



California Independent  
System Operator Corporation

June 30, 2010

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-\_\_\_\_  
March 2010 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 March 2010. The attached Chart 2 report also includes the price impact analysis for the month February 2010 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 March 2010.

Respectfully submitted,

**/s/ Sidney M. Davies**

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# Exceptional Dispatch Report

## Table 2: March 2010

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## Introduction

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

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 March is presented in Appendix B. This report also includes the degree of mitigation analysis for March 2010 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 March 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 associate a reason for each exceptional dispatch instruction.

In March 2010, the ISO issued exceptional dispatches for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-132, transmission facilities in San Diego and Imperial Valley area; (3) T-138, transmission facilities in Humboldt area; and (4) other transmission outages in PG&E, SCE and SDG&E area.

In Table 1, the reason codes starting with “G” refer to an ISO operation 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 CAISO website.<sup>1</sup>

The following additional reasons for exceptional dispatch instructions in March 2010 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) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures; and (3) Ramp Rate, when exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in March, which are self explanatory.

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

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

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.<sup>2</sup> This table contains all the information published in the Table 1 of the first report for March. 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.<sup>3</sup>
- The CC6470 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.

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

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

- The ED Volume MWh (MWh INC/DEC) 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 shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both these charge codes are portion of the real-time Instructed imbalance energy charge code (6470).<sup>4</sup>
- The CC6482 shows the real-time excess cost for the classification.<sup>5</sup>
- The CC6488 shows the real-time exceptional dispatch uplift settlement for the classification.<sup>6</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge code pertain to real-time exceptional dispatch MWh quantities. The classification of data is further explained by way of example in Attachment A.

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

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

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

**Table 1: Exceptional Dispatches in March 2010**

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
June 30, 2010**

**Chart 2: Table of Exceptional Dispatches for Period 01/March/2010 - 31/ March/2010**

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	DA	SP26 Capacity	SDG&E	San Diego	20-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$44,120	\$9,539	\$0	0.00	\$0	\$0	\$0	\$0	\$0
2	DA	SP26 Capacity	SDG&E	San Diego	21-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$41,335	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$20,196
3	DA	SP26 Capacity	SDG&E	San Diego	25-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$42,264	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$28,248
4	DA	SP26 Capacity	SDG&E	San Diego	26-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$41,986	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$21,967
5	DA	SP26 Capacity	SDG&E	San Diego	27-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$42,078	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$26,635
6	DA	SP26 Capacity	SDG&E	San Diego	29-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$40,594	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$20,087
7	DA	SP26 Capacity	SDG&E	San Diego	30-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$40,594	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$21,270
8	DA	SP26 Capacity	SDG&E	San Diego	31-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$39,943	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$17,934
9	DA	T-103	SCE	Big Creek- Ventura	16-Mar-10	50	Yes	N/A	24	0:00	23:00	1200.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
10	DA	T-103	SCE	LA Basin	9-Mar-10	40- 120	Yes	N/A	24	0:00	23:00	2480.00	\$202,819	\$123,674	\$0	0.00	\$0	\$0	\$0	\$0	\$178,273
11	DA	T-103	SCE	LA Basin	10-Mar-10	120	Yes	N/A	24	0:00	23:00	2880.00	\$333,768	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$111,805
12	DA	T-103	SCE	LA Basin	11-Mar-10	120	Yes	N/A	24	0:00	23:00	2880.00	\$333,768	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$71,714
13	DA	T-103	SCE	LA Basin	12-Mar-10	90- 120	Yes	N/A	22	0:00	21:00	2610.00	\$301,236	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$166,136
14	DA	T-103	SCE	LA Basin	15-Mar-10	40	Yes	N/A	19	5:00	23:00	760.00	\$93,954	\$109,992	\$0	0.00	\$0	\$0	\$0	\$0	\$91,879
15	DA	T-103	SCE	LA Basin	16-Mar-10	50- 185	Yes	N/A	24	0:00	23:00	3715.00	\$425,934	\$255,943	\$0	0.00	\$0	\$0	\$0	\$0	\$385,361
16	DA	T-103	SCE	LA Basin	18-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$24,491
17	DA	T-103	SCE	LA Basin	19-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$19,025
18	DA	T-103	SCE	LA Basin	20-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$16,506
19	DA	T-103	SCE	LA Basin	21-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$30,172
20	DA	T-103	SCE	LA Basin	26-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$25,602
21	DA	T-103	SCE	LA Basin	27-Mar-10	80	Yes	N/A	24	0:00	23:00	1920.00	\$204,396	\$123,674	\$0	0.00	\$0	\$0	\$0	\$0	\$261,081
22	DA	T-103	SDG&E	San Diego	9-Mar-10	20	Yes	N/A	19	5:00	23:00	380.00	\$32,702	\$14,521	\$0	0.00	\$0	\$0	\$0	\$0	\$0
23	DA	T-103	SDG&E	San Diego	10-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$47,091	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$15,904
24	DA	T-103	SDG&E	San Diego	11-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$47,926	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$19,710
25	DA	T-103	SDG&E	San Diego	12-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$46,997	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$25,642
26	DA	T-103	SDG&E	San Diego	16-Mar-10	60	Yes	N/A	17	3:00	19:00	1020.00	\$75,858	\$23,685	\$0	0.00	\$0	\$0	\$0	\$0	\$54,807
27	DA	T-103	SDG&E	San Diego	22-Mar-10	60	Yes	N/A	24	0:00	23:00	1440.00	\$98,559	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$35,194



