



California Independent
System Operator Corporation

September 30, 2011

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-____
June 2011 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 June 2011. The attached Chart 2 report also includes the price impact analysis for the month of June 2011 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 June 2011.

Respectfully submitted,

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Exceptional Dispatch Report

Table 2: June 2011

ISO Market Services

September 30, 2011

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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 June 2011.

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 June is presented in Appendix B. This report also includes the degree of mitigation analysis for June 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 June 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 June 2011, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-206, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-129, transmission facilities in Fresno area; (2) T-132, transmission facilities in San Diego and Imperial Valley area; (3) T-133, transmission facilities in Bay Area; (4) T-138, transmission facilities in Humboldt area; (5) T-167, transmission facilities in Tesla/Bellota Area; (6) T-170, Mirage-Tamarisk and Mirage-Concho 115 kV lines; and (7) other transmission outages in PG&E, SCE and SDG&E area.

In Table 1, the reason codes starting with “G” refer to an ISO operating procedure for generation requirements and the reason codes starting with “T” refer to an ISO operating procedure for transmission facilities. 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 June 2011 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.); (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 may 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 June, which are self explanatory.

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

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

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.² This table contains all the information published in the Table 1 of the first report for June. In addition, it contains volume (MWh) and cost information. Each entry in Table 1 is a summary of exceptional dispatches classified by (1) the reason for the exceptional dispatch; (2) the location of the resource by Participating Transmission Owner (PTO) service area; (3) the Local Reliability Area (LRA) where applicable; (4) the market in which the exceptional dispatch occurred (day-ahead vs. real-time); and (5) the date of the exceptional dispatch. For each classification the following information is provided: (1) Megawatts (MW); (2) Commitment (3); Inc or Dec; (4) Hours; (5) Begin Time; (6) End Time; (7) Total Volume (MWh); (8) Min Load Cost; (9) Start Up Cost; (10) CC6470; (11) ED Volume (MWh INC/DEC); (12) CC6470 INC; (13) CC6470 DEC; (14) CC6482; (15) CC6488; and (16) CC6620. Each column is defined as follows:

- 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.

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

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

- The ED Volume MWh (MWh INC/DEC) column shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction which is settled at the resource specific LMP.
- The CC6470-DEC column shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both these charge codes are a portion of the real-time instructed imbalance energy charge code (6470).⁴
- The CC6482 column shows the real-time excess cost for the classification.⁵
- The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.⁶ The CC6620 column 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 June 2011.

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 June 2011

**California Independent System Operator Corporation
Exceptional Dispatch Report
September 30, 2011**

Chart 2: Table of Exceptional Dispatches for Period 01/June/2011 - 30/June/2011

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	COI Mitigation	N/A	N/A	13-Jun-11	200	No	DEC	1	15:35	15:59	-31.25	\$0	\$0	\$0	(\$31)	\$0	\$0	\$0	\$0	\$0
2	RT	COI Mitigation	N/A	N/A	20-Jun-11	0	Yes	INC	2	22:35	23:24	9.38	\$0	\$0	(\$1,267)	\$0	\$0	\$0	\$0	\$0	\$0
3	RT	Fire	PG&E	Fresno	17-Jun-11	320	No	INC	3	17:05	19:59	706.45	\$34,543	\$0	(\$19,675)	\$17	(\$437)	\$0	(\$254)	\$0	\$0
4	RT	Fire	SCE	Big Creek-Ventura	21-Jun-11	21	No	DEC	2	16:58	17:26	-2.38	\$0	\$0	\$44	(\$2)	\$0	\$18	\$0	\$0	\$0
5	RT	Fuel Management	SCE	LA Basin	14-Jun-11	47	No	DEC	2	15:50	16:49	-5.87	\$0	\$0	\$0	(\$6)	\$0	\$0	\$0	\$0	\$0
6	RT	Fuel Management	SCE	LA Basin	14-Jun-11	0	No	INC	2	15:50	16:49	-1.96	\$0	\$0	\$104	\$0	\$0	\$0	\$0	\$0	\$0
7	RT	G-206	SDG&E	San Diego	11-Jun-11	20	No	INC	21	3:00	23:59	420.90	\$37,241	\$0	(\$8,324)	\$42	(\$2,492)	\$0	\$0	\$0	\$0
8	RT	G-206	SDG&E	San Diego	12-Jun-11	20	No	INC	1	0:00	0:44	15.00	\$915	\$0	(\$369)	\$0	\$0	\$0	\$0	\$0	\$0
9	RT	Generation Outage	PG&E	N/A	3-Jun-11	5- 8	Yes	DEC	8	10:55	17:04	-22.92	\$0	\$0	\$3,445	(\$22)	\$0	\$3,881	\$0	(\$3,875)	\$0
10	RT	Generation Outage	PG&E	N/A	3-Jun-11	30- 32	Yes	INC	8	11:35	18:29	49.16	\$0	\$0	(\$6,066)	\$0	\$0	\$0	\$0	\$0	\$0
11	RT	Generation Outage	SCE	LA Basin	5-Jun-11	160	No	INC	6	18:00	23:59	1,242.30	\$36,186	\$18,378	(\$48,538)	\$0	\$0	\$0	\$0	\$0	\$0
12	RT	Intertie Emergency Assistance	N/A	N/A	21-Jun-11	280	No	INC	1	20:00	20:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	RT	Load Forecast Uncertainty	SCE	Big Creek-Ventura	20-Jun-11	50	Yes	INC	16	8:00	23:59	1,672.74	\$84,121	\$65,258	(\$133,935)	\$633	(\$30,544)	\$0	(\$14,047)	\$0	\$0
14	RT	Path 26	SCE	LA Basin	14-Jun-11	20	No	INC	24	0:00	23:59	717.91	\$70,258	\$0	(\$28,714)	\$0	\$0	\$0	\$0	\$0	\$0
15	RT	Path 26	SCE	LA Basin	15-Jun-11	20	Yes	INC	23	1:00	23:59	817.72	\$67,330	\$0	(\$26,122)	\$269	(\$14,605)	\$0	\$0	\$0	\$0
16	RT	Path 26	SDG&E	San Diego	18-Jun-11	93	Yes	INC	1	17:00	17:59	139.58	\$6,582	\$143	(\$2,725)	\$5	(\$90)	\$0	(\$98)	\$0	\$0
17	RT	Pump Management	PG&E	Fresno	1-Jun-11	0	No	INC	2	4:30	5:59	-77.50	\$0	\$0	(\$759)	\$0	\$0	\$0	\$0	\$0	\$0
18	RT	Pump Management	PG&E	Fresno	15-Jun-11	310	No	INC	2	5:00	6:29	167.92	\$0	\$0	\$5,242	\$0	\$0	\$0	\$0	\$0	\$0
19	RT	Pump Management	PG&E	Fresno	16-Jun-11	620	Yes	INC	1	5:00	5:59	297.08	\$0	\$0	\$655	\$0	\$0	\$0	\$0	\$0	\$0
20	RT	Pump Management	PG&E	Fresno	20-Jun-11	0	No	INC	1	6:00	6:44	12.92	\$0	\$0	\$4	\$0	\$0	\$0	\$0	\$0	\$0
21	RT	Ramp Rate	N/A	N/A	11-Jun-11	63	Yes	INC	3	20:20	22:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	RT	Ramp Rate	N/A	N/A	21-Jun-11	68- 88	Yes	INC	12	12:05	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	RT	Ramp Rate	N/A	N/A	22-Jun-11	20	Yes	INC	10	0:00	9:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	RT	Ramp Rate	PG&E	N/A	20-Jun-11	54	No	DEC	10	12:45	21:59	-36.71	\$0	\$0	\$1,582	\$0	\$0	\$0	\$0	\$0	\$0
25	RT	Ramp Rate	PG&E	N/A	20-Jun-11	210	No	INC	10	12:28	21:59	678.88	\$0	\$0	(\$33,146)	\$294	(\$13,352)	\$0	\$0	\$0	\$0
26	RT	Ramp Rate	PG&E	N/A	21-Jun-11	30- 295	No	DEC	9	12:52	20:59	-950.07	\$0	\$0	\$94,906	\$0	\$0	\$0	\$0	\$0	\$0

Department of Market Services – 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
27	RT	Ramp Rate	PG&E	N/A	22-Jun-11	70- 598	No	DEC	9	12:15	20:59	2,966.1 3	\$0	\$0	\$111,95 1	\$0	\$0	\$0	\$0	\$0	\$0
28	RT	Ramp Rate	PG&E	N/A	22-Jun-11	76	No	INC	9	12:15	20:59	63.61	\$0	\$0	(\$2,879)	\$64	(\$2,883)	\$0	\$0	\$0	\$0
29	RT	Ramp Rate	PG&E	N/A	27-Jun-11	5- 443	Yes	DEC	14	10:30	23:59	-582.64	\$0	\$0	\$24,006	\$0	\$0	\$0	\$0	\$0	\$0
30	RT	Ramp Rate	PG&E	N/A	27-Jun-11	5	Yes	INC	14	10:30	23:59	121.45	\$0	\$0	(\$4,900)	\$20	(\$808)	\$0	\$0	\$0	\$0
31	RT	Ramp Rate	SCE	Big Creek- Ventura	20-Jun-11	50- 450	Yes	INC	9	13:10	21:59	1,327.7 3	\$73,866	\$45,642	(\$79,23 3)	\$774	(\$37,47 8)	\$0	(\$17,70 1)	\$0	\$0
32	RT	Ramp Rate	SCE	Big Creek- Ventura	21-Jun-11	50- 400	Yes	INC	11	9:00	19:59	3,161.1 2	\$109,209	\$0	(\$303,5 94)	\$2,257	(\$146,9 11)	\$0	(\$92,11 2)	\$0	\$0
33	RT	Ramp Rate	SCE	Big Creek- Ventura	22-Jun-11	50	Yes	INC	24	0:00	23:59	1,202.5 0	\$212,515	\$0	(\$29,60 0)	\$0	\$0	\$0	\$0	\$0	\$0
34	RT	Ramp Rate	SCE	LA Basin	4-Jun-11	20- 40	Yes	INC	17	7:00	23:59	639.59	\$57,084	\$39,837	(\$21,49 6)	\$69	(\$3,673)	\$0	\$0	\$0	\$0
35	RT	Ramp Rate	SCE	LA Basin	5-Jun-11	20- 40	Yes	INC	24	0:00	23:59	1,281.2 1	\$68,794	\$0	(\$86,41 5)	\$159	(\$8,475)	\$0	\$0	\$0	\$0
36	RT	Ramp Rate	SCE	LA Basin	8-Jun-11	40	Yes	INC	7	15:45	21:59	251.00	\$18,540	\$0	(\$8,554)	\$124	(\$6,826)	\$0	\$0	\$0	\$0
37	RT	Ramp Rate	SCE	LA Basin	11-Jun-11	20- 130	Yes	INC	18	6:00	23:59	644.16	\$52,693	\$34,730	(\$52,86 5)	\$161	(\$7,749)	\$0	\$0	\$0	\$0
38	RT	Ramp Rate	SCE	LA Basin	12-Jun-11	20	Yes	INC	24	0:00	23:59	598.19	\$70,258	\$0	(\$19,68 8)	\$0	\$0	\$0	\$0	\$0	\$0
39	RT	Ramp Rate	SCE	LA Basin	15-Jun-11	71- 258	Yes	INC	14	8:05	21:59	1,838.0 6	\$101,737	\$54,902	(\$156,0 02)	\$1,208	(\$133,1 63)	\$0	\$0	\$0	\$0
40	RT	Ramp Rate	SCE	LA Basin	18-Jun-11	70	Yes	INC	1	10:05	10:54	68.53	\$2,927	\$2,043	(\$3,125)	\$42	(\$2,190)	\$0	\$0	\$0	\$0
41	RT	Ramp Rate	SCE	LA Basin	20-Jun-11	190	Yes	INC	9	13:05	21:59	1,487.3 5	\$35,181	\$0	(\$100,2 77)	\$230	(\$9,073)	\$0	(\$1,376)	\$0	\$0
42	RT	Ramp Rate	SCE	LA Basin	21-Jun-11	20- 281	Yes	INC	24	0:00	23:59	2,839.6 5	\$126,504	\$54,398	(\$261,7 03)	\$878	(\$37,41 0)	\$0	(\$14,40 6)	\$0	\$0
43	RT	Ramp Rate	SCE	LA Basin	22-Jun-11	192- 211	No	DEC	9	12:50	20:59	1,612.4 1	\$0	\$0	\$58,610	\$0	\$0	\$0	\$0	\$0	\$0
44	RT	Ramp Rate	SCE	LA Basin	22-Jun-11	45- 281	Yes	INC	24	0:00	23:59	3,164.4 2	\$241,281	\$0	(\$147,4 99)	\$1,571	(\$98,58 1)	\$0	\$0	\$0	\$0
45	RT	Ramp Rate	SCE	LA Basin	23-Jun-11	45- 261	Yes	INC	24	0:00	23:59	4,370.4 2	\$256,070	\$0	(\$192,2 89)	\$2,429	(\$136,6 79)	\$0	\$0	\$0	\$0
46	RT	Ramp Rate	SCE	N/A	4-Jun-11	40- 99	Yes	INC	17	7:00	23:59	1,149.7 0	\$99,308	\$31,954	(\$32,61 6)	\$194	(\$9,038)	\$0	\$0	\$0	\$0
47	RT	Ramp Rate	SCE	N/A	5-Jun-11	40- 99	Yes	INC	24	0:00	23:59	1,881.9 6	\$124,772	\$0	(\$114,2 97)	\$679	(\$45,98 5)	\$0	\$0	\$0	\$0
48	RT	Ramp Rate	SCE	N/A	11-Jun-11	40	Yes	INC	18	6:00	23:59	682.23	\$77,240	\$27,857	(\$25,09 0)	\$0	\$0	\$0	\$0	\$0	\$0
49	RT	Ramp Rate	SCE	N/A	12-Jun-11	40	Yes	INC	24	0:00	23:59	975.98	\$119,679	\$5,492	(\$21,72 9)	\$0	\$0	\$0	\$0	\$0	\$0
50	RT	Ramp Rate	SDG&E	San Diego	11-Jun-11	63	No	INC	2	18:00	19:59	92.04	\$6,090	\$0	(\$3,280)	\$42	(\$2,492)	\$0	\$0	\$0	\$0
51	RT	Ramp Rate	SDG&E	San Diego	21-Jun-11	20	No	INC	3	9:00	11:59	60.02	\$5,643	\$15,087	(\$1,192)	\$0	\$0	\$0	\$0	\$0	\$0
52	RT	Ramp Rate	SDG&E	San Diego	22-Jun-11	20	Yes	INC	3	18:00	20:59	56.91	\$3,924	\$0	(\$1,848)	\$0	\$0	\$0	\$0	\$0	\$0

