739	30-Jan-12	24	2	\$21.44	No	\$28.33	\$6.89
3740	30-Jan-12	24	3	\$20.99	No	\$28.33	\$7.34
3741	30-Jan-12	24	3	\$20.99	No	\$28.33	\$7.34
3742	30-Jan-12	24	4	\$20.90	No	\$28.33	\$7.43
3743	30-Jan-12	24	4	\$20.90	No	\$28.33	\$7.43
3744	30-Jan-12	24	5	\$20.47	No	\$28.33	\$7.86
3745	30-Jan-12	24	5	\$20.47	No	\$28.33	\$7.86
3746	30-Jan-12	24	6	\$20.47	No	\$28.33	\$7.86
3747	30-Jan-12	24	6	\$20.47	No	\$28.33	\$7.86
3748	30-Jan-12	24	7	\$20.23	No	\$28.33	\$8.10
3749	30-Jan-12	24	7	\$20.23	No	\$28.33	\$8.10
3750	30-Jan-12	24	8	\$20.73	No	\$28.33	\$7.60
3751	30-Jan-12	24	8	\$20.73	No	\$28.33	\$7.60
3752	30-Jan-12	24	9	\$20.17	No	\$28.33	\$8.16
3753	30-Jan-12	24	9	\$20.17	No	\$28.33	\$8.16
3754	30-Jan-12	24	10	\$18.82	No	\$28.33	\$9.51
3755	30-Jan-12	24	10	\$18.82	No	\$28.33	\$9.51
3756	30-Jan-12	24	11	\$14.05	No	\$28.33	\$14.28
3757	30-Jan-12	24	11	\$14.05	No	\$28.33	\$14.28
3758	30-Jan-12	24	12	\$14.13	No	\$28.33	\$14.20
3759	30-Jan-12	24	12	\$14.13	No	\$28.33	\$14.20
3760	31-Jan-12	15	1	\$21.67	No	\$29.14	\$7.47
3761	31-Jan-12	15	2	\$21.61	No	\$29.14	\$7.53
3762	31-Jan-12	15	3	\$21.61	No	\$29.14	\$7.53
3763	31-Jan-12	15	4	\$21.64	No	\$29.14	\$7.50
3764	31-Jan-12	15	5	\$23.81	No	\$29.14	\$5.33
3765	31-Jan-12	15	6	\$23.52	No	\$29.14	\$5.62
3766	31-Jan-12	15	7	\$23.52	No	\$29.14	\$5.62
3767	31-Jan-12	15	8	\$21.64	No	\$29.14	\$7.50
3768	31-Jan-12	15	9	\$21.62	No	\$29.14	\$7.52
3769	31-Jan-12	15	10	\$21.67	No	\$29.14	\$7.47
3770	31-Jan-12	15	11	\$22.31	No	\$29.14	\$6.83
3771	31-Jan-12	15	12	\$22.27	No	\$29.14	\$6.87
3772	31-Jan-12	16	1	\$22.76	No	\$29.14	\$6.38
3773	31-Jan-12	16	2	\$23.31	No	\$29.14	\$5.83
3774	31-Jan-12	16	3	\$23.86	No	\$29.14	\$5.28
3775	31-Jan-12	16	4	\$22.58	No	\$29.14	\$6.56
3776	31-Jan-12	16	5	\$23.53	No	\$29.14	\$5.61
3777	31-Jan-12	16	6	\$22.58	No	\$29.14	\$6.56