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
28	DA	T-103	SDG&E	San Diego	23-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$41,335	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$6,474
29	DA	T-103	SDG&E	San Diego	24-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$41,986	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$35,151
30	DA	Transmission Outage PG&E	PG&E	Bay Area	6-Mar-10	90	Yes	N/A	17	7:00	23:00	1530.00	\$115,194	\$38,129	\$0	0.00	\$0	\$0	\$0	\$0	\$91,992
31	DA	Transmission Outage PG&E	PG&E	Bay Area	7-Mar-10	90	Yes	N/A	24	0:00	23:00	2160.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$984
32	DA	Transmission Outage PG&E	PG&E	Bay Area	21-Mar-10	45	Yes	N/A	24	0:00	23:00	1080.00	\$68,079	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$28,164
33	DA	Transmission Outage PG&E	PG&E	N/A	6-Mar-10	140-192	Yes	N/A	15	9:00	23:00	2724.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
34	DA	Transmission Outage SCE	SCE	LA Basin	25-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$27,457
35	DA	Transmission Outage SCE	SCE	LA Basin	27-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$37,512
36	DA	Transmission Outage SCE	SCE	LA Basin	28-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$55,200	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$12,282
37	DA	Transmission Outage SCE	SCE	LA Basin	30-Mar-10	25	Yes	N/A	24	0:00	23:00	600.00	\$65,592	\$55,027	\$0	0.00	\$0	\$0	\$0	\$0	\$105,945
38	DA	Transmission Outage SDG&E	SCE	Big Creek-Ventura	27-Mar-10	50	Yes	N/A	17	0:00	16:00	850.00	\$190,869	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$165,352
39	DA	Transmission Outage SDG&E	SCE	LA Basin	27-Mar-10	30-70	Yes	N/A	24	0:00	23:00	1385.00	\$139,835	\$132,268	\$0	0.00	\$0	\$0	\$0	\$0	\$229,816
40	DA	Transmission Outage SDG&E	SDG&E	San Diego	23-Mar-10	40	Yes	N/A	24	0:00	23:00	960.00	\$57,224	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$16,379
41	DA	Transmission Outage SDG&E	SDG&E	San Diego	24-Mar-10	40	Yes	N/A	24	0:00	23:00	960.00	\$58,114	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$18,792
42	DA	Transmission Outage SDG&E	SDG&E	San Diego	25-Mar-10	40	Yes	N/A	24	0:00	23:00	960.00	\$58,496	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$20,905
43	DA	Transmission Outage SDG&E	SDG&E	San Diego	26-Mar-10	20	Yes	N/A	24	0:00	23:00	480.00	\$28,696	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$10,093
44	DA	Transmission Outage SDG&E	SDG&E	San Diego	27-Mar-10	20-60	Yes	N/A	24	0:00	23:00	1160.00	\$70,117	\$8,720	\$0	0.00	\$0	\$0	\$0	\$0	\$40,656
45	DA	Transmission Outage SDG&E	SDG&E	San Diego	28-Mar-10	40	Yes	N/A	24	0:00	23:00	960.00	\$68,157	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$33,357
46	RT	Market Disruption	N/A	N/A	13-Mar-10	300	No	DEC	1	20:00	20:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
47	RT	Market Disruption	N/A	N/A	13-Mar-10	420	Yes	INC	1	20:00	20:59	(70.00)	\$0	\$0	\$0	(70.00)	\$0	\$0	\$0	\$0	\$0
48	RT	Market Disruption	N/A	N/A	21-Mar-10	179	No	DEC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
49	RT	Market Disruption	N/A	N/A	21-Mar-10	70	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
50	RT	Market Disruption	N/A	N/A	22-Mar-10	219	No	DEC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
51	RT	Market Disruption	N/A	N/A	22-Mar-10	270	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
52	RT	Market Disruption	N/A	N/A	24-Mar-10	150	No	DEC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
53	RT	Market Disruption	N/A	N/A	24-Mar-10	400	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
54	RT	Ramp Rate	SCE	LA Basin	27-Mar-10	90-136	No	INC	3	12:20	14:29	284.14	\$0	\$0	(\$9,221)	270.44	(\$8,763)	\$0	\$0	(\$1,085)	\$0
55	RT	Software Limitation	N/A	N/A	3-Mar-10	0	No	INC	2	11:57	12:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