Department of Market Services – California ISO

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
53	RT	Software Limitation	N/A	N/A	5-Jun-11	253	Yes	INC	24	0:25	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	RT	Software Limitation	N/A	N/A	6-Jun-11	253	Yes	INC	14	0:00	13:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55	RT	Software Limitation	N/A	N/A	7-Jun-11	0	Yes	INC	6	11:00	16:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
56	RT	Software Limitation	N/A	N/A	9-Jun-11	0	No	INC	1	23:30	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
57	RT	Software Limitation	N/A	N/A	17-Jun-11	0	Yes	INC	2	3:10	4:09	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
58	RT	Software Limitation	N/A	N/A	19-Jun-11	380	Yes	INC	2	20:35	21:19	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59	RT	Software Limitation	N/A	N/A	20-Jun-11	37	Yes	INC	2	18:20	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	RT	Software Limitation	N/A	N/A	23-Jun-11	136- 145	No	DEC	5	7:35	11:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	RT	Software Limitation	N/A	N/A	23-Jun-11	75- 297	Yes	INC	5	7:10	11:09	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	RT	Software Limitation	N/A	N/A	24-Jun-11	164- 166	Yes	INC	2	7:05	8:14	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	RT	Software Limitation	N/A	N/A	30-Jun-11	300	No	INC	2	11:25	12:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	RT	Software Limitation	PG&E	Bay Area	3-Jun-11	47	Yes	INC	2	13:15	14:04	23.54	\$0	\$0	(\$24,187)	\$0	\$0	\$0	\$0	\$0	\$0
65	RT	Software Limitation	PG&E	Bay Area	4-Jun-11	253	No	INC	2	18:50	19:59	295.17	\$11,741	\$0	(\$4,261)	\$0	\$0	\$0	\$0	\$0	\$0
66	RT	Software Limitation	PG&E	Bay Area	5-Jun-11	47	Yes	INC	1	14:10	14:59	27.85	\$0	\$0	(\$1,052)	\$0	\$0	\$0	\$0	\$0	\$0
67	RT	Software Limitation	PG&E	Bay Area	8-Jun-11	0	No	INC	1	23:45	23:59	17.50	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0
68	RT	Software Limitation	PG&E	Bay Area	9-Jun-11	600	No	INC	12	0:00	11:59	1,239.18	\$0	\$0	\$18,489	\$0	\$0	\$0	\$0	\$0	\$0
69	RT	Software Limitation	PG&E	Bay Area	18-Jun-11	380	No	INC	8	15:05	22:59	2,608.69	\$98,725	\$13,215	(\$71,734)	\$236	(\$7,905)	\$0	\$0	\$0	\$0
70	RT	Software Limitation	PG&E	Bay Area	23-Jun-11	600	Yes	INC	15	9:50	23:59	-693.12	\$26,168	\$0	\$19,251	\$0	\$0	\$0	\$0	\$0	\$0
71	RT	Software Limitation	PG&E	Bay Area	24-Jun-11	0	No	INC	1	0:00	0:14	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72	RT	Software Limitation	PG&E	Bay Area	30-Jun-11	47	Yes	INC	3	10:35	12:59	40.48	\$1,297	\$0	(\$12,230)	\$0	\$0	\$0	\$0	\$0	\$0
73	RT	Software Limitation	PG&E	Fresno	1-Jun-11	0	No	INC	2	3:40	4:09	0.00	\$157	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
74	RT	Software Limitation	PG&E	Fresno	2-Jun-11	308	No	DEC	1	6:00	6:09	-38.42	\$0	\$0	(\$1,186)	\$0	\$0	\$0	\$0	\$0	\$0
75	RT	Software Limitation	PG&E	Fresno	2-Jun-11	0	No	INC	1	6:10	6:29	0.00	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
76	RT	Software Limitation	PG&E	Fresno	3-Jun-11	95	Yes	INC	5	13:15	17:29	39.03	\$771	\$217	(\$36,567)	\$0	\$0	\$0	\$0	\$0	\$0
77	RT	Software Limitation	PG&E	Fresno	5-Jun-11	49	Yes	INC	1	14:10	14:59	20.65	\$990	\$732	(\$753)	\$0	\$0	\$0	\$0	\$0	\$0
78	RT	Software Limitation	PG&E	Fresno	6-Jun-11	0	Yes	INC	5	19:50	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
79	RT	Software Limitation	PG&E	Fresno	8-Jun-11	0	No	DEC	2	22:55	23:14	3.64	\$0	\$0	\$15	\$0	\$0	\$0	\$0	\$0	\$0
80	RT	Software Limitation	PG&E	Fresno	8-Jun-11	83	No	INC	2	22:55	23:59	-86.86	\$0	\$0	(\$302)	\$0	\$0	\$0	\$0	\$0	\$0
81	RT	Software Limitation	PG&E	Fresno	9-Jun-11	320	No	INC	12	0:09	11:59	-524.01	\$37,178	\$3,277	\$6,576	\$0	\$0	\$0	\$0	\$0	\$0
82	RT	Software Limitation	PG&E	Fresno	15-Jun-11	0	No	INC	2	1:44	2:43	-31.00	\$0	\$0	(\$1)	\$0	\$0	\$0	\$0	\$0	\$0
83	RT	Software Limitation	PG&E	Fresno	20-Jun-11	0	No	INC	1	6:30	6:59	0.00	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
84	RT	Software Limitation	PG&E	Fresno	22-Jun-11	50	No	DEC	3	12:50	14:49	-87.90	\$0	\$0	\$2,876	\$0	\$0	\$0	\$0	\$0	\$0
85	RT	Software Limitation	PG&E	Fresno	22-Jun-11	46- 320	No	INC	5	10:00	14:49	-68.96	\$2,971	\$1,988	\$1,658	\$0	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
86	RT	Software Limitation	PG&E	Fresno	26-Jun-11	0	No	INC	1	23:21	23:58	34.58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
87	RT	Software Limitation	PG&E	Fresno	30-Jun-11	175	Yes	INC	8	10:35	17:09	162.73	\$6,640	\$1,264	(\$53,594)	\$0	\$0	\$0	\$0	\$0	\$0
88	RT	Software Limitation	PG&E	N/A	19-Jun-11	147- 380	No	INC	1	20:00	20:41	102.38	\$2,602	\$0	(\$5,713)	\$0	\$0	\$0	\$0	\$0	\$0
89	RT	Software Limitation	PG&E	N/A	20-Jun-11	299	No	INC	1	23:25	23:34	94.70	\$3,100	\$0	(\$26,841)	\$13	(\$481)	\$0	\$0	\$0	\$0
90	RT	Software Limitation	PG&E	N/A	21-Jun-11	52	No	INC	1	8:57	8:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
91	RT	Software Limitation	PG&E	N/A	22-Jun-11	457- 480	No	INC	3	10:00	12:49	-227.71	\$21,459	\$6,514	\$6,460	\$0	\$0	\$0	\$0	\$0	\$0
92	RT	Software Limitation	PG&E	N/A	24-Jun-11	97- 147	No	INC	2	13:00	14:47	32.21	\$6,142	\$0	(\$903)	\$0	\$0	\$0	\$0	\$0	\$0
93	RT	Software Limitation	PG&E	N/A	30-Jun-11	0	No	INC	1	23:05	23:59	11.67	\$0	\$0	(\$451)	\$0	\$0	\$0	\$0	\$0	\$0
94	RT	Software Limitation	PG&E	Stockton	5-Jun-11	22	Yes	INC	1	14:10	14:59	13.10	\$0	\$0	(\$467)	\$0	\$0	\$0	\$0	\$0	\$0
95	RT	Software Limitation	PG&E	Stockton	30-Jun-11	22	Yes	INC	2	10:35	11:24	17.93	\$0	\$0	(\$5,767)	\$0	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	SCE	Big Creek-Ventura	1-Jun-11	0	No	INC	1	22:10	22:39	0.00	\$0	\$50	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
97	RT	Software Limitation	SCE	Big Creek-Ventura	3-Jun-11	174	Yes	INC	7	13:15	19:34	70.63	\$1,182	\$135	(\$62,765)	\$0	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	SCE	Big Creek-Ventura	5-Jun-11	174	Yes	INC	4	14:10	17:14	68.38	\$3,545	\$184	(\$3,481)	\$1	(\$93)	\$0	(\$3)	\$0	\$0
99	RT	Software Limitation	SCE	Big Creek-Ventura	20-Jun-11	20	Yes	INC	1	23:00	23:59	21.25	\$2,849	\$890	(\$3,308)	\$0	\$0	\$0	\$0	\$0	\$0
100	RT	Software Limitation	SCE	Big Creek-Ventura	21-Jun-11	20	Yes	INC	20	0:00	19:59	455.88	\$55,078	\$0	(\$28,289)	\$0	\$0	\$0	\$0	\$0	\$0
101	RT	Software Limitation	SCE	Big Creek-Ventura	22-Jun-11	9- 121	Yes	DEC	2	14:30	15:59	-24.45	\$0	\$0	\$1,017	\$0	(\$5)	\$0	\$0	\$0	\$0
102	RT	Software Limitation	SCE	Big Creek-Ventura	22-Jun-11	0	Yes	INC	1	15:00	15:49	-15.81	\$0	\$0	\$692	\$0	(\$5)	\$0	\$0	\$0	\$0
103	RT	Software Limitation	SCE	Big Creek-Ventura	30-Jun-11	174	Yes	INC	4	10:35	13:19	99.89	\$3,545	\$254	(\$38,704)	\$1	(\$123)	\$0	\$0	\$0	\$0
104	RT	Software Limitation	SCE	LA Basin	1-Jun-11	0	No	INC	10	13:00	22:59	2.50	\$300	\$310	(\$98)	\$0	\$0	\$0	\$0	\$0	\$0
105	RT	Software Limitation	SCE	LA Basin	3-Jun-11	201	Yes	INC	21	0:35	20:39	139.12	\$3,158	\$1,596	(\$129,233)	\$0	\$0	\$0	\$0	\$0	\$0
106	RT	Software Limitation	SCE	LA Basin	5-Jun-11	189	Yes	INC	10	14:10	23:59	125.35	\$8,357	\$727	(\$5,360)	\$0	\$0	\$0	\$0	\$0	\$0
107	RT	Software Limitation	SCE	LA Basin	6-Jun-11	0	Yes	INC	1	23:00	23:59	0.00	\$0	\$2	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
108	RT	Software Limitation	SCE	LA Basin	9-Jun-11	0	No	INC	15	0:15	14:14	0.21	\$0	\$0	(\$2)	\$0	\$0	\$0	\$0	\$0	\$0
109	RT	Software Limitation	SCE	LA Basin	11-Jun-11	0	No	INC	1	15:00	15:34	-65.00	\$0	\$0	\$344	\$0	\$0	\$0	\$0	\$0	\$0
110	RT	Software Limitation	SCE	LA Basin	15-Jun-11	0	Yes	INC	2	16:35	17:04	3.33	\$0	\$0	(\$155)	\$0	\$0	\$0	\$0	\$0	\$0
111	RT	Software Limitation	SCE	LA Basin	16-Jun-11	159- 225	No	DEC	4	20:00	23:59	-817.52	\$0	\$0	\$9,775	(\$473)	\$0	\$3,091	\$0	\$0	\$0
112	RT	Software Limitation	SCE	LA Basin	16-Jun-11	0	Yes	INC	1	9:30	9:59	0.00	\$0	\$151	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
113	RT	Software Limitation	SCE	LA Basin	17-Jun-11	0	No	INC	20	0:00	19:59	-9.38	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
114	RT	Software Limitation	SCE	LA Basin	19-Jun-11	20	Yes	INC	1	23:00	23:59	36.91	\$2,815	\$0	(\$605)	\$0	\$0	\$0	\$0	\$0	\$0
115	RT	Software Limitation	SCE	LA Basin	20-Jun-11	70	No	INC	1	8:42	8:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
116	RT	Software Limitation	SCE	LA Basin	21-Jun-11	10- 80	No	INC	5	19:00	23:59	23.12	\$0	\$0	(\$1,000)	\$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
117	RT	Software Limitation	SCE	LA Basin	24-Jun-11	91- 193	No	DEC	16	8:00	23:59	2,045.9 2	\$0	\$0	\$356	(\$2,036)	\$0	(\$477)	\$0	\$0	\$0
118	RT	Software Limitation	SCE	LA Basin	27-Jun-11	130	Yes	INC	2	13:50	14:34	142.24	\$4,640	\$7,192	(\$6,534)	\$0	\$0	\$0	\$0	\$0	\$0
119	RT	Software Limitation	SCE	LA Basin	29-Jun-11	20	Yes	INC	7	17:00	23:59	444.44	\$27,363	\$21,846	(\$17,37 9)	\$105	(\$3,373)	\$0	\$0	\$0	\$0
120	RT	Software Limitation	SCE	LA Basin	30-Jun-11	20- 320	Yes	INC	23	1:00	23:59	2,623.3 3	\$95,927	\$883	(\$170,6 18)	\$0	(\$4)	\$0	\$0	\$0	\$0
121	RT	Software Limitation	SCE	N/A	4-Jun-11	120	Yes	INC	2	20:28	21:55	153.80	\$8,488	\$2,731	(\$7,228)	\$26	(\$1,213)	\$0	\$0	\$0	\$0
122	RT	Software Limitation	SCE	N/A	22-Jun-11	51	Yes	DEC	2	12:54	13:09	-9.10	\$0	\$0	\$279	\$0	\$0	\$0	\$0	\$0	\$0
123	RT	Software Limitation	SDG&E	N/A	28-Jun-11	5- 455	No	INC	18	6:20	23:59	54.87	\$0	\$0	(\$6,329)	\$0	\$0	\$0	\$0	\$0	\$0
124	RT	Software Limitation	SDG&E	San Diego	3-Jun-11	72	Yes	INC	4	13:15	16:29	41.53	\$909	\$101	(\$38,36 6)	\$0	\$0	\$0	\$0	\$0	\$0
125	RT	Software Limitation	SDG&E	San Diego	4-Jun-11	0	Yes	INC	2	0:15	1:39	3.20	\$0	\$0	(\$93)	\$0	\$0	\$0	\$0	\$0	\$0
126	RT	Software Limitation	SDG&E	San Diego	5-Jun-11	72	Yes	INC	10	14:10	23:14	41.13	\$1,927	\$222	(\$1,538)	\$0	\$0	\$0	\$0	\$0	\$0
127	RT	Software Limitation	SDG&E	San Diego	20-Jun-11	276	No	INC	1	23:25	23:39	93.63	\$0	\$0	(\$27,00 7)	\$40	(\$1,785)	\$0	\$0	\$0	\$0
128	RT	Software Limitation	SDG&E	San Diego	30-Jun-11	72	Yes	INC	12	10:35	21:04	57.72	\$2,879	\$209	(\$20,26 2)	\$0	(\$6)	\$0	\$0	\$0	\$0
129	RT	SP26 Capacity	SCE	Big Creek- Ventura	20-Jun-11	20	Yes	INC	12	9:00	20:59	385.56	\$34,186	\$10,680	(\$25,03 5)	\$114	(\$5,910)	\$0	(\$2,680)	\$0	\$0
130	RT	SP26 Capacity	SCE	LA Basin	6-Jun-11	20- 180	Yes	INC	24	0:00	23:59	3,569.4 6	\$166,754	\$18,378	(\$155,3 16)	\$0	\$0	\$0	\$0	\$0	\$0
131	RT	SP26 Capacity	SCE	LA Basin	7-Jun-11	20- 40	Yes	INC	24	0:00	23:59	944.95	\$120,023	\$34,730	(\$28,56 9)	\$0	\$0	\$0	\$0	\$0	\$0
132	RT	SP26 Capacity	SCE	LA Basin	8-Jun-11	20	Yes	INC	24	0:00	23:59	620.44	\$70,258	\$0	(\$11,68 4)	\$124	(\$6,826)	\$0	\$0	\$0	\$0
133	RT	SP26 Capacity	SCE	LA Basin	13-Jun-11	20	Yes	INC	24	0:00	23:59	482.99	\$70,258	\$0	(\$9,455)	\$0	\$0	\$0	\$0	\$0	\$0
134	RT	SP26 Capacity	SCE	LA Basin	15-Jun-11	25- 70	Yes	INC	21	3:00	23:59	2,256.0 9	\$167,542	\$100,42 7	(\$98,96 8)	\$879	(\$66,49 5)	\$0	\$0	\$0	\$0
135	RT	SP26 Capacity	SCE	LA Basin	18-Jun-11	176	No	DEC	5	16:05	20:59	-116.12	\$0	\$0	\$4,580	\$0	\$0	\$0	\$0	\$0	\$0
136	RT	SP26 Capacity	SCE	LA Basin	18-Jun-11	20- 360	Yes	INC	17	7:00	23:59	1,779.9 9	\$49,766	\$34,730	(\$49,92 0)	\$1,368	(\$32,28 9)	\$0	(\$21,60 9)	\$0	\$0
137	RT	SP26 Capacity	SCE	LA Basin	19-Jun-11	20- 210	Yes	INC	24	0:00	23:59	3,337.6 2	\$154,301	\$0	(\$141,4 82)	\$493	(\$6,779)	\$0	(\$15,47 5)	\$0	\$0
138	RT	SP26 Capacity	SCE	LA Basin	20-Jun-11	20- 70	Yes	INC	24	0:00	23:59	3,763.2 1	\$198,882	\$49,528	(\$282,9 55)	\$230	(\$9,073)	\$0	(\$1,376)	\$0	\$0
139	RT	SP26 Capacity	SCE	LA Basin	21-Jun-11	20- 40	Yes	INC	24	0:00	23:59	2,111.0 0	\$127,923	\$0	(\$111,6 39)	\$0	\$0	\$0	\$0	\$0	\$0
140	RT	SP26 Capacity	SCE	LA Basin	22-Jun-11	40	Yes	INC	24	0:00	23:59	2,283.8 5	\$164,074	\$0	(\$89,83 6)	\$918	(\$43,25 3)	\$0	\$0	\$0	\$0
141	RT	SP26 Capacity	SCE	LA Basin	28-Jun-11	10	Yes	INC	24	0:00	23:59	606.61	\$53,712	\$0	(\$32,58 8)	\$0	\$0	\$0	\$0	\$0	\$0
142	RT	System Capacity	PG&E	Fresno	14-Jun-11	111	No	INC	2	8:45	9:09	31.63	\$753	\$527	(\$1,957)	\$14	(\$481)	\$0	(\$310)	\$0	\$0
143	RT	System Capacity	SCE	LA Basin	23-Jun-11	20	Yes	INC	24	0:00	23:59	495.17	\$70,258	\$0	(\$9,048)	\$0	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
144	RT	System Energy	N/A	N/A	2-Jun-11	200	No	DEC	1	2:00	2:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
145	RT	System Energy	N/A	N/A	3-Jun-11	498	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
146	RT	System Energy	N/A	N/A	8-Jun-11	500	Yes	INC	1	21:00	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
147	RT	System Energy	N/A	N/A	11-Jun-11	0	Yes	INC	1	20:00	20:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
148	RT	System Energy	N/A	N/A	13-Jun-11	275	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
149	RT	System Energy	N/A	N/A	14-Jun-11	200- 257	No	INC	12	6:00	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
150	RT	System Energy	N/A	N/A	17-Jun-11	100	Yes	INC	1	19:00	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
151	RT	System Energy	N/A	N/A	30-Jun-11	76- 155	No	DEC	12	2:00	13:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
152	RT	System Energy	N/A	N/A	30-Jun-11	60- 550	No	INC	12	2:00	13:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
153	RT	System Reliability	N/A	N/A	16-Jun-11	350	No	DEC	1	10:35	10:44	-86.22	\$0	\$0	\$183	(\$22)	\$0	\$19	\$0	\$0	\$0
154	RT	System Reliability	N/A	N/A	18-Jun-11	147- 197	Yes	INC	2	17:00	18:29	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
155	RT	System Reliability	N/A	N/A	30-Jun-11	205- 351	No	DEC	2	10:36	11:29	-87.42	\$0	\$0	(\$11,390)	(\$109)	\$0	\$1,503	\$0	\$0	\$0
156	RT	System Reliability	PG&E	Bay Area	30-Jun-11	600	No	INC	1	11:00	11:03	-87.13	\$2,570	\$0	\$83,236	\$0	\$0	\$0	\$0	\$0	\$0
157	RT	System Reliability	PG&E	Fresno	1-Jun-11	83- 725	No	INC	3	18:08	20:29	471.16	\$0	\$0	(\$188,079)	\$64	(\$2,493)	\$0	(\$1,351)	\$0	\$0
158	RT	System Reliability	PG&E	Fresno	5-Jun-11	320	No	INC	1	14:18	14:20	9.01	\$0	\$0	(\$300)	\$0	\$0	\$0	\$0	\$0	\$0
159	RT	System Reliability	PG&E	Fresno	30-Jun-11	648	No	INC	2	10:34	11:29	579.76	\$0	\$0	(\$160,451)	\$350	(\$33,631)	\$0	(\$20,648)	\$0	\$0
160	RT	System Reliability	PG&E	N/A	18-Jun-11	197	No	INC	2	16:45	17:11	130.33	\$6,199	\$612	(\$2,618)	\$25	(\$489)	\$0	\$0	\$0	\$0
161	RT	System Reliability	SCE	Big Creek-Ventura	1-Jun-11	54- 184	No	INC	3	18:10	20:14	344.66	\$13,426	\$515	(\$80,366)	\$58	(\$674)	\$0	(\$3,180)	\$0	\$0
162	RT	System Reliability	SCE	Big Creek-Ventura	16-Jun-11	125	No	DEC	1	10:35	10:44	-17.52	\$0	\$0	\$29	(\$8)	\$0	\$0	\$0	\$0	\$0
163	RT	System Reliability	SCE	LA Basin	1-Jun-11	186	No	INC	5	18:10	22:54	286.05	\$9,330	\$506	(\$81,195)	\$27	(\$277)	\$0	(\$708)	\$0	\$0
164	RT	System Reliability	SCE	LA Basin	29-Jun-11	300	No	INC	2	0:15	1:19	355.11	\$11,828	\$0	(\$84,101)	\$0	\$0	\$0	\$0	\$0	\$0
165	RT	System Reliability	SCE	LA Basin	30-Jun-11	600	No	INC	2	10:56	11:11	-68.25	\$5,459	\$0	\$35,392	\$0	\$0	\$0	\$0	\$0	\$0
166	RT	System Reliability	SDG&E	N/A	5-Jun-11	180- 185	No	DEC	3	16:25	18:39	-393.85	\$0	\$0	\$8,952	(\$394)	\$0	\$9,059	\$0	\$0	\$0
167	RT	T-129	PG&E	Fresno	7-Jun-11	0	Yes	INC	1	23:50	23:59	-0.99	\$0	\$0	(\$36)	\$0	\$0	\$0	\$0	\$0	\$0
168	RT	T-129	PG&E	Fresno	8-Jun-11	5- 7	Yes	DEC	24	0:00	23:59	-131.71	\$0	\$0	\$1,386	(\$124)	\$0	\$1,415	\$0	(\$1,463)	\$0
169	RT	T-129	PG&E	Fresno	8-Jun-11	75	Yes	INC	2	0:00	1:59	51.41	\$0	\$0	\$7	\$0	\$0	\$0	\$0	\$0	\$0
170	RT	T-129	PG&E	Fresno	9-Jun-11	28	Yes	INC	18	6:15	23:59	64.04	\$0	\$0	(\$1,136)	\$0	\$0	\$0	\$0	\$0	\$0
171	RT	T-129	PG&E	Fresno	16-Jun-11	310	No	INC	4	2:25	5:59	620.00	\$0	\$0	\$5	\$0	\$0	\$0	\$0	\$0	\$0
172	RT	T-129	PG&E	Fresno	17-Jun-11	310	No	INC	3	0:25	2:14	258.33	\$0	\$0	\$1,699	\$0	\$0	\$0	\$0	\$0	\$0
173	RT	T-129	PG&E	Fresno	18-Jun-11	310	No	INC	9	0:35	8:30	1,537.08	\$0	\$0	(\$7,666)	\$0	\$0	\$0	\$0	\$0	\$0
174	RT	T-129	PG&E	Fresno	19-Jun-11	310	No	INC	7	0:50	6:59	1,860.00	\$0	\$0	(\$31,216)	\$0	\$0	\$0	\$0	\$0	\$0
175	RT	T-129	PG&E	Fresno	23-Jun-11	310	No	INC	2	0:00	1:03	317.75	\$0	\$0	(\$844)	\$0	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
176	RT	T-129	PG&E	Fresno	29-Jun-11	5	Yes	INC	1	15:18	15:59	4.77	\$0	\$0	\$9	\$0	\$0	\$0	\$0	\$0	\$0
177	RT	T-132	SDG&E	N/A	17-Jun-11	245	No	DEC	2	17:10	18:09	-209.12	\$0	\$0	\$4,189	(\$208)	\$0	\$4,163	\$0	\$0	\$0
178	RT	T-132	SDG&E	N/A	20-Jun-11	50- 172	Yes	DEC	6	16:08	21:59	-682.65	\$0	\$0	\$24,312	(\$632)	\$0	\$20,114	\$0	\$0	\$0
179	RT	T-132	SDG&E	N/A	20-Jun-11	130	Yes	INC	6	16:35	21:59	30.12	\$0	\$0	(\$1,282)	\$0	\$0	\$0	\$0	\$0	\$0
180	RT	T-132	SDG&E	San Diego	17-Jun-11	338- 621	No	INC	2	17:15	18:09	104.83	\$0	\$0	(\$3,331)	\$59	(\$1,878)	\$0	(\$642)	\$0	\$0
181	RT	T-133	PG&E	Bay Area	19-Jun-11	256	Yes	INC	2	22:00	23:59	658.48	\$46,546	\$0	(\$16,261)	\$26	(\$631)	\$0	\$0	(\$638)	\$0
182	RT	T-133	PG&E	Bay Area	20-Jun-11	210	Yes	INC	1	0:00	0:04	35.00	\$2,646	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0
183	RT	T-138	PG&E	Humboldt	19-Jun-11	29	No	INC	1	19:40	19:59	3.53	\$410	\$0	(\$293)	\$0	\$0	\$0	\$0	\$0	\$0
184	RT	T-138	PG&E	Humboldt	20-Jun-11	48	No	INC	1	19:08	19:59	14.59	\$2,461	\$0	(\$606)	\$1	(\$29)	\$0	\$0	(\$1)	\$0
185	RT	T-138	PG&E	Humboldt	21-Jun-11	32- 48	No	INC	24	0:00	23:59	588.88	\$31,637	\$0	(\$16,376)	\$121	(\$2,346)	\$0	\$0	(\$2,327)	\$0
186	RT	T-138	PG&E	Humboldt	22-Jun-11	32- 45	No	INC	23	1:40	23:59	98.35	\$9,640	\$0	(\$1,780)	\$36	(\$663)	\$0	\$0	(\$636)	\$0
187	RT	T-138	PG&E	Humboldt	23-Jun-11	96- 128	No	INC	24	0:00	23:59	731.00	\$38,656	\$0	(\$10,917)	\$285	(\$3,448)	\$0	\$0	(\$6,966)	\$0
188	RT	T-138	PG&E	Humboldt	24-Jun-11	96	No	INC	14	4:55	17:59	411.49	\$33,433	\$99	(\$19,019)	\$142	(\$2,461)	\$0	\$0	(\$2,658)	\$0
189	RT	T-138	PG&E	Humboldt	27-Jun-11	16- 48	No	INC	16	6:21	21:59	254.04	\$12,710	\$98	(\$12,190)	\$30	(\$691)	\$0	\$0	(\$329)	\$0
190	RT	T-167	PG&E	N/A	17-Jun-11	39	No	INC	1	23:45	23:49	2.16	\$0	\$0	(\$54)	\$0	\$0	\$0	\$0	\$0	\$0
191	RT	T-167	PG&E	N/A	18-Jun-11	5- 10	No	DEC	24	0:00	23:59	-337.37	\$0	\$0	\$7,914	(\$141)	\$0	\$4,722	\$0	(\$4,471)	\$0
192	RT	T-167	PG&E	N/A	18-Jun-11	17- 22	No	INC	13	0:00	12:29	-125.56	\$0	\$0	\$67	\$0	\$0	\$0	\$0	\$0	\$0
193	RT	T-167	PG&E	N/A	19-Jun-11	17	No	INC	24	0:00	23:59	23.54	\$0	\$0	(\$1,585)	\$0	\$0	\$0	\$0	\$0	\$0
194	RT	T-167	PG&E	N/A	20-Jun-11	10- 15	No	DEC	24	0:00	23:59	-204.38	\$0	\$0	\$14,220	(\$198)	\$0	\$13,958	\$0	(\$13,311)	\$0
195	RT	T-167	PG&E	N/A	20-Jun-11	12- 17	No	INC	18	0:00	17:49	-0.34	\$0	\$0	\$15	\$0	\$0	\$0	\$0	\$0	\$0
196	RT	T-167	PG&E	N/A	21-Jun-11	5- 10	No	DEC	14	10:45	23:59	-75.57	\$0	\$0	\$4,102	(\$73)	\$0	\$3,907	\$0	(\$3,233)	\$0
197	RT	T-167	PG&E	N/A	21-Jun-11	20- 54	No	INC	24	0:00	23:59	40.39	\$0	\$0	(\$3,103)	\$0	\$0	\$0	\$0	\$0	\$0
198	RT	T-167	PG&E	N/A	22-Jun-11	10	No	DEC	17	0:00	16:59	-105.73	\$0	\$0	\$3,464	(\$89)	\$0	\$2,921	\$0	(\$2,856)	\$0
199	RT	T-167	PG&E	N/A	22-Jun-11	20- 29	No	INC	17	0:00	16:59	216.58	\$0	\$0	(\$2,123)	\$0	\$0	\$0	\$0	\$0	\$0
200	RT	T-167	PG&E	N/A	24-Jun-11	40	No	DEC	2	9:15	10:59	-12.31	\$0	\$0	\$5,580	(\$6)	\$0	\$2,897	\$0	(\$2,897)	\$0
201	RT	T-167	PG&E	N/A	28-Jun-11	32- 146	No	DEC	3	9:35	11:41	-92.94	\$0	\$0	\$1,954	(\$73)	\$0	\$1,102	\$0	(\$1,522)	\$0
202	RT	T-167	PG&E	Stockton	8-Jun-11	60	Yes	INC	1	8:35	8:59	31.67	\$0	\$0	(\$795)	\$0	\$0	\$0	\$0	\$0	\$0
203	RT	T-167	PG&E	Stockton	14-Jun-11	13- 83	No	DEC	18	6:20	23:59	-667.52	\$0	\$0	\$25,702	(\$636)	\$0	\$24,995	\$0	(\$24,783)	\$0
204	RT	T-167	PG&E	Stockton	14-Jun-11	10- 157	No	INC	8	16:50	23:59	403.86	\$0	\$0	(\$14,367)	\$0	\$0	\$0	\$0	\$0	\$0
205	RT	T-170	SCE	LA Basin	21-Jun-11	35- 42	Yes	INC	6	14:44	19:59	263.86	\$17,600	\$1,500	(\$34,070)	\$37	(\$3,202)	\$0	\$0	(\$1,359)	\$0
206	RT	Transmission Mitigation	PG&E	Stockton	19-Jun-11	55	No	INC	3	4:40	6:59	72.25	\$0	\$0	(\$2,915)	\$0	\$0	\$0	\$0	\$0	\$0
207	RT	Transmission Mitigation	PG&E	Stockton	29-Jun-11	15- 20	No	INC	1	0:25	0:59	14.50	\$0	\$0	(\$4,786)	\$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
208	RT	Transmission Outage Other	PG&E	N/A	2-Jun-11	3- 5	Yes	DEC	4	10:42	13:59	-12.18	\$0	\$0	\$42	(\$13)	\$0	\$42	\$0	(\$42)	\$0
209	RT	Transmission Outage PG&E	N/A	N/A	20-Jun-11	1	No	DEC	12	12:15	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	RT	Transmission Outage PG&E	N/A	N/A	20-Jun-11	32- 108	Yes	INC	17	7:10	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
211	RT	Transmission Outage PG&E	N/A	N/A	29-Jun-11	16	Yes	INC	11	7:30	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
212	RT	Transmission Outage PG&E	N/A	N/A	30-Jun-11	16- 64	Yes	INC	4	7:50	10:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
213	RT	Transmission Outage PG&E	PG&E	Humboldt	13-Jun-11	80- 112	No	INC	19	5:45	23:59	897.97	\$66,717	\$0	(\$23,036)	\$251	(\$5,233)	\$0	\$0	(\$4,899)	\$0
214	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Jun-11	64- 96	No	INC	24	0:00	23:59	422.83	\$42,292	\$0	(\$11,988)	\$136	(\$2,539)	\$0	\$0	(\$2,658)	\$0
215	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Jun-11	16- 80	No	INC	24	0:00	23:59	250.85	\$13,805	\$87	(\$2,853)	\$101	(\$772)	\$0	\$0	(\$2,828)	\$0
216	RT	Transmission Outage PG&E	PG&E	Humboldt	16-Jun-11	16- 80	No	INC	24	0:00	23:59	409.98	\$20,547	\$0	(\$8,008)	\$93	(\$1,537)	\$0	\$0	(\$1,900)	\$0
217	RT	Transmission Outage PG&E	PG&E	Humboldt	17-Jun-11	80	No	INC	11	0:00	10:44	552.26	\$44,370	\$0	(\$2,727)	\$189	(\$866)	\$0	\$0	(\$6,218)	\$0
218	RT	Transmission Outage PG&E	PG&E	Humboldt	20-Jun-11	16- 76	No	INC	13	7:01	19:07	175.20	\$23,947	\$0	(\$8,062)	\$28	(\$841)	\$0	\$0	(\$237)	\$0
219	RT	Transmission Outage PG&E	PG&E	Humboldt	21-Jun-11	32- 80	No	INC	24	0:00	23:59	271.99	\$35,685	\$0	(\$3,011)	\$103	(\$2,378)	\$0	\$0	(\$1,693)	\$0
220	RT	Transmission Outage PG&E	PG&E	Humboldt	22-Jun-11	64- 112	No	INC	24	0:00	23:59	1,044.01	\$71,535	\$0	(\$19,414)	\$293	(\$3,968)	\$0	\$0	(\$6,663)	\$0
221	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Jun-11	16- 48	No	INC	16	6:21	21:59	287.42	\$17,633	\$98	(\$12,905)	\$46	(\$1,240)	\$0	\$0	(\$387)	\$0
222	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Jun-11	32- 48	No	INC	24	0:00	23:59	292.69	\$33,635	\$0	(\$12,045)	\$125	(\$3,063)	\$0	\$0	(\$1,549)	\$0
223	RT	Transmission Outage PG&E	PG&E	Humboldt	29-Jun-11	29- 73	No	INC	24	0:00	23:59	221.85	\$18,871	\$0	(\$11,329)	\$111	(\$2,273)	\$0	\$0	(\$2,119)	\$0
224	RT	Transmission Outage PG&E	PG&E	Humboldt	30-Jun-11	16- 29	No	INC	15	2:00	16:08	106.70	\$7,793	\$125	(\$5,254)	\$24	(\$350)	\$0	\$0	(\$584)	\$0
225	RT	Transmission Outage PG&E	PG&E	N/A	2-Jun-11	5	Yes	DEC	2	20:12	21:59	-10.95	\$0	\$0	\$229	(\$11)	\$0	\$218	\$0	(\$214)	\$0
226	RT	Transmission Outage PG&E	PG&E	N/A	3-Jun-11	10	Yes	DEC	1	10:04	10:54	-8.25	\$0	\$0	\$255	(\$7)	\$0	\$224	\$0	(\$210)	\$0
227	RT	Transmission Outage PG&E	PG&E	N/A	6-Jun-11	19- 29	No	DEC	6	10:32	15:24	-134.87	\$0	\$0	\$6,378	(\$114)	\$0	\$5,711	\$0	(\$5,948)	\$0
228	RT	Transmission Outage PG&E	PG&E	N/A	7-Jun-11	17- 46	No	DEC	6	10:32	15:51	-184.31	\$0	\$0	\$6,087	(\$99)	(\$213)	\$3,125	\$0	(\$3,750)	\$0
229	RT	Transmission Outage PG&E	PG&E	N/A	8-Jun-11	2	No	DEC	1	11:05	11:49	-1.42	\$0	\$0	\$42	(\$1)	\$0	\$41	\$0	(\$41)	\$0
230	RT	Transmission Outage PG&E	PG&E	NCNB	24-Jun-11	24- 54	No	DEC	6	6:26	11:09	-192.41	\$0	\$0	\$8,189	(\$177)	\$0	\$8,473	\$0	(\$13,648)	\$0
231	RT	Transmission Outage PG&E	PG&E	NCNB	27-Jun-11	20- 32	No	DEC	2	11:45	12:34	-21.94	\$0	\$0	\$838	(\$19)	\$0	\$719	\$0	(\$1,144)	\$0
232	RT	Transmission Outage PG&E	PG&E	Stockton	2-Jun-11	5- 50	No	INC	5	0:50	4:59	23.18	\$0	\$0	(\$146)	\$0	\$0	\$0	\$0	\$0	\$0
233	RT	Transmission Outage PG&E	PG&E	Stockton	7-Jun-11	4- 95	No	DEC	7	10:10	16:09	-244.00	\$0	\$0	\$8,037	(\$178)	\$0	\$5,803	\$0	(\$5,946)	\$0
234	RT	Transmission Outage PG&E	PG&E	Stockton	7-Jun-11	0- 6	No	INC	2	9:50	10:09	0.03	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0
235	RT	Transmission Outage PG&E	PG&E	Stockton	15-Jun-11	5- 15	No	DEC	1	4:25	4:47	-5.12	\$0	\$0	(\$36)	(\$4)	\$0	(\$18)	\$0	(\$43)	\$0
236	RT	Transmission Outage PG&E	PG&E	Stockton	21-Jun-11	83	Yes	INC	4	16:35	19:59	263.60	\$14,167	\$1,003	(\$9,149)	\$55	(\$1,775)	\$0	\$0	(\$933)	\$0
237	RT	Transmission Outage PG&E	PG&E	Stockton	22-Jun-11	5	No	DEC	2	15:18	16:14	-5.39	\$0	\$0	\$233	\$0	\$0	\$0	\$0	\$0	\$0
238	RT	Transmission Outage PG&E	PG&E	Stockton	22-Jun-11	30	No	INC	5	16:15	20:59	69.48	\$0	\$0	(\$2,669)	\$83	(\$3,054)	\$0	\$0	\$0	\$0
239	RT	Transmission Outage SDG&E	SDG&E	San Diego	13-Jun-11	15- 46	Yes	INC	5	10:23	14:59	128.42	\$8,870	\$833	(\$4,188)	\$38	(\$1,282)	\$0	\$0	(\$8,088)	\$0
240	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Jun-11	45- 91	Yes	INC	5	14:15	18:44	198.76	\$9,981	\$232	(\$6,560)	\$0	(\$2)	\$0	\$0	(\$1)	\$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
241	RT	Unit Testing	N/A	N/A	3-Jun-11	550- 600	No	INC	9	8:25	16:24	313.50	\$12,719	\$0	(\$10,085)	\$0	\$0	\$0	\$0	\$0	\$0
242	RT	Unit Testing	N/A	N/A	5-Jun-11	200	Yes	INC	1	4:00	4:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
243	RT	Unit Testing	PG&E	Fresno	5-Jun-11	255- 360	No	INC	5	5:00	9:24	1,167.08	\$14,390	\$6,134	(\$40,107)	\$140	(\$7,436)	\$0	\$0	\$0	\$0
244	RT	Unit Testing	PG&E	N/A	8-Jun-11	52	No	INC	1	7:05	7:09	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
245	RT	Unit Testing	PG&E	N/A	15-Jun-11	660	Yes	INC	13	11:00	23:59	1,449.35	\$15,891	\$80,771	(\$52,732)	\$792	(\$26,780)	\$0	\$0	\$0	\$0
246	RT	Unit Testing	PG&E	Stockton	8-Jun-11	0	Yes	INC	2	9:15	10:14	10.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
247	RT	Unit Testing	SCE	LA Basin	27-Jun-11	125	Yes	INC	18	6:00	23:59	2,257.17	\$32,436	\$30,281	(\$103,015)	\$1,355	(\$37,466)	\$0	\$0	\$0	\$0
248	RT	Unit Testing	SCE	LA Basin	28-Jun-11	200	Yes	INC	4	17:15	20:44	616.67	\$17,774	\$59,014	(\$18,740)	\$0	\$0	\$0	\$0	\$0	\$0
249	RT	Unit Testing	SCE	LA Basin	29-Jun-11	125	Yes	INC	12	6:00	17:59	1,498.34	\$46,908	\$37,451	(\$30,905)	\$1,250	(\$26,555)	\$0	\$0	\$0	\$0

Appendix A: Explanation by Example

All examples listed below are based on fictitious data. Many simplified assumptions are made to explain settlement charge codes, and not all assumptions are explicitly stated in these examples. For instance settlement charge codes are calculated based on metered quantities, whereas, in these examples the dispatch quantities are assumed to be equal to metered quantities. These assumptions have been made to simplify the understanding of settlements calculations.

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure 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 costs⁷. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

Table 2: Instructions Prior to Day-Ahead Market

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Reason	Total Volume (MWh)	Min-Load Cost	Start- Up Cost	CC6620 (BCR)
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	G-219	300	\$5000	\$0	0
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	G-219	390	\$6000	\$500	\$4000
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	G-219.	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

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

minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead however, the exceptional dispatches are nearly always just commitments, as in this example. The Begin Time column shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time column shows hour ending 23, as this was the hour with last dispatch. It is also possible that there might be some hours between the begin time and the end time where there might not be exceptional dispatch instructions for the given reason, meaning that the range between the begin time and end time can include null hours with no dispatch. The total volume (MWh) is the sum of MWh quantity for each resource, which adds up to 990 MWh. Similarly, all cost information is sum of individual resource costs. It is possible that some resources bid-in zero start-up cost; as seen in Table 2 of 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	G-219	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00	990	\$11,400	\$1,500	\$5000

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 are 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	T-138	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	T-138	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	T-138	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	T-138	50	0	0	300	20	300	0	0	200

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

Table 5: FERC Summary of ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	T-138	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	T-129	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
1-Jul-09	RT	B	PG&E	Fresno	7:00	9:00	40	60	No	DEC	20	T-129	(60)	\$ -	\$ -	\$ 600	-60	\$ -	\$ 600	\$ -	\$2,400
1-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	T-129	(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	T-129	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
2	RT	T-129	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	7:00	14:00	(110)	\$ -	\$ -	\$ (1,100)	\$ (110)	\$ -	\$ (1,100)	\$ -	\$ (4,400)

Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,640 five-minute intervals in June, this resource was issued exceptional dispatch instructions in 422 five-minute intervals. It was eligible to set the LMP in 223 of the 422 intervals. Resource calculated LMP was larger than the market LMP in 187 of the 223 intervals. In the 187 intervals, the average increase in five minute LMP was \$14.27/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 \$14.27/MWh. Note that 187 five minute intervals are approximately 2.16 percent of the total 8,640 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 8,640 five minute intervals, this resource was issued an exceptional dispatch instruction in 1890 five minute intervals. This resource was eligible to set the LMP in 1746 of the 1890 intervals. Out of the 1746 intervals, resource calculated LMP was larger than the market LMP in 1361 intervals. In the 1361 intervals, the average increase in five minute LMP was \$25.57/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 \$25.57/MWh. The 1361 five minute intervals account for approximately 15.75 percent of the total 8,640 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	8-Jun-11	8	2	-\$1.08	No	\$44.39	\$45.47
2	15-Jun-11	12	1	\$12.10	Yes	\$49.80	\$37.70
3	15-Jun-11	12	2	\$17.53	Yes	\$45.00	\$27.47
4	15-Jun-11	12	3	\$27.55	No	\$45.00	\$17.45
5	15-Jun-11	12	3	\$27.55	Yes	\$45.00	\$17.45
6	15-Jun-11	12	4	\$23.47	No	\$45.00	\$21.53
7	15-Jun-11	12	4	\$23.47	Yes	\$45.00	\$21.53
8	15-Jun-11	12	5	\$28.98	No	\$45.00	\$16.02
9	15-Jun-11	12	5	\$28.98	Yes	\$45.00	\$16.02
10	15-Jun-11	12	6	\$27.41	No	\$45.00	\$17.59
11	15-Jun-11	12	6	\$27.41	Yes	\$45.00	\$17.59
12	15-Jun-11	12	7	\$17.59	Yes	\$45.00	\$27.41
13	15-Jun-11	12	7	\$17.59	No	\$45.00	\$27.41
14	15-Jun-11	12	8	\$17.59	No	\$45.00	\$27.41
15	15-Jun-11	12	8	\$17.59	Yes	\$45.00	\$27.41
16	15-Jun-11	12	9	\$17.59	No	\$45.00	\$27.41
17	15-Jun-11	12	9	\$17.59	Yes	\$45.00	\$27.41
18	15-Jun-11	12	10	\$28.98	Yes	\$45.00	\$16.02
19	15-Jun-11	12	10	\$28.98	No	\$45.00	\$16.02
20	15-Jun-11	12	11	\$23.22	No	\$45.00	\$21.78
21	15-Jun-11	12	11	\$23.22	Yes	\$45.00	\$21.78
22	15-Jun-11	12	12	\$28.30	No	\$45.00	\$16.70
23	15-Jun-11	12	12	\$28.30	Yes	\$45.00	\$16.70
24	15-Jun-11	16	1	\$23.53	Yes	\$49.52	\$25.99
25	15-Jun-11	16	2	\$31.39	Yes	\$49.52	\$18.13
26	15-Jun-11	16	3	\$42.63	Yes	\$45.00	\$2.37
27	15-Jun-11	16	4	\$32.26	Yes	\$45.00	\$12.74
28	15-Jun-11	16	5	\$32.26	Yes	\$45.00	\$12.74
29	15-Jun-11	16	6	\$32.26	Yes	\$45.00	\$12.74
30	15-Jun-11	16	7	\$35.09	Yes	\$45.00	\$9.91
31	15-Jun-11	16	8	\$43.16	Yes	\$45.00	\$1.84
32	15-Jun-11	16	9	\$44.97	Yes	\$45.00	\$0.03
33	15-Jun-11	16	10	\$43.07	Yes	\$45.00	\$1.93
34	15-Jun-11	16	11	\$34.87	Yes	\$47.20	\$12.33
35	15-Jun-11	16	12	\$35.05	Yes	\$47.20	\$12.15
36	15-Jun-11	17	1	\$43.11	Yes	\$47.20	\$4.09
37	15-Jun-11	17	2	\$46.76	Yes	\$47.20	\$0.44
38	15-Jun-11	17	3	\$47.17	Yes	\$47.20	\$0.03
39	15-Jun-11	17	4	\$47.97	Yes	\$47.20	-\$0.77
40	15-Jun-11	17	5	\$48.40	Yes	\$47.20	-\$1.20
41	15-Jun-11	17	6	\$48.40	Yes	\$47.20	-\$1.20
42	15-Jun-11	17	7	\$42.76	Yes	\$47.20	\$4.44
43	15-Jun-11	17	8	\$47.03	Yes	\$47.20	\$0.17

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	15-Jun-11	17	9	\$46.42	Yes	\$47.20	\$0.78
45	15-Jun-11	17	10	\$35.00	Yes	\$47.20	\$12.20
46	15-Jun-11	17	11	\$35.00	Yes	\$47.20	\$12.20
47	15-Jun-11	17	12	\$35.00	Yes	\$47.20	\$12.20
48	15-Jun-11	18	1	\$34.90	Yes	\$47.20	\$12.30
49	15-Jun-11	18	2	\$31.67	Yes	\$47.20	\$15.53
50	15-Jun-11	18	3	\$30.55	Yes	\$47.20	\$16.65
51	15-Jun-11	18	4	\$30.35	Yes	\$47.20	\$16.85
52	15-Jun-11	18	5	\$30.35	Yes	\$47.20	\$16.85
53	15-Jun-11	18	6	\$30.57	Yes	\$47.20	\$16.63
54	15-Jun-11	18	7	\$30.51	Yes	\$47.20	\$16.69
55	15-Jun-11	18	8	\$30.51	Yes	\$47.20	\$16.69
56	15-Jun-11	18	9	\$30.22	Yes	\$47.20	\$16.98
57	15-Jun-11	18	10	\$43.66	Yes	\$47.20	\$3.54
58	15-Jun-11	18	11	\$40.37	Yes	\$47.20	\$6.83
59	15-Jun-11	18	12	\$31.03	Yes	\$47.20	\$16.17
60	15-Jun-11	19	1	\$40.38	Yes	\$47.20	\$6.82
61	15-Jun-11	19	2	\$43.18	Yes	\$47.20	\$4.02
62	15-Jun-11	19	3	\$47.22	Yes	\$47.20	-\$0.02
63	15-Jun-11	20	1	\$39.21	No	\$43.08	\$3.87
64	15-Jun-11	20	1	\$39.21	No	\$43.08	\$3.87
65	15-Jun-11	20	1	\$39.21	No	\$43.08	\$3.87
66	15-Jun-11	20	1	\$39.21	No	\$43.08	\$3.87
67	15-Jun-11	20	2	\$36.49	No	\$43.08	\$6.59
68	15-Jun-11	20	2	\$36.49	No	\$43.08	\$6.59
69	15-Jun-11	20	2	\$36.49	No	\$43.08	\$6.59
70	15-Jun-11	20	2	\$36.49	No	\$43.08	\$6.59
71	15-Jun-11	20	3	\$38.17	No	\$43.08	\$4.91
72	15-Jun-11	20	3	\$38.17	No	\$43.08	\$4.91
73	15-Jun-11	20	3	\$38.17	No	\$43.08	\$4.91
74	15-Jun-11	20	3	\$38.17	No	\$43.08	\$4.91
75	15-Jun-11	20	4	\$36.54	No	\$43.08	\$6.54
76	15-Jun-11	20	4	\$36.54	No	\$43.08	\$6.54
77	15-Jun-11	20	4	\$36.54	No	\$43.08	\$6.54
78	15-Jun-11	20	4	\$36.54	No	\$43.08	\$6.54
79	15-Jun-11	20	4	\$36.54	No	\$43.08	\$6.54
80	15-Jun-11	20	5	\$36.45	No	\$43.08	\$6.63
81	15-Jun-11	20	5	\$36.45	No	\$43.08	\$6.63
82	15-Jun-11	20	5	\$36.45	No	\$43.08	\$6.63
83	15-Jun-11	20	5	\$36.45	No	\$43.08	\$6.63
84	15-Jun-11	20	5	\$36.45	No	\$43.08	\$6.63
85	15-Jun-11	20	6	\$30.35	No	\$43.08	\$12.73
86	15-Jun-11	20	6	\$30.35	No	\$43.08	\$12.73
87	15-Jun-11	20	6	\$30.35	No	\$43.08	\$12.73
88	15-Jun-11	20	6	\$30.35	No	\$43.08	\$12.73