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3778	31-Jan-12	16	7	\$22.70	No	\$29.14	\$6.44
3779	31-Jan-12	16	8	\$23.90	No	\$29.14	\$5.24
3780	31-Jan-12	16	9	\$23.90	No	\$29.14	\$5.24
3781	31-Jan-12	16	10	\$23.87	No	\$29.14	\$5.27
3782	31-Jan-12	16	11	\$23.87	No	\$29.14	\$5.27
3783	31-Jan-12	16	12	\$24.32	No	\$29.14	\$4.82
3784	31-Jan-12	17	1	\$21.13	No	\$29.14	\$8.01
3785	31-Jan-12	17	2	\$21.68	No	\$29.14	\$7.46
3786	31-Jan-12	17	3	\$23.75	No	\$29.14	\$5.39
3787	31-Jan-12	17	4	\$24.36	No	\$29.14	\$4.78
3788	31-Jan-12	17	5	\$24.36	No	\$29.14	\$4.78
3789	31-Jan-12	17	6	\$25.27	No	\$29.14	\$3.87
3790	31-Jan-12	17	7	\$24.65	No	\$29.14	\$4.49
3791	31-Jan-12	17	8	\$25.27	No	\$29.14	\$3.87
3792	31-Jan-12	17	9	\$24.37	No	\$29.14	\$4.77
3793	31-Jan-12	17	10	\$27.77	No	\$29.14	\$1.37
3794	31-Jan-12	17	11	\$25.69	No	\$29.14	\$3.45
3795	31-Jan-12	17	12	\$25.37	No	\$29.14	\$3.77
3796	31-Jan-12	18	1	\$22.58	No	\$29.86	\$7.28
3797	31-Jan-12	18	2	\$21.30	No	\$29.86	\$8.56
3798	31-Jan-12	18	3	\$21.75	No	\$29.86	\$8.11
3799	31-Jan-12	18	4	\$23.77	No	\$29.86	\$6.09
3800	31-Jan-12	18	5	\$23.80	No	\$29.86	\$6.06
3801	31-Jan-12	18	6	\$27.52	No	\$29.86	\$2.34
3802	31-Jan-12	18	7	\$25.09	No	\$29.86	\$4.77
3803	31-Jan-12	18	8	\$25.02	No	\$29.86	\$4.84
3804	31-Jan-12	18	9	\$33.50	No	\$29.86	-\$3.64
3805	31-Jan-12	18	10	\$28.70	No	\$29.86	\$1.16
3806	31-Jan-12	18	11	\$31.13	No	\$29.86	-\$1.27
3807	31-Jan-12	18	12	\$30.57	No	\$29.86	-\$0.71
3808	31-Jan-12	19	1	\$27.63	No	\$29.86	\$2.23
3809	31-Jan-12	19	2	\$24.99	No	\$29.86	\$4.87
3810	31-Jan-12	19	3	\$23.82	No	\$29.86	\$6.04
3811	31-Jan-12	19	4	\$21.89	No	\$29.86	\$7.97
3812	31-Jan-12	19	5	\$22.17	No	\$29.86	\$7.69
3813	31-Jan-12	19	6	\$22.18	No	\$29.86	\$7.68
3814	31-Jan-12	19	7	\$22.37	No	\$29.86	\$7.49
3815	31-Jan-12	19	8	\$21.94	No	\$29.86	\$7.92
3816	31-Jan-12	19	9	\$21.77	No	\$29.86	\$8.09
3817	31-Jan-12	19	10	\$22.22	No	\$29.86	\$7.64
3818	31-Jan-12	19	11	\$23.11	No	\$29.86	\$6.75
3819	31-Jan-12	19	12	\$22.63	No	\$29.86	\$7.23
3820	31-Jan-12	20	1	\$23.10	No	\$29.86	\$6.76
3821	31-Jan-12	20	2	\$21.73	No	\$29.86	\$8.13
3822	31-Jan-12	20	3	\$23.17	No	\$29.86	\$6.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3823	31-Jan-12	20	4	\$25.12	No	\$29.86	\$4.74
3824	31-Jan-12	20	5	\$27.58	No	\$29.86	\$2.28
3825	31-Jan-12	20	6	\$27.58	No	\$29.86	\$2.28
3826	31-Jan-12	20	7	\$27.57	No	\$29.86	\$2.29
3827	31-Jan-12	20	8	\$26.60	No	\$29.86	\$3.26
3828	31-Jan-12	20	9	\$25.82	No	\$29.86	\$4.04
3829	31-Jan-12	20	10	\$27.02	No	\$29.86	\$2.84
3830	31-Jan-12	20	11	\$29.98	No	\$29.86	-\$0.12
3831	31-Jan-12	20	12	\$29.98	No	\$29.86	-\$0.12
3832	31-Jan-12	21	1	\$26.95	No	\$29.86	\$2.91
3833	31-Jan-12	21	2	\$27.31	No	\$29.86	\$2.56
3834	31-Jan-12	21	3	\$29.77	No	\$29.86	\$0.09
3835	31-Jan-12	21	4	\$33.08	No	\$29.86	-\$3.22
3836	31-Jan-12	21	5	\$29.98	No	\$29.86	-\$0.12
3837	31-Jan-12	21	6	\$29.90	No	\$29.86	-\$0.04
3838	31-Jan-12	21	7	\$29.99	No	\$29.86	-\$0.13
3839	31-Jan-12	21	8	\$29.93	No	\$29.86	-\$0.07
3840	31-Jan-12	21	9	\$29.99	No	\$29.86	-\$0.13
3841	31-Jan-12	21	10	\$27.69	No	\$29.86	\$2.17
3842	31-Jan-12	21	11	\$29.88	No	\$29.86	-\$0.02
3843	31-Jan-12	21	12	\$29.98	No	\$29.86	-\$0.12
3844	31-Jan-12	22	1	\$31.09	No	\$29.14	-\$1.95
3845	31-Jan-12	22	2	\$29.94	No	\$29.14	-\$0.80
3846	31-Jan-12	22	3	\$29.94	No	\$29.14	-\$0.80
3847	31-Jan-12	22	4	\$29.13	No	\$29.14	\$0.01
3848	31-Jan-12	22	5	\$27.32	No	\$29.14	\$1.82
3849	31-Jan-12	22	6	\$26.88	No	\$29.14	\$2.26
3850	31-Jan-12	22	7	\$26.91	No	\$29.14	\$2.23
3851	31-Jan-12	22	8	\$25.41	No	\$29.14	\$3.73
3852	31-Jan-12	22	9	\$25.41	No	\$29.14	\$3.73
3853	31-Jan-12	22	10	\$25.33	No	\$29.14	\$3.81
3854	31-Jan-12	22	11	\$24.25	No	\$29.14	\$4.89
3855	31-Jan-12	22	12	\$23.01	No	\$29.14	\$6.13
3856	31-Jan-12	23	1	\$38.53	No	\$29.14	-\$9.39
3857	31-Jan-12	23	2	\$38.53	No	\$29.14	-\$9.39
3858	31-Jan-12	23	3	\$34.89	No	\$29.14	-\$5.75
3859	31-Jan-12	23	4	\$34.36	No	\$29.14	-\$5.22
3860	31-Jan-12	23	5	\$34.89	No	\$29.14	-\$5.75
3861	31-Jan-12	23	6	\$37.22	No	\$29.14	-\$8.08
3862	31-Jan-12	23	7	\$36.28	No	\$29.14	-\$7.14
3863	31-Jan-12	23	8	\$34.77	No	\$29.14	-\$5.63
3864	31-Jan-12	23	9	\$31.85	No	\$29.14	-\$2.71
3865	31-Jan-12	23	10	\$35.00	No	\$29.14	-\$5.86
3866	31-Jan-12	23	11	\$27.86	No	\$29.14	\$1.28
3867	31-Jan-12	23	12	\$31.13	No	\$29.14	-\$1.99