56	RT	Software Limitation	PG&E	Fresno	1-Mar-10	308	Yes	DEC	2	0:45	1:29	(64.17)	\$0	\$0	\$1,355	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Software Limitation	PG&E	Fresno	1-Mar-10	391	Yes	INC	2	0:10	1:34	(25.67)	\$0	\$0	\$937	0.00	\$0	\$0	\$0	\$0	\$0
58	RT	Software Limitation	PG&E	Fresno	8-Mar-10	308	No	DEC	2	1:30	2:29	(304.79)	\$0	\$0	\$5,981	0.00	\$0	\$0	\$0	\$0	\$0
59	RT	Software Limitation	PG&E	Fresno	8-Mar-10	0	No	INC	1	0:45	0:49	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
60	RT	Software Limitation	PG&E	Fresno	20-Mar-10	308	No	DEC	1	3:00	3:59	(301.58)	\$0	\$0	\$10,447	0.00	\$0	\$0	\$0	\$0	\$0
61	RT	Software Limitation	PG&E	Fresno	20-Mar-10	0	No	INC	2	11:45	12:59	(25.67)	\$0	\$0	\$1,229	0.00	\$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
62	RT	Software Limitation	PG&E	Fresno	20-Mar-10	0	No	INC	1	13:00	13:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
63	RT	Software Limitation	PG&E	Fresno	21-Mar-10	308	No	DEC	2	7:45	8:59	(410.67)	\$0	\$0	\$11,859	0.00	\$0	\$0	\$0	\$0	\$0
64	RT	Software Limitation	PG&E	Fresno	21-Mar-10	0	No	INC	2	7:45	8:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
65	RT	Software Limitation	PG&E	Fresno	29-Mar-10	4-308	No	DEC	9	3:20	11:59	(251.42)	\$0	\$0	\$7,523	(3.58)	\$0	\$100	\$0	\$0	\$0
66	RT	Software Limitation	PG&E	Fresno	30-Mar-10	0	No	INC	1	23:35	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
67	RT	Software Limitation	PG&E	Humboldt	2-Mar-10	0	Yes	INC	1	22:15	22:44	0.42	\$331	\$5	(\$18)	0.00	\$0	\$0	\$0	\$0	\$0
68	RT	Software Limitation	PG&E	Humboldt	3-Mar-10	0	Yes	INC	1	22:30	22:59	0.00	\$661	\$5	\$0	0.00	\$0	\$0	\$0	\$0	\$0
69	RT	Software Limitation	PG&E	Humboldt	21-Mar-10	0	No	INC	1	0:05	0:04	(0.57)	\$0	\$0	\$29	0.00	\$0	\$0	\$0	\$0	\$0
70	RT	Software Limitation	PG&E	N/A	15-Mar-10	100	Yes	INC	2	8:52	9:41	100.00	\$1,029	\$421	(\$4,561)	0.00	\$0	\$0	\$0	\$0	\$0
71	RT	Software Limitation	PG&E	N/A	17-Mar-10	279-300	Yes	DEC	2	13:17	14:39	(432.12)	\$0	\$0	\$17,788	(272.99)	\$0	\$9,917	\$0	\$0	\$0
72	RT	Software Limitation	PG&E	N/A	21-Mar-10	235-260	No	DEC	2	16:00	17:29	(203.47)	\$0	\$0	\$5,946	0.00	\$0	\$0	\$0	\$0	\$0
73	RT	Software Limitation	PG&E	NCNB	19-Mar-10	1	No	DEC	1	4:00	4:59	(1.38)	\$0	\$0	\$37	0.00	\$0	\$0	\$0	\$0	\$0
74	RT	Software Limitation	PG&E	NCNB	29-Mar-10	19-44	No	DEC	10	9:20	18:59	(529.02)	\$0	\$0	\$21,363	(461.00)	\$0	\$18,610	\$0	(\$16,606)	\$0
75	RT	Software Limitation	PG&E	NCNB	29-Mar-10	4-36	No	INC	10	9:20	18:59	352.06	\$0	\$0	(\$14,156)	0.00	\$0	\$0	\$0	\$0	\$0
76	RT	Software Limitation	SCE	Big Creek-Ventura	1-Mar-10	0	No	INC	1	19:30	19:59	(0.42)	\$0	\$0	\$16	0.00	\$0	\$0	\$0	\$0	\$0
77	RT	Software Limitation	SCE	LA Basin	10-Mar-10	15	Yes	INC	1	20:32	20:44	3.85	\$326	\$0	(\$210)	0.00	\$0	\$0	\$0	\$0	\$0
78	RT	Software Limitation	SCE	LA Basin	24-Mar-10	0	Yes	INC	14	10:45	23:59	5.51	\$898	\$164	(\$228)	0.00	\$0	\$0	\$0	\$0	\$0
79	RT	Software Limitation	SCE	LA Basin	25-Mar-10	0	Yes	INC	8	0:00	7:59	2.56	\$0	\$0	(\$108)	0.00	\$0	\$0	\$0	\$0	\$0
80	RT	Software Limitation	SCE	LA Basin	27-Mar-10	10-75	No	DEC	2	0:00	1:59	(81.87)	\$0	\$0	\$2,206	(60.06)	\$0	\$1,427	\$0	\$0	\$0
81	RT	Software Limitation	SCE	LA Basin	28-Mar-10	0	Yes	INC	18	0:50	17:39	106.95	\$3,204	\$0	(\$3,150)	0.00	\$0	\$0	\$0	\$0	\$0
82	RT	Software Limitation	SCE	LA Basin	30-Mar-10	0	Yes	INC	1	12:30	12:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
83	RT	Software Limitation	SDG&E	San Diego	10-Mar-10	48	Yes	DEC	1	13:20	13:49	(24.00)	\$0	\$0	\$1,160	(24.00)	\$0	\$1,160	\$0	\$0	\$0
84	RT	Software Limitation	SDG&E	San Diego	22-Mar-10	0	Yes	INC	3	1:25	3:44	5.07	\$0	\$0	\$44	0.00	\$0	\$0	\$0	\$0	\$0
85	RT	Software Limitation	SDG&E	San Diego	24-Mar-10	0	Yes	INC	24	0:00	23:58	(0.14)	\$0	\$0	(\$758)	0.00	\$0	\$0	\$0	\$0	\$0
86	RT	Software Limitation	SDG&E	San Diego	26-Mar-10	30	No	DEC	1	0:00	0:59	(29.58)	\$0	\$0	\$0	(29.58)	\$0	\$0	\$0	\$0	\$0