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	15-Jun-11	20	6	\$30.35	No	\$43.08	\$12.73
90	15-Jun-11	20	7	\$30.63	No	\$43.08	\$12.45
91	15-Jun-11	20	7	\$30.63	No	\$43.08	\$12.45
92	15-Jun-11	20	7	\$30.63	No	\$43.08	\$12.45
93	15-Jun-11	20	7	\$30.63	No	\$43.08	\$12.45
94	15-Jun-11	20	7	\$30.63	No	\$43.08	\$12.45
95	15-Jun-11	20	8	\$30.63	No	\$43.08	\$12.45
96	15-Jun-11	20	8	\$30.63	No	\$43.08	\$12.45
97	15-Jun-11	20	8	\$30.63	No	\$43.08	\$12.45
98	15-Jun-11	20	8	\$30.63	No	\$43.08	\$12.45
99	15-Jun-11	20	8	\$30.63	No	\$43.08	\$12.45
100	15-Jun-11	20	9	\$30.63	No	\$43.08	\$12.45
101	15-Jun-11	20	9	\$30.63	No	\$43.08	\$12.45
102	15-Jun-11	20	9	\$30.63	No	\$43.08	\$12.45
103	15-Jun-11	20	9	\$30.63	No	\$43.08	\$12.45
104	15-Jun-11	20	9	\$30.63	No	\$43.08	\$12.45
105	15-Jun-11	20	10	\$32.98	No	\$43.08	\$10.10
106	15-Jun-11	20	10	\$32.98	No	\$43.08	\$10.10
107	15-Jun-11	20	10	\$32.98	No	\$43.08	\$10.10
108	15-Jun-11	20	10	\$32.98	No	\$43.08	\$10.10
109	15-Jun-11	20	10	\$32.98	No	\$43.08	\$10.10
110	15-Jun-11	20	11	\$30.76	No	\$43.08	\$12.32
111	15-Jun-11	20	11	\$30.76	No	\$43.08	\$12.32
112	15-Jun-11	20	11	\$30.76	No	\$43.08	\$12.32
113	15-Jun-11	20	11	\$30.76	No	\$43.08	\$12.32
114	15-Jun-11	20	11	\$30.76	No	\$43.08	\$12.32
115	15-Jun-11	20	12	\$29.25	No	\$43.08	\$13.83
116	15-Jun-11	20	12	\$29.25	No	\$43.08	\$13.83
117	15-Jun-11	20	12	\$29.25	No	\$43.08	\$13.83
118	15-Jun-11	20	12	\$29.25	No	\$43.08	\$13.83
119	15-Jun-11	20	12	\$29.25	No	\$43.08	\$13.83
120	15-Jun-11	22	2	\$47.75	No	\$43.08	-\$4.67
121	15-Jun-11	22	3	\$35.80	No	\$43.08	\$7.28
122	15-Jun-11	22	4	\$31.62	No	\$43.08	\$11.46
123	15-Jun-11	22	5	\$31.25	No	\$43.08	\$11.83
124	15-Jun-11	22	6	\$30.32	No	\$43.08	\$12.76
125	15-Jun-11	22	7	\$30.13	No	\$43.08	\$12.95
126	15-Jun-11	22	8	\$28.03	No	\$43.08	\$15.05
127	15-Jun-11	22	9	\$23.62	No	\$43.08	\$19.46
128	15-Jun-11	22	10	\$12.27	No	\$43.08	\$30.81
129	15-Jun-11	22	11	\$0.58	No	\$43.08	\$42.50
130	15-Jun-11	22	12	\$0.01	No	\$43.08	\$43.07
131	15-Jun-11	23	1	\$52.42	No	\$43.08	-\$9.34
132	15-Jun-11	23	2	\$53.30	No	\$43.08	-\$10.22
133	15-Jun-11	23	3	\$39.43	No	\$43.08	\$3.65

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	15-Jun-11	23	4	\$39.54	No	\$43.08	\$3.54
135	15-Jun-11	23	5	\$44.21	No	\$43.08	-\$1.13
136	15-Jun-11	23	6	\$52.56	No	\$43.08	-\$9.48
137	15-Jun-11	23	7	\$37.57	No	\$43.08	\$5.51
138	15-Jun-11	23	8	\$33.63	No	\$43.08	\$9.45
139	15-Jun-11	23	9	\$31.00	No	\$43.08	\$12.08
140	15-Jun-11	23	10	\$0.45	No	\$43.08	\$42.63
141	15-Jun-11	23	11	-\$0.01	No	\$43.08	\$43.09
142	15-Jun-11	23	12	-\$0.04	No	\$43.08	\$43.12
143	15-Jun-11	24	1	\$37.32	No	\$43.28	\$5.96
144	15-Jun-11	24	2	\$37.32	No	\$43.28	\$5.96
145	15-Jun-11	24	3	\$37.32	No	\$43.28	\$5.96
146	15-Jun-11	24	4	\$0.01	No	\$43.28	\$43.27
147	15-Jun-11	24	5	\$53.24	No	\$43.28	-\$9.96
148	15-Jun-11	24	6	\$52.50	No	\$43.28	-\$9.22
149	15-Jun-11	24	7	\$32.53	No	\$43.28	\$10.75
150	15-Jun-11	24	8	\$33.57	No	\$43.28	\$9.71
151	15-Jun-11	24	9	\$39.60	No	\$43.28	\$3.68
152	15-Jun-11	24	10	\$0.01	No	\$43.28	\$43.27
153	15-Jun-11	24	11	\$36.30	No	\$43.28	\$6.98
154	15-Jun-11	24	12	\$92.36	No	\$43.28	-\$49.08
155	21-Jun-11	9	12	\$25.04	Yes	\$41.54	\$16.50
156	22-Jun-11	13	4	\$30.33	Yes	\$44.69	\$14.36
157	22-Jun-11	13	5	\$31.69	Yes	\$44.69	\$13.00
158	22-Jun-11	13	6	\$31.69	Yes	\$44.69	\$13.00
159	22-Jun-11	13	7	\$30.23	Yes	\$44.69	\$14.46
160	22-Jun-11	13	8	\$30.27	Yes	\$44.69	\$14.42
161	22-Jun-11	13	9	\$30.33	Yes	\$44.69	\$14.36
162	22-Jun-11	13	10	\$30.46	Yes	\$44.69	\$14.23
163	22-Jun-11	13	11	\$31.98	Yes	\$44.69	\$12.71
164	22-Jun-11	13	12	\$33.89	Yes	\$44.69	\$10.80
165	22-Jun-11	14	1	\$30.51	Yes	\$44.69	\$14.18
166	22-Jun-11	14	2	\$32.07	Yes	\$44.69	\$12.62
167	22-Jun-11	14	3	\$32.18	Yes	\$44.69	\$12.51
168	22-Jun-11	14	4	\$31.94	Yes	\$44.69	\$12.75
169	22-Jun-11	14	5	\$30.91	Yes	\$44.69	\$13.78
170	22-Jun-11	14	6	\$31.07	Yes	\$44.69	\$13.62
171	22-Jun-11	14	7	\$30.51	Yes	\$44.69	\$14.18
172	22-Jun-11	14	8	\$30.88	Yes	\$44.69	\$13.81
173	22-Jun-11	14	9	\$31.92	Yes	\$44.69	\$12.77
174	22-Jun-11	14	10	\$32.91	Yes	\$44.69	\$11.78
175	22-Jun-11	14	11	\$34.10	Yes	\$44.69	\$10.59
176	22-Jun-11	14	12	\$34.06	Yes	\$44.69	\$10.63
177	22-Jun-11	15	1	\$30.25	Yes	\$44.69	\$14.44
178	22-Jun-11	15	2	\$31.67	Yes	\$44.69	\$13.02

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	22-Jun-11	15	3	\$30.25	Yes	\$44.69	\$14.44
180	22-Jun-11	15	4	\$30.52	Yes	\$44.69	\$14.17
181	22-Jun-11	15	5	\$32.08	Yes	\$44.69	\$12.61
182	22-Jun-11	15	6	\$33.94	Yes	\$44.69	\$10.75
183	22-Jun-11	15	7	\$33.91	Yes	\$44.69	\$10.78
184	22-Jun-11	15	8	\$33.91	Yes	\$44.69	\$10.78
185	22-Jun-11	15	9	\$33.91	Yes	\$44.69	\$10.78
186	22-Jun-11	15	10	\$33.88	Yes	\$44.69	\$10.81
187	22-Jun-11	15	11	\$34.14	Yes	\$44.69	\$10.55
188	22-Jun-11	15	12	\$40.24	Yes	\$44.69	\$4.45
189	22-Jun-11	16	1	\$38.79	Yes	\$44.69	\$5.90
190	22-Jun-11	16	2	\$44.55	Yes	\$44.69	\$0.14
191	22-Jun-11	16	3	\$45.76	Yes	\$44.69	-\$1.07
192	22-Jun-11	16	4	\$45.68	Yes	\$44.69	-\$0.99
193	22-Jun-11	16	5	\$44.72	Yes	\$44.69	-\$0.03
194	22-Jun-11	16	6	\$44.71	Yes	\$44.69	-\$0.02
195	22-Jun-11	16	7	\$35.05	Yes	\$44.69	\$9.64
196	22-Jun-11	16	8	\$42.64	Yes	\$44.69	\$2.05
197	22-Jun-11	16	9	\$44.81	Yes	\$44.69	-\$0.12
198	22-Jun-11	16	10	\$45.60	Yes	\$44.69	-\$0.91
199	22-Jun-11	16	11	\$44.95	Yes	\$44.69	-\$0.26
200	22-Jun-11	16	12	\$40.52	Yes	\$44.69	\$4.17
201	22-Jun-11	17	1	\$45.17	Yes	\$44.69	-\$0.48
202	22-Jun-11	17	2	\$45.76	Yes	\$44.69	-\$1.07
203	22-Jun-11	17	3	\$46.07	Yes	\$44.69	-\$1.38
204	22-Jun-11	17	4	\$46.10	Yes	\$44.69	-\$1.41
205	22-Jun-11	17	5	\$45.76	Yes	\$44.69	-\$1.07
206	22-Jun-11	17	6	\$45.36	Yes	\$44.69	-\$0.67
207	22-Jun-11	17	7	\$42.92	Yes	\$44.69	\$1.77
208	22-Jun-11	17	8	\$44.70	Yes	\$44.69	-\$0.01
209	22-Jun-11	17	9	\$46.22	Yes	\$44.69	-\$1.53
210	22-Jun-11	17	10	\$52.79	Yes	\$44.69	-\$8.10
211	22-Jun-11	17	11	\$49.97	Yes	\$44.69	-\$5.28
212	22-Jun-11	17	12	\$50.37	Yes	\$44.69	-\$5.68
213	22-Jun-11	18	1	\$44.69	Yes	\$44.69	\$0.00
214	22-Jun-11	18	2	\$45.73	Yes	\$44.69	-\$1.04
215	22-Jun-11	18	3	\$39.42	Yes	\$44.69	\$5.27
216	22-Jun-11	18	4	\$38.97	Yes	\$44.69	\$5.72
217	22-Jun-11	18	5	\$38.97	Yes	\$44.69	\$5.72
218	22-Jun-11	18	6	\$34.36	Yes	\$44.69	\$10.33
219	22-Jun-11	18	7	\$34.24	Yes	\$44.69	\$10.45
220	22-Jun-11	18	8	\$34.24	Yes	\$44.69	\$10.45
221	22-Jun-11	18	9	\$33.93	Yes	\$44.69	\$10.76
222	22-Jun-11	18	10	\$33.70	Yes	\$44.69	\$10.99
223	22-Jun-11	18	11	\$32.18	Yes	\$44.69	\$12.51

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	22-Jun-11	18	12	\$30.74	Yes	\$44.69	\$13.95
225	22-Jun-11	19	1	\$32.15	Yes	\$44.69	\$12.54
226	22-Jun-11	19	2	\$34.81	Yes	\$44.69	\$9.88
227	22-Jun-11	19	3	\$35.25	Yes	\$44.69	\$9.44
228	22-Jun-11	19	4	\$35.72	Yes	\$44.69	\$8.97
229	22-Jun-11	19	5	\$34.98	Yes	\$44.69	\$9.71
230	22-Jun-11	19	6	\$38.58	Yes	\$44.69	\$6.11
231	22-Jun-11	19	7	\$40.93	Yes	\$44.69	\$3.76
232	22-Jun-11	19	8	\$45.75	Yes	\$44.69	-\$1.06
233	22-Jun-11	19	9	\$45.82	Yes	\$44.69	-\$1.13
234	22-Jun-11	19	10	\$41.21	Yes	\$44.69	\$3.48
235	22-Jun-11	19	11	\$35.36	Yes	\$44.69	\$9.33
236	22-Jun-11	19	12	\$32.77	Yes	\$44.69	\$11.92
237	22-Jun-11	20	1	\$33.63	Yes	\$44.69	\$11.06
238	22-Jun-11	20	2	\$32.49	Yes	\$44.69	\$12.20
239	22-Jun-11	20	3	\$33.06	Yes	\$44.69	\$11.63
240	22-Jun-11	20	4	\$34.42	Yes	\$44.69	\$10.27
241	22-Jun-11	20	5	\$32.40	Yes	\$44.69	\$12.29
242	22-Jun-11	20	6	\$32.60	Yes	\$44.69	\$12.09
243	22-Jun-11	20	7	\$30.55	Yes	\$44.69	\$14.14
244	22-Jun-11	20	8	\$30.55	Yes	\$44.69	\$14.14
245	22-Jun-11	20	9	\$30.55	Yes	\$44.69	\$14.14
246	22-Jun-11	20	10	\$30.63	Yes	\$44.69	\$14.06
247	22-Jun-11	20	11	\$30.63	Yes	\$44.69	\$14.06
248	22-Jun-11	20	12	\$30.26	Yes	\$44.69	\$14.43
249	22-Jun-11	21	1	\$30.61	Yes	\$44.69	\$14.08
250	22-Jun-11	21	2	\$30.61	Yes	\$44.69	\$14.08
251	22-Jun-11	21	3	\$18.15	Yes	\$44.69	\$26.54
252	22-Jun-11	21	4	\$21.68	Yes	\$44.69	\$23.01
253	22-Jun-11	21	5	\$25.88	Yes	\$44.69	\$18.81
254	22-Jun-11	21	6	\$28.07	Yes	\$44.69	\$16.62
255	22-Jun-11	21	7	\$26.59	Yes	\$44.69	\$18.10
256	22-Jun-11	21	8	\$30.22	Yes	\$44.69	\$14.47
257	22-Jun-11	21	9	\$25.89	Yes	\$44.69	\$18.80
258	22-Jun-11	21	10	\$25.91	Yes	\$44.69	\$18.78
259	22-Jun-11	21	11	\$25.91	Yes	\$44.69	\$18.78
260	22-Jun-11	21	12	\$18.15	Yes	\$44.69	\$26.54
261	27-Jun-11	11	7	\$27.67	Yes	\$42.26	\$14.59
262	27-Jun-11	11	8	\$27.67	Yes	\$42.26	\$14.59
263	27-Jun-11	11	9	\$28.59	Yes	\$42.26	\$13.67
264	27-Jun-11	11	10	\$29.15	Yes	\$42.26	\$13.11
265	27-Jun-11	11	11	\$30.57	Yes	\$42.26	\$11.69
266	27-Jun-11	11	12	\$31.56	Yes	\$42.26	\$10.70
267	27-Jun-11	12	1	\$42.02	No	\$42.26	\$0.24
268	27-Jun-11	12	2	\$40.09	No	\$42.26	\$2.17

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	27-Jun-11	12	3	\$31.00	No	\$42.26	\$11.26
270	27-Jun-11	12	4	\$33.41	No	\$42.26	\$8.85
271	27-Jun-11	12	5	\$31.57	No	\$42.26	\$10.69
272	27-Jun-11	12	6	\$33.56	No	\$42.26	\$8.70
273	27-Jun-11	12	7	\$33.35	No	\$42.26	\$8.91
274	27-Jun-11	12	8	\$40.30	No	\$42.26	\$1.96
275	27-Jun-11	12	9	\$41.29	No	\$42.26	\$0.97
276	27-Jun-11	12	10	\$40.71	No	\$42.26	\$1.55
277	27-Jun-11	12	11	\$40.07	No	\$42.26	\$2.19
278	27-Jun-11	12	12	\$41.56	No	\$42.26	\$0.70
279	27-Jun-11	13	1	\$30.89	No	\$43.00	\$12.11
280	27-Jun-11	13	2	\$32.57	No	\$43.00	\$10.43
281	27-Jun-11	13	3	\$40.69	No	\$43.00	\$2.31
282	27-Jun-11	13	4	\$32.49	No	\$43.00	\$10.51
283	27-Jun-11	13	5	\$38.57	No	\$43.00	\$4.43
284	27-Jun-11	13	6	\$42.15	No	\$43.00	\$0.85
285	27-Jun-11	13	7	\$42.28	No	\$43.00	\$0.72
286	27-Jun-11	13	8	\$42.28	No	\$43.00	\$0.72
287	27-Jun-11	13	9	\$42.28	No	\$43.00	\$0.72
288	27-Jun-11	13	10	\$38.93	No	\$43.00	\$4.07
289	27-Jun-11	13	11	\$42.12	No	\$43.00	\$0.88
290	27-Jun-11	13	12	\$43.70	No	\$43.00	-\$0.70
291	27-Jun-11	14	1	\$28.73	No	\$43.00	\$14.27
292	27-Jun-11	14	2	\$32.94	No	\$43.00	\$10.06
293	27-Jun-11	14	3	\$43.72	No	\$43.00	-\$0.72
294	27-Jun-11	14	4	\$32.73	No	\$43.00	\$10.27
295	27-Jun-11	14	5	\$32.73	No	\$43.00	\$10.27
296	27-Jun-11	14	6	\$32.73	No	\$43.00	\$10.27
297	27-Jun-11	14	7	\$46.52	No	\$43.00	-\$3.52
298	27-Jun-11	14	8	\$46.52	No	\$43.00	-\$3.52
299	27-Jun-11	14	9	\$46.52	No	\$43.00	-\$3.52
300	27-Jun-11	14	10	\$46.52	No	\$43.00	-\$3.52
301	27-Jun-11	14	11	\$44.36	No	\$43.00	-\$1.36
302	27-Jun-11	14	12	\$43.49	No	\$43.00	-\$0.49
303	27-Jun-11	15	1	\$43.40	No	\$43.00	-\$0.40
304	27-Jun-11	15	2	\$44.30	No	\$43.00	-\$1.30
305	27-Jun-11	15	3	\$43.92	No	\$43.00	-\$0.92
306	27-Jun-11	15	4	\$43.38	No	\$43.00	-\$0.38
307	27-Jun-11	15	5	\$43.52	No	\$43.00	-\$0.52
308	27-Jun-11	15	6	\$43.43	No	\$43.00	-\$0.43
309	27-Jun-11	15	7	\$43.03	No	\$43.00	-\$0.03
310	27-Jun-11	15	8	\$43.09	No	\$43.00	-\$0.09
311	27-Jun-11	15	9	\$43.09	No	\$43.00	-\$0.09
312	27-Jun-11	15	10	\$43.64	No	\$43.00	-\$0.64
313	27-Jun-11	15	11	\$43.60	No	\$43.00	-\$0.60

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
314	27-Jun-11	15	12	\$43.04	No	\$43.00	-\$0.04
315	27-Jun-11	16	1	\$41.74	No	\$43.00	\$1.26
316	27-Jun-11	16	2	\$42.69	No	\$43.00	\$0.31
317	27-Jun-11	16	3	\$43.08	No	\$43.00	-\$0.08
318	27-Jun-11	16	4	\$44.19	No	\$43.00	-\$1.19
319	27-Jun-11	16	5	\$44.19	No	\$43.00	-\$1.19
320	27-Jun-11	16	6	\$44.19	No	\$43.00	-\$1.19
321	27-Jun-11	16	7	\$44.18	No	\$43.00	-\$1.18
322	27-Jun-11	16	8	\$44.41	No	\$43.00	-\$1.41
323	27-Jun-11	16	9	\$44.41	No	\$43.00	-\$1.41
324	27-Jun-11	16	10	\$43.56	No	\$43.00	-\$0.56
325	27-Jun-11	16	11	\$42.86	No	\$43.00	\$0.14
326	27-Jun-11	16	12	\$43.08	No	\$43.00	-\$0.08
327	27-Jun-11	17	1	\$37.77	No	\$43.00	\$5.23
328	27-Jun-11	17	2	\$42.67	No	\$43.00	\$0.33
329	27-Jun-11	17	3	\$43.15	No	\$43.00	-\$0.15
330	27-Jun-11	17	4	\$43.16	No	\$43.00	-\$0.16
331	27-Jun-11	17	5	\$43.65	No	\$43.00	-\$0.65
332	27-Jun-11	17	6	\$44.39	No	\$43.00	-\$1.39
333	27-Jun-11	17	7	\$43.06	No	\$43.00	-\$0.06
334	27-Jun-11	17	8	\$41.41	No	\$43.00	\$1.59
335	27-Jun-11	17	9	\$39.11	No	\$43.00	\$3.89
336	27-Jun-11	17	10	\$43.06	No	\$43.00	-\$0.06
337	27-Jun-11	17	11	\$41.78	No	\$43.00	\$1.22
338	27-Jun-11	17	12	\$37.63	No	\$43.00	\$5.37
339	27-Jun-11	18	1	\$39.37	No	\$43.00	\$3.63
340	27-Jun-11	18	2	\$40.70	No	\$43.00	\$2.30
341	27-Jun-11	18	3	\$43.30	No	\$43.00	-\$0.30
342	27-Jun-11	18	4	\$43.00	No	\$43.00	\$0.00
343	27-Jun-11	18	5	\$43.00	No	\$43.00	\$0.00
344	27-Jun-11	18	6	\$43.00	No	\$43.00	\$0.00
345	27-Jun-11	18	7	\$39.74	No	\$43.00	\$3.26
346	27-Jun-11	18	8	\$39.74	No	\$43.00	\$3.26
347	27-Jun-11	18	9	\$39.74	No	\$43.00	\$3.26
348	27-Jun-11	18	10	\$43.01	No	\$43.00	-\$0.01
349	27-Jun-11	18	11	\$43.01	No	\$43.00	-\$0.01
350	27-Jun-11	18	12	\$38.69	No	\$43.00	\$4.31
351	27-Jun-11	19	1	\$48.32	Yes	\$42.26	-\$6.06
352	27-Jun-11	19	2	\$43.24	Yes	\$42.26	-\$0.98
353	27-Jun-11	19	3	\$44.34	Yes	\$42.26	-\$2.08
354	27-Jun-11	19	4	\$45.39	Yes	\$42.26	-\$3.13
355	27-Jun-11	19	5	\$45.39	Yes	\$42.26	-\$3.13
356	27-Jun-11	19	6	\$44.38	Yes	\$42.26	-\$2.12
357	27-Jun-11	19	7	\$44.34	Yes	\$42.26	-\$2.08
358	27-Jun-11	19	8	\$44.34	Yes	\$42.26	-\$2.08

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	27-Jun-11	19	9	\$44.34	Yes	\$42.26	-\$2.08
360	27-Jun-11	19	10	\$44.32	Yes	\$42.26	-\$2.06
361	27-Jun-11	19	11	\$43.00	Yes	\$42.26	-\$0.74
362	27-Jun-11	19	12	\$42.11	Yes	\$42.26	\$0.15
363	27-Jun-11	20	1	\$43.25	No	\$42.26	-\$0.99
364	27-Jun-11	20	2	\$42.22	No	\$42.26	\$0.04
365	27-Jun-11	20	3	\$44.27	No	\$42.26	-\$2.01
366	27-Jun-11	20	4	\$42.24	No	\$42.26	\$0.02
367	27-Jun-11	20	5	\$42.24	No	\$42.26	\$0.02
368	27-Jun-11	20	6	\$42.24	No	\$42.26	\$0.02
369	27-Jun-11	20	7	\$42.22	No	\$42.26	\$0.04
370	27-Jun-11	20	8	\$42.22	No	\$42.26	\$0.04
371	27-Jun-11	20	9	\$42.22	No	\$42.26	\$0.04
372	27-Jun-11	20	10	\$42.22	No	\$42.26	\$0.04
373	27-Jun-11	20	11	\$42.17	No	\$42.26	\$0.09
374	27-Jun-11	20	12	\$31.61	No	\$42.26	\$10.65
375	27-Jun-11	21	1	\$28.48	Yes	\$42.26	\$13.78
376	27-Jun-11	21	2	\$32.57	Yes	\$42.26	\$9.69
377	27-Jun-11	21	3	\$40.79	Yes	\$42.26	\$1.47
378	27-Jun-11	21	4	\$33.61	Yes	\$42.26	\$8.65
379	27-Jun-11	21	5	\$33.61	Yes	\$42.26	\$8.65
380	27-Jun-11	21	6	\$31.62	Yes	\$42.26	\$10.64
381	27-Jun-11	21	7	\$31.62	Yes	\$42.26	\$10.64
382	27-Jun-11	21	8	\$32.69	Yes	\$42.26	\$9.57
383	27-Jun-11	21	9	\$32.69	Yes	\$42.26	\$9.57
384	27-Jun-11	21	10	\$30.62	Yes	\$42.26	\$11.64
385	27-Jun-11	21	11	\$28.50	Yes	\$42.26	\$13.76
386	27-Jun-11	21	12	\$27.72	Yes	\$42.26	\$14.54
387	27-Jun-11	22	1	\$42.22	Yes	\$42.26	\$0.04
388	27-Jun-11	22	2	\$40.90	Yes	\$42.26	\$1.36
389	27-Jun-11	22	3	\$30.54	Yes	\$42.26	\$11.72
390	27-Jun-11	22	4	\$30.46	Yes	\$42.26	\$11.80
391	27-Jun-11	22	5	\$28.53	Yes	\$42.26	\$13.73
392	27-Jun-11	22	6	\$28.44	Yes	\$42.26	\$13.82
393	27-Jun-11	22	7	\$25.20	Yes	\$42.26	\$17.06
394	27-Jun-11	22	8	\$25.20	Yes	\$42.26	\$17.06
395	27-Jun-11	22	9	\$20.68	Yes	\$42.26	\$21.58
396	27-Jun-11	22	10	\$25.12	Yes	\$42.26	\$17.14
397	27-Jun-11	22	11	\$25.12	Yes	\$42.26	\$17.14
398	27-Jun-11	22	12	\$18.55	Yes	\$42.26	\$23.71
399	27-Jun-11	23	1	\$34.61	Yes	\$42.26	\$7.65
400	27-Jun-11	23	2	\$31.23	Yes	\$42.26	\$11.03
401	27-Jun-11	23	3	\$28.78	Yes	\$42.26	\$13.48
402	27-Jun-11	23	4	\$27.77	Yes	\$42.26	\$14.49
403	27-Jun-11	23	5	\$20.36	Yes	\$42.26	\$21.90

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	27-Jun-11	23	6	\$20.36	Yes	\$42.26	\$21.90
405	27-Jun-11	23	7	\$17.38	Yes	\$42.26	\$24.88
406	27-Jun-11	23	8	\$17.38	Yes	\$42.26	\$24.88
407	27-Jun-11	23	9	\$0.01	Yes	\$42.26	\$42.25
408	27-Jun-11	23	10	\$0.01	Yes	\$42.26	\$42.25
409	27-Jun-11	23	11	-\$0.01	Yes	\$42.26	\$42.27
410	27-Jun-11	23	12	-\$0.01	Yes	\$42.26	\$42.27
411	27-Jun-11	24	1	\$0.01	Yes	\$42.72	\$42.71
412	27-Jun-11	24	2	\$0.01	Yes	\$42.72	\$42.71
413	27-Jun-11	24	3	\$0.01	Yes	\$42.72	\$42.71
414	27-Jun-11	24	4	\$28.51	Yes	\$42.72	\$14.21
415	27-Jun-11	24	5	\$36.65	Yes	\$42.72	\$6.07
416	27-Jun-11	24	6	\$41.24	Yes	\$42.72	\$1.48
417	27-Jun-11	24	7	\$31.45	Yes	\$42.72	\$11.27
418	27-Jun-11	24	8	\$27.37	Yes	\$42.72	\$15.35
419	27-Jun-11	24	9	\$0.01	Yes	\$42.72	\$42.71
420	27-Jun-11	24	10	\$0.01	Yes	\$42.72	\$42.71
421	27-Jun-11	24	11	-\$0.01	Yes	\$42.72	\$42.73
422	27-Jun-11	24	12	-\$1.07	Yes	\$42.72	\$43.79

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	18-Jun-11	16	11	\$35.79	Yes	\$45.20	\$9.41
2	18-Jun-11	16	12	\$35.79	Yes	\$45.20	\$9.41
3	18-Jun-11	17	1	\$36.76	Yes	\$45.20	\$8.44
4	18-Jun-11	17	2	\$35.69	Yes	\$45.20	\$9.51
5	18-Jun-11	17	2	\$35.69	Yes	\$45.20	\$9.51
6	18-Jun-11	17	3	\$35.69	Yes	\$45.20	\$9.51
7	18-Jun-11	17	3	\$35.69	Yes	\$45.20	\$9.51
8	18-Jun-11	17	4	\$32.21	Yes	\$45.20	\$12.99
9	18-Jun-11	17	4	\$32.21	Yes	\$45.20	\$12.99
10	18-Jun-11	17	5	\$31.17	Yes	\$45.20	\$14.03
11	18-Jun-11	17	5	\$31.17	Yes	\$45.20	\$14.03
12	18-Jun-11	17	6	\$31.17	Yes	\$45.20	\$14.03
13	18-Jun-11	17	6	\$31.17	Yes	\$45.20	\$14.03
14	18-Jun-11	17	7	\$25.49	Yes	\$45.20	\$19.71
15	18-Jun-11	17	7	\$25.49	Yes	\$45.20	\$19.71
16	18-Jun-11	17	8	\$25.49	Yes	\$45.20	\$19.71
17	18-Jun-11	17	8	\$25.49	Yes	\$45.20	\$19.71
18	18-Jun-11	17	9	\$25.49	Yes	\$45.20	\$19.71
19	18-Jun-11	17	9	\$25.49	Yes	\$45.20	\$19.71
20	18-Jun-11	17	10	\$16.82	Yes	\$45.20	\$28.38
21	18-Jun-11	17	10	\$16.82	Yes	\$45.20	\$28.38
22	18-Jun-11	17	11	\$18.28	Yes	\$45.20	\$26.92
23	18-Jun-11	17	11	\$18.28	Yes	\$45.20	\$26.92
24	18-Jun-11	17	12	\$16.82	Yes	\$45.20	\$28.38
25	18-Jun-11	17	12	\$16.82	Yes	\$45.20	\$28.38
26	18-Jun-11	18	1	\$16.62	Yes	\$45.20	\$28.58
27	18-Jun-11	18	2	\$16.62	Yes	\$45.20	\$28.58
28	18-Jun-11	18	3	\$28.59	Yes	\$45.20	\$16.61
29	18-Jun-11	18	4	\$28.53	Yes	\$45.20	\$16.67
30	18-Jun-11	18	5	\$18.52	Yes	\$45.20	\$26.68
31	18-Jun-11	18	6	\$18.22	Yes	\$45.20	\$26.98
32	18-Jun-11	18	7	\$18.23	Yes	\$45.20	\$26.97
33	18-Jun-11	18	8	\$18.23	Yes	\$45.20	\$26.97
34	18-Jun-11	18	9	\$18.23	Yes	\$45.20	\$26.97
35	18-Jun-11	18	10	\$16.46	Yes	\$45.20	\$28.74
36	18-Jun-11	18	11	\$16.46	Yes	\$45.20	\$28.74
37	18-Jun-11	18	12	\$16.46	Yes	\$45.20	\$28.74
38	18-Jun-11	19	1	\$29.82	Yes	\$45.20	\$15.38
39	18-Jun-11	19	2	\$26.45	Yes	\$45.20	\$18.75
40	18-Jun-11	19	3	\$18.15	Yes	\$45.20	\$27.05
41	18-Jun-11	19	4	\$18.17	Yes	\$45.20	\$27.03