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
3868	31-Jan-12	24	1	\$34.96	No	\$29.14	-\$5.82
3869	31-Jan-12	24	2	\$33.83	No	\$29.14	-\$4.69
3870	31-Jan-12	24	3	\$23.30	No	\$29.14	\$5.84
3871	31-Jan-12	24	4	\$29.63	No	\$29.14	-\$0.49
3872	31-Jan-12	24	5	\$31.08	No	\$29.14	-\$1.94
3873	31-Jan-12	24	6	\$29.58	No	\$29.14	-\$0.44
3874	31-Jan-12	24	7	\$31.66	No	\$29.14	-\$2.52
3875	31-Jan-12	24	8	\$26.70	No	\$29.14	\$2.44
3876	31-Jan-12	24	9	\$27.86	No	\$29.14	\$1.28
3877	31-Jan-12	24	10	\$26.58	No	\$29.14	\$2.56
3878	31-Jan-12	24	11	\$30.93	No	\$29.14	-\$1.79
3879	31-Jan-12	24	12	\$31.44	No	\$29.14	-\$2.30

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In January 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 January. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$130,340. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$134,263. The cost saving from the exceptional dispatch bid mitigation was \$3,923.

Table 10: Bid Mitigation Analysis for January

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
Non-competitive constraint	11	\$55,088	\$56,545	-\$1,456
TMODEL5	3	\$22,353	\$19,706	\$2,648
TMODEL7	3	\$56,822	\$54,090	\$2,732
Total	17	\$134,263	\$130,340	\$3,923

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 30th day of April 2012.

/s/ Susan Montana

Susan Montana