87	RT	SP26 Capacity	SCE	LA Basin	2-Mar-10	45	Yes	INC	19	5:00	23:59	958.84	\$67,258	\$99,235	(\$47,359)	0.00	\$0	\$0	\$0	\$0	\$0
88	RT	SP26 Capacity	SCE	LA Basin	3-Mar-10	45	Yes	INC	24	0:00	23:59	1670.16	\$124,704	\$0	(\$65,324)	0.00	\$0	\$0	\$0	\$0	\$0
89	RT	SP26 Capacity	SCE	LA Basin	4-Mar-10	25	Yes	INC	24	0:00	23:59	640.13	\$68,568	\$0	(\$23,438)	0.00	\$0	\$0	\$0	\$0	\$0
90	RT	SP26 Capacity	SCE	LA Basin	12-Mar-10	45	Yes	INC	20	4:00	23:59	1795.01	\$92,740	\$96,072	(\$78,792)	0.00	\$0	\$0	\$0	\$0	\$0
91	RT	SP26 Capacity	SDG&E	San Diego	12-Mar-10	20	No	INC	21	3:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
92	RT	System Energy	N/A	N/A	15-Mar-10	90	No	DEC	6	12:00	17:59	0.00	\$0	\$0	\$0	0.00	\$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
93	RT	System Energy	N/A	N/A	23-Mar-10	50	Yes	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
94	RT	System Energy	N/A	N/A	27-Mar-10	57	Yes	INC	1	13:00	13:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
95	RT	T-103	SCE	Big Creek- Ventura	16-Mar-10	100	Yes	INC	20	0:05	19:59	1420.85	\$261,734	\$72,804	(\$69,985)	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	T-103	SDG&E	San Diego	16-Mar-10	30- 60	Yes	INC	17	3:30	19:59	1603.59	\$0	\$0	(\$82,375)	0.00	\$0	\$0	\$0	\$0	\$0
97	RT	T-132	SCE	LA Basin	27-Mar-10	160	No	INC	2	13:10	14:29	212.86	\$0	\$0	(\$6,656)	206.44	(\$6,442)	\$0	\$0	(\$1,085)	\$0
98	RT	T-132	SDG&E	N/A	4-Mar-10	200- 250	No	DEC	9	2:22	10:59	(2033.33)	\$0	\$0	\$69,464	(1966.67)	\$0	\$67,628	\$0	(\$53,339)	\$0
99	RT	T-132	SDG&E	N/A	27-Mar-10	50	No	INC	4	11:23	14:29	150.69	\$0	\$0	(\$4,831)	10.97	(\$382)	\$0	\$0	(\$40)	\$0
100	RT	T-132	SDG&E	San Diego	27-Mar-10	48- 80	No	INC	4	11:40	14:29	188.28	\$0	\$0	(\$6,009)	184.49	(\$5,885)	\$0	\$0	(\$1,698)	\$0
101	RT	T-138	PG&E	Humboldt	1-Mar-10	10	Yes	INC	4	19:07	22:29	20.73	\$4,299	\$52	(\$936)	7.76	(\$349)	\$0	\$0	(\$1,185)	\$0
102	RT	T-138	PG&E	Humboldt	2-Mar-10	5- 10	No	DEC	9	10:50	18:14	0.36	\$0	\$0	(\$12)	0.00	\$0	\$0	\$0	\$0	\$0
103	RT	T-138	PG&E	Humboldt	2-Mar-10	5- 15	Yes	INC	18	6:18	23:59	164.18	\$6,613	\$52	(\$6,352)	139.35	(\$5,395)	\$0	\$0	(\$7,302)	\$0
104	RT	T-138	PG&E	Humboldt	3-Mar-10	5- 10	No	DEC	17	3:10	19:29	0.78	\$0	\$0	(\$25)	0.00	\$0	\$0	\$0	\$0	\$0
105	RT	T-138	PG&E	Humboldt	3-Mar-10	5- 20	Yes	INC	24	0:00	23:29	226.77	\$7,605	\$55	(\$8,495)	195.94	(\$7,199)	\$0	\$0	(\$9,512)	\$0
106	RT	T-138	PG&E	Humboldt	4-Mar-10	5	No	DEC	1	17:00	17:59	0.00	\$0	\$0	\$1	0.00	\$0	\$0	\$0	\$0	\$0
107	RT	T-138	PG&E	Humboldt	4-Mar-10	15	No	INC	18	0:10	17:59	39.90	\$0	\$0	(\$1,270)	38.13	(\$1,198)	\$0	\$0	(\$1,654)	\$0
108	RT	T-138	PG&E	Humboldt	5-Mar-10	15- 30	Yes	INC	6	18:00	23:59	107.24	\$11,243	\$61	(\$4,867)	73.65	(\$3,353)	\$0	\$0	(\$9,647)	\$0
109	RT	T-138	PG&E	Humboldt	7-Mar-10	25	No	INC	1	0:00	0:59	30.21	\$0	\$0	(\$1,092)	0.00	\$0	\$0	\$0	\$0	\$0
110	RT	T-138	PG&E	Humboldt	11-Mar-10	5	No	INC	14	2:00	15:59	522.19	\$0	\$0	(\$23,347)	0.00	\$0	\$0	\$0	\$0	\$0
111	RT	T-138	PG&E	Humboldt	17-Mar-10	10- 40	Yes	INC	19	5:15	23:59	510.16	\$33,398	\$126	(\$24,156)	209.60	(\$9,688)	\$0	\$0	(\$27,966)	\$0
112	RT	T-138	PG&E	Humboldt	20-Mar-10	5- 10	Yes	DEC	5	19:13	23:59	(14.06)	\$0	\$0	\$615	0.00	\$0	\$0	\$0	\$0	\$0
113	RT	T-138	PG&E	Humboldt	20-Mar-10	0	Yes	INC	4	19:43	22:39	(0.47)	\$0	\$0	\$45	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	T-138	PG&E	Humboldt	21-Mar-10	5- 10	No	DEC	6	18:10	23:49	(16.77)	\$0	\$0	\$481	0.00	\$0	\$0	\$0	\$0	\$0
115	RT	T-138	PG&E	Humboldt	21-Mar-10	0	No	INC	23	0:05	22:24	(0.99)	\$0	\$0	\$46	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	T-138	PG&E	Humboldt	29-Mar-10	5- 15	Yes	INC	13	9:30	21:59	91.72	\$0	\$0	(\$6,558)	75.89	(\$3,309)	\$0	\$0	(\$3,088)	\$0
117	RT	T-138	PG&E	Humboldt	31-Mar-10	50	No	INC	2	22:34	23:59	21.82	\$0	\$0	(\$660)	21.15	(\$640)	\$0	\$0	(\$733)	\$0