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
42	18-Jun-11	19	5	\$16.74	Yes	\$45.20	\$28.46
43	18-Jun-11	19	6	\$16.74	Yes	\$45.20	\$28.46
44	18-Jun-11	19	7	\$18.17	Yes	\$45.20	\$27.03
45	18-Jun-11	19	8	\$18.17	Yes	\$45.20	\$27.03
46	18-Jun-11	19	9	\$18.17	Yes	\$45.20	\$27.03
47	18-Jun-11	19	10	\$16.56	Yes	\$45.20	\$28.64
48	18-Jun-11	19	11	\$16.56	Yes	\$45.20	\$28.64
49	18-Jun-11	19	12	\$16.56	Yes	\$45.20	\$28.64
50	18-Jun-11	20	1	\$29.83	Yes	\$45.20	\$15.37
51	18-Jun-11	20	2	\$29.83	Yes	\$45.20	\$15.37
52	18-Jun-11	20	3	\$16.52	Yes	\$45.20	\$28.68
53	18-Jun-11	20	4	\$16.69	Yes	\$45.20	\$28.51
54	18-Jun-11	20	5	\$16.69	Yes	\$45.20	\$28.51
55	18-Jun-11	20	6	\$45.20	Yes	\$45.20	\$0.00
56	18-Jun-11	20	7	\$26.47	Yes	\$45.20	\$18.73
57	18-Jun-11	20	8	\$29.55	Yes	\$45.20	\$15.65
58	18-Jun-11	20	9	\$29.55	Yes	\$45.20	\$15.65
59	18-Jun-11	20	10	\$34.25	Yes	\$45.20	\$10.95
60	18-Jun-11	20	11	\$34.25	Yes	\$45.20	\$10.95
61	18-Jun-11	20	12	\$29.89	Yes	\$45.20	\$15.31
62	18-Jun-11	21	1	\$33.88	Yes	\$45.20	\$11.32
63	18-Jun-11	21	2	\$29.91	Yes	\$45.20	\$15.29
64	18-Jun-11	21	3	\$39.18	Yes	\$45.20	\$6.02
65	18-Jun-11	21	4	\$29.89	Yes	\$45.20	\$15.31
66	18-Jun-11	21	5	\$34.16	Yes	\$45.20	\$11.04
67	18-Jun-11	21	6	\$45.63	Yes	\$45.20	-\$0.43
68	18-Jun-11	21	7	\$45.62	Yes	\$45.20	-\$0.42
69	18-Jun-11	21	8	\$45.62	Yes	\$45.20	-\$0.42
70	18-Jun-11	21	9	\$45.62	Yes	\$45.20	-\$0.42
71	18-Jun-11	21	10	\$45.62	Yes	\$45.20	-\$0.42
72	18-Jun-11	21	12	\$45.77	Yes	\$45.20	-\$0.57
73	19-Jun-11	4	1	-\$0.04	Yes	\$45.20	\$45.24
74	19-Jun-11	4	2	-\$0.01	Yes	\$45.20	\$45.21
75	19-Jun-11	4	3	-\$0.01	Yes	\$45.20	\$45.21
76	19-Jun-11	4	4	-\$0.01	Yes	\$45.20	\$45.21
77	19-Jun-11	4	5	-\$0.01	Yes	\$45.20	\$45.21
78	19-Jun-11	4	6	-\$0.01	Yes	\$45.20	\$45.21
79	19-Jun-11	4	7	-\$0.01	Yes	\$45.20	\$45.21
80	19-Jun-11	4	8	-\$0.01	Yes	\$45.20	\$45.21
81	19-Jun-11	4	9	-\$0.01	Yes	\$45.20	\$45.21
82	19-Jun-11	4	10	\$28.21	Yes	\$45.20	\$16.99
83	19-Jun-11	4	11	\$29.90	Yes	\$45.20	\$15.30
84	19-Jun-11	4	12	\$32.05	Yes	\$45.20	\$13.15
85	19-Jun-11	5	1	\$29.92	Yes	\$45.20	\$15.28
86	19-Jun-11	5	2	\$32.06	Yes	\$45.20	\$13.14

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
87	19-Jun-11	5	3	\$32.06	Yes	\$45.20	\$13.14
88	19-Jun-11	5	4	\$32.08	Yes	\$45.20	\$13.12
89	19-Jun-11	5	5	\$32.08	Yes	\$45.20	\$13.12
90	19-Jun-11	5	6	\$34.60	Yes	\$45.20	\$10.60
91	19-Jun-11	5	7	\$40.89	Yes	\$45.20	\$4.31
92	19-Jun-11	5	8	\$40.89	Yes	\$45.20	\$4.31
93	19-Jun-11	5	9	\$40.89	Yes	\$45.20	\$4.31
94	19-Jun-11	5	10	\$164.73	Yes	\$45.20	-\$119.53
95	19-Jun-11	5	11	\$57.56	Yes	\$45.20	-\$12.36
96	19-Jun-11	5	12	\$85.86	Yes	\$45.20	-\$40.66
97	19-Jun-11	6	1	\$32.09	Yes	\$45.20	\$13.11
98	19-Jun-11	6	2	\$32.09	Yes	\$45.20	\$13.11
99	19-Jun-11	6	3	\$29.94	Yes	\$45.20	\$15.26
100	19-Jun-11	6	4	\$32.12	Yes	\$45.20	\$13.08
101	19-Jun-11	6	5	\$32.12	Yes	\$45.20	\$13.08
102	19-Jun-11	6	6	\$32.12	Yes	\$45.20	\$13.08
103	19-Jun-11	6	7	\$32.14	Yes	\$45.20	\$13.06
104	19-Jun-11	6	8	\$40.98	Yes	\$45.20	\$4.22
105	19-Jun-11	6	9	\$29.99	Yes	\$45.20	\$15.21
106	19-Jun-11	6	10	\$2.10	Yes	\$45.20	\$43.10
107	19-Jun-11	6	11	\$29.99	Yes	\$45.20	\$15.21
108	19-Jun-11	6	12	\$2.10	Yes	\$45.20	\$43.10
109	19-Jun-11	7	1	\$0.01	Yes	\$45.20	\$45.19
110	19-Jun-11	7	2	-\$0.04	Yes	\$45.20	\$45.24
111	19-Jun-11	7	3	-\$0.01	Yes	\$45.20	\$45.21
112	19-Jun-11	7	4	-\$0.01	Yes	\$45.20	\$45.21
113	19-Jun-11	7	5	\$0.01	Yes	\$45.20	\$45.19
114	19-Jun-11	7	6	\$0.01	Yes	\$45.20	\$45.19
115	19-Jun-11	7	7	-\$0.01	Yes	\$45.20	\$45.21
116	19-Jun-11	7	8	-\$0.01	Yes	\$45.20	\$45.21
117	19-Jun-11	7	9	-\$0.01	Yes	\$45.20	\$45.21
118	19-Jun-11	7	10	-\$0.01	Yes	\$45.20	\$45.21
119	19-Jun-11	7	11	\$0.01	Yes	\$45.20	\$45.19
120	19-Jun-11	7	12	-\$0.04	Yes	\$45.20	\$45.24
121	19-Jun-11	8	1	-\$1.09	Yes	\$45.20	\$46.29
122	19-Jun-11	8	2	-\$1.09	Yes	\$45.20	\$46.29
123	19-Jun-11	8	3	-\$1.09	Yes	\$45.20	\$46.29
124	19-Jun-11	8	4	-\$0.04	Yes	\$45.20	\$45.24
125	19-Jun-11	8	5	-\$0.01	Yes	\$45.20	\$45.21
126	19-Jun-11	8	6	-\$0.01	Yes	\$45.20	\$45.21
127	19-Jun-11	8	7	-\$0.01	Yes	\$45.20	\$45.21
128	19-Jun-11	8	8	\$0.01	Yes	\$45.20	\$45.19
129	19-Jun-11	8	9	\$0.01	Yes	\$45.20	\$45.19
130	19-Jun-11	8	10	\$2.22	Yes	\$45.20	\$42.98
131	19-Jun-11	8	11	\$30.15	Yes	\$45.20	\$15.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
132	19-Jun-11	8	12	\$56.72	Yes	\$45.20	-\$11.52
133	19-Jun-11	9	1	-\$0.04	Yes	\$45.20	\$45.24
134	19-Jun-11	9	2	-\$0.04	Yes	\$45.20	\$45.24
135	19-Jun-11	9	3	-\$1.13	Yes	\$45.20	\$46.33
136	19-Jun-11	9	4	-\$1.13	Yes	\$45.20	\$46.33
137	19-Jun-11	9	5	-\$1.13	Yes	\$45.20	\$46.33
138	19-Jun-11	9	6	-\$0.04	Yes	\$45.20	\$45.24
139	19-Jun-11	9	7	-\$0.04	Yes	\$45.20	\$45.24
140	19-Jun-11	9	8	-\$0.04	Yes	\$45.20	\$45.24
141	19-Jun-11	9	9	-\$0.04	Yes	\$45.20	\$45.24
142	19-Jun-11	9	10	-\$0.01	Yes	\$45.20	\$45.21
143	19-Jun-11	9	11	-\$0.04	Yes	\$45.20	\$45.24
144	19-Jun-11	9	12	-\$1.14	Yes	\$45.20	\$46.34
145	19-Jun-11	10	1	-\$28.37	Yes	\$45.20	\$73.57
146	19-Jun-11	10	2	-\$32.87	Yes	\$45.20	\$78.07
147	19-Jun-11	10	3	-\$32.44	Yes	\$45.20	\$77.64
148	19-Jun-11	10	4	-\$32.90	Yes	\$45.20	\$78.10
149	19-Jun-11	10	5	-\$31.65	Yes	\$45.20	\$76.85
150	19-Jun-11	10	6	-\$32.41	Yes	\$45.20	\$77.61
151	19-Jun-11	10	7	-\$31.57	Yes	\$45.20	\$76.77
152	19-Jun-11	10	8	-\$32.51	Yes	\$45.20	\$77.71
153	19-Jun-11	10	9	-\$31.87	Yes	\$45.20	\$77.07
154	19-Jun-11	10	10	-\$31.87	Yes	\$45.20	\$77.07
155	19-Jun-11	10	11	-\$31.83	Yes	\$45.20	\$77.03
156	19-Jun-11	10	12	-\$31.46	Yes	\$45.20	\$76.66
157	19-Jun-11	11	1	-\$31.41	Yes	\$45.20	\$76.61
158	19-Jun-11	11	2	-\$31.41	Yes	\$45.20	\$76.61
159	19-Jun-11	11	3	-\$32.42	Yes	\$45.20	\$77.62
160	19-Jun-11	11	4	-\$31.84	Yes	\$45.20	\$77.04
161	19-Jun-11	11	5	-\$31.48	Yes	\$45.20	\$76.68
162	19-Jun-11	11	6	-\$31.75	Yes	\$45.20	\$76.95
163	19-Jun-11	11	7	-\$31.48	Yes	\$45.20	\$76.68
164	19-Jun-11	11	8	-\$31.48	Yes	\$45.20	\$76.68
165	19-Jun-11	11	9	-\$31.48	Yes	\$45.20	\$76.68
166	19-Jun-11	11	10	-\$31.74	Yes	\$45.20	\$76.94
167	19-Jun-11	11	11	-\$31.39	Yes	\$45.20	\$76.59
168	19-Jun-11	11	12	-\$11.50	Yes	\$45.20	\$56.70
169	19-Jun-11	12	1	-\$31.24	Yes	\$45.20	\$76.44
170	19-Jun-11	12	2	-\$11.47	Yes	\$45.20	\$56.67
171	19-Jun-11	12	3	-\$1.13	Yes	\$45.20	\$46.33
172	19-Jun-11	12	4	-\$1.13	Yes	\$45.20	\$46.33
173	19-Jun-11	12	5	-\$0.04	Yes	\$45.20	\$45.24
174	19-Jun-11	12	6	-\$0.04	Yes	\$45.20	\$45.24
175	19-Jun-11	12	7	-\$0.04	Yes	\$45.20	\$45.24
176	19-Jun-11	12	8	-\$0.04	Yes	\$45.20	\$45.24

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
177	19-Jun-11	12	9	-\$0.04	Yes	\$45.20	\$45.24
178	19-Jun-11	12	10	-\$0.04	Yes	\$45.20	\$45.24
179	19-Jun-11	12	11	-\$0.01	Yes	\$45.20	\$45.21
180	19-Jun-11	12	12	\$0.01	Yes	\$45.20	\$45.19
181	19-Jun-11	13	1	\$0.01	Yes	\$45.20	\$45.19
182	19-Jun-11	13	2	\$0.71	Yes	\$45.20	\$44.49
183	19-Jun-11	13	3	\$0.71	Yes	\$45.20	\$44.49
184	19-Jun-11	13	4	\$0.70	Yes	\$45.20	\$44.50
185	19-Jun-11	13	5	\$29.87	Yes	\$45.20	\$15.33
186	19-Jun-11	13	6	\$29.90	Yes	\$45.20	\$15.30
187	19-Jun-11	13	7	\$30.03	Yes	\$45.20	\$15.17
188	19-Jun-11	13	7	\$30.03	Yes	\$45.20	\$15.17
189	19-Jun-11	13	8	\$0.01	Yes	\$45.20	\$45.19
190	19-Jun-11	13	8	\$0.01	Yes	\$45.20	\$45.19
191	19-Jun-11	13	9	\$0.01	Yes	\$45.20	\$45.19
192	19-Jun-11	13	9	\$0.01	Yes	\$45.20	\$45.19
193	19-Jun-11	13	10	\$0.71	Yes	\$45.20	\$44.49
194	19-Jun-11	13	10	\$0.71	Yes	\$45.20	\$44.49
195	19-Jun-11	13	11	\$0.01	Yes	\$45.20	\$45.19
196	19-Jun-11	13	11	\$0.01	Yes	\$45.20	\$45.19
197	19-Jun-11	13	12	\$0.01	Yes	\$45.20	\$45.19
198	19-Jun-11	13	12	\$0.01	Yes	\$45.20	\$45.19
199	19-Jun-11	14	1	\$0.01	Yes	\$45.20	\$45.19
200	19-Jun-11	14	2	-\$0.01	Yes	\$45.20	\$45.21
201	19-Jun-11	14	3	-\$0.04	Yes	\$45.20	\$45.24
202	19-Jun-11	14	4	-\$0.04	Yes	\$45.20	\$45.24
203	19-Jun-11	14	5	-\$0.04	Yes	\$45.20	\$45.24
204	19-Jun-11	14	6	-\$0.04	Yes	\$45.20	\$45.24
205	19-Jun-11	14	7	-\$0.04	Yes	\$45.20	\$45.24
206	19-Jun-11	14	8	-\$0.04	Yes	\$45.20	\$45.24
207	19-Jun-11	14	9	-\$0.01	Yes	\$45.20	\$45.21
208	19-Jun-11	14	10	-\$0.04	Yes	\$45.20	\$45.24
209	19-Jun-11	14	11	-\$0.01	Yes	\$45.20	\$45.21
210	19-Jun-11	14	12	-\$0.01	Yes	\$45.20	\$45.21
211	19-Jun-11	15	1	-\$0.01	Yes	\$45.20	\$45.21
212	19-Jun-11	15	2	-\$0.01	Yes	\$45.20	\$45.21
213	19-Jun-11	15	3	-\$0.04	Yes	\$45.20	\$45.24
214	19-Jun-11	15	4	-\$0.01	Yes	\$45.20	\$45.21
215	19-Jun-11	15	5	\$0.01	Yes	\$45.20	\$45.19
216	19-Jun-11	15	6	-\$0.01	Yes	\$45.20	\$45.21
217	19-Jun-11	15	7	\$0.01	Yes	\$45.20	\$45.19
218	19-Jun-11	15	8	-\$0.04	Yes	\$45.20	\$45.24
219	19-Jun-11	15	9	-\$0.04	Yes	\$45.20	\$45.24
220	19-Jun-11	15	10	-\$0.04	Yes	\$45.20	\$45.24
221	19-Jun-11	15	11	-\$0.01	Yes	\$45.20	\$45.21

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
222	19-Jun-11	15	12	\$0.01	Yes	\$45.20	\$45.19
223	19-Jun-11	16	1	\$0.01	Yes	\$45.20	\$45.19
224	19-Jun-11	16	2	\$18.17	Yes	\$45.20	\$27.03
225	19-Jun-11	16	3	\$0.04	Yes	\$45.20	\$45.16
226	19-Jun-11	16	4	\$29.85	Yes	\$45.20	\$15.35
227	19-Jun-11	16	5	\$29.85	Yes	\$45.20	\$15.35
228	19-Jun-11	16	6	\$39.28	Yes	\$45.20	\$5.92
229	19-Jun-11	16	7	\$45.73	Yes	\$45.20	-\$0.53
230	19-Jun-11	16	8	\$45.73	Yes	\$45.20	-\$0.53
231	19-Jun-11	16	9	\$45.73	Yes	\$45.20	-\$0.53
232	19-Jun-11	16	10	\$45.51	Yes	\$45.20	-\$0.31
233	19-Jun-11	16	11	\$44.95	Yes	\$45.20	\$0.25
234	19-Jun-11	16	12	\$45.90	Yes	\$45.20	-\$0.70
235	19-Jun-11	17	1	\$29.91	Yes	\$45.20	\$15.29
236	19-Jun-11	17	2	\$29.91	Yes	\$45.20	\$15.29
237	19-Jun-11	17	3	\$38.94	Yes	\$45.20	\$6.26
238	19-Jun-11	17	4	\$45.20	Yes	\$45.20	\$0.00
239	19-Jun-11	17	5	\$45.77	Yes	\$45.20	-\$0.57
240	19-Jun-11	17	6	\$45.77	Yes	\$45.20	-\$0.57
241	19-Jun-11	17	7	\$45.72	Yes	\$45.20	-\$0.52
242	19-Jun-11	17	8	\$45.72	Yes	\$45.20	-\$0.52
243	19-Jun-11	17	9	\$45.72	Yes	\$45.20	-\$0.52
244	19-Jun-11	17	10	\$45.80	Yes	\$45.20	-\$0.60
245	19-Jun-11	17	11	\$45.80	Yes	\$45.20	-\$0.60
246	19-Jun-11	17	12	\$45.80	Yes	\$45.20	-\$0.60
247	19-Jun-11	18	1	\$51.54	Yes	\$45.20	-\$6.34
248	19-Jun-11	18	2	\$115.30	Yes	\$45.20	-\$70.10
249	19-Jun-11	18	3	\$100.02	Yes	\$45.20	-\$54.82
250	19-Jun-11	18	4	\$83.44	Yes	\$45.20	-\$38.24
251	19-Jun-11	18	5	\$62.56	Yes	\$45.20	-\$17.36
252	19-Jun-11	18	6	\$54.69	Yes	\$45.20	-\$9.49
253	19-Jun-11	18	7	\$45.20	Yes	\$45.20	\$0.00
254	19-Jun-11	18	8	\$51.51	Yes	\$45.20	-\$6.31
255	19-Jun-11	18	9	\$51.51	Yes	\$45.20	-\$6.31
256	19-Jun-11	18	10	\$60.86	Yes	\$45.20	-\$15.66
257	19-Jun-11	18	11	\$44.98	Yes	\$45.20	\$0.22
258	19-Jun-11	18	12	\$45.20	Yes	\$45.20	\$0.00
259	19-Jun-11	19	1	\$52.17	Yes	\$45.20	-\$6.97
260	19-Jun-11	19	2	\$52.17	Yes	\$45.20	-\$6.97
261	19-Jun-11	19	3	\$54.68	Yes	\$45.20	-\$9.48
262	19-Jun-11	19	4	\$46.02	Yes	\$45.20	-\$0.82
263	19-Jun-11	19	5	\$46.02	Yes	\$45.20	-\$0.82
264	19-Jun-11	19	6	\$46.02	Yes	\$45.20	-\$0.82
265	19-Jun-11	19	7	\$45.95	Yes	\$45.20	-\$0.75
266	19-Jun-11	19	8	\$45.95	Yes	\$45.20	-\$0.75

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267	19-Jun-11	19	9	\$45.95	Yes	\$45.20	-\$0.75
268	19-Jun-11	19	10	\$51.31	Yes	\$45.20	-\$6.11
269	19-Jun-11	19	11	\$45.83	Yes	\$45.20	-\$0.63
270	19-Jun-11	19	12	\$52.49	Yes	\$45.20	-\$7.29
271	19-Jun-11	20	1	\$34.41	Yes	\$45.20	\$10.79
272	19-Jun-11	20	2	\$45.20	Yes	\$45.20	\$0.00
273	19-Jun-11	20	3	\$38.88	Yes	\$45.20	\$6.32
274	19-Jun-11	20	4	\$51.52	Yes	\$45.20	-\$6.32
275	19-Jun-11	20	5	\$51.52	Yes	\$45.20	-\$6.32
276	19-Jun-11	20	6	\$51.52	Yes	\$45.20	-\$6.32
277	19-Jun-11	20	7	\$54.52	Yes	\$45.20	-\$9.32
278	19-Jun-11	20	8	\$83.05	Yes	\$45.20	-\$37.85
279	19-Jun-11	20	9	\$90.80	Yes	\$45.20	-\$45.60
280	19-Jun-11	20	10	\$90.76	Yes	\$45.20	-\$45.56
281	19-Jun-11	20	11	\$54.23	Yes	\$45.20	-\$9.03
282	19-Jun-11	20	12	\$54.23	Yes	\$45.20	-\$9.03
283	19-Jun-11	21	1	\$113.73	Yes	\$45.20	-\$68.53
284	19-Jun-11	21	2	\$54.26	Yes	\$45.20	-\$9.06
285	19-Jun-11	21	3	\$113.73	Yes	\$45.20	-\$68.53
286	19-Jun-11	21	4	\$99.79	Yes	\$45.20	-\$54.59
287	19-Jun-11	21	5	\$99.79	Yes	\$45.20	-\$54.59
288	19-Jun-11	21	6	\$99.79	Yes	\$45.20	-\$54.59
289	19-Jun-11	21	7	\$56.52	Yes	\$45.20	-\$11.32
290	19-Jun-11	21	8	\$35.35	Yes	\$45.20	\$9.85
291	19-Jun-11	21	9	\$46.88	Yes	\$45.20	-\$1.68
292	19-Jun-11	21	10	\$29.97	Yes	\$45.20	\$15.23
293	19-Jun-11	21	11	\$45.20	Yes	\$45.20	\$0.00
294	19-Jun-11	21	12	\$46.80	Yes	\$45.20	-\$1.60
295	19-Jun-11	22	1	\$57.06	Yes	\$45.20	-\$11.86
296	19-Jun-11	22	2	\$53.23	Yes	\$45.20	-\$8.03
297	19-Jun-11	22	3	\$54.50	Yes	\$45.20	-\$9.30
298	19-Jun-11	22	4	\$111.98	Yes	\$45.20	-\$66.78
299	19-Jun-11	22	5	\$53.67	Yes	\$45.20	-\$8.47
300	19-Jun-11	22	6	\$53.67	Yes	\$45.20	-\$8.47
301	19-Jun-11	22	7	\$51.27	Yes	\$45.20	-\$6.07
302	19-Jun-11	22	8	\$51.27	Yes	\$45.20	-\$6.07
303	19-Jun-11	22	9	\$48.83	Yes	\$45.20	-\$3.63
304	19-Jun-11	22	10	\$52.52	Yes	\$45.20	-\$7.32
305	19-Jun-11	22	11	\$44.93	Yes	\$45.20	\$0.27
306	19-Jun-11	22	12	\$51.29	Yes	\$45.20	-\$6.09
307	19-Jun-11	23	1	\$46.27	Yes	\$45.20	-\$1.07
308	19-Jun-11	23	2	\$46.27	Yes	\$45.20	-\$1.07
309	19-Jun-11	23	3	\$46.27	Yes	\$45.20	-\$1.07
310	19-Jun-11	23	4	\$45.93	Yes	\$45.20	-\$0.73
311	19-Jun-11	23	5	\$37.34	Yes	\$45.20	\$7.86

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312	19-Jun-11	23	6	\$34.55	Yes	\$45.20	\$10.65
313	19-Jun-11	23	7	\$34.99	Yes	\$45.20	\$10.21
314	19-Jun-11	23	8	\$37.20	Yes	\$45.20	\$8.00
315	19-Jun-11	23	9	\$38.85	Yes	\$45.20	\$6.35
316	19-Jun-11	23	10	\$44.93	Yes	\$45.20	\$0.27
317	19-Jun-11	23	11	\$0.01	Yes	\$45.20	\$45.19
318	19-Jun-11	23	12	\$0.01	Yes	\$45.20	\$45.19
319	19-Jun-11	24	1	\$35.25	Yes	\$45.20	\$9.95
320	19-Jun-11	24	2	\$38.77	Yes	\$45.20	\$6.43
321	19-Jun-11	24	3	\$34.30	Yes	\$45.20	\$10.90
322	19-Jun-11	24	4	\$34.16	Yes	\$45.20	\$11.04
323	19-Jun-11	24	5	\$0.04	Yes	\$45.20	\$45.16
324	19-Jun-11	24	6	\$0.01	Yes	\$45.20	\$45.19
325	19-Jun-11	24	7	-\$0.01	Yes	\$45.20	\$45.21
326	19-Jun-11	24	8	-\$0.01	Yes	\$45.20	\$45.21
327	19-Jun-11	24	9	-\$0.01	Yes	\$45.20	\$45.21
328	19-Jun-11	24	10	-\$1.10	Yes	\$45.20	\$46.30
329	19-Jun-11	24	11	-\$28.87	Yes	\$45.20	\$74.07
330	19-Jun-11	24	12	-\$31.99	Yes	\$45.20	\$77.19
331	20-Jun-11	9	1	\$31.32	Yes	\$45.20	\$13.88
332	20-Jun-11	9	2	\$0.02	Yes	\$45.20	\$45.18
333	20-Jun-11	9	3	\$0.01	Yes	\$45.20	\$45.19
334	20-Jun-11	9	4	\$0.02	Yes	\$45.20	\$45.18
335	20-Jun-11	9	5	\$19.48	Yes	\$45.20	\$25.72
336	20-Jun-11	9	6	\$28.75	Yes	\$45.20	\$16.45
337	20-Jun-11	9	7	\$29.87	Yes	\$45.20	\$15.33
338	20-Jun-11	9	8	\$30.41	Yes	\$45.20	\$14.79
339	20-Jun-11	9	9	\$28.79	Yes	\$45.20	\$16.41
340	20-Jun-11	9	10	\$28.86	Yes	\$45.20	\$16.34
341	20-Jun-11	9	11	\$30.02	Yes	\$45.20	\$15.18
342	20-Jun-11	9	12	\$19.49	Yes	\$45.20	\$25.71
343	20-Jun-11	10	1	\$0.01	Yes	\$45.20	\$45.19
344	20-Jun-11	10	2	\$0.02	Yes	\$45.20	\$45.18
345	20-Jun-11	10	3	\$19.42	Yes	\$45.20	\$25.78
346	20-Jun-11	10	4	\$20.43	Yes	\$45.20	\$24.77
347	20-Jun-11	10	5	\$28.30	Yes	\$45.20	\$16.90
348	20-Jun-11	10	6	\$29.36	Yes	\$45.20	\$15.84
349	20-Jun-11	10	7	\$30.22	Yes	\$45.20	\$14.98
350	20-Jun-11	10	8	\$32.38	Yes	\$45.20	\$12.82
351	20-Jun-11	10	9	\$34.76	Yes	\$45.20	\$10.44
352	20-Jun-11	10	10	\$32.22	Yes	\$45.20	\$12.98
353	20-Jun-11	10	11	\$33.68	Yes	\$45.20	\$11.52
354	20-Jun-11	10	12	\$31.56	Yes	\$45.20	\$13.64
355	20-Jun-11	11	1	\$30.33	Yes	\$45.20	\$14.87
356	20-Jun-11	11	2	\$29.21	Yes	\$45.20	\$15.99

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357	20-Jun-11	11	3	\$31.45	Yes	\$45.20	\$13.75
358	20-Jun-11	11	4	\$31.66	Yes	\$45.20	\$13.54
359	20-Jun-11	11	5	\$32.55	Yes	\$45.20	\$12.65
360	20-Jun-11	11	6	\$35.23	Yes	\$45.20	\$9.97
361	20-Jun-11	11	7	\$35.12	Yes	\$45.20	\$10.08
362	20-Jun-11	11	8	\$34.86	Yes	\$45.20	\$10.34
363	20-Jun-11	11	9	\$35.86	Yes	\$45.20	\$9.34
364	20-Jun-11	11	10	\$36.70	Yes	\$45.20	\$8.50
365	20-Jun-11	11	11	\$36.12	Yes	\$45.20	\$9.08
366	20-Jun-11	11	12	\$44.90	Yes	\$45.20	\$0.30
367	20-Jun-11	12	1	\$32.45	Yes	\$45.20	\$12.75
368	20-Jun-11	12	2	\$34.28	Yes	\$45.20	\$10.92
369	20-Jun-11	12	3	\$35.00	Yes	\$45.20	\$10.20
370	20-Jun-11	12	4	\$35.08	Yes	\$45.20	\$10.12
371	20-Jun-11	12	5	\$35.08	Yes	\$45.20	\$10.12
372	20-Jun-11	12	6	\$35.87	Yes	\$45.20	\$9.33
373	20-Jun-11	12	7	\$35.08	Yes	\$45.20	\$10.12
374	20-Jun-11	12	8	\$36.84	Yes	\$45.20	\$8.36
375	20-Jun-11	12	9	\$45.20	Yes	\$45.20	\$0.00
376	20-Jun-11	12	10	\$46.24	Yes	\$45.20	-\$1.04
377	20-Jun-11	12	11	\$45.20	Yes	\$45.20	\$0.00
378	20-Jun-11	12	12	\$45.21	Yes	\$45.20	-\$0.01
379	20-Jun-11	13	1	\$43.54	Yes	\$45.20	\$1.66
380	20-Jun-11	13	2	\$34.85	Yes	\$45.20	\$10.35
381	20-Jun-11	13	3	\$36.12	Yes	\$45.20	\$9.08
382	20-Jun-11	13	4	\$35.12	Yes	\$45.20	\$10.08
383	20-Jun-11	13	5	\$35.12	Yes	\$45.20	\$10.08
384	20-Jun-11	13	6	\$35.12	Yes	\$45.20	\$10.08
385	20-Jun-11	13	7	\$44.36	Yes	\$45.20	\$0.84
386	20-Jun-11	13	8	\$44.78	Yes	\$45.20	\$0.42
387	20-Jun-11	13	9	\$46.79	Yes	\$45.20	-\$1.59
388	20-Jun-11	13	10	\$42.15	Yes	\$45.20	\$3.05
389	20-Jun-11	13	11	\$44.33	Yes	\$45.20	\$0.87
390	20-Jun-11	13	12	\$48.19	Yes	\$45.20	-\$2.99
391	20-Jun-11	14	1	\$48.78	Yes	\$45.20	-\$3.58
392	20-Jun-11	14	2	\$48.78	Yes	\$45.20	-\$3.58
393	20-Jun-11	14	2	\$48.78	Yes	\$45.20	-\$3.58
394	20-Jun-11	14	3	\$75.37	Yes	\$45.20	-\$30.17
395	20-Jun-11	14	3	\$75.37	Yes	\$45.20	-\$30.17
396	20-Jun-11	14	4	\$52.28	Yes	\$45.20	-\$7.08
397	20-Jun-11	14	4	\$52.28	Yes	\$45.20	-\$7.08
398	20-Jun-11	14	5	\$50.94	Yes	\$45.20	-\$5.74
399	20-Jun-11	14	5	\$50.94	Yes	\$45.20	-\$5.74
400	20-Jun-11	14	6	\$52.28	Yes	\$45.20	-\$7.08
401	20-Jun-11	14	6	\$52.28	Yes	\$45.20	-\$7.08