118	RT	Transmission Outage Other	PG&E	Fresno	23-Mar-10	188- 193	No	DEC	2	9:32	10:09	(128.07)	\$0	\$0	\$5,832	(127.27)	\$0	\$5,799	\$0	(\$2,007)	\$0
119	RT	Transmission Outage Other	PG&E	Humboldt	29-Mar-10	10- 25	No	INC	11	7:12	17:14	204.74	\$0	\$0	(\$7,877)	190.36	(\$7,271)	\$0	\$0	(\$5,322)	\$0
120	RT	Transmission Outage Other	SCE	LA Basin	8-Mar-10	20	Yes	INC	24	0:00	23:59	3228.68	\$60,835	\$68,948	(\$164,011)	0.00	\$0	\$0	\$0	\$0	\$0
121	RT	Transmission Outage PG&E	PG&E	Bay Area	7-Mar-10	93	No	DEC	5	18:20	22:59	(132.36)	\$0	\$0	\$10,113	(132.36)	\$0	\$10,113	\$0	(\$2,782)	\$0
122	RT	Transmission Outage PG&E	PG&E	Bay Area	7-Mar-10	0	No	INC	5	18:20	22:59	(3.88)	\$0	\$0	\$210	0.00	\$0	\$0	\$0	\$0	\$0
123	RT	Transmission Outage PG&E	PG&E	Bay Area	8-Mar-10	25	No	DEC	2	19:25	20:09	(18.49)	\$0	\$0	\$999	(18.23)	\$0	\$986	\$0	(\$475)	\$0
124	RT	Transmission Outage PG&E	PG&E	Bay Area	8-Mar-10	45-	No	INC	19	3:45	21:59	1707.55	\$0	\$0	(\$111,9	68.14	(\$3,840)	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW 110	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470 39)	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
125	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Mar-10	45	Yes	INC	5	19:00	23:59	1112.00	\$14,827	\$0	(\$58,398)	0.00	\$0	\$0	\$0	\$0	\$0
126	RT	Transmission Outage PG&E	PG&E	Fresno	22-Mar-10	2-143	No	DEC	14	8:07	21:39	(630.61)	\$0	\$0	\$23,961	(553.54)	\$0	\$21,029	\$0	(\$4,994)	\$0
127	RT	Transmission Outage PG&E	PG&E	Fresno	22-Mar-10	11	No	INC	1	21:40	21:59	(14.51)	\$0	\$0	\$399	0.00	\$0	\$0	\$0	\$0	\$0
128	RT	Transmission Outage PG&E	PG&E	Fresno	23-Mar-10	43-263	No	DEC	16	0:35	15:29	(2250.35)	\$0	\$0	\$96,672	(2074.20)	\$0	\$92,158	\$0	(\$43,330)	\$0
129	RT	Transmission Outage PG&E	PG&E	Fresno	23-Mar-10	155	No	INC	5	0:35	4:59	40.30	\$0	\$0	(\$1,149)	0.00	\$0	\$0	\$0	\$0	\$0
130	RT	Transmission Outage PG&E	PG&E	Humboldt	4-Mar-10	10-20	No	INC	12	5:50	16:44	175.83	\$0	\$0	(\$6,486)	170.57	(\$6,259)	\$0	\$0	(\$7,282)	\$0
131	RT	Transmission Outage PG&E	PG&E	Humboldt	31-Mar-10	45-65	Yes	INC	10	6:17	15:27	37.71	\$331	\$1	(\$1,252)	31.93	(\$1,061)	\$0	\$0	(\$1,933)	\$0
132	RT	Transmission Outage PG&E	PG&E	N/A	8-Mar-10	52-192	Yes	INC	16	0:00	15:59	1807.31	\$45,502	\$0	(\$54,770)	0.00	\$0	\$0	\$0	\$0	\$0
133	RT	Transmission Outage PG&E	PG&E	N/A	20-Mar-10	140	No	INC	1	23:00	23:59	159.81	\$0	\$0	(\$5,879)	0.00	\$0	\$0	\$0	\$0	\$0
134	RT	Transmission Outage PG&E	PG&E	N/A	21-Mar-10	140	No	INC	5	1:00	5:59	685.83	\$0	\$0	(\$12,945)	0.00	\$0	\$0	\$0	\$0	\$0
135	RT	Transmission Outage PG&E	PG&E	Sierra	26-Mar-10	25-50	Yes	DEC	2	12:10	13:56	(61.04)	\$0	\$0	\$1,922	(51.54)	\$0	\$1,612	\$0	(\$1,464)	\$0
136	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	1-Mar-10	40	No	DEC	3	17:55	19:29	(59.58)	\$0	\$0	\$2,453	(59.58)	\$0	\$2,453	\$0	(\$2,063)	\$0
137	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	25-Mar-10	25	No	DEC	4	17:25	20:59	(89.41)	\$0	\$0	\$2,188	(89.15)	\$0	\$2,182	\$0	\$0	\$0
138	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	26-Mar-10	20-40	No	DEC	4	17:25	20:04	(59.13)	\$0	\$0	\$1,550	(57.57)	\$0	\$1,507	\$0	(\$1,266)	\$0
139	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	28-Mar-10	40	No	DEC	5	17:12	21:59	(178.06)	\$0	\$0	\$6,305	(173.97)	\$0	\$6,163	\$0	(\$5,216)	\$0
140	RT	Transmission Outage SCE	SCE	LA Basin	15-Mar-10	21	No	INC	2	19:30	20:29	11.70	\$0	\$0	(\$874)	0.00	\$0	\$0	\$0	\$0	\$0
141	RT	Transmission Outage SDG&E	SCE	LA Basin	26-Mar-10	20	Yes	INC	24	0:00	23:59	2626.32	\$63,480	\$68,947	(\$101,733)	0.00	\$0	\$0	\$0	\$0	\$0
142	RT	Transmission Outage SDG&E	SDG&E	San Diego	28-Mar-10	21-55	No	INC	5	9:40	13:39	168.53	\$0	\$0	(\$6,214)	152.80	(\$5,624)	\$0	\$0	(\$1,536)	\$0
143	RT	Unit Testing	PG&E	Bay Area	12-Mar-10	70-300	No	INC	15	3:54	17:12	215.29	\$0	\$0	(\$8,590)	0.00	\$0	\$0	\$0	\$0	\$0

## Appendix A: Explanation by Example

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

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

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

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs<sup>7</sup>. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

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

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Reason	Total Volume (MWh)	Min-Load Cost	Start- Up Cost	CC6620 (BCR)
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	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 minimum and maximum of the overlaps of all the exceptional dispatch instructions. The commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead, however the exceptional dispatches are nearly always just commitments, as in this example. The begin time shows hour ending 5 as this was the hour ending for first dispatch of the day, and the end time shows hour ending 23, as this was the hour with last dispatch. It is also possible that there might be some hours between the begin time and the end time where there might not be exceptional dispatch instructions for the given reason, meaning that the range between the Begin Time and End Time can include null hours with no dispatch. The total volume (MWh) is the sum of MWh quantity for each resource, which adds up to 990 MWh. Similarly, all cost information is sum of individual resource costs. It is possible that some resource bid-in zero start-up cost; as seen in this example, resource A bid in zero for its start up cost. Since the ISO does not explicitly pay a resource for bid-in minimum load costs and start-up costs; these costs are recovered through the charge code CC6620 (Bid cost Recovery), this table shows the summary of CC6620 for the classification. In this case it is the sum of CC6620 for all three resources which adds up to \$5000. This column shows the impact of exceptional dispatch on bid cost recovery for all pre-day-ahead exceptional dispatch commitments.

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

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total Volume (MWh)	Min-Load Cost	Start-Up Cost	CC6620
1	DA	G-219	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00	990	\$11,400	\$1,500	\$5000

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

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

In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 30 MW from hours ending 7 through 11 after completion of the day-ahead market for the transmission procedure T-138. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure T-138. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C is shown in Table 4. This table also shows volume (MWh) and various real-time charge codes associated with the exceptional dispatch instructions. The total MWh column for each resource shows the sum of all types of imbalance energy quantities for this resource between the begin time and end time which includes both the exceptional dispatch energy quantities and optimal energy quantities.

The 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 Day-Ahead market there is 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 shows the time of the first dispatch of the day. This is a time not a range. Similarly the End Time shows a time and not a range. Exceptional dispatches occurred between these two times. Since there was a commitment between the begin time and end time then the Commitment column displays yes for the summary. Similarly, the INC/DEC column shows an INC as there was an incremental dispatch between the begin time and end time. As mentioned in the previous example it is possible that there might be some hours between the begin time and end time where there were no exceptional dispatch instructions for the given reason. Both volume and cost information columns are simply the summation for all the respective columns for resource A, B and C. For instance the Total volume (MWh) column is calculated as summation of 180,60,0 and 50 which are the individual volumes (MWh) for resources A, B and C for time periods shown in Table 4 on the previous page.

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

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	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.