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402	20-Jun-11	14	7	\$43.59	Yes	\$45.20	\$1.61
403	20-Jun-11	14	7	\$43.59	Yes	\$45.20	\$1.61
404	20-Jun-11	14	8	\$45.49	Yes	\$45.20	-\$0.29
405	20-Jun-11	14	8	\$45.49	Yes	\$45.20	-\$0.29
406	20-Jun-11	14	9	\$45.49	Yes	\$45.20	-\$0.29
407	20-Jun-11	14	9	\$45.49	Yes	\$45.20	-\$0.29
408	20-Jun-11	14	10	\$49.24	Yes	\$45.20	-\$4.04
409	20-Jun-11	14	10	\$49.24	Yes	\$45.20	-\$4.04
410	20-Jun-11	14	11	\$48.57	Yes	\$45.20	-\$3.37
411	20-Jun-11	14	11	\$48.57	Yes	\$45.20	-\$3.37
412	20-Jun-11	14	12	\$74.68	Yes	\$45.20	-\$29.48
413	20-Jun-11	14	12	\$74.68	Yes	\$45.20	-\$29.48
414	20-Jun-11	15	1	\$35.59	Yes	\$45.20	\$9.61
415	20-Jun-11	15	1	\$35.59	Yes	\$45.20	\$9.61
416	20-Jun-11	15	2	\$45.58	Yes	\$45.20	-\$0.38
417	20-Jun-11	15	2	\$45.58	Yes	\$45.20	-\$0.38
418	20-Jun-11	15	3	\$46.53	Yes	\$45.20	-\$1.33
419	20-Jun-11	15	3	\$46.53	Yes	\$45.20	-\$1.33
420	20-Jun-11	15	4	\$44.68	Yes	\$45.20	\$0.52
421	20-Jun-11	15	4	\$44.68	Yes	\$45.20	\$0.52
422	20-Jun-11	15	5	\$46.30	Yes	\$45.20	-\$1.10
423	20-Jun-11	15	5	\$46.30	Yes	\$45.20	-\$1.10
424	20-Jun-11	15	6	\$45.36	Yes	\$45.20	-\$0.16
425	20-Jun-11	15	6	\$45.36	Yes	\$45.20	-\$0.16
426	20-Jun-11	15	7	\$48.26	Yes	\$45.20	-\$3.06
427	20-Jun-11	15	7	\$48.26	Yes	\$45.20	-\$3.06
428	20-Jun-11	15	8	\$48.41	Yes	\$45.20	-\$3.21
429	20-Jun-11	15	8	\$48.41	Yes	\$45.20	-\$3.21
430	20-Jun-11	15	9	\$48.26	Yes	\$45.20	-\$3.06
431	20-Jun-11	15	9	\$48.26	Yes	\$45.20	-\$3.06
432	20-Jun-11	15	10	\$52.75	Yes	\$45.20	-\$7.55
433	20-Jun-11	15	10	\$52.75	Yes	\$45.20	-\$7.55
434	20-Jun-11	15	11	\$51.51	Yes	\$45.20	-\$6.31
435	20-Jun-11	15	11	\$51.51	Yes	\$45.20	-\$6.31
436	20-Jun-11	15	12	\$52.75	Yes	\$45.20	-\$7.55
437	20-Jun-11	15	12	\$52.75	Yes	\$45.20	-\$7.55
438	20-Jun-11	16	1	\$57.41	Yes	\$45.20	-\$12.21
439	20-Jun-11	16	1	\$57.41	Yes	\$45.20	-\$12.21
440	20-Jun-11	16	2	\$53.63	Yes	\$45.20	-\$8.43
441	20-Jun-11	16	2	\$53.63	Yes	\$45.20	-\$8.43
442	20-Jun-11	16	3	\$996.92	Yes	\$45.20	-\$951.72
443	20-Jun-11	16	3	\$996.92	Yes	\$45.20	-\$951.72
444	20-Jun-11	16	4	\$74.64	Yes	\$45.20	-\$29.44
445	20-Jun-11	16	4	\$74.64	Yes	\$45.20	-\$29.44
446	20-Jun-11	16	5	\$263.72	Yes	\$45.20	-\$218.52

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447	20-Jun-11	16	5	\$263.72	Yes	\$45.20	-\$218.52
448	20-Jun-11	16	6	\$57.35	Yes	\$45.20	-\$12.15
449	20-Jun-11	16	6	\$57.35	Yes	\$45.20	-\$12.15
450	20-Jun-11	16	7	\$52.94	Yes	\$45.20	-\$7.74
451	20-Jun-11	16	7	\$52.94	Yes	\$45.20	-\$7.74
452	20-Jun-11	16	8	\$55.42	Yes	\$45.20	-\$10.22
453	20-Jun-11	16	8	\$55.42	Yes	\$45.20	-\$10.22
454	20-Jun-11	16	9	\$51.33	Yes	\$45.20	-\$6.13
455	20-Jun-11	16	9	\$51.33	Yes	\$45.20	-\$6.13
456	20-Jun-11	16	10	\$54.97	Yes	\$45.20	-\$9.77
457	20-Jun-11	16	10	\$54.97	Yes	\$45.20	-\$9.77
458	20-Jun-11	16	11	\$54.11	Yes	\$45.20	-\$8.91
459	20-Jun-11	16	11	\$54.11	Yes	\$45.20	-\$8.91
460	20-Jun-11	16	12	\$52.37	Yes	\$45.20	-\$7.17
461	20-Jun-11	16	12	\$52.37	Yes	\$45.20	-\$7.17
462	20-Jun-11	17	1	\$53.70	Yes	\$45.20	-\$8.50
463	20-Jun-11	17	1	\$53.70	Yes	\$45.20	-\$8.50
464	20-Jun-11	17	2	\$53.52	Yes	\$45.20	-\$8.32
465	20-Jun-11	17	2	\$53.52	Yes	\$45.20	-\$8.32
466	20-Jun-11	17	3	\$54.34	Yes	\$45.20	-\$9.14
467	20-Jun-11	17	3	\$54.34	Yes	\$45.20	-\$9.14
468	20-Jun-11	17	4	\$54.58	Yes	\$45.20	-\$9.38
469	20-Jun-11	17	4	\$54.58	Yes	\$45.20	-\$9.38
470	20-Jun-11	17	5	\$59.35	Yes	\$45.20	-\$14.15
471	20-Jun-11	17	5	\$59.35	Yes	\$45.20	-\$14.15
472	20-Jun-11	17	6	\$57.03	Yes	\$45.20	-\$11.83
473	20-Jun-11	17	6	\$57.03	Yes	\$45.20	-\$11.83
474	20-Jun-11	17	7	\$54.51	Yes	\$45.20	-\$9.31
475	20-Jun-11	17	7	\$54.51	Yes	\$45.20	-\$9.31
476	20-Jun-11	17	8	\$74.98	Yes	\$45.20	-\$29.78
477	20-Jun-11	17	8	\$74.98	Yes	\$45.20	-\$29.78
478	20-Jun-11	17	9	\$74.70	Yes	\$45.20	-\$29.50
479	20-Jun-11	17	9	\$74.70	Yes	\$45.20	-\$29.50
480	20-Jun-11	17	10	\$59.58	Yes	\$45.20	-\$14.38
481	20-Jun-11	17	10	\$59.58	Yes	\$45.20	-\$14.38
482	20-Jun-11	17	11	\$52.37	Yes	\$45.20	-\$7.17
483	20-Jun-11	17	11	\$52.37	Yes	\$45.20	-\$7.17
484	20-Jun-11	17	12	\$50.59	Yes	\$45.20	-\$5.39
485	20-Jun-11	17	12	\$50.59	Yes	\$45.20	-\$5.39
486	20-Jun-11	18	1	\$46.78	Yes	\$45.20	-\$1.58
487	20-Jun-11	18	1	\$46.78	Yes	\$45.20	-\$1.58
488	20-Jun-11	18	2	\$51.38	Yes	\$45.20	-\$6.18
489	20-Jun-11	18	2	\$51.38	Yes	\$45.20	-\$6.18
490	20-Jun-11	18	3	\$53.32	Yes	\$45.20	-\$8.12
491	20-Jun-11	18	3	\$53.32	Yes	\$45.20	-\$8.12

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
492	20-Jun-11	18	4	\$53.06	Yes	\$45.20	-\$7.86
493	20-Jun-11	18	4	\$53.06	Yes	\$45.20	-\$7.86
494	20-Jun-11	18	5	\$52.92	Yes	\$45.20	-\$7.72
495	20-Jun-11	18	5	\$52.92	Yes	\$45.20	-\$7.72
496	20-Jun-11	18	6	\$52.07	Yes	\$45.20	-\$6.87
497	20-Jun-11	18	6	\$52.07	Yes	\$45.20	-\$6.87
498	20-Jun-11	18	7	\$51.50	Yes	\$45.20	-\$6.30
499	20-Jun-11	18	7	\$51.50	Yes	\$45.20	-\$6.30
500	20-Jun-11	18	8	\$51.38	Yes	\$45.20	-\$6.18
501	20-Jun-11	18	8	\$51.38	Yes	\$45.20	-\$6.18
502	20-Jun-11	18	9	\$51.11	Yes	\$45.20	-\$5.91
503	20-Jun-11	18	9	\$51.11	Yes	\$45.20	-\$5.91
504	20-Jun-11	18	10	\$267.70	Yes	\$45.20	-\$222.50
505	20-Jun-11	18	10	\$267.70	Yes	\$45.20	-\$222.50
506	20-Jun-11	18	11	\$52.28	Yes	\$45.20	-\$7.08
507	20-Jun-11	18	11	\$52.28	Yes	\$45.20	-\$7.08
508	20-Jun-11	18	12	\$44.67	Yes	\$45.20	\$0.53
509	20-Jun-11	18	12	\$44.67	Yes	\$45.20	\$0.53
510	20-Jun-11	19	1	\$74.76	Yes	\$45.20	-\$29.56
511	20-Jun-11	19	1	\$74.76	Yes	\$45.20	-\$29.56
512	20-Jun-11	19	2	\$53.65	Yes	\$45.20	-\$8.45
513	20-Jun-11	19	2	\$53.65	Yes	\$45.20	-\$8.45
514	20-Jun-11	19	3	\$54.52	Yes	\$45.20	-\$9.32
515	20-Jun-11	19	3	\$54.52	Yes	\$45.20	-\$9.32
516	20-Jun-11	19	4	\$70.13	Yes	\$45.20	-\$24.93
517	20-Jun-11	19	4	\$70.13	Yes	\$45.20	-\$24.93
518	20-Jun-11	19	5	\$74.52	Yes	\$45.20	-\$29.32
519	20-Jun-11	19	5	\$74.52	Yes	\$45.20	-\$29.32
520	20-Jun-11	19	6	\$74.52	Yes	\$45.20	-\$29.32
521	20-Jun-11	19	6	\$74.52	Yes	\$45.20	-\$29.32
522	20-Jun-11	19	7	\$44.76	Yes	\$45.20	\$0.44
523	20-Jun-11	19	7	\$44.76	Yes	\$45.20	\$0.44
524	20-Jun-11	19	8	\$49.91	Yes	\$45.20	-\$4.71
525	20-Jun-11	19	8	\$49.91	Yes	\$45.20	-\$4.71
526	20-Jun-11	19	9	\$49.91	Yes	\$45.20	-\$4.71
527	20-Jun-11	19	9	\$49.91	Yes	\$45.20	-\$4.71
528	20-Jun-11	19	10	\$51.31	Yes	\$45.20	-\$6.11
529	20-Jun-11	19	10	\$51.31	Yes	\$45.20	-\$6.11
530	20-Jun-11	19	11	\$46.39	Yes	\$45.20	-\$1.19
531	20-Jun-11	19	11	\$46.39	Yes	\$45.20	-\$1.19
532	20-Jun-11	19	12	\$42.68	Yes	\$45.20	\$2.52
533	20-Jun-11	19	12	\$42.68	Yes	\$45.20	\$2.52
534	20-Jun-11	20	1	\$46.49	Yes	\$45.20	-\$1.29
535	20-Jun-11	20	1	\$46.49	Yes	\$45.20	-\$1.29
536	20-Jun-11	20	2	\$48.06	Yes	\$45.20	-\$2.86

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
537	20-Jun-11	20	2	\$48.06	Yes	\$45.20	-\$2.86
538	20-Jun-11	20	3	\$46.55	Yes	\$45.20	-\$1.35
539	20-Jun-11	20	3	\$46.55	Yes	\$45.20	-\$1.35
540	20-Jun-11	20	4	\$48.28	Yes	\$45.20	-\$3.08
541	20-Jun-11	20	4	\$48.28	Yes	\$45.20	-\$3.08
542	20-Jun-11	20	5	\$51.20	Yes	\$45.20	-\$6.00
543	20-Jun-11	20	5	\$51.20	Yes	\$45.20	-\$6.00
544	20-Jun-11	20	6	\$48.28	Yes	\$45.20	-\$3.08
545	20-Jun-11	20	6	\$48.28	Yes	\$45.20	-\$3.08
546	20-Jun-11	20	7	\$48.72	Yes	\$45.20	-\$3.52
547	20-Jun-11	20	7	\$48.72	Yes	\$45.20	-\$3.52
548	20-Jun-11	20	8	\$48.72	Yes	\$45.20	-\$3.52
549	20-Jun-11	20	8	\$48.72	Yes	\$45.20	-\$3.52
550	20-Jun-11	20	9	\$48.72	Yes	\$45.20	-\$3.52
551	20-Jun-11	20	9	\$48.72	Yes	\$45.20	-\$3.52
552	20-Jun-11	20	10	\$47.98	Yes	\$45.20	-\$2.78
553	20-Jun-11	20	10	\$47.98	Yes	\$45.20	-\$2.78
554	20-Jun-11	20	11	\$45.02	Yes	\$45.20	\$0.18
555	20-Jun-11	20	11	\$45.02	Yes	\$45.20	\$0.18
556	20-Jun-11	20	12	\$36.75	Yes	\$45.20	\$8.45
557	20-Jun-11	20	12	\$36.75	Yes	\$45.20	\$8.45
558	20-Jun-11	21	1	\$33.73	Yes	\$45.20	\$11.47
559	20-Jun-11	21	1	\$33.73	Yes	\$45.20	\$11.47
560	20-Jun-11	21	2	\$34.00	Yes	\$45.20	\$11.20
561	20-Jun-11	21	2	\$34.00	Yes	\$45.20	\$11.20
562	20-Jun-11	21	3	\$34.87	Yes	\$45.20	\$10.33
563	20-Jun-11	21	3	\$34.87	Yes	\$45.20	\$10.33
564	20-Jun-11	21	4	\$45.20	Yes	\$45.20	\$0.00
565	20-Jun-11	21	4	\$45.20	Yes	\$45.20	\$0.00
566	20-Jun-11	21	5	\$45.81	Yes	\$45.20	-\$0.61
567	20-Jun-11	21	5	\$45.81	Yes	\$45.20	-\$0.61
568	20-Jun-11	21	6	\$150.49	Yes	\$45.20	-\$105.29
569	20-Jun-11	21	6	\$150.49	Yes	\$45.20	-\$105.29
570	20-Jun-11	21	7	\$996.80	Yes	\$45.20	-\$951.60
571	20-Jun-11	21	7	\$996.80	Yes	\$45.20	-\$951.60
572	20-Jun-11	21	8	\$150.83	Yes	\$45.20	-\$105.63
573	20-Jun-11	21	8	\$150.83	Yes	\$45.20	-\$105.63
574	20-Jun-11	21	9	\$51.57	Yes	\$45.20	-\$6.37
575	20-Jun-11	21	9	\$51.57	Yes	\$45.20	-\$6.37
576	20-Jun-11	21	10	\$48.07	Yes	\$45.20	-\$2.87
577	20-Jun-11	21	10	\$48.07	Yes	\$45.20	-\$2.87
578	20-Jun-11	21	11	\$45.85	Yes	\$45.20	-\$0.65
579	20-Jun-11	21	11	\$45.85	Yes	\$45.20	-\$0.65
580	20-Jun-11	21	12	\$36.84	Yes	\$45.20	\$8.36
581	20-Jun-11	21	12	\$36.84	Yes	\$45.20	\$8.36

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
582	20-Jun-11	22	1	\$38.48	Yes	\$45.20	\$6.72
583	20-Jun-11	22	1	\$38.48	Yes	\$45.20	\$6.72
584	20-Jun-11	22	2	\$43.14	Yes	\$45.20	\$2.06
585	20-Jun-11	22	2	\$43.14	Yes	\$45.20	\$2.06
586	20-Jun-11	22	3	\$46.65	Yes	\$45.20	-\$1.45
587	20-Jun-11	22	3	\$46.65	Yes	\$45.20	-\$1.45
588	20-Jun-11	22	4	\$45.87	Yes	\$45.20	-\$0.67
589	20-Jun-11	22	4	\$45.87	Yes	\$45.20	-\$0.67
590	20-Jun-11	22	5	\$43.12	Yes	\$45.20	\$2.08
591	20-Jun-11	22	5	\$43.12	Yes	\$45.20	\$2.08
592	20-Jun-11	22	6	\$38.60	Yes	\$45.20	\$6.60
593	20-Jun-11	22	6	\$38.60	Yes	\$45.20	\$6.60
594	20-Jun-11	22	7	\$35.32	Yes	\$45.20	\$9.88
595	20-Jun-11	22	7	\$35.32	Yes	\$45.20	\$9.88
596	20-Jun-11	22	8	\$34.96	Yes	\$45.20	\$10.24
597	20-Jun-11	22	8	\$34.96	Yes	\$45.20	\$10.24
598	20-Jun-11	22	9	\$34.51	Yes	\$45.20	\$10.69
599	20-Jun-11	22	9	\$34.51	Yes	\$45.20	\$10.69
600	20-Jun-11	22	10	\$32.10	Yes	\$45.20	\$13.10
601	20-Jun-11	22	10	\$32.10	Yes	\$45.20	\$13.10
602	20-Jun-11	22	11	\$34.91	Yes	\$45.20	\$10.29
603	20-Jun-11	22	11	\$34.91	Yes	\$45.20	\$10.29
604	20-Jun-11	22	12	\$32.96	Yes	\$45.20	\$12.24
605	20-Jun-11	22	12	\$32.96	Yes	\$45.20	\$12.24
606	20-Jun-11	23	1	\$1,015.30	Yes	\$45.20	-\$970.10
607	20-Jun-11	23	2	\$60.74	Yes	\$45.20	-\$15.54
608	20-Jun-11	23	3	\$83.68	Yes	\$45.20	-\$38.48
609	20-Jun-11	23	4	\$15.87	Yes	\$45.20	\$29.33
610	20-Jun-11	23	5	\$46.34	Yes	\$45.20	-\$1.14
611	20-Jun-11	23	6	\$46.34	Yes	\$45.20	-\$1.14
612	20-Jun-11	23	7	\$40.69	Yes	\$45.20	\$4.51
613	20-Jun-11	23	8	\$45.07	Yes	\$45.20	\$0.13
614	20-Jun-11	23	9	\$44.48	Yes	\$45.20	\$0.72
615	20-Jun-11	23	10	\$45.22	Yes	\$45.20	-\$0.02
616	20-Jun-11	23	11	\$30.61	Yes	\$45.20	\$14.59
617	20-Jun-11	23	12	\$20.66	Yes	\$45.20	\$24.54
618	20-Jun-11	24	1	\$34.89	Yes	\$46.16	\$11.27
619	20-Jun-11	24	2	\$38.65	Yes	\$46.16	\$7.51
620	20-Jun-11	24	3	\$46.25	Yes	\$46.16	-\$0.09
621	20-Jun-11	24	4	\$35.04	Yes	\$46.16	\$11.12
622	20-Jun-11	24	5	\$46.02	Yes	\$46.16	\$0.14
623	20-Jun-11	24	6	\$1,001.48	Yes	\$46.16	-\$955.32
624	20-Jun-11	24	7	\$33.02	Yes	\$46.16	\$13.14
625	20-Jun-11	24	8	\$45.92	Yes	\$46.16	\$0.24
626	20-Jun-11	24	9	\$55.58	Yes	\$46.16	-\$9.42

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
627	20-Jun-11	24	10	\$38.67	Yes	\$46.16	\$7.49
628	20-Jun-11	24	11	\$34.45	Yes	\$46.16	\$11.71
629	20-Jun-11	24	12	\$28.43	Yes	\$46.16	\$17.73
630	21-Jun-11	1	1	\$0.01	Yes	\$46.16	\$46.15
631	21-Jun-11	1	2	\$37.83	Yes	\$46.16	\$8.33
632	21-Jun-11	1	3	\$51.26	Yes	\$46.16	-\$5.10
633	21-Jun-11	1	4	\$40.61	Yes	\$46.16	\$5.55
634	21-Jun-11	1	5	\$34.93	Yes	\$46.16	\$11.23
635	21-Jun-11	1	6	\$32.04	Yes	\$46.16	\$14.12
636	21-Jun-11	1	7	\$0.01	Yes	\$46.16	\$46.15
637	21-Jun-11	1	8	\$38.81	Yes	\$46.16	\$7.35
638	21-Jun-11	1	9	\$51.93	Yes	\$46.16	-\$5.77
639	21-Jun-11	1	10	\$38.73	Yes	\$46.16	\$7.43
640	21-Jun-11	1	11	\$38.73	Yes	\$46.16	\$7.43
641	21-Jun-11	1	12	\$31.68	Yes	\$46.16	\$14.48
642	21-Jun-11	2	1	\$1,004.48	Yes	\$46.16	-\$958.32
643	21-Jun-11	2	2	\$70.93	Yes	\$46.16	-\$24.77
644	21-Jun-11	2	3	\$42.52	Yes	\$46.16	\$3.64
645	21-Jun-11	2	4	\$37.72	Yes	\$46.16	\$8.44
646	21-Jun-11	2	5	\$37.72	Yes	\$46.16	\$8.44
647	21-Jun-11	2	6	\$37.72	Yes	\$46.16	\$8.44
648	21-Jun-11	2	7	\$37.74	Yes	\$46.16	\$8.42
649	21-Jun-11	2	8	\$32.74	Yes	\$46.16	\$13.42
650	21-Jun-11	2	9	\$30.55	Yes	\$46.16	\$15.61
651	21-Jun-11	2	10	-\$0.01	Yes	\$46.16	\$46.17
652	21-Jun-11	2	11	-\$0.01	Yes	\$46.16	\$46.17
653	21-Jun-11	2	12	\$25.58	Yes	\$46.16	\$20.58
654	21-Jun-11	3	1	\$34.95	Yes	\$46.16	\$11.21
655	21-Jun-11	3	2	\$34.95	Yes	\$46.16	\$11.21
656	21-Jun-11	3	3	\$37.82	Yes	\$46.16	\$8.34
657	21-Jun-11	3	4	\$31.76	Yes	\$46.16	\$14.40
658	21-Jun-11	3	5	\$30.62	Yes	\$46.16	\$15.54
659	21-Jun-11	3	6	\$30.62	Yes	\$46.16	\$15.54
660	21-Jun-11	3	7	-\$0.01	Yes	\$46.16	\$46.17
661	21-Jun-11	3	8	-\$0.01	Yes	\$46.16	\$46.17
662	21-Jun-11	3	9	-\$0.01	Yes	\$46.16	\$46.17
663	21-Jun-11	3	10	-\$0.01	Yes	\$46.16	\$46.17
664	21-Jun-11	3	11	-\$0.01	Yes	\$46.16	\$46.17
665	21-Jun-11	3	12	-\$0.01	Yes	\$46.16	\$46.17
666	21-Jun-11	4	1	-\$0.01	Yes	\$46.16	\$46.17
667	21-Jun-11	4	2	-\$0.01	Yes	\$46.16	\$46.17
668	21-Jun-11	4	3	-\$0.01	Yes	\$46.16	\$46.17
669	21-Jun-11	4	4	-\$0.01	Yes	\$46.16	\$46.17
670	21-Jun-11	4	5	-\$0.01	Yes	\$46.16	\$46.17
671	21-Jun-11	4	6	-\$0.01	Yes	\$46.16	\$46.17

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672	21-Jun-11	4	7	-\$0.01	Yes	\$46.16	\$46.17
673	21-Jun-11	4	8	-\$0.01	Yes	\$46.16	\$46.17
674	21-Jun-11	4	9	-\$0.01	Yes	\$46.16	\$46.17
675	21-Jun-11	4	10	-\$0.01	Yes	\$46.16	\$46.17
676	21-Jun-11	4	11	-\$0.01	Yes	\$46.16	\$46.17
677	21-Jun-11	4	12	-\$0.01	Yes	\$46.16	\$46.17
678	21-Jun-11	5	1	-\$0.04	Yes	\$46.16	\$46.20
679	21-Jun-11	5	2	-\$0.04	Yes	\$46.16	\$46.20
680	21-Jun-11	5	3	-\$1.08	Yes	\$46.16	\$47.24
681	21-Jun-11	5	4	-\$1.10	Yes	\$46.16	\$47.26
682	21-Jun-11	5	5	-\$0.04	Yes	\$46.16	\$46.20
683	21-Jun-11	5	6	-\$0.04	Yes	\$46.16	\$46.20
684	21-Jun-11	5	7	-\$0.04	Yes	\$46.16	\$46.20
685	21-Jun-11	5	8	-\$0.04	Yes	\$46.16	\$46.20
686	21-Jun-11	5	9	-\$0.04	Yes	\$46.16	\$46.20
687	21-Jun-11	5	10	-\$0.01	Yes	\$46.16	\$46.17
688	21-Jun-11	5	11	-\$0.01	Yes	\$46.16	\$46.17
689	21-Jun-11	5	12	\$30.64	Yes	\$46.16	\$15.52
690	21-Jun-11	6	1	-\$0.04	Yes	\$46.16	\$46.20
691	21-Jun-11	6	2	-\$0.02	Yes	\$46.16	\$46.18
692	21-Jun-11	6	3	-\$0.04	Yes	\$46.16	\$46.20
693	21-Jun-11	6	4	-\$0.04	Yes	\$46.16	\$46.20
694	21-Jun-11	6	5	-\$0.04	Yes	\$46.16	\$46.20
695	21-Jun-11	6	6	-\$0.04	Yes	\$46.16	\$46.20
696	21-Jun-11	6	7	-\$11.22	Yes	\$46.16	\$57.38
697	21-Jun-11	6	8	-\$11.22	Yes	\$46.16	\$57.38
698	21-Jun-11	6	9	-\$33.72	Yes	\$46.16	\$79.88
699	21-Jun-11	6	10	-\$30.49	Yes	\$46.16	\$76.65
700	21-Jun-11	6	11	-\$33.46	Yes	\$46.16	\$79.62
701	21-Jun-11	6	12	-\$35.09	Yes	\$46.16	\$81.25
702	21-Jun-11	7	1	-\$31.28	Yes	\$46.16	\$77.44
703	21-Jun-11	7	2	-\$29.86	Yes	\$46.16	\$76.02
704	21-Jun-11	7	3	-\$30.83	Yes	\$46.16	\$76.99
705	21-Jun-11	7	4	-\$31.01	Yes	\$46.16	\$77.17
706	21-Jun-11	7	5	-\$31.01	Yes	\$46.16	\$77.17
707	21-Jun-11	7	6	-\$0.04	Yes	\$46.16	\$46.20
708	21-Jun-11	7	7	-\$0.04	Yes	\$46.16	\$46.20
709	21-Jun-11	7	8	\$0.01	Yes	\$46.16	\$46.15
710	21-Jun-11	7	9	\$26.47	Yes	\$46.16	\$19.69
711	21-Jun-11	7	10	\$30.67	Yes	\$46.16	\$15.49
712	21-Jun-11	7	11	\$32.00	Yes	\$46.16	\$14.16
713	21-Jun-11	7	12	\$26.70	Yes	\$46.16	\$19.46
714	21-Jun-11	8	1	\$0.01	Yes	\$46.16	\$46.15
715	21-Jun-11	8	2	-\$0.01	Yes	\$46.16	\$46.17
716	21-Jun-11	8	3	\$0.01	Yes	\$46.16	\$46.15

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717	21-Jun-11	8	4	\$26.73	Yes	\$46.16	\$19.43
718	21-Jun-11	8	5	\$26.73	Yes	\$46.16	\$19.43
719	21-Jun-11	8	6	\$27.18	Yes	\$46.16	\$18.98
720	21-Jun-11	8	7	\$32.40	Yes	\$46.16	\$13.76
721	21-Jun-11	8	8	\$31.71	Yes	\$46.16	\$14.45
722	21-Jun-11	8	9	\$32.40	Yes	\$46.16	\$13.76
723	21-Jun-11	8	10	\$32.47	Yes	\$46.16	\$13.69
724	21-Jun-11	8	11	\$38.20	Yes	\$46.16	\$7.96
725	21-Jun-11	8	12	\$38.84	Yes	\$46.16	\$7.32
726	21-Jun-11	9	1	\$0.01	Yes	\$46.16	\$46.15
727	21-Jun-11	9	2	\$0.01	Yes	\$46.16	\$46.15
728	21-Jun-11	9	3	\$7.63	Yes	\$46.16	\$38.53
729	21-Jun-11	9	4	\$10.80	Yes	\$46.16	\$35.36
730	21-Jun-11	9	5	\$26.52	Yes	\$46.16	\$19.64
731	21-Jun-11	9	6	\$26.52	Yes	\$46.16	\$19.64
732	21-Jun-11	9	7	\$26.89	Yes	\$46.16	\$19.27
733	21-Jun-11	9	8	\$27.10	Yes	\$46.16	\$19.06
734	21-Jun-11	9	9	\$29.00	Yes	\$46.16	\$17.16
735	21-Jun-11	9	10	\$29.14	Yes	\$46.16	\$17.02
736	21-Jun-11	9	11	\$30.19	Yes	\$46.16	\$15.97
737	21-Jun-11	9	12	\$25.52	Yes	\$46.16	\$20.64
738	21-Jun-11	10	1	\$0.12	Yes	\$46.16	\$46.04
739	21-Jun-11	10	2	-\$0.01	Yes	\$46.16	\$46.17
740	21-Jun-11	10	3	-\$0.01	Yes	\$46.16	\$46.17
741	21-Jun-11	10	4	\$0.01	Yes	\$46.16	\$46.15
742	21-Jun-11	10	5	\$12.17	Yes	\$46.16	\$33.99
743	21-Jun-11	10	6	\$19.20	Yes	\$46.16	\$26.96
744	21-Jun-11	10	7	\$19.20	Yes	\$46.16	\$26.96
745	21-Jun-11	10	8	\$18.60	Yes	\$46.16	\$27.56
746	21-Jun-11	10	9	\$12.30	Yes	\$46.16	\$33.86
747	21-Jun-11	10	10	\$18.58	Yes	\$46.16	\$27.58
748	21-Jun-11	10	11	\$18.58	Yes	\$46.16	\$27.58
749	21-Jun-11	10	12	\$19.40	Yes	\$46.16	\$26.76
750	21-Jun-11	11	1	\$18.48	Yes	\$46.16	\$27.68
751	21-Jun-11	11	2	\$18.48	Yes	\$46.16	\$27.68
752	21-Jun-11	11	3	\$19.51	Yes	\$46.16	\$26.65
753	21-Jun-11	11	4	\$20.89	Yes	\$46.16	\$25.27
754	21-Jun-11	11	5	\$19.69	Yes	\$46.16	\$26.47
755	21-Jun-11	11	6	\$20.89	Yes	\$46.16	\$25.27
756	21-Jun-11	11	7	\$24.75	Yes	\$46.16	\$21.41
757	21-Jun-11	11	8	\$27.41	Yes	\$46.16	\$18.75
758	21-Jun-11	11	9	\$27.89	Yes	\$46.16	\$18.27
759	21-Jun-11	11	10	\$29.08	Yes	\$46.16	\$17.08
760	21-Jun-11	11	11	\$28.28	Yes	\$46.16	\$17.88
761	21-Jun-11	11	12	\$27.42	Yes	\$46.16	\$18.74