The 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. The 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 it is 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 and 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 8916 five-minute intervals in March, this resource was issued exceptional dispatch instructions in 1297 five-minute intervals. It was eligible to set the LMP in 1068 intervals of the 1297 intervals. The resource calculated LMP was less than the market LMP in 8 out of the 1068 intervals, and in the rest of the 1060 intervals, the average increase in five minute LMP was \$41.52/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 \$41.52/MWh. Note that 1060 five minute intervals are approximately 11.89 percent of the total 8916 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 8916 five minute intervals, this resource was issued an exceptional dispatch instruction in 506 five minute intervals. This resource was eligible to set the LMP in all 506 intervals. The resource calculated LMP was larger than the market LMP in 386 intervals, and in the 386 intervals the average increase in five minute LMP was \$6.91/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$6.91/MWh. The 386 five minute intervals account for approximately 4.33 percent of the total 8916 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	2-Mar-10	7	5	\$36.00	Yes	\$82.77	\$46.77
2	2-Mar-10	7	6	\$35.52	Yes	\$82.77	\$47.25
3	2-Mar-10	7	7	\$36.93	Yes	\$82.77	\$45.84
4	2-Mar-10	7	8	\$37.09	Yes	\$82.77	\$45.68
5	2-Mar-10	7	9	\$38.62	Yes	\$82.77	\$44.15
6	2-Mar-10	7	10	\$38.89	Yes	\$82.77	\$43.88
7	2-Mar-10	7	11	\$41.04	Yes	\$82.77	\$41.73
8	2-Mar-10	7	12	\$43.09	Yes	\$82.77	\$39.68
9	2-Mar-10	8	1	\$36.57	Yes	\$82.77	\$46.20
10	2-Mar-10	8	2	\$36.80	Yes	\$82.77	\$45.97
11	2-Mar-10	8	3	\$38.09	Yes	\$82.77	\$44.68
12	2-Mar-10	8	4	\$37.19	Yes	\$82.77	\$45.58
13	2-Mar-10	8	5	\$38.57	Yes	\$82.77	\$44.20
14	2-Mar-10	8	6	\$41.65	Yes	\$82.77	\$41.12
15	2-Mar-10	8	7	\$41.92	Yes	\$82.77	\$40.85
16	2-Mar-10	8	8	\$42.97	Yes	\$82.77	\$39.80
17	2-Mar-10	8	9	\$42.97	Yes	\$82.77	\$39.80
18	2-Mar-10	8	10	\$42.05	Yes	\$82.77	\$40.72
19	2-Mar-10	8	11	\$42.05	Yes	\$82.77	\$40.72
20	2-Mar-10	8	12	\$42.05	Yes	\$82.77	\$40.72
21	2-Mar-10	9	1	\$36.47	Yes	\$82.77	\$46.30
22	2-Mar-10	9	2	\$36.47	Yes	\$82.77	\$46.30
23	2-Mar-10	9	3	\$37.02	Yes	\$82.77	\$45.75
24	2-Mar-10	9	4	\$37.21	Yes	\$82.77	\$45.56
25	2-Mar-10	9	5	\$37.79	Yes	\$82.77	\$44.98
26	2-Mar-10	9	6	\$41.27	Yes	\$82.77	\$41.50
27	2-Mar-10	9	7	\$41.39	Yes	\$82.77	\$41.38
28	2-Mar-10	9	8	\$42.37	Yes	\$82.77	\$40.40
29	2-Mar-10	9	9	\$42.37	Yes	\$82.77	\$40.40
30	2-Mar-10	9	10	\$42.36	Yes	\$82.77	\$40.41
31	2-Mar-10	9	11	\$44.43	Yes	\$82.77	\$38.34
32	2-Mar-10	9	12	\$43.88	Yes	\$82.77	\$38.89
33	2-Mar-10	10	1	\$42.43	Yes	\$82.77	\$40.34
34	2-Mar-10	10	2	\$42.43	Yes	\$82.77	\$40.34
35	2-Mar-10	10	3	\$42.43	Yes	\$82.77	\$40.34
36	2-Mar-10	10	4	\$42.33	Yes	\$82.77	\$40.44
37	2-Mar-10	10	5	\$42.33	Yes	\$82.77	\$40.44
38	2-Mar-10	10	6	\$42.33	Yes	\$82.77	\$40.44
39	2-Mar-10	10	7	\$42.33	Yes	\$82.77	\$40.44
40	2-Mar-10	10	8	\$42.33	Yes	\$82.77	\$40.44
41	2-Mar-10	10	9	\$42.33	Yes	\$82.77	\$40.44
42	2-Mar-10	10	10	\$42.19	Yes	\$82.77	\$40.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	2-Mar-10	10	11	\$42.19	Yes	\$82.77	\$40.58
44	2-Mar-10	10	12	\$42.19	Yes	\$82.77	\$40.58
45	2-Mar-10	11	1	\$41.32	Yes	\$82.77	\$41.45
46	2-Mar-10	11	2	\$41.32	Yes	\$82.77	\$41.45
47	2-Mar-10	11	3	\$41.32	Yes	\$82.77	\$41.45
48	2-Mar-10	11	4	\$41.48	Yes	\$82.77	\$41.29
49	2-Mar-10	11	5	\$41.48	Yes	\$82.77	\$41.29
50	2-Mar-10	11	6	\$41.48	Yes	\$82.77	\$41.29
51	2-Mar-10	11	7	\$37.41	Yes	\$82.77	\$45.36
52	2-Mar-10	11	8	\$37.87	Yes	\$82.77	\$44.90
53	2-Mar-10	11	9	\$37.41	Yes	\$82.77	\$45.36
54	2-Mar-10	11	10	\$41.28	Yes	\$82.77	\$41.49
55	2-Mar-10	11	11	\$41.28	Yes	\$82.77	\$41.49
56	2-Mar-10	11	12	\$42.26	Yes	\$82.77	\$40.51
57	2-Mar-10	12	1	\$41.25	Yes	\$82.77	\$41.52
58	2-Mar-10	12	2	\$41.25	Yes	\$82.77	\$41.52
59	2-Mar-10	12	3	\$42.29	Yes	\$82.77	\$40.48
60	2-Mar-10	12	4	\$43.01	Yes	\$82.77	\$39.76
61	2-Mar-10	12	5	\$43.01	Yes	\$82.77	\$39.76
62	2-Mar-10	12	6	\$43.01	Yes	\$82.77	\$39.76
63	2-Mar-10	12	7	\$42.91	Yes	\$82.77	\$39.86
64	2-Mar-10	12	8	\$41.92	Yes	\$82.77	\$40.85
65	2-Mar-10	12	9	\$41.92	Yes	\$82.77	\$40.85
66	2-Mar-10	12	10	\$41.54	Yes	\$82.77	\$41.23
67	2-Mar-10	12	11	\$37.90	Yes	\$82.77	\$44.87
68	2-Mar-10	12	12	\$37.48	Yes	\$82.77	\$45.29
69	2-Mar-10	13	1	\$41.45	Yes	\$82.77	\$41.32
70	2-Mar-10	13	2	\$37.81	Yes	\$82.77	\$44.96
71	2-Mar-10	13	3	\$38.20	Yes	\$82.77	\$44.57
72	2-Mar-10	13	4	\$37.38	Yes	\$82.77	\$45.39
73	2-Mar-10	13	5	\$37.38	Yes	\$82.77	\$45.39
74	2-Mar-10	13	6	\$37.38	Yes	\$82.77	\$45.39
75	2-Mar-10	13	7	\$37.18	Yes	\$82.77	\$45.59
76	2-Mar-10	13	8	\$37.02	Yes	\$82.77	\$45.75
77	2-Mar-10	13	9	\$37.02	Yes	\$82.77	\$45.75
78	2-Mar-10	13	10	\$36.82	Yes	\$82.77	\$45.95
79	2-Mar-10	13	11	\$36.82	Yes	\$82.77	\$45.95
80	2-Mar-10	13	12	\$36.82	Yes	\$82.77	\$45.95
81	2-Mar-10	14	1	\$37.06	Yes	\$82.77	\$45.71
82	2-Mar-10	14	2	\$37.54	Yes	\$82.77	\$45.23
83	2-Mar-10	14	3	\$37.93	Yes	\$82.77	\$44.84
84	2-Mar-10	14	4	\$36.92	Yes	\$82.77	\$45.85
85	2-Mar-10	14	5	\$36.92	Yes	\$82.77	\$45.85
86	2-Mar-10	14	6	\$36.92	Yes	\$82.77	\$45.85
87	2-Mar-10	14	7	\$36.87	Yes	\$82.77	\$45.90