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
762	21-Jun-11	12	1	\$22.33	Yes	\$46.16	\$23.83
763	21-Jun-11	12	2	\$19.51	Yes	\$46.16	\$26.65
764	21-Jun-11	12	3	\$24.46	Yes	\$46.16	\$21.70
765	21-Jun-11	12	4	\$23.34	Yes	\$46.16	\$22.82
766	21-Jun-11	12	5	\$20.80	Yes	\$46.16	\$25.36
767	21-Jun-11	12	6	\$27.16	Yes	\$46.16	\$19.00
768	21-Jun-11	12	7	\$26.34	Yes	\$46.16	\$19.82
769	21-Jun-11	12	8	\$27.58	Yes	\$46.16	\$18.58
770	21-Jun-11	12	9	\$27.58	Yes	\$46.16	\$18.58
771	21-Jun-11	12	10	\$27.00	Yes	\$46.16	\$19.16
772	21-Jun-11	12	11	\$29.34	Yes	\$46.16	\$16.82
773	21-Jun-11	12	12	\$31.07	Yes	\$46.16	\$15.09
774	21-Jun-11	13	1	\$27.15	Yes	\$46.16	\$19.01
775	21-Jun-11	13	2	\$28.30	Yes	\$46.16	\$17.86
776	21-Jun-11	13	3	\$28.99	Yes	\$46.16	\$17.17
777	21-Jun-11	13	4	\$30.86	Yes	\$46.16	\$15.30
778	21-Jun-11	13	5	\$30.86	Yes	\$46.16	\$15.30
779	21-Jun-11	13	6	\$46.48	Yes	\$46.16	-\$0.32
780	21-Jun-11	13	7	\$36.49	Yes	\$46.16	\$9.67
781	21-Jun-11	13	8	\$34.49	Yes	\$46.16	\$11.67
782	21-Jun-11	13	9	\$36.33	Yes	\$46.16	\$9.83
783	21-Jun-11	13	10	\$36.64	Yes	\$46.16	\$9.52
784	21-Jun-11	13	11	\$40.03	Yes	\$46.16	\$6.13
785	21-Jun-11	13	12	\$44.16	Yes	\$46.16	\$2.00
786	21-Jun-11	14	1	\$26.35	Yes	\$46.16	\$19.81
787	21-Jun-11	14	2	\$30.05	Yes	\$46.16	\$16.11
788	21-Jun-11	14	3	\$30.77	Yes	\$46.16	\$15.39
789	21-Jun-11	14	4	\$30.74	Yes	\$46.16	\$15.42
790	21-Jun-11	14	5	\$30.81	Yes	\$46.16	\$15.35
791	21-Jun-11	14	6	\$30.81	Yes	\$46.16	\$15.35
792	21-Jun-11	14	7	\$33.18	Yes	\$46.16	\$12.98
793	21-Jun-11	14	8	\$38.98	Yes	\$46.16	\$7.18
794	21-Jun-11	14	9	\$42.56	Yes	\$46.16	\$3.60
795	21-Jun-11	14	10	\$49.54	Yes	\$46.16	-\$3.38
796	21-Jun-11	14	11	\$46.16	Yes	\$46.16	\$0.00
797	21-Jun-11	14	12	\$40.58	Yes	\$46.16	\$5.58
798	21-Jun-11	15	1	\$37.26	Yes	\$46.16	\$8.90
799	21-Jun-11	15	2	\$37.39	Yes	\$46.16	\$8.77
800	21-Jun-11	15	3	\$46.90	Yes	\$46.16	-\$0.74
801	21-Jun-11	15	4	\$37.41	Yes	\$46.16	\$8.75
802	21-Jun-11	15	5	\$46.16	Yes	\$46.16	\$0.00
803	21-Jun-11	15	6	\$44.71	Yes	\$46.16	\$1.45
804	21-Jun-11	15	7	\$44.61	Yes	\$46.16	\$1.55
805	21-Jun-11	15	8	\$46.87	Yes	\$46.16	-\$0.71
806	21-Jun-11	15	9	\$52.21	Yes	\$46.16	-\$6.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
807	21-Jun-11	15	10	\$50.52	Yes	\$46.16	-\$4.36
808	21-Jun-11	15	11	\$52.52	Yes	\$46.16	-\$6.36
809	21-Jun-11	15	12	\$202.55	Yes	\$46.16	-\$156.39
810	21-Jun-11	16	1	\$995.30	Yes	\$46.16	-\$949.14
811	21-Jun-11	16	2	\$61.19	Yes	\$46.16	-\$15.03
812	21-Jun-11	16	3	\$995.30	Yes	\$46.16	-\$949.14
813	21-Jun-11	16	4	\$61.21	Yes	\$46.16	-\$15.05
814	21-Jun-11	16	5	\$87.04	Yes	\$46.16	-\$40.88
815	21-Jun-11	16	6	\$84.70	Yes	\$46.16	-\$38.54
816	21-Jun-11	16	7	\$743.40	Yes	\$46.16	-\$697.24
817	21-Jun-11	16	8	\$97.95	Yes	\$46.16	-\$51.79
818	21-Jun-11	16	9	\$52.49	Yes	\$46.16	-\$6.33
819	21-Jun-11	16	10	\$61.07	Yes	\$46.16	-\$14.91
820	21-Jun-11	16	11	\$56.08	Yes	\$46.16	-\$9.92
821	21-Jun-11	16	12	\$58.09	Yes	\$46.16	-\$11.93
822	21-Jun-11	17	1	\$56.83	Yes	\$46.16	-\$10.67
823	21-Jun-11	17	2	\$56.20	Yes	\$46.16	-\$10.04
824	21-Jun-11	17	3	\$61.49	Yes	\$46.16	-\$15.33
825	21-Jun-11	17	4	\$53.68	Yes	\$46.16	-\$7.52
826	21-Jun-11	17	5	\$48.08	Yes	\$46.16	-\$1.92
827	21-Jun-11	17	6	\$53.68	Yes	\$46.16	-\$7.52
828	21-Jun-11	17	7	\$54.62	Yes	\$46.16	-\$8.46
829	21-Jun-11	17	8	\$54.83	Yes	\$46.16	-\$8.67
830	21-Jun-11	17	9	\$54.83	Yes	\$46.16	-\$8.67
831	21-Jun-11	17	10	\$85.44	Yes	\$46.16	-\$39.28
832	21-Jun-11	17	11	\$46.83	Yes	\$46.16	-\$0.67
833	21-Jun-11	17	12	\$51.01	Yes	\$46.16	-\$4.85
834	21-Jun-11	18	1	\$46.16	Yes	\$46.16	\$0.00
835	21-Jun-11	18	2	\$50.32	Yes	\$46.16	-\$4.16
836	21-Jun-11	18	3	\$52.71	Yes	\$46.16	-\$6.55
837	21-Jun-11	18	4	\$50.89	Yes	\$46.16	-\$4.73
838	21-Jun-11	18	5	\$48.39	Yes	\$46.16	-\$2.23
839	21-Jun-11	18	6	\$49.64	Yes	\$46.16	-\$3.48
840	21-Jun-11	18	7	\$44.66	Yes	\$46.16	\$1.50
841	21-Jun-11	18	8	\$40.46	Yes	\$46.16	\$5.70
842	21-Jun-11	18	9	\$37.31	Yes	\$46.16	\$8.85
843	21-Jun-11	18	10	\$35.94	Yes	\$46.16	\$10.22
844	21-Jun-11	18	11	\$33.94	Yes	\$46.16	\$12.22
845	21-Jun-11	18	12	\$30.72	Yes	\$46.16	\$15.44
846	21-Jun-11	19	1	\$30.93	Yes	\$46.16	\$15.23
847	21-Jun-11	19	2	\$30.48	Yes	\$46.16	\$15.68
848	21-Jun-11	19	3	\$26.95	Yes	\$46.16	\$19.21
849	21-Jun-11	19	4	\$27.76	Yes	\$46.16	\$18.40
850	21-Jun-11	19	5	\$30.73	Yes	\$46.16	\$15.43
851	21-Jun-11	19	6	\$30.73	Yes	\$46.16	\$15.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
852	21-Jun-11	19	7	\$30.25	Yes	\$46.16	\$15.91
853	21-Jun-11	19	8	\$28.72	Yes	\$46.16	\$17.44
854	21-Jun-11	19	9	\$30.11	Yes	\$46.16	\$16.05
855	21-Jun-11	19	10	\$28.80	Yes	\$46.16	\$17.36
856	21-Jun-11	19	11	\$27.78	Yes	\$46.16	\$18.38
857	21-Jun-11	19	12	\$26.35	Yes	\$46.16	\$19.82
858	21-Jun-11	20	1	\$32.03	Yes	\$46.16	\$14.13
859	21-Jun-11	20	2	\$34.65	Yes	\$46.16	\$11.51
860	21-Jun-11	20	3	\$39.46	Yes	\$46.16	\$6.70
861	21-Jun-11	20	4	\$35.63	Yes	\$46.16	\$10.53
862	21-Jun-11	20	5	\$36.62	Yes	\$46.16	\$9.54
863	21-Jun-11	20	6	\$43.14	Yes	\$46.16	\$3.02
864	21-Jun-11	20	7	\$34.09	Yes	\$46.16	\$12.07
865	21-Jun-11	20	8	\$43.70	Yes	\$46.16	\$2.46
866	21-Jun-11	20	9	\$43.09	Yes	\$46.16	\$3.07
867	21-Jun-11	20	10	\$37.97	Yes	\$46.16	\$8.19
868	21-Jun-11	20	11	\$44.26	Yes	\$46.16	\$1.90
869	21-Jun-11	20	12	\$37.70	Yes	\$46.16	\$8.46
870	21-Jun-11	21	1	\$45.55	Yes	\$46.16	\$0.61
871	21-Jun-11	21	2	\$52.49	Yes	\$46.16	-\$6.33
872	21-Jun-11	21	3	\$42.17	Yes	\$46.16	\$3.99
873	21-Jun-11	21	4	\$44.11	Yes	\$46.16	\$2.05
874	21-Jun-11	21	5	\$46.47	Yes	\$46.16	-\$0.31
875	21-Jun-11	21	6	\$46.32	Yes	\$46.16	-\$0.16
876	21-Jun-11	21	7	\$44.34	Yes	\$46.16	\$1.82
877	21-Jun-11	21	8	\$44.10	Yes	\$46.16	\$2.06
878	21-Jun-11	21	9	\$42.34	Yes	\$46.16	\$3.82
879	21-Jun-11	21	10	\$35.78	Yes	\$46.16	\$10.38
880	21-Jun-11	21	11	\$33.00	Yes	\$46.16	\$13.16
881	21-Jun-11	21	12	\$30.51	Yes	\$46.16	\$15.65
882	21-Jun-11	22	1	\$46.73	Yes	\$46.16	-\$0.57
883	21-Jun-11	22	2	\$45.78	Yes	\$46.16	\$0.38
884	21-Jun-11	22	3	\$36.69	Yes	\$46.16	\$9.47
885	21-Jun-11	22	4	\$35.68	Yes	\$46.16	\$10.48
886	21-Jun-11	22	5	\$34.26	Yes	\$46.16	\$11.90
887	21-Jun-11	22	6	\$30.72	Yes	\$46.16	\$15.44
888	21-Jun-11	22	7	\$30.50	Yes	\$46.16	\$15.66
889	21-Jun-11	22	8	\$29.44	Yes	\$46.16	\$16.72
890	21-Jun-11	22	9	\$28.38	Yes	\$46.16	\$17.78
891	21-Jun-11	22	10	\$26.35	Yes	\$46.16	\$19.81
892	21-Jun-11	22	11	\$18.21	Yes	\$46.16	\$27.95
893	21-Jun-11	22	12	\$17.27	Yes	\$46.16	\$28.89
894	21-Jun-11	23	1	\$37.56	Yes	\$46.16	\$8.60
895	21-Jun-11	23	2	\$35.39	Yes	\$46.16	\$10.77
896	21-Jun-11	23	3	\$48.58	Yes	\$46.16	-\$2.42

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
897	21-Jun-11	23	4	\$46.36	Yes	\$46.16	-\$0.20
898	21-Jun-11	23	5	\$37.88	Yes	\$46.16	\$8.28
899	21-Jun-11	23	6	\$37.88	Yes	\$46.16	\$8.28
900	21-Jun-11	23	7	\$37.79	Yes	\$46.16	\$8.37
901	21-Jun-11	23	8	\$37.79	Yes	\$46.16	\$8.37
902	21-Jun-11	23	9	\$35.39	Yes	\$46.16	\$10.77
903	21-Jun-11	23	10	\$36.76	Yes	\$46.16	\$9.40
904	21-Jun-11	23	11	\$29.72	Yes	\$46.16	\$16.44
905	21-Jun-11	23	12	\$0.01	Yes	\$46.16	\$46.15
906	21-Jun-11	24	1	\$35.48	Yes	\$47.10	\$11.62
907	21-Jun-11	24	2	\$993.53	Yes	\$47.10	-\$946.43
908	21-Jun-11	24	3	\$50.56	Yes	\$47.10	-\$3.46
909	21-Jun-11	24	4	\$54.74	Yes	\$47.10	-\$7.64
910	21-Jun-11	24	5	\$52.80	Yes	\$47.10	-\$5.70
911	21-Jun-11	24	6	\$52.51	Yes	\$47.10	-\$5.41
912	21-Jun-11	24	7	\$41.56	Yes	\$47.10	\$5.54
913	21-Jun-11	24	8	\$39.53	Yes	\$47.10	\$7.57
914	21-Jun-11	24	9	\$37.52	Yes	\$47.10	\$9.58
915	21-Jun-11	24	10	\$36.85	Yes	\$47.10	\$10.25
916	21-Jun-11	24	11	\$28.32	Yes	\$47.10	\$18.78
917	21-Jun-11	24	12	\$0.01	Yes	\$47.10	\$47.09
918	22-Jun-11	1	1	\$34.09	Yes	\$47.10	\$13.01
919	22-Jun-11	1	2	\$38.93	Yes	\$47.10	\$8.17
920	22-Jun-11	1	3	\$45.10	Yes	\$47.10	\$2.00
921	22-Jun-11	1	4	\$33.40	Yes	\$47.10	\$13.70
922	22-Jun-11	1	5	\$33.40	Yes	\$47.10	\$13.70
923	22-Jun-11	1	6	\$32.60	Yes	\$47.10	\$14.50
924	22-Jun-11	1	7	\$32.99	Yes	\$47.10	\$14.11
925	22-Jun-11	1	8	\$32.38	Yes	\$47.10	\$14.72
926	22-Jun-11	1	9	\$0.01	Yes	\$47.10	\$47.09
927	22-Jun-11	1	10	\$33.24	Yes	\$47.10	\$13.86
928	22-Jun-11	1	11	\$37.04	Yes	\$47.10	\$10.06
929	22-Jun-11	1	12	\$33.15	Yes	\$47.10	\$13.95
930	22-Jun-11	2	1	\$75.32	Yes	\$47.10	-\$28.22
931	22-Jun-11	2	2	\$41.62	Yes	\$47.10	\$5.48
932	22-Jun-11	2	3	\$39.36	Yes	\$47.10	\$7.74
933	22-Jun-11	2	4	\$33.17	Yes	\$47.10	\$13.93
934	22-Jun-11	2	5	\$33.17	Yes	\$47.10	\$13.93
935	22-Jun-11	2	6	\$33.17	Yes	\$47.10	\$13.93
936	22-Jun-11	2	7	\$33.17	Yes	\$47.10	\$13.93
937	22-Jun-11	2	8	\$9.36	Yes	\$47.10	\$37.74
938	22-Jun-11	2	9	\$9.36	Yes	\$47.10	\$37.74
939	22-Jun-11	2	10	\$9.01	Yes	\$47.10	\$38.09
940	22-Jun-11	2	11	-\$0.01	Yes	\$47.10	\$47.11
941	22-Jun-11	2	12	-\$0.02	Yes	\$47.10	\$47.12

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942	22-Jun-11	3	1	-\$0.01	Yes	\$47.10	\$47.11
943	22-Jun-11	3	2	-\$0.01	Yes	\$47.10	\$47.11
944	22-Jun-11	3	3	-\$0.02	Yes	\$47.10	\$47.12
945	22-Jun-11	3	4	-\$0.01	Yes	\$47.10	\$47.11
946	22-Jun-11	3	5	-\$0.01	Yes	\$47.10	\$47.11
947	22-Jun-11	3	6	-\$0.01	Yes	\$47.10	\$47.11
948	22-Jun-11	3	7	-\$0.01	Yes	\$47.10	\$47.11
949	22-Jun-11	3	8	\$0.01	Yes	\$47.10	\$47.09
950	22-Jun-11	3	9	\$0.01	Yes	\$47.10	\$47.09
951	22-Jun-11	3	10	-\$0.01	Yes	\$47.10	\$47.11
952	22-Jun-11	3	11	-\$0.01	Yes	\$47.10	\$47.11
953	22-Jun-11	3	12	-\$0.01	Yes	\$47.10	\$47.11
954	22-Jun-11	4	1	-\$0.01	Yes	\$47.10	\$47.11
955	22-Jun-11	4	2	-\$0.02	Yes	\$47.10	\$47.12
956	22-Jun-11	4	3	-\$0.02	Yes	\$47.10	\$47.12
957	22-Jun-11	4	4	-\$0.02	Yes	\$47.10	\$47.12
958	22-Jun-11	4	5	-\$0.02	Yes	\$47.10	\$47.12
959	22-Jun-11	4	6	-\$0.04	Yes	\$47.10	\$47.14
960	22-Jun-11	4	7	-\$0.04	Yes	\$47.10	\$47.14
961	22-Jun-11	4	8	-\$0.04	Yes	\$47.10	\$47.14
962	22-Jun-11	4	9	-\$0.04	Yes	\$47.10	\$47.14
963	22-Jun-11	4	10	-\$0.04	Yes	\$47.10	\$47.14
964	22-Jun-11	4	11	-\$0.02	Yes	\$47.10	\$47.12
965	22-Jun-11	4	12	-\$0.04	Yes	\$47.10	\$47.14
966	22-Jun-11	5	1	-\$0.04	Yes	\$47.10	\$47.14
967	22-Jun-11	5	2	-\$0.04	Yes	\$47.10	\$47.14
968	22-Jun-11	5	3	-\$0.04	Yes	\$47.10	\$47.14
969	22-Jun-11	5	4	-\$0.04	Yes	\$47.10	\$47.14
970	22-Jun-11	5	5	-\$0.04	Yes	\$47.10	\$47.14
971	22-Jun-11	5	6	-\$0.02	Yes	\$47.10	\$47.12
972	22-Jun-11	5	7	-\$0.02	Yes	\$47.10	\$47.12
973	22-Jun-11	5	8	-\$0.01	Yes	\$47.10	\$47.11
974	22-Jun-11	5	9	\$32.44	Yes	\$47.10	\$14.66
975	22-Jun-11	5	10	\$35.37	Yes	\$47.10	\$11.73
976	22-Jun-11	5	11	\$33.23	Yes	\$47.10	\$13.87
977	22-Jun-11	5	12	\$33.23	Yes	\$47.10	\$13.87
978	22-Jun-11	6	1	-\$0.01	Yes	\$47.10	\$47.11
979	22-Jun-11	6	2	-\$0.04	Yes	\$47.10	\$47.14
980	22-Jun-11	6	3	-\$0.04	Yes	\$47.10	\$47.14
981	22-Jun-11	6	4	-\$0.02	Yes	\$47.10	\$47.12
982	22-Jun-11	6	5	-\$0.02	Yes	\$47.10	\$47.12
983	22-Jun-11	6	6	-\$0.01	Yes	\$47.10	\$47.11
984	22-Jun-11	6	7	-\$0.01	Yes	\$47.10	\$47.11
985	22-Jun-11	6	8	-\$0.01	Yes	\$47.10	\$47.11
986	22-Jun-11	6	9	-\$0.01	Yes	\$47.10	\$47.11

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987	22-Jun-11	6	10	-\$0.01	Yes	\$47.10	\$47.11
988	22-Jun-11	6	11	\$11.33	Yes	\$47.10	\$35.77
989	22-Jun-11	6	12	-\$0.01	Yes	\$47.10	\$47.11
990	22-Jun-11	7	1	-\$0.04	Yes	\$47.10	\$47.14
991	22-Jun-11	7	2	-\$0.01	Yes	\$47.10	\$47.11
992	22-Jun-11	7	3	\$0.10	Yes	\$47.10	\$47.00
993	22-Jun-11	7	4	-\$0.01	Yes	\$47.10	\$47.11
994	22-Jun-11	7	5	\$0.10	Yes	\$47.10	\$47.00
995	22-Jun-11	7	6	\$20.28	Yes	\$47.10	\$26.82
996	22-Jun-11	7	7	\$0.01	Yes	\$47.10	\$47.09
997	22-Jun-11	7	8	\$0.01	Yes	\$47.10	\$47.09
998	22-Jun-11	7	9	\$20.33	Yes	\$47.10	\$26.77
999	22-Jun-11	7	10	\$26.23	Yes	\$47.10	\$20.87
1000	22-Jun-11	7	11	\$26.23	Yes	\$47.10	\$20.87
1001	22-Jun-11	7	12	-\$0.01	Yes	\$47.10	\$47.11
1002	22-Jun-11	8	1	-\$2.01	Yes	\$47.10	\$49.11
1003	22-Jun-11	8	2	-\$2.01	Yes	\$47.10	\$49.11
1004	22-Jun-11	8	3	-\$1.05	Yes	\$47.10	\$48.15
1005	22-Jun-11	8	4	-\$2.17	Yes	\$47.10	\$49.27
1006	22-Jun-11	8	5	-\$1.09	Yes	\$47.10	\$48.19
1007	22-Jun-11	8	6	-\$0.04	Yes	\$47.10	\$47.14
1008	22-Jun-11	8	7	-\$0.04	Yes	\$47.10	\$47.14
1009	22-Jun-11	8	8	-\$0.04	Yes	\$47.10	\$47.14
1010	22-Jun-11	8	9	-\$0.01	Yes	\$47.10	\$47.11
1011	22-Jun-11	8	10	\$0.01	Yes	\$47.10	\$47.09
1012	22-Jun-11	8	11	\$17.00	Yes	\$47.10	\$30.10
1013	22-Jun-11	8	12	\$19.23	Yes	\$47.10	\$27.87
1014	22-Jun-11	9	1	\$15.01	Yes	\$47.10	\$32.09
1015	22-Jun-11	9	2	\$15.01	Yes	\$47.10	\$32.09
1016	22-Jun-11	9	3	\$0.01	Yes	\$47.10	\$47.09
1017	22-Jun-11	9	4	\$0.01	Yes	\$47.10	\$47.09
1018	22-Jun-11	9	5	\$0.01	Yes	\$47.10	\$47.09
1019	22-Jun-11	9	6	\$5.81	Yes	\$47.10	\$41.29
1020	22-Jun-11	9	7	\$0.01	Yes	\$47.10	\$47.09
1021	22-Jun-11	9	8	\$18.23	Yes	\$47.10	\$28.87
1022	22-Jun-11	9	9	\$19.31	Yes	\$47.10	\$27.79
1023	22-Jun-11	9	10	\$22.64	Yes	\$47.10	\$24.46
1024	22-Jun-11	9	11	\$26.31	Yes	\$47.10	\$20.79
1025	22-Jun-11	9	12	\$26.31	Yes	\$47.10	\$20.79
1026	22-Jun-11	10	1	-\$0.04	Yes	\$47.10	\$47.14
1027	22-Jun-11	10	2	-\$0.04	Yes	\$47.10	\$47.14
1028	22-Jun-11	10	3	-\$1.09	Yes	\$47.10	\$48.19
1029	22-Jun-11	10	4	-\$0.04	Yes	\$47.10	\$47.14
1030	22-Jun-11	10	5	-\$0.04	Yes	\$47.10	\$47.14
1031	22-Jun-11	10	6	-\$29.77	Yes	\$47.10	\$76.87

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1032	22-Jun-11	10	7	-\$1.08	Yes	\$47.10	\$48.18
1033	22-Jun-11	10	8	-\$0.04	Yes	\$47.10	\$47.14
1034	22-Jun-11	10	9	\$0.01	Yes	\$47.10	\$47.09
1035	22-Jun-11	10	10	\$31.64	Yes	\$47.10	\$15.46
1036	22-Jun-11	10	11	\$26.87	Yes	\$47.10	\$20.23
1037	22-Jun-11	10	12	\$30.92	Yes	\$47.10	\$16.18
1038	22-Jun-11	11	1	\$18.86	Yes	\$47.10	\$28.24
1039	22-Jun-11	11	2	\$20.75	Yes	\$47.10	\$26.35
1040	22-Jun-11	11	3	\$26.89	Yes	\$47.10	\$20.21
1041	22-Jun-11	11	4	\$27.25	Yes	\$47.10	\$19.85
1042	22-Jun-11	11	5	\$27.25	Yes	\$47.10	\$19.85
1043	22-Jun-11	11	6	\$30.90	Yes	\$47.10	\$16.20
1044	22-Jun-11	11	7	\$29.02	Yes	\$47.10	\$18.08
1045	22-Jun-11	11	8	\$31.01	Yes	\$47.10	\$16.09
1046	22-Jun-11	11	9	\$31.74	Yes	\$47.10	\$15.36
1047	22-Jun-11	11	10	\$31.79	Yes	\$47.10	\$15.31
1048	22-Jun-11	11	11	\$32.31	Yes	\$47.10	\$14.79
1049	22-Jun-11	11	12	\$32.52	Yes	\$47.10	\$14.58
1050	22-Jun-11	12	1	\$33.34	Yes	\$47.10	\$13.76
1051	22-Jun-11	12	2	\$31.83	Yes	\$47.10	\$15.27
1052	22-Jun-11	12	3	\$31.65	Yes	\$47.10	\$15.45
1053	22-Jun-11	12	4	\$31.06	Yes	\$47.10	\$16.04
1054	22-Jun-11	12	5	\$31.85	Yes	\$47.10	\$15.25
1055	22-Jun-11	12	6	\$33.32	Yes	\$47.10	\$13.78
1056	22-Jun-11	12	7	\$34.94	Yes	\$47.10	\$12.16
1057	22-Jun-11	12	8	\$35.85	Yes	\$47.10	\$11.25
1058	22-Jun-11	12	9	\$35.85	Yes	\$47.10	\$11.25
1059	22-Jun-11	12	10	\$33.54	Yes	\$47.10	\$13.56
1060	22-Jun-11	12	11	\$35.43	Yes	\$47.10	\$11.67
1061	22-Jun-11	12	12	\$37.69	Yes	\$47.10	\$9.41
1062	22-Jun-11	13	1	\$27.36	Yes	\$47.10	\$19.74
1063	22-Jun-11	13	2	\$30.88	Yes	\$47.10	\$16.22
1064	22-Jun-11	13	3	\$31.60	Yes	\$47.10	\$15.50
1065	22-Jun-11	13	4	\$31.84	Yes	\$47.10	\$15.26
1066	22-Jun-11	13	5	\$33.27	Yes	\$47.10	\$13.83
1067	22-Jun-11	13	6	\$33.27	Yes	\$47.10	\$13.83
1068	22-Jun-11	13	7	\$31.83	Yes	\$47.10	\$15.27
1069	22-Jun-11	13	8	\$31.88	Yes	\$47.10	\$15.22
1070	22-Jun-11	13	9	\$31.94	Yes	\$47.10	\$15.16
1071	22-Jun-11	13	10	\$31.82	Yes	\$47.10	\$15.28
1072	22-Jun-11	13	11	\$33.41	Yes	\$47.10	\$13.69
1073	22-Jun-11	13	12	\$35.41	Yes	\$47.10	\$11.69
1074	22-Jun-11	14	1	\$31.71	Yes	\$47.10	\$15.39
1075	22-Jun-11	14	2	\$33.33	Yes	\$47.10	\$13.77
1076	22-Jun-11	14	3	\$33.44	Yes	\$47.10	\$13.66

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1077	22-Jun-11	14	4	\$33.30	Yes	\$47.10	\$13.80
1078	22-Jun-11	14	5	\$32.23	Yes	\$47.10	\$14.87
1079	22-Jun-11	14	6	\$32.39	Yes	\$47.10	\$14.71
1080	22-Jun-11	14	7	\$31.84	Yes	\$47.10	\$15.26
1081	22-Jun-11	14	8	\$32.23	Yes	\$47.10	\$14.87
1082	22-Jun-11	14	9	\$33.30	Yes	\$47.10	\$13.80
1083	22-Jun-11	14	9	\$33.30	Yes	\$47.10	\$13.80
1084	22-Jun-11	14	10	\$34.79	Yes	\$47.10	\$12.31
1085	22-Jun-11	14	10	\$34.79	Yes	\$47.10	\$12.31
1086	22-Jun-11	14	11	\$36.05	Yes	\$47.10	\$11.05
1087	22-Jun-11	14	11	\$36.05	Yes	\$47.10	\$11.05
1088	22-Jun-11	14	12	\$36.00	Yes	\$47.10	\$11.10
1089	22-Jun-11	14	12	\$36.00	Yes	\$47.10	\$11.10
1090	22-Jun-11	15	1	\$31.83	Yes	\$47.10	\$15.27
1091	22-Jun-11	15	1	\$31.83	Yes	\$47.10	\$15.27
1092	22-Jun-11	15	2	\$33.32	Yes	\$47.10	\$13.78
1093	22-Jun-11	15	2	\$33.32	Yes	\$47.10	\$13.78
1094	22-Jun-11	15	3	\$31.83	Yes	\$47.10	\$15.27
1095	22-Jun-11	15	3	\$31.83	Yes	\$47.10	\$15.27
1096	22-Jun-11	15	4	\$31.70	Yes	\$47.10	\$15.40
1097	22-Jun-11	15	4	\$31.70	Yes	\$47.10	\$15.40
1098	22-Jun-11	15	5	\$33.32	Yes	\$47.10	\$13.78
1099	22-Jun-11	15	5	\$33.32	Yes	\$47.10	\$13.78
1100	22-Jun-11	15	6	\$35.26	Yes	\$47.10	\$11.84
1101	22-Jun-11	15	6	\$35.26	Yes	\$47.10	\$11.84
1102	22-Jun-11	15	7	\$35.43	Yes	\$47.10	\$11.67
1103	22-Jun-11	15	7	\$35.43	Yes	\$47.10	\$11.67
1104	22-Jun-11	15	8	\$35.43	Yes	\$47.10	\$11.67
1105	22-Jun-11	15	8	\$35.43	Yes	\$47.10	\$11.67
1106	22-Jun-11	15	9	\$35.43	Yes	\$47.10	\$11.67
1107	22-Jun-11	15	9	\$35.43	Yes	\$47.10	\$11.67
1108	22-Jun-11	15	10	\$35.67	Yes	\$47.10	\$11.43
1109	22-Jun-11	15	10	\$35.67	Yes	\$47.10	\$11.43
1110	22-Jun-11	15	11	\$35.95	Yes	\$47.10	\$11.15
1111	22-Jun-11	15	11	\$35.95	Yes	\$47.10	\$11.15
1112	22-Jun-11	15	12	\$42.37	Yes	\$47.10	\$4.73
1113	22-Jun-11	15	12	\$42.37	Yes	\$47.10	\$4.73
1114	22-Jun-11	16	1	\$40.62	Yes	\$47.10	\$6.48
1115	22-Jun-11	16	1	\$40.62	Yes	\$47.10	\$6.48
1116	22-Jun-11	16	2	\$46.65	Yes	\$47.10	\$0.45
1117	22-Jun-11	16	2	\$46.65	Yes	\$47.10	\$0.45
1118	22-Jun-11	16	3	\$47.92	Yes	\$47.10	-\$0.82
1119	22-Jun-11	16	3	\$47.92	Yes	\$47.10	-\$0.82
1120	22-Jun-11	16	4	\$47.84	Yes	\$47.10	-\$0.74
1121	22-Jun-11	16	4	\$47.84	Yes	\$47.10	-\$0.74

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1122	22-Jun-11	16	5	\$46.84	Yes	\$47.10	\$0.26
1123	22-Jun-11	16	5	\$46.84	Yes	\$47.10	\$0.26
1124	22-Jun-11	16	6	\$46.83	Yes	\$47.10	\$0.27
1125	22-Jun-11	16	6	\$46.83	Yes	\$47.10	\$0.27
1126	22-Jun-11	16	7	\$36.59	Yes	\$47.10	\$10.51
1127	22-Jun-11	16	7	\$36.59	Yes	\$47.10	\$10.51
1128	22-Jun-11	16	8	\$44.51	Yes	\$47.10	\$2.59
1129	22-Jun-11	16	8	\$44.51	Yes	\$47.10	\$2.59
1130	22-Jun-11	16	9	\$46.77	Yes	\$47.10	\$0.33
1131	22-Jun-11	16	9	\$46.77	Yes	\$47.10	\$0.33
1132	22-Jun-11	16	10	\$47.33	Yes	\$47.10	-\$0.23
1133	22-Jun-11	16	10	\$47.33	Yes	\$47.10	-\$0.23
1134	22-Jun-11	16	11	\$46.66	Yes	\$47.10	\$0.44
1135	22-Jun-11	16	11	\$46.66	Yes	\$47.10	\$0.44
1136	22-Jun-11	16	12	\$42.05	Yes	\$47.10	\$5.05
1137	22-Jun-11	16	12	\$42.05	Yes	\$47.10	\$5.05
1138	22-Jun-11	17	1	\$46.64	Yes	\$47.10	\$0.46
1139	22-Jun-11	17	1	\$46.64	Yes	\$47.10	\$0.46
1140	22-Jun-11	17	2	\$46.80	Yes	\$47.10	\$0.30
1141	22-Jun-11	17	2	\$46.80	Yes	\$47.10	\$0.30
1142	22-Jun-11	17	3	\$47.12	Yes	\$47.10	-\$0.02
1143	22-Jun-11	17	3	\$47.12	Yes	\$47.10	-\$0.02
1144	22-Jun-11	17	4	\$47.18	Yes	\$47.10	-\$0.08
1145	22-Jun-11	17	4	\$47.18	Yes	\$47.10	-\$0.08
1146	22-Jun-11	17	5	\$46.82	Yes	\$47.10	\$0.28
1147	22-Jun-11	17	5	\$46.82	Yes	\$47.10	\$0.28
1148	22-Jun-11	17	6	\$46.41	Yes	\$47.10	\$0.69
1149	22-Jun-11	17	6	\$46.41	Yes	\$47.10	\$0.69
1150	22-Jun-11	17	7	\$43.61	Yes	\$47.10	\$3.49
1151	22-Jun-11	17	7	\$43.61	Yes	\$47.10	\$3.49
1152	22-Jun-11	17	8	\$45.43	Yes	\$47.10	\$1.67
1153	22-Jun-11	17	8	\$45.43	Yes	\$47.10	\$1.67
1154	22-Jun-11	17	9	\$46.51	Yes	\$47.10	\$0.59
1155	22-Jun-11	17	9	\$46.51	Yes	\$47.10	\$0.59
1156	22-Jun-11	17	10	\$51.71	Yes	\$47.10	-\$4.61
1157	22-Jun-11	17	10	\$51.71	Yes	\$47.10	-\$4.61
1158	22-Jun-11	17	11	\$49.26	Yes	\$47.10	-\$2.16
1159	22-Jun-11	17	11	\$49.26	Yes	\$47.10	-\$2.16
1160	22-Jun-11	17	12	\$47.21	Yes	\$47.10	-\$0.11
1161	22-Jun-11	17	12	\$47.21	Yes	\$47.10	-\$0.11
1162	22-Jun-11	18	1	\$45.01	Yes	\$47.10	\$2.09
1163	22-Jun-11	18	1	\$45.01	Yes	\$47.10	\$2.09
1164	22-Jun-11	18	2	\$46.07	Yes	\$47.10	\$1.03
1165	22-Jun-11	18	2	\$46.07	Yes	\$47.10	\$1.03
1166	22-Jun-11	18	3	\$40.65	Yes	\$47.10	\$6.45

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1167	22-Jun-11	18	3	\$40.65	Yes	\$47.10	\$6.45
1168	22-Jun-11	18	4	\$40.79	Yes	\$47.10	\$6.31
1169	22-Jun-11	18	4	\$40.79	Yes	\$47.10	\$6.31
1170	22-Jun-11	18	5	\$40.79	Yes	\$47.10	\$6.31
1171	22-Jun-11	18	5	\$40.79	Yes	\$47.10	\$6.31
1172	22-Jun-11	18	6	\$35.96	Yes	\$47.10	\$11.14
1173	22-Jun-11	18	6	\$35.96	Yes	\$47.10	\$11.14
1174	22-Jun-11	18	7	\$35.33	Yes	\$47.10	\$11.77
1175	22-Jun-11	18	7	\$35.33	Yes	\$47.10	\$11.77
1176	22-Jun-11	18	8	\$35.33	Yes	\$47.10	\$11.77
1177	22-Jun-11	18	8	\$35.33	Yes	\$47.10	\$11.77
1178	22-Jun-11	18	9	\$35.01	Yes	\$47.10	\$12.09
1179	22-Jun-11	18	9	\$35.01	Yes	\$47.10	\$12.09
1180	22-Jun-11	18	10	\$34.53	Yes	\$47.10	\$12.57
1181	22-Jun-11	18	10	\$34.53	Yes	\$47.10	\$12.57
1182	22-Jun-11	18	11	\$32.98	Yes	\$47.10	\$14.12
1183	22-Jun-11	18	11	\$32.98	Yes	\$47.10	\$14.12
1184	22-Jun-11	18	12	\$31.50	Yes	\$47.10	\$15.60
1185	22-Jun-11	18	12	\$31.50	Yes	\$47.10	\$15.60
1186	22-Jun-11	19	1	\$32.69	Yes	\$47.10	\$14.41
1187	22-Jun-11	19	1	\$32.69	Yes	\$47.10	\$14.41
1188	22-Jun-11	19	2	\$35.39	Yes	\$47.10	\$11.71
1189	22-Jun-11	19	2	\$35.39	Yes	\$47.10	\$11.71
1190	22-Jun-11	19	3	\$35.84	Yes	\$47.10	\$11.26
1191	22-Jun-11	19	3	\$35.84	Yes	\$47.10	\$11.26
1192	22-Jun-11	19	4	\$36.35	Yes	\$47.10	\$10.75
1193	22-Jun-11	19	4	\$36.35	Yes	\$47.10	\$10.75
1194	22-Jun-11	19	5	\$35.59	Yes	\$47.10	\$11.51
1195	22-Jun-11	19	5	\$35.59	Yes	\$47.10	\$11.51
1196	22-Jun-11	19	6	\$39.25	Yes	\$47.10	\$7.85
1197	22-Jun-11	19	6	\$39.25	Yes	\$47.10	\$7.85
1198	22-Jun-11	19	7	\$42.07	Yes	\$47.10	\$5.03
1199	22-Jun-11	19	7	\$42.07	Yes	\$47.10	\$5.03
1200	22-Jun-11	19	8	\$47.02	Yes	\$47.10	\$0.08
1201	22-Jun-11	19	8	\$47.02	Yes	\$47.10	\$0.08
1202	22-Jun-11	19	9	\$47.10	Yes	\$47.10	\$0.00
1203	22-Jun-11	19	9	\$47.10	Yes	\$47.10	\$0.00
1204	22-Jun-11	19	10	\$42.03	Yes	\$47.10	\$5.07
1205	22-Jun-11	19	10	\$42.03	Yes	\$47.10	\$5.07
1206	22-Jun-11	19	11	\$36.06	Yes	\$47.10	\$11.04
1207	22-Jun-11	19	11	\$36.06	Yes	\$47.10	\$11.04
1208	22-Jun-11	19	12	\$33.42	Yes	\$47.10	\$13.68
1209	22-Jun-11	19	12	\$33.42	Yes	\$47.10	\$13.68
1210	22-Jun-11	20	1	\$34.29	Yes	\$47.10	\$12.81
1211	22-Jun-11	20	1	\$34.29	Yes	\$47.10	\$12.81

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1212	22-Jun-11	20	2	\$33.13	Yes	\$47.10	\$13.97
1213	22-Jun-11	20	2	\$33.13	Yes	\$47.10	\$13.97
1214	22-Jun-11	20	3	\$33.71	Yes	\$47.10	\$13.39
1215	22-Jun-11	20	3	\$33.71	Yes	\$47.10	\$13.39
1216	22-Jun-11	20	4	\$35.42	Yes	\$47.10	\$11.68
1217	22-Jun-11	20	4	\$35.42	Yes	\$47.10	\$11.68
1218	22-Jun-11	20	5	\$33.34	Yes	\$47.10	\$13.76
1219	22-Jun-11	20	5	\$33.34	Yes	\$47.10	\$13.76
1220	22-Jun-11	20	6	\$33.55	Yes	\$47.10	\$13.55
1221	22-Jun-11	20	6	\$33.55	Yes	\$47.10	\$13.55
1222	22-Jun-11	20	7	\$31.33	Yes	\$47.10	\$15.77
1223	22-Jun-11	20	7	\$31.33	Yes	\$47.10	\$15.77
1224	22-Jun-11	20	8	\$31.33	Yes	\$47.10	\$15.77
1225	22-Jun-11	20	8	\$31.33	Yes	\$47.10	\$15.77
1226	22-Jun-11	20	9	\$31.33	Yes	\$47.10	\$15.77
1227	22-Jun-11	20	9	\$31.33	Yes	\$47.10	\$15.77
1228	22-Jun-11	20	10	\$31.29	Yes	\$47.10	\$15.81
1229	22-Jun-11	20	10	\$31.29	Yes	\$47.10	\$15.81
1230	22-Jun-11	20	11	\$31.29	Yes	\$47.10	\$15.81
1231	22-Jun-11	20	11	\$31.29	Yes	\$47.10	\$15.81
1232	22-Jun-11	20	12	\$30.91	Yes	\$47.10	\$16.19
1233	22-Jun-11	20	12	\$30.91	Yes	\$47.10	\$16.19
1234	22-Jun-11	21	1	\$31.17	Yes	\$47.10	\$15.93
1235	22-Jun-11	21	1	\$31.17	Yes	\$47.10	\$15.93
1236	22-Jun-11	21	2	\$31.17	Yes	\$47.10	\$15.93
1237	22-Jun-11	21	2	\$31.17	Yes	\$47.10	\$15.93
1238	22-Jun-11	21	3	\$18.48	Yes	\$47.10	\$28.62
1239	22-Jun-11	21	3	\$18.48	Yes	\$47.10	\$28.62
1240	22-Jun-11	21	4	\$22.07	Yes	\$47.10	\$25.03
1241	22-Jun-11	21	4	\$22.07	Yes	\$47.10	\$25.03
1242	22-Jun-11	21	5	\$26.34	Yes	\$47.10	\$20.76
1243	22-Jun-11	21	5	\$26.34	Yes	\$47.10	\$20.76
1244	22-Jun-11	21	6	\$28.57	Yes	\$47.10	\$18.53
1245	22-Jun-11	21	6	\$28.57	Yes	\$47.10	\$18.53
1246	22-Jun-11	21	7	\$27.09	Yes	\$47.10	\$20.01
1247	22-Jun-11	21	7	\$27.09	Yes	\$47.10	\$20.01
1248	22-Jun-11	21	8	\$30.79	Yes	\$47.10	\$16.31
1249	22-Jun-11	21	8	\$30.79	Yes	\$47.10	\$16.31
1250	22-Jun-11	21	9	\$26.37	Yes	\$47.10	\$20.73
1251	22-Jun-11	21	9	\$26.37	Yes	\$47.10	\$20.73
1252	22-Jun-11	21	10	\$26.47	Yes	\$47.10	\$20.63
1253	22-Jun-11	21	10	\$26.47	Yes	\$47.10	\$20.63
1254	22-Jun-11	21	11	\$26.47	Yes	\$47.10	\$20.63
1255	22-Jun-11	21	11	\$26.47	Yes	\$47.10	\$20.63
1256	22-Jun-11	21	12	\$18.55	Yes	\$47.10	\$28.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1257	22-Jun-11	21	12	\$18.55	Yes	\$47.10	\$28.55
1258	22-Jun-11	22	1	\$31.22	Yes	\$47.10	\$15.88
1259	22-Jun-11	22	2	\$30.84	Yes	\$47.10	\$16.26
1260	22-Jun-11	22	3	\$26.83	Yes	\$47.10	\$20.27
1261	22-Jun-11	22	4	\$26.88	Yes	\$47.10	\$20.22
1262	22-Jun-11	22	5	\$20.64	Yes	\$47.10	\$26.46
1263	22-Jun-11	22	6	\$9.78	Yes	\$47.10	\$37.32
1264	22-Jun-11	22	7	\$0.04	Yes	\$47.10	\$47.06
1265	22-Jun-11	22	8	\$0.01	Yes	\$47.10	\$47.09
1266	22-Jun-11	22	9	-\$0.04	Yes	\$47.10	\$47.14
1267	22-Jun-11	22	10	-\$0.04	Yes	\$47.10	\$47.14
1268	22-Jun-11	22	11	-\$2.01	Yes	\$47.10	\$49.11
1269	22-Jun-11	22	12	-\$31.11	Yes	\$47.10	\$78.21
1270	22-Jun-11	23	1	-\$30.45	Yes	\$47.10	\$77.55
1271	22-Jun-11	23	2	-\$30.66	Yes	\$47.10	\$77.76
1272	22-Jun-11	23	3	\$33.54	Yes	\$47.10	\$13.56
1273	22-Jun-11	23	4	\$18.95	Yes	\$47.10	\$28.15
1274	22-Jun-11	23	5	-\$0.01	Yes	\$47.10	\$47.11
1275	22-Jun-11	23	6	-\$0.02	Yes	\$47.10	\$47.12
1276	22-Jun-11	23	7	-\$0.04	Yes	\$47.10	\$47.14
1277	22-Jun-11	23	8	-\$1.10	Yes	\$47.10	\$48.20
1278	22-Jun-11	23	9	-\$29.78	Yes	\$47.10	\$76.88
1279	22-Jun-11	23	10	-\$10.94	Yes	\$47.10	\$58.04
1280	22-Jun-11	23	11	-\$1.06	Yes	\$47.10	\$48.16
1281	22-Jun-11	23	12	-\$8.73	Yes	\$47.10	\$55.83
1282	22-Jun-11	24	1	-\$0.02	Yes	\$47.10	\$47.12
1283	22-Jun-11	24	2	\$0.01	Yes	\$47.10	\$47.09
1284	22-Jun-11	24	3	\$1,013.70	Yes	\$47.10	-\$966.60
1285	22-Jun-11	24	4	\$49.62	Yes	\$47.10	-\$2.52
1286	22-Jun-11	24	5	\$45.16	Yes	\$47.10	\$1.94
1287	22-Jun-11	24	6	-\$0.02	Yes	\$47.10	\$47.12
1288	22-Jun-11	24	7	-\$0.01	Yes	\$47.10	\$47.11
1289	22-Jun-11	24	8	-\$0.04	Yes	\$47.10	\$47.14
1290	22-Jun-11	24	9	-\$0.04	Yes	\$47.10	\$47.14
1291	22-Jun-11	24	10	-\$0.04	Yes	\$47.10	\$47.14
1292	22-Jun-11	24	11	-\$0.04	Yes	\$47.10	\$47.14
1293	22-Jun-11	24	12	-\$1.11	Yes	\$47.10	\$48.21
1294	23-Jun-11	1	1	-\$0.04	Yes	\$47.10	\$47.14
1295	23-Jun-11	1	2	-\$0.04	Yes	\$47.10	\$47.14
1296	23-Jun-11	1	3	-\$0.04	Yes	\$47.10	\$47.14
1297	23-Jun-11	1	4	-\$0.04	Yes	\$47.10	\$47.14
1298	23-Jun-11	1	5	\$31.82	Yes	\$47.10	\$15.28
1299	23-Jun-11	1	6	-\$0.01	Yes	\$47.10	\$47.11
1300	23-Jun-11	1	7	-\$0.02	Yes	\$47.10	\$47.12
1301	23-Jun-11	1	8	-\$0.04	Yes	\$47.10	\$47.14

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1302	23-Jun-11	1	9	-\$0.04	Yes	\$47.10	\$47.14
1303	23-Jun-11	1	10	-\$0.04	Yes	\$47.10	\$47.14
1304	23-Jun-11	1	11	-\$0.02	Yes	\$47.10	\$47.12
1305	23-Jun-11	1	12	-\$0.04	Yes	\$47.10	\$47.14
1306	23-Jun-11	2	1	-\$0.02	Yes	\$47.10	\$47.12
1307	23-Jun-11	2	2	-\$0.02	Yes	\$47.10	\$47.12
1308	23-Jun-11	2	3	\$10.04	Yes	\$47.10	\$37.06
1309	23-Jun-11	2	4	\$38.70	Yes	\$47.10	\$8.40
1310	23-Jun-11	2	5	\$40.56	Yes	\$47.10	\$6.54
1311	23-Jun-11	2	6	\$38.70	Yes	\$47.10	\$8.40
1312	23-Jun-11	2	7	\$11.74	Yes	\$47.10	\$35.36
1313	23-Jun-11	2	8	-\$0.02	Yes	\$47.10	\$47.12
1314	23-Jun-11	2	9	-\$0.01	Yes	\$47.10	\$47.11
1315	23-Jun-11	2	10	-\$0.02	Yes	\$47.10	\$47.12
1316	23-Jun-11	2	11	-\$0.02	Yes	\$47.10	\$47.12
1317	23-Jun-11	2	12	\$10.01	Yes	\$47.10	\$37.09
1318	23-Jun-11	3	1	\$40.46	Yes	\$47.10	\$6.64
1319	23-Jun-11	3	2	\$49.74	Yes	\$47.10	-\$2.64
1320	23-Jun-11	3	3	\$40.46	Yes	\$47.10	\$6.64
1321	23-Jun-11	3	4	\$40.40	Yes	\$47.10	\$6.70
1322	23-Jun-11	3	5	\$53.71	Yes	\$47.10	-\$6.61
1323	23-Jun-11	3	6	\$53.71	Yes	\$47.10	-\$6.61
1324	23-Jun-11	3	7	\$53.43	Yes	\$47.10	-\$6.33
1325	23-Jun-11	3	8	\$53.43	Yes	\$47.10	-\$6.33
1326	23-Jun-11	3	9	\$43.45	Yes	\$47.10	\$3.65
1327	23-Jun-11	3	10	\$53.74	Yes	\$47.10	-\$6.64
1328	23-Jun-11	3	11	\$40.42	Yes	\$47.10	\$6.68
1329	23-Jun-11	3	12	\$40.42	Yes	\$47.10	\$6.68
1330	23-Jun-11	4	1	\$0.01	Yes	\$47.10	\$47.09
1331	23-Jun-11	4	2	-\$0.01	Yes	\$47.10	\$47.11
1332	23-Jun-11	4	3	-\$0.01	Yes	\$47.10	\$47.11
1333	23-Jun-11	4	4	-\$0.01	Yes	\$47.10	\$47.11
1334	23-Jun-11	4	5	-\$0.01	Yes	\$47.10	\$47.11
1335	23-Jun-11	4	6	-\$0.02	Yes	\$47.10	\$47.12
1336	23-Jun-11	4	7	-\$0.02	Yes	\$47.10	\$47.12
1337	23-Jun-11	4	8	-\$0.02	Yes	\$47.10	\$47.12
1338	23-Jun-11	4	9	-\$0.02	Yes	\$47.10	\$47.12
1339	23-Jun-11	4	10	-\$0.01	Yes	\$47.10	\$47.11
1340	23-Jun-11	4	11	-\$0.01	Yes	\$47.10	\$47.11
1341	23-Jun-11	4	12	-\$0.01	Yes	\$47.10	\$47.11
1342	23-Jun-11	5	1	-\$0.01	Yes	\$47.10	\$47.11
1343	23-Jun-11	5	2	-\$0.01	Yes	\$47.10	\$47.11
1344	23-Jun-11	5	3	-\$0.02	Yes	\$47.10	\$47.12
1345	23-Jun-11	5	4	-\$0.02	Yes	\$47.10	\$47.12
1346	23-Jun-11	5	5	-\$0.02	Yes	\$47.10	\$47.12

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1347	23-Jun-11	5	6	-\$0.01	Yes	\$47.10	\$47.11
1348	23-Jun-11	5	7	-\$0.01	Yes	\$47.10	\$47.11
1349	23-Jun-11	5	8	\$1.15	Yes	\$47.10	\$45.95
1350	23-Jun-11	5	9	\$14.36	Yes	\$47.10	\$32.74
1351	23-Jun-11	5	10	-\$0.01	Yes	\$47.10	\$47.11
1352	23-Jun-11	5	11	-\$0.02	Yes	\$47.10	\$47.12
1353	23-Jun-11	5	12	-\$0.02	Yes	\$47.10	\$47.12
1354	23-Jun-11	6	1	-\$0.04	Yes	\$47.10	\$47.14
1355	23-Jun-11	6	2	-\$0.04	Yes	\$47.10	\$47.14
1356	23-Jun-11	6	3	-\$1.11	Yes	\$47.10	\$48.21
1357	23-Jun-11	6	4	-\$0.04	Yes	\$47.10	\$47.14
1358	23-Jun-11	6	5	-\$0.04	Yes	\$47.10	\$47.14
1359	23-Jun-11	6	6	-\$0.04	Yes	\$47.10	\$47.14
1360	23-Jun-11	6	7	-\$0.04	Yes	\$47.10	\$47.14
1361	23-Jun-11	6	8	-\$0.04	Yes	\$47.10	\$47.14
1362	23-Jun-11	6	9	-\$0.04	Yes	\$47.10	\$47.14
1363	23-Jun-11	6	10	-\$0.04	Yes	\$47.10	\$47.14
1364	23-Jun-11	6	11	-\$0.02	Yes	\$47.10	\$47.12
1365	23-Jun-11	6	12	-\$0.04	Yes	\$47.10	\$47.14
1366	23-Jun-11	7	1	-\$32.73	Yes	\$47.10	\$79.83
1367	23-Jun-11	7	2	-\$32.73	Yes	\$47.10	\$79.83
1368	23-Jun-11	7	3	-\$30.88	Yes	\$47.10	\$77.98
1369	23-Jun-11	7	4	-\$30.72	Yes	\$47.10	\$77.82
1370	23-Jun-11	7	5	-\$31.69	Yes	\$47.10	\$78.79
1371	23-Jun-11	7	6	-\$31.72	Yes	\$47.10	\$78.82
1372	23-Jun-11	7	7	-\$32.27	Yes	\$47.10	\$79.37
1373	23-Jun-11	7	8	-\$32.56	Yes	\$47.10	\$79.66
1374	23-Jun-11	7	9	-\$32.27	Yes	\$47.10	\$79.37
1375	23-Jun-11	7	10	-\$31.89	Yes	\$47.10	\$78.99
1376	23-Jun-11	7	11	-\$31.89	Yes	\$47.10	\$78.99
1377	23-Jun-11	7	12	-\$31.89	Yes	\$47.10	\$78.99
1378	23-Jun-11	8	1	-\$31.74	Yes	\$47.10	\$78.84
1379	23-Jun-11	8	2	-\$32.68	Yes	\$47.10	\$79.78
1380	23-Jun-11	8	3	-\$31.44	Yes	\$47.10	\$78.54
1381	23-Jun-11	8	4	-\$31.65	Yes	\$47.10	\$78.75
1382	23-Jun-11	8	5	-\$31.59	Yes	\$47.10	\$78.69
1383	23-Jun-11	8	6	-\$31.65	Yes	\$47.10	\$78.75
1384	23-Jun-11	8	7	-\$31.08	Yes	\$47.10	\$78.18
1385	23-Jun-11	8	8	-\$31.08	Yes	\$47.10	\$78.18
1386	23-Jun-11	8	9	-\$31.08	Yes	\$47.10	\$78.18
1387	23-Jun-11	8	10	-\$31.14	Yes	\$47.10	\$78.24
1388	23-Jun-11	8	11	-\$31.14	Yes	\$47.10	\$78.24
1389	23-Jun-11	8	12	-\$31.14	Yes	\$47.10	\$78.24
1390	23-Jun-11	9	1	-\$30.30	Yes	\$47.10	\$77.40
1391	23-Jun-11	9	2	-\$30.30	Yes	\$47.10	\$77.40

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1392	23-Jun-11	9	3	-\$30.30	Yes	\$47.10	\$77.40
1393	23-Jun-11	9	4	-\$30.91	Yes	\$47.10	\$78.01
1394	23-Jun-11	9	5	-\$30.95	Yes	\$47.10	\$78.05
1395	23-Jun-11	9	6	-\$30.95	Yes	\$47.10	\$78.05
1396	23-Jun-11	9	7	-\$30.92	Yes	\$47.10	\$78.02
1397	23-Jun-11	9	8	-\$30.91	Yes	\$47.10	\$78.01
1398	23-Jun-11	9	9	-\$30.92	Yes	\$47.10	\$78.02
1399	23-Jun-11	9	10	-\$30.89	Yes	\$47.10	\$77.99
1400	23-Jun-11	9	11	-\$30.99	Yes	\$47.10	\$78.09
1401	23-Jun-11	9	12	-\$30.89	Yes	\$47.10	\$77.99
1402	23-Jun-11	10	1	-\$30.86	Yes	\$47.10	\$77.96
1403	23-Jun-11	10	2	-\$30.71	Yes	\$47.10	\$77.81
1404	23-Jun-11	10	3	-\$30.98	Yes	\$47.10	\$78.08
1405	23-Jun-11	10	4	-\$31.01	Yes	\$47.10	\$78.11
1406	23-Jun-11	10	5	-\$31.15	Yes	\$47.10	\$78.25
1407	23-Jun-11	10	6	-\$31.01	Yes	\$47.10	\$78.11
1408	23-Jun-11	10	7	-\$31.06	Yes	\$47.10	\$78.16
1409	23-Jun-11	10	8	-\$30.93	Yes	\$47.10	\$78.03
1410	23-Jun-11	10	9	-\$31.06	Yes	\$47.10	\$78.16
1411	23-Jun-11	10	10	-\$29.31	Yes	\$47.10	\$76.41
1412	23-Jun-11	10	11	-\$11.54	Yes	\$47.10	\$58.64
1413	23-Jun-11	10	12	-\$11.54	Yes	\$47.10	\$58.64
1414	23-Jun-11	11	1	-\$1.12	Yes	\$47.10	\$48.22
1415	23-Jun-11	11	2	\$0.01	Yes	\$47.10	\$47.09
1416	23-Jun-11	11	3	\$23.78	Yes	\$47.10	\$23.32
1417	23-Jun-11	11	4	\$9.27	Yes	\$47.10	\$37.83
1418	23-Jun-11	11	5	\$33.89	Yes	\$47.10	\$13.21
1419	23-Jun-11	11	6	\$33.89	Yes	\$47.10	\$13.21
1420	23-Jun-11	11	7	\$30.97	Yes	\$47.10	\$16.13
1421	23-Jun-11	11	8	\$31.71	Yes	\$47.10	\$15.39
1422	23-Jun-11	11	9	\$33.65	Yes	\$47.10	\$13.45
1423	23-Jun-11	11	10	\$33.86	Yes	\$47.10	\$13.24
1424	23-Jun-11	11	11	\$36.93	Yes	\$47.10	\$10.17
1425	23-Jun-11	11	12	\$38.49	Yes	\$47.10	\$8.61
1426	23-Jun-11	12	1	\$8.39	Yes	\$47.10	\$38.71
1427	23-Jun-11	12	2	\$24.97	Yes	\$47.10	\$22.13
1428	23-Jun-11	12	3	\$29.43	Yes	\$47.10	\$17.67
1429	23-Jun-11	12	4	\$30.75	Yes	\$47.10	\$16.35
1430	23-Jun-11	12	5	\$30.99	Yes	\$47.10	\$16.11
1431	23-Jun-11	12	6	\$32.17	Yes	\$47.10	\$14.93
1432	23-Jun-11	12	7	\$36.61	Yes	\$47.10	\$10.49
1433	23-Jun-11	12	8	\$33.74	Yes	\$47.10	\$13.36
1434	23-Jun-11	12	9	\$32.64	Yes	\$47.10	\$14.46
1435	23-Jun-11	12	10	\$31.50	Yes	\$47.10	\$15.60
1436	23-Jun-11	12	11	\$31.55	Yes	\$47.10	\$15.55

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1437	23-Jun-11	12	12	\$31.89	Yes	\$47.10	\$15.21
1438	23-Jun-11	13	1	\$31.32	Yes	\$47.10	\$15.78
1439	23-Jun-11	13	2	\$32.12	Yes	\$47.10	\$14.98
1440	23-Jun-11	13	3	\$32.35	Yes	\$47.10	\$14.75
1441	23-Jun-11	13	4	\$33.74	Yes	\$47.10	\$13.36
1442	23-Jun-11	13	5	\$35.05	Yes	\$47.10	\$12.05
1443	23-Jun-11	13	6	\$35.05	Yes	\$47.10	\$12.05
1444	23-Jun-11	13	7	\$32.54	Yes	\$47.10	\$14.56
1445	23-Jun-11	13	8	\$33.76	Yes	\$47.10	\$13.34
1446	23-Jun-11	13	9	\$35.10	Yes	\$47.10	\$12.00
1447	23-Jun-11	13	10	\$35.63	Yes	\$47.10	\$11.47
1448	23-Jun-11	13	11	\$35.10	Yes	\$47.10	\$12.00
1449	23-Jun-11	13	12	\$35.10	Yes	\$47.10	\$12.00
1450	23-Jun-11	14	1	\$28.18	Yes	\$47.10	\$18.92
1451	23-Jun-11	14	2	\$32.02	Yes	\$47.10	\$15.08
1452	23-Jun-11	14	3	\$32.08	Yes	\$47.10	\$15.02
1453	23-Jun-11	14	4	\$32.27	Yes	\$47.10	\$14.83
1454	23-Jun-11	14	5	\$32.33	Yes	\$47.10	\$14.77
1455	23-Jun-11	14	6	\$32.27	Yes	\$47.10	\$14.83
1456	23-Jun-11	14	7	\$31.93	Yes	\$47.10	\$15.17
1457	23-Jun-11	14	8	\$32.31	Yes	\$47.10	\$14.79
1458	23-Jun-11	14	9	\$32.53	Yes	\$47.10	\$14.57
1459	23-Jun-11	14	10	\$32.55	Yes	\$47.10	\$14.55
1460	23-Jun-11	14	11	\$33.64	Yes	\$47.10	\$13.46
1461	23-Jun-11	14	12	\$35.06	Yes	\$47.10	\$12.04
1462	23-Jun-11	15	1	\$36.19	Yes	\$47.10	\$10.91
1463	23-Jun-11	15	2	\$36.19	Yes	\$47.10	\$10.91
1464	23-Jun-11	15	3	\$36.26	Yes	\$47.10	\$10.84
1465	23-Jun-11	15	4	\$36.21	Yes	\$47.10	\$10.89
1466	23-Jun-11	15	4	\$36.21	Yes	\$47.10	\$10.89
1467	23-Jun-11	15	5	\$32.31	Yes	\$47.10	\$14.79
1468	23-Jun-11	15	5	\$32.31	Yes	\$47.10	\$14.79
1469	23-Jun-11	15	6	\$33.56	Yes	\$47.10	\$13.54
1470	23-Jun-11	15	6	\$33.56	Yes	\$47.10	\$13.54
1471	23-Jun-11	15	7	\$33.53	Yes	\$47.10	\$13.57
1472	23-Jun-11	15	7	\$33.53	Yes	\$47.10	\$13.57
1473	23-Jun-11	15	8	\$36.33	Yes	\$47.10	\$10.77
1474	23-Jun-11	15	8	\$36.33	Yes	\$47.10	\$10.77
1475	23-Jun-11	15	9	\$33.53	Yes	\$47.10	\$13.57
1476	23-Jun-11	15	9	\$33.53	Yes	\$47.10	\$13.57
1477	23-Jun-11	15	10	\$36.20	Yes	\$47.10	\$10.90
1478	23-Jun-11	15	10	\$36.20	Yes	\$47.10	\$10.90
1479	23-Jun-11	15	11	\$36.97	Yes	\$47.10	\$10.13
1480	23-Jun-11	15	11	\$36.97	Yes	\$47.10	\$10.13
1481	23-Jun-11	15	12	\$37.38	Yes	\$47.10	\$9.72

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1482	23-Jun-11	15	12	\$37.38	Yes	\$47.10	\$9.72
1483	23-Jun-11	16	1	\$37.11	Yes	\$47.10	\$9.99
1484	23-Jun-11	16	1	\$37.11	Yes	\$47.10	\$9.99
1485	23-Jun-11	16	2	\$46.96	Yes	\$47.10	\$0.14
1486	23-Jun-11	16	2	\$46.96	Yes	\$47.10	\$0.14
1487	23-Jun-11	16	3	\$48.12	Yes	\$47.10	-\$1.02
1488	23-Jun-11	16	3	\$48.12	Yes	\$47.10	-\$1.02
1489	23-Jun-11	16	4	\$49.46	Yes	\$47.10	-\$2.36
1490	23-Jun-11	16	4	\$49.46	Yes	\$47.10	-\$2.36
1491	23-Jun-11	16	5	\$50.04	Yes	\$47.10	-\$2.94
1492	23-Jun-11	16	5	\$50.04	Yes	\$47.10	-\$2.94
1493	23-Jun-11	16	6	\$47.32	Yes	\$47.10	-\$0.22
1494	23-Jun-11	16	6	\$47.32	Yes	\$47.10	-\$0.22
1495	23-Jun-11	16	7	\$37.31	Yes	\$47.10	\$9.79
1496	23-Jun-11	16	7	\$37.31	Yes	\$47.10	\$9.79
1497	23-Jun-11	16	8	\$43.19	Yes	\$47.10	\$3.91
1498	23-Jun-11	16	8	\$43.19	Yes	\$47.10	\$3.91
1499	23-Jun-11	16	9	\$47.20	Yes	\$47.10	-\$0.10
1500	23-Jun-11	16	9	\$47.20	Yes	\$47.10	-\$0.10
1501	23-Jun-11	16	10	\$47.11	Yes	\$47.10	-\$0.01
1502	23-Jun-11	16	10	\$47.11	Yes	\$47.10	-\$0.01
1503	23-Jun-11	16	11	\$47.10	Yes	\$47.10	\$0.00
1504	23-Jun-11	16	11	\$47.10	Yes	\$47.10	\$0.00
1505	23-Jun-11	16	12	\$47.10	Yes	\$47.10	\$0.00
1506	23-Jun-11	16	12	\$47.10	Yes	\$47.10	\$0.00
1507	23-Jun-11	17	1	\$46.98	Yes	\$47.10	\$0.12
1508	23-Jun-11	17	1	\$46.98	Yes	\$47.10	\$0.12
1509	23-Jun-11	17	2	\$47.10	Yes	\$47.10	\$0.00
1510	23-Jun-11	17	2	\$47.10	Yes	\$47.10	\$0.00
1511	23-Jun-11	17	3	\$42.97	Yes	\$47.10	\$4.13
1512	23-Jun-11	17	3	\$42.97	Yes	\$47.10	\$4.13
1513	23-Jun-11	17	4	\$42.74	Yes	\$47.10	\$4.36
1514	23-Jun-11	17	4	\$42.74	Yes	\$47.10	\$4.36
1515	23-Jun-11	17	5	\$42.74	Yes	\$47.10	\$4.36
1516	23-Jun-11	17	5	\$42.74	Yes	\$47.10	\$4.36
1517	23-Jun-11	17	6	\$39.84	Yes	\$47.10	\$7.26
1518	23-Jun-11	17	6	\$39.84	Yes	\$47.10	\$7.26
1519	23-Jun-11	17	7	\$39.84	Yes	\$47.10	\$7.26
1520	23-Jun-11	17	7	\$39.84	Yes	\$47.10	\$7.26
1521	23-Jun-11	17	8	\$39.53	Yes	\$47.10	\$7.57
1522	23-Jun-11	17	8	\$39.53	Yes	\$47.10	\$7.57
1523	23-Jun-11	17	9	\$37.20	Yes	\$47.10	\$9.90
1524	23-Jun-11	17	9	\$37.20	Yes	\$47.10	\$9.90
1525	23-Jun-11	17	10	\$41.67	Yes	\$47.10	\$5.43
1526	23-Jun-11	17	10	\$41.67	Yes	\$47.10	\$5.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1527	23-Jun-11	17	11	\$33.68	Yes	\$47.10	\$13.42
1528	23-Jun-11	17	11	\$33.68	Yes	\$47.10	\$13.42
1529	23-Jun-11	17	12	\$32.84	Yes	\$47.10	\$14.26
1530	23-Jun-11	17	12	\$32.84	Yes	\$47.10	\$14.26
1531	23-Jun-11	18	1	\$42.91	Yes	\$47.10	\$4.19
1532	23-Jun-11	18	1	\$42.91	Yes	\$47.10	\$4.19
1533	23-Jun-11	18	2	\$36.40	Yes	\$47.10	\$10.70
1534	23-Jun-11	18	2	\$36.40	Yes	\$47.10	\$10.70
1535	23-Jun-11	18	3	\$33.77	Yes	\$47.10	\$13.33
1536	23-Jun-11	18	3	\$33.77	Yes	\$47.10	\$13.33
1537	23-Jun-11	18	4	\$40.75	Yes	\$47.10	\$6.35
1538	23-Jun-11	18	4	\$40.75	Yes	\$47.10	\$6.35
1539	23-Jun-11	18	5	\$40.75	Yes	\$47.10	\$6.35
1540	23-Jun-11	18	5	\$40.75	Yes	\$47.10	\$6.35
1541	23-Jun-11	18	6	\$39.83	Yes	\$47.10	\$7.27
1542	23-Jun-11	18	6	\$39.83	Yes	\$47.10	\$7.27
1543	23-Jun-11	18	7	\$32.13	Yes	\$47.10	\$14.97
1544	23-Jun-11	18	7	\$32.13	Yes	\$47.10	\$14.97
1545	23-Jun-11	18	8	\$32.13	Yes	\$47.10	\$14.97
1546	23-Jun-11	18	8	\$32.13	Yes	\$47.10	\$14.97
1547	23-Jun-11	18	9	\$31.82	Yes	\$47.10	\$15.28
1548	23-Jun-11	18	9	\$31.82	Yes	\$47.10	\$15.28
1549	23-Jun-11	18	10	\$30.91	Yes	\$47.10	\$16.19
1550	23-Jun-11	18	10	\$30.91	Yes	\$47.10	\$16.19
1551	23-Jun-11	18	11	\$30.30	Yes	\$47.10	\$16.80
1552	23-Jun-11	18	11	\$30.30	Yes	\$47.10	\$16.80
1553	23-Jun-11	18	12	\$31.04	Yes	\$47.10	\$16.06
1554	23-Jun-11	18	12	\$31.04	Yes	\$47.10	\$16.06
1555	23-Jun-11	19	1	\$32.09	Yes	\$47.10	\$15.01
1556	23-Jun-11	19	1	\$32.09	Yes	\$47.10	\$15.01
1557	23-Jun-11	19	2	\$33.46	Yes	\$47.10	\$13.64
1558	23-Jun-11	19	2	\$33.46	Yes	\$47.10	\$13.64
1559	23-Jun-11	19	3	\$33.83	Yes	\$47.10	\$13.27
1560	23-Jun-11	19	3	\$33.83	Yes	\$47.10	\$13.27
1561	23-Jun-11	19	4	\$34.08	Yes	\$47.10	\$13.02
1562	23-Jun-11	19	4	\$34.08	Yes	\$47.10	\$13.02
1563	23-Jun-11	19	5	\$34.16	Yes	\$47.10	\$12.94
1564	23-Jun-11	19	5	\$34.16	Yes	\$47.10	\$12.94
1565	23-Jun-11	19	6	\$34.94	Yes	\$47.10	\$12.16
1566	23-Jun-11	19	6	\$34.94	Yes	\$47.10	\$12.16
1567	23-Jun-11	19	7	\$35.58	Yes	\$47.10	\$11.52
1568	23-Jun-11	19	7	\$35.58	Yes	\$47.10	\$11.52
1569	23-Jun-11	19	8	\$34.88	Yes	\$47.10	\$12.22
1570	23-Jun-11	19	8	\$34.88	Yes	\$47.10	\$12.22
1571	23-Jun-11	19	9	\$34.71	Yes	\$47.10	\$12.39

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1572	23-Jun-11	19	9	\$34.71	Yes	\$47.10	\$12.39
1573	23-Jun-11	19	10	\$35.63	Yes	\$47.10	\$11.47
1574	23-Jun-11	19	10	\$35.63	Yes	\$47.10	\$11.47
1575	23-Jun-11	19	11	\$35.65	Yes	\$47.10	\$11.45
1576	23-Jun-11	19	11	\$35.65	Yes	\$47.10	\$11.45
1577	23-Jun-11	19	12	\$31.08	Yes	\$47.10	\$16.02
1578	23-Jun-11	19	12	\$31.08	Yes	\$47.10	\$16.02
1579	23-Jun-11	20	1	\$31.79	Yes	\$47.10	\$15.31
1580	23-Jun-11	20	1	\$31.79	Yes	\$47.10	\$15.31
1581	23-Jun-11	20	2	\$23.30	Yes	\$47.10	\$23.80
1582	23-Jun-11	20	2	\$23.30	Yes	\$47.10	\$23.80
1583	23-Jun-11	20	3	\$23.30	Yes	\$47.10	\$23.80
1584	23-Jun-11	20	3	\$23.30	Yes	\$47.10	\$23.80
1585	23-Jun-11	20	4	\$29.43	Yes	\$47.10	\$17.67
1586	23-Jun-11	20	4	\$29.43	Yes	\$47.10	\$17.67
1587	23-Jun-11	20	5	\$29.43	Yes	\$47.10	\$17.67
1588	23-Jun-11	20	5	\$29.43	Yes	\$47.10	\$17.67
1589	23-Jun-11	20	6	\$30.10	Yes	\$47.10	\$17.00
1590	23-Jun-11	20	6	\$30.10	Yes	\$47.10	\$17.00
1591	23-Jun-11	20	7	\$26.68	Yes	\$47.10	\$20.42
1592	23-Jun-11	20	7	\$26.68	Yes	\$47.10	\$20.42
1593	23-Jun-11	20	8	\$26.68	Yes	\$47.10	\$20.42
1594	23-Jun-11	20	8	\$26.68	Yes	\$47.10	\$20.42
1595	23-Jun-11	20	9	\$26.68	Yes	\$47.10	\$20.42
1596	23-Jun-11	20	9	\$26.68	Yes	\$47.10	\$20.42
1597	23-Jun-11	20	10	\$26.66	Yes	\$47.10	\$20.44
1598	23-Jun-11	20	10	\$26.66	Yes	\$47.10	\$20.44
1599	23-Jun-11	20	11	\$26.66	Yes	\$47.10	\$20.44
1600	23-Jun-11	20	11	\$26.66	Yes	\$47.10	\$20.44
1601	23-Jun-11	20	12	\$25.64	Yes	\$47.10	\$21.46
1602	23-Jun-11	20	12	\$25.64	Yes	\$47.10	\$21.46
1603	23-Jun-11	21	1	\$26.70	Yes	\$47.10	\$20.40
1604	23-Jun-11	21	1	\$26.70	Yes	\$47.10	\$20.40
1605	23-Jun-11	21	2	\$25.19	Yes	\$47.10	\$21.91
1606	23-Jun-11	21	2	\$25.19	Yes	\$47.10	\$21.91
1607	23-Jun-11	21	3	\$28.21	Yes	\$47.10	\$18.89
1608	23-Jun-11	21	3	\$28.21	Yes	\$47.10	\$18.89
1609	23-Jun-11	21	4	\$28.94	Yes	\$47.10	\$18.16
1610	23-Jun-11	21	4	\$28.94	Yes	\$47.10	\$18.16
1611	23-Jun-11	21	5	\$31.10	Yes	\$47.10	\$16.00
1612	23-Jun-11	21	5	\$31.10	Yes	\$47.10	\$16.00
1613	23-Jun-11	21	6	\$30.38	Yes	\$47.10	\$16.72
1614	23-Jun-11	21	6	\$30.38	Yes	\$47.10	\$16.72
1615	23-Jun-11	21	7	\$30.21	Yes	\$47.10	\$16.89
1616	23-Jun-11	21	7	\$30.21	Yes	\$47.10	\$16.89

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1617	23-Jun-11	21	8	\$30.21	Yes	\$47.10	\$16.89
1618	23-Jun-11	21	8	\$30.21	Yes	\$47.10	\$16.89
1619	23-Jun-11	21	9	\$29.52	Yes	\$47.10	\$17.58
1620	23-Jun-11	21	9	\$29.52	Yes	\$47.10	\$17.58
1621	23-Jun-11	21	10	\$30.03	Yes	\$47.10	\$17.07
1622	23-Jun-11	21	10	\$30.03	Yes	\$47.10	\$17.07
1623	23-Jun-11	21	11	\$26.64	Yes	\$47.10	\$20.46
1624	23-Jun-11	21	11	\$26.64	Yes	\$47.10	\$20.46
1625	23-Jun-11	21	12	\$24.23	Yes	\$47.10	\$22.87
1626	23-Jun-11	21	12	\$24.23	Yes	\$47.10	\$22.87
1627	23-Jun-11	22	1	\$32.24	Yes	\$47.10	\$14.86
1628	23-Jun-11	22	2	\$32.24	Yes	\$47.10	\$14.86
1629	23-Jun-11	22	3	\$34.38	Yes	\$47.10	\$12.72
1630	23-Jun-11	22	4	\$34.52	Yes	\$47.10	\$12.58
1631	23-Jun-11	22	5	\$33.42	Yes	\$47.10	\$13.68
1632	23-Jun-11	22	6	\$31.76	Yes	\$47.10	\$15.34
1633	23-Jun-11	22	7	\$31.11	Yes	\$47.10	\$15.99
1634	23-Jun-11	22	8	\$26.65	Yes	\$47.10	\$20.45
1635	23-Jun-11	22	9	\$16.64	Yes	\$47.10	\$30.46
1636	23-Jun-11	22	10	\$16.55	Yes	\$47.10	\$30.55
1637	23-Jun-11	22	11	\$13.63	Yes	\$47.10	\$33.47
1638	23-Jun-11	22	12	\$7.92	Yes	\$47.10	\$39.18
1639	23-Jun-11	23	1	\$0.01	Yes	\$47.10	\$47.09
1640	23-Jun-11	23	2	\$42.91	Yes	\$47.10	\$4.19
1641	23-Jun-11	23	3	\$38.28	Yes	\$47.10	\$8.82
1642	23-Jun-11	23	4	\$23.34	Yes	\$47.10	\$23.76
1643	23-Jun-11	23	5	\$236.16	Yes	\$47.10	-\$189.06
1644	23-Jun-11	23	6	\$89.65	Yes	\$47.10	-\$42.55
1645	23-Jun-11	23	7	\$47.78	Yes	\$47.10	-\$0.68
1646	23-Jun-11	23	8	\$39.51	Yes	\$47.10	\$7.59
1647	23-Jun-11	23	9	\$33.30	Yes	\$47.10	\$13.80
1648	23-Jun-11	23	10	\$31.81	Yes	\$47.10	\$15.29
1649	23-Jun-11	23	11	\$0.01	Yes	\$47.10	\$47.09
1650	23-Jun-11	23	12	-\$0.01	Yes	\$47.10	\$47.11
1651	23-Jun-11	24	1	\$0.59	Yes	\$45.17	\$44.58
1652	23-Jun-11	24	2	\$31.80	Yes	\$45.17	\$13.37
1653	23-Jun-11	24	3	\$0.01	Yes	\$45.17	\$45.16
1654	23-Jun-11	24	4	\$52.81	Yes	\$45.17	-\$7.64
1655	23-Jun-11	24	5	\$50.89	Yes	\$45.17	-\$5.72
1656	23-Jun-11	24	6	\$66.93	Yes	\$45.17	-\$21.76
1657	23-Jun-11	24	7	-\$0.01	Yes	\$45.17	\$45.18
1658	23-Jun-11	24	8	-\$0.01	Yes	\$45.17	\$45.18
1659	23-Jun-11	24	9	-\$0.02	Yes	\$45.17	\$45.19
1660	23-Jun-11	24	10	-\$0.01	Yes	\$45.17	\$45.18
1661	23-Jun-11	24	11	-\$0.02	Yes	\$45.17	\$45.19

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1662	23-Jun-11	24	12	-\$0.02	Yes	\$45.17	\$45.19
1663	29-Jun-11	7	1	-\$1.12	No	\$45.08	\$46.20
1664	29-Jun-11	7	2	-\$1.12	No	\$45.08	\$46.20
1665	29-Jun-11	7	3	-\$1.12	No	\$45.08	\$46.20
1666	29-Jun-11	7	4	-\$30.98	No	\$45.08	\$76.06
1667	29-Jun-11	7	5	-\$1.13	No	\$45.08	\$46.21
1668	29-Jun-11	7	6	-\$0.01	No	\$45.08	\$45.09
1669	29-Jun-11	7	7	-\$31.15	No	\$45.08	\$76.23
1670	29-Jun-11	7	8	-\$31.33	No	\$45.08	\$76.41
1671	29-Jun-11	7	9	-\$31.11	No	\$45.08	\$76.19
1672	29-Jun-11	7	10	-\$32.66	No	\$45.08	\$77.74
1673	29-Jun-11	7	11	-\$31.43	No	\$45.08	\$76.51
1674	29-Jun-11	7	12	-\$31.64	No	\$45.08	\$76.72
1675	29-Jun-11	8	1	-\$31.45	No	\$45.08	\$76.53
1676	29-Jun-11	8	2	-\$31.48	No	\$45.08	\$76.56
1677	29-Jun-11	8	3	-\$31.13	No	\$45.08	\$76.21
1678	29-Jun-11	8	4	-\$31.56	No	\$45.08	\$76.64
1679	29-Jun-11	8	5	-\$31.51	No	\$45.08	\$76.59
1680	29-Jun-11	8	6	-\$31.38	No	\$45.08	\$76.46
1681	29-Jun-11	8	7	-\$31.68	No	\$45.08	\$76.76
1682	29-Jun-11	8	8	-\$31.40	No	\$45.08	\$76.48
1683	29-Jun-11	8	9	-\$31.31	No	\$45.08	\$76.39
1684	29-Jun-11	8	10	-\$31.31	No	\$45.08	\$76.39
1685	29-Jun-11	8	11	-\$2.27	No	\$45.08	\$47.35
1686	29-Jun-11	8	12	-\$1.13	No	\$45.08	\$46.21
1687	29-Jun-11	9	1	-\$30.90	No	\$45.08	\$75.98
1688	29-Jun-11	9	2	-\$31.27	No	\$45.08	\$76.35
1689	29-Jun-11	9	3	-\$31.27	No	\$45.08	\$76.35
1690	29-Jun-11	9	4	-\$31.41	No	\$45.08	\$76.49
1691	29-Jun-11	9	5	-\$30.97	No	\$45.08	\$76.05
1692	29-Jun-11	9	6	-\$1.13	No	\$45.08	\$46.21
1693	29-Jun-11	9	7	\$24.31	No	\$45.08	\$20.77
1694	29-Jun-11	9	8	\$24.59	No	\$45.08	\$20.49
1695	29-Jun-11	9	9	\$26.56	No	\$45.08	\$18.52
1696	29-Jun-11	9	10	-\$1.10	No	\$45.08	\$46.18
1697	29-Jun-11	9	11	\$0.01	No	\$45.08	\$45.07
1698	29-Jun-11	9	12	-\$1.13	No	\$45.08	\$46.21
1699	29-Jun-11	10	1	-\$1.12	No	\$45.08	\$46.20
1700	29-Jun-11	10	2	-\$1.09	No	\$45.08	\$46.17
1701	29-Jun-11	10	3	-\$1.12	No	\$45.08	\$46.20
1702	29-Jun-11	10	4	-\$1.09	No	\$45.08	\$46.17
1703	29-Jun-11	10	5	-\$1.12	No	\$45.08	\$46.20
1704	29-Jun-11	10	6	-\$0.02	No	\$45.08	\$45.10
1705	29-Jun-11	10	7	-\$0.01	No	\$45.08	\$45.09
1706	29-Jun-11	10	8	-\$0.01	No	\$45.08	\$45.09

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1707	29-Jun-11	10	9	\$0.01	No	\$45.08	\$45.07
1708	29-Jun-11	10	10	\$11.47	No	\$45.08	\$33.61
1709	29-Jun-11	10	11	\$0.01	No	\$45.08	\$45.07
1710	29-Jun-11	10	12	\$11.47	No	\$45.08	\$33.61
1711	29-Jun-11	11	1	\$0.01	No	\$45.08	\$45.07
1712	29-Jun-11	11	2	\$26.79	No	\$45.08	\$18.29
1713	29-Jun-11	11	3	\$26.79	No	\$45.08	\$18.29
1714	29-Jun-11	11	4	\$28.45	No	\$45.08	\$16.63
1715	29-Jun-11	11	5	\$29.62	No	\$45.08	\$15.46
1716	29-Jun-11	11	6	\$27.57	No	\$45.08	\$17.51
1717	29-Jun-11	11	7	\$0.01	No	\$45.08	\$45.07
1718	29-Jun-11	11	8	\$26.66	No	\$45.08	\$18.42
1719	29-Jun-11	11	9	\$27.57	No	\$45.08	\$17.51
1720	29-Jun-11	11	10	\$26.97	No	\$45.08	\$18.11
1721	29-Jun-11	11	11	\$26.97	No	\$45.08	\$18.11
1722	29-Jun-11	11	12	\$30.81	No	\$45.08	\$14.27
1723	29-Jun-11	12	1	\$31.91	No	\$45.08	\$13.17
1724	29-Jun-11	12	2	\$41.16	No	\$45.08	\$3.92
1725	29-Jun-11	12	3	\$33.56	No	\$45.08	\$11.52
1726	29-Jun-11	12	4	\$31.09	No	\$45.08	\$13.99
1727	29-Jun-11	12	5	\$31.79	No	\$45.08	\$13.29
1728	29-Jun-11	12	6	\$32.97	No	\$45.08	\$12.11
1729	29-Jun-11	12	7	\$31.82	No	\$45.08	\$13.26
1730	29-Jun-11	12	8	\$31.82	No	\$45.08	\$13.26
1731	29-Jun-11	12	9	\$31.82	No	\$45.08	\$13.26
1732	29-Jun-11	12	10	\$32.95	No	\$45.08	\$12.13
1733	29-Jun-11	12	11	\$33.88	No	\$45.08	\$11.20
1734	29-Jun-11	12	12	\$34.24	No	\$45.08	\$10.84
1735	29-Jun-11	13	1	\$46.77	No	\$45.08	-\$1.69
1736	29-Jun-11	13	2	\$42.37	No	\$45.08	\$2.71
1737	29-Jun-11	13	3	\$42.37	No	\$45.08	\$2.71
1738	29-Jun-11	13	4	\$30.66	No	\$45.08	\$14.42
1739	29-Jun-11	13	5	\$31.13	No	\$45.08	\$13.95
1740	29-Jun-11	13	6	\$31.13	No	\$45.08	\$13.95
1741	29-Jun-11	13	7	\$30.93	No	\$45.08	\$14.15
1742	29-Jun-11	13	8	\$31.36	No	\$45.08	\$13.72
1743	29-Jun-11	13	9	\$30.93	No	\$45.08	\$14.15
1744	29-Jun-11	13	10	\$31.76	No	\$45.08	\$13.32
1745	29-Jun-11	13	11	\$31.76	No	\$45.08	\$13.32
1746	29-Jun-11	13	12	\$30.96	No	\$45.08	\$14.12
1747	29-Jun-11	14	1	\$30.94	No	\$45.08	\$14.14
1748	29-Jun-11	14	2	\$30.85	No	\$45.08	\$14.23
1749	29-Jun-11	14	3	\$30.94	No	\$45.08	\$14.14
1750	29-Jun-11	14	4	\$30.96	No	\$45.08	\$14.12
1751	29-Jun-11	14	5	\$30.96	No	\$45.08	\$14.12

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1752	29-Jun-11	14	6	\$30.96	No	\$45.08	\$14.12
1753	29-Jun-11	14	7	\$31.64	No	\$45.08	\$13.44
1754	29-Jun-11	14	8	\$31.64	No	\$45.08	\$13.44
1755	29-Jun-11	14	9	\$31.79	No	\$45.08	\$13.29
1756	29-Jun-11	14	10	\$31.90	No	\$45.08	\$13.18
1757	29-Jun-11	14	11	\$32.84	No	\$45.08	\$12.24
1758	29-Jun-11	14	12	\$32.84	No	\$45.08	\$12.24
1759	29-Jun-11	15	1	\$31.80	No	\$45.08	\$13.28
1760	29-Jun-11	15	2	\$31.82	No	\$45.08	\$13.26
1761	29-Jun-11	15	3	\$35.23	No	\$45.08	\$9.85
1762	29-Jun-11	15	4	\$31.66	No	\$45.08	\$13.42
1763	29-Jun-11	15	5	\$31.66	No	\$45.08	\$13.42
1764	29-Jun-11	15	6	\$31.05	No	\$45.08	\$14.03
1765	29-Jun-11	15	7	\$30.86	No	\$45.08	\$14.22
1766	29-Jun-11	15	8	\$30.86	No	\$45.08	\$14.22
1767	29-Jun-11	15	9	\$31.42	No	\$45.08	\$13.66
1768	29-Jun-11	15	10	\$31.76	No	\$45.08	\$13.32
1769	29-Jun-11	15	11	\$31.81	No	\$45.08	\$13.27
1770	29-Jun-11	15	12	\$31.57	No	\$45.08	\$13.51
1771	29-Jun-11	16	1	\$31.37	No	\$45.08	\$13.71
1772	29-Jun-11	16	2	\$31.37	No	\$45.08	\$13.71
1773	29-Jun-11	16	3	\$31.55	No	\$45.08	\$13.53
1774	29-Jun-11	16	4	\$31.61	No	\$45.08	\$13.47
1775	29-Jun-11	16	5	\$31.61	No	\$45.08	\$13.47
1776	29-Jun-11	16	6	\$31.61	No	\$45.08	\$13.47
1777	29-Jun-11	16	7	\$31.61	No	\$45.08	\$13.47
1778	29-Jun-11	16	8	\$31.61	No	\$45.08	\$13.47
1779	29-Jun-11	16	9	\$31.61	No	\$45.08	\$13.47
1780	29-Jun-11	16	10	\$31.61	No	\$45.08	\$13.47
1781	29-Jun-11	16	11	\$31.61	No	\$45.08	\$13.47
1782	29-Jun-11	16	12	\$31.68	No	\$45.08	\$13.40
1783	29-Jun-11	17	1	\$31.54	No	\$45.08	\$13.54
1784	29-Jun-11	17	2	\$30.91	No	\$45.08	\$14.17
1785	29-Jun-11	17	3	\$31.55	No	\$45.08	\$13.53
1786	29-Jun-11	17	4	\$31.11	No	\$45.08	\$13.97
1787	29-Jun-11	17	5	\$30.89	No	\$45.08	\$14.19
1788	29-Jun-11	17	6	\$30.89	No	\$45.08	\$14.19
1789	29-Jun-11	17	7	\$30.77	No	\$45.08	\$14.31
1790	29-Jun-11	17	8	\$30.77	No	\$45.08	\$14.31
1791	29-Jun-11	17	9	\$30.77	No	\$45.08	\$14.31
1792	29-Jun-11	17	10	\$30.38	No	\$45.08	\$14.70
1793	29-Jun-11	17	11	\$30.38	No	\$45.08	\$14.70
1794	29-Jun-11	17	12	\$31.03	No	\$45.08	\$14.05
1795	29-Jun-11	18	1	\$28.07	Yes	\$45.08	\$17.01
1796	29-Jun-11	18	1	\$28.07	No	\$45.08	\$17.01

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1797	29-Jun-11	18	2	\$34.63	Yes	\$45.08	\$10.45
1798	29-Jun-11	18	2	\$34.63	No	\$45.08	\$10.45
1799	29-Jun-11	18	3	\$34.98	Yes	\$45.08	\$10.10
1800	29-Jun-11	18	3	\$34.98	No	\$45.08	\$10.10
1801	29-Jun-11	18	4	\$32.45	Yes	\$45.08	\$12.63
1802	29-Jun-11	18	4	\$32.45	No	\$45.08	\$12.63
1803	29-Jun-11	18	5	\$32.45	Yes	\$45.08	\$12.63
1804	29-Jun-11	18	5	\$32.45	No	\$45.08	\$12.63
1805	29-Jun-11	18	6	\$32.45	Yes	\$45.08	\$12.63
1806	29-Jun-11	18	6	\$32.45	No	\$45.08	\$12.63
1807	29-Jun-11	18	7	\$34.28	No	\$45.08	\$10.80
1808	29-Jun-11	18	7	\$34.28	Yes	\$45.08	\$10.80
1809	29-Jun-11	18	8	\$31.93	Yes	\$45.08	\$13.15
1810	29-Jun-11	18	8	\$31.93	No	\$45.08	\$13.15
1811	29-Jun-11	18	9	\$31.59	Yes	\$45.08	\$13.49
1812	29-Jun-11	18	9	\$31.59	No	\$45.08	\$13.49
1813	29-Jun-11	18	10	\$30.96	Yes	\$45.08	\$14.12
1814	29-Jun-11	18	10	\$30.96	No	\$45.08	\$14.12
1815	29-Jun-11	18	11	\$30.96	Yes	\$45.08	\$14.12
1816	29-Jun-11	18	11	\$30.96	No	\$45.08	\$14.12
1817	29-Jun-11	18	12	\$30.83	Yes	\$45.08	\$14.25
1818	29-Jun-11	18	12	\$30.83	No	\$45.08	\$14.25
1819	29-Jun-11	19	1	\$35.05	Yes	\$45.08	\$10.03
1820	29-Jun-11	19	2	\$35.05	Yes	\$45.08	\$10.03
1821	29-Jun-11	19	3	\$45.49	Yes	\$45.08	-\$0.41
1822	29-Jun-11	19	4	\$35.28	Yes	\$45.08	\$9.80
1823	29-Jun-11	19	5	\$36.37	Yes	\$45.08	\$8.71
1824	29-Jun-11	19	6	\$34.22	Yes	\$45.08	\$10.86
1825	29-Jun-11	19	7	\$37.25	Yes	\$45.08	\$7.83
1826	29-Jun-11	19	8	\$43.41	Yes	\$45.08	\$1.67
1827	29-Jun-11	19	9	\$42.02	Yes	\$45.08	\$3.06
1828	29-Jun-11	19	10	\$43.32	Yes	\$45.08	\$1.76
1829	29-Jun-11	19	11	\$40.04	Yes	\$45.08	\$5.04
1830	29-Jun-11	19	12	\$37.33	Yes	\$45.08	\$7.75
1831	29-Jun-11	20	1	\$53.98	Yes	\$45.08	-\$8.90
1832	29-Jun-11	20	2	\$46.39	Yes	\$45.08	-\$1.31
1833	29-Jun-11	20	3	\$46.39	Yes	\$45.08	-\$1.31
1834	29-Jun-11	20	4	\$45.87	Yes	\$45.08	-\$0.79
1835	29-Jun-11	20	5	\$45.42	Yes	\$45.08	-\$0.34
1836	29-Jun-11	20	6	\$44.59	Yes	\$45.08	\$0.49
1837	29-Jun-11	20	7	\$45.48	Yes	\$45.08	-\$0.40
1838	29-Jun-11	20	8	\$45.64	Yes	\$45.08	-\$0.56
1839	29-Jun-11	20	9	\$46.39	Yes	\$45.08	-\$1.31
1840	29-Jun-11	20	10	\$49.19	Yes	\$45.08	-\$4.11
1841	29-Jun-11	20	11	\$46.41	Yes	\$45.08	-\$1.33

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1842	29-Jun-11	20	12	\$46.41	Yes	\$45.08	-\$1.33
1843	29-Jun-11	21	1	\$38.41	Yes	\$45.08	\$6.67
1844	29-Jun-11	21	2	\$37.34	Yes	\$45.08	\$7.74
1845	29-Jun-11	21	3	\$38.41	Yes	\$45.08	\$6.67
1846	29-Jun-11	21	4	\$38.84	Yes	\$45.08	\$6.24
1847	29-Jun-11	21	5	\$45.04	Yes	\$45.08	\$0.04
1848	29-Jun-11	21	6	\$46.66	Yes	\$45.08	-\$1.58
1849	29-Jun-11	21	7	\$46.49	Yes	\$45.08	-\$1.41
1850	29-Jun-11	21	8	\$46.49	Yes	\$45.08	-\$1.41
1851	29-Jun-11	21	9	\$46.49	Yes	\$45.08	-\$1.41
1852	29-Jun-11	21	10	\$57.04	Yes	\$45.08	-\$11.96
1853	29-Jun-11	21	11	\$60.15	Yes	\$45.08	-\$15.07
1854	29-Jun-11	21	12	\$57.04	Yes	\$45.08	-\$11.96
1855	29-Jun-11	22	1	\$60.45	Yes	\$45.08	-\$15.37
1856	29-Jun-11	22	2	\$57.32	Yes	\$45.08	-\$12.24
1857	29-Jun-11	22	3	\$38.80	Yes	\$45.08	\$6.28
1858	29-Jun-11	22	4	\$31.88	Yes	\$45.08	\$13.20
1859	29-Jun-11	22	5	\$31.88	Yes	\$45.08	\$13.20
1860	29-Jun-11	22	6	\$34.93	Yes	\$45.08	\$10.15
1861	29-Jun-11	22	7	\$39.48	Yes	\$45.08	\$5.60
1862	29-Jun-11	22	8	\$46.52	Yes	\$45.08	-\$1.44
1863	29-Jun-11	22	9	\$46.52	Yes	\$45.08	-\$1.44
1864	29-Jun-11	22	10	\$42.02	Yes	\$45.08	\$3.06
1865	29-Jun-11	22	11	\$32.56	Yes	\$45.08	\$12.52
1866	29-Jun-11	22	12	\$31.65	Yes	\$45.08	\$13.43
1867	29-Jun-11	23	1	\$60.33	Yes	\$45.08	-\$15.25
1868	29-Jun-11	23	2	\$60.33	Yes	\$45.08	-\$15.25
1869	29-Jun-11	23	3	\$45.51	Yes	\$45.08	-\$0.43
1870	29-Jun-11	23	4	\$44.70	Yes	\$45.08	\$0.38
1871	29-Jun-11	23	5	\$56.67	Yes	\$45.08	-\$11.59
1872	29-Jun-11	23	6	\$53.53	Yes	\$45.08	-\$8.45
1873	29-Jun-11	23	7	\$53.42	Yes	\$45.08	-\$8.34
1874	29-Jun-11	23	8	\$36.21	Yes	\$45.08	\$8.87
1875	29-Jun-11	23	9	\$32.87	Yes	\$45.08	\$12.21
1876	29-Jun-11	23	10	\$26.66	Yes	\$45.08	\$18.42
1877	29-Jun-11	23	11	\$26.66	Yes	\$45.08	\$18.42
1878	29-Jun-11	23	12	\$26.66	Yes	\$45.08	\$18.42
1879	30-Jun-11	24	1	\$40.40	Yes	\$45.27	\$4.87
1880	30-Jun-11	24	2	\$46.36	Yes	\$45.27	-\$1.09
1881	30-Jun-11	24	3	\$46.51	Yes	\$45.27	-\$1.24
1882	30-Jun-11	24	4	\$33.60	Yes	\$45.27	\$11.67
1883	30-Jun-11	24	5	\$30.95	Yes	\$45.27	\$14.32
1884	30-Jun-11	24	6	\$25.38	Yes	\$45.27	\$19.89
1885	30-Jun-11	24	7	\$0.01	Yes	\$45.27	\$45.26
1886	30-Jun-11	24	8	\$0.21	Yes	\$45.27	\$45.06

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1887	30-Jun-11	24	9	\$5.51	Yes	\$45.27	\$39.76
1888	30-Jun-11	24	10	\$5.50	Yes	\$45.27	\$39.77
1889	30-Jun-11	24	11	\$0.21	Yes	\$45.27	\$45.06
1890	30-Jun-11	24	12	-\$0.04	Yes	\$45.27	\$45.31

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In June 2011, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS⁸ and Delta Dispatch. Table 10 shows the costs by instruction type in June. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$616. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$797. The cost saving from the exceptional dispatch bid mitigation was \$181.

Table 10: Bid Mitigation Analysis for June

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
TMODEL5	1	\$797	\$616	\$181
Total	1	\$797	\$616	\$181

⁸ The non-competitive “TMODEL” exceptional dispatches include: TMODEL4 (if more than one participating transmission owner is affected), TMODEL5 (if only PG&E is affected), TMODEL6 (if only SCE is affected) and TMODEL 7 (if only SDG&E is affected).

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 September , 2011.

Anna Pascuzzo

Anna Pascuzzo