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	2-Mar-10	14	8	\$36.87	Yes	\$82.77	\$45.90
89	2-Mar-10	14	9	\$36.70	Yes	\$82.77	\$46.07
90	2-Mar-10	14	10	\$36.65	Yes	\$82.77	\$46.12
91	2-Mar-10	14	11	\$36.65	Yes	\$82.77	\$46.12
92	2-Mar-10	14	12	\$36.65	Yes	\$82.77	\$46.12
93	2-Mar-10	15	1	\$36.53	Yes	\$82.77	\$46.24
94	2-Mar-10	15	2	\$36.45	Yes	\$82.77	\$46.32
95	2-Mar-10	15	3	\$35.35	Yes	\$82.77	\$47.42
96	2-Mar-10	15	4	\$35.35	Yes	\$82.77	\$47.42
97	2-Mar-10	15	5	\$35.35	Yes	\$82.77	\$47.42
98	2-Mar-10	15	6	\$35.35	Yes	\$82.77	\$47.42
99	2-Mar-10	15	7	\$35.35	Yes	\$82.77	\$47.42
100	2-Mar-10	15	8	\$33.75	Yes	\$82.77	\$49.02
101	2-Mar-10	15	9	\$34.60	Yes	\$82.77	\$48.17
102	2-Mar-10	15	10	\$35.79	Yes	\$82.77	\$46.98
103	2-Mar-10	15	11	\$35.79	Yes	\$82.77	\$46.98
104	2-Mar-10	15	12	\$36.09	Yes	\$82.77	\$46.68
105	2-Mar-10	16	1	\$36.48	Yes	\$82.77	\$46.29
106	2-Mar-10	16	2	\$37.61	Yes	\$82.77	\$45.16
107	2-Mar-10	16	3	\$40.54	Yes	\$82.77	\$42.23
108	2-Mar-10	16	4	\$41.97	Yes	\$82.77	\$40.80
109	2-Mar-10	16	5	\$41.97	Yes	\$82.77	\$40.80
110	2-Mar-10	16	6	\$41.97	Yes	\$82.77	\$40.80
111	2-Mar-10	16	7	\$37.36	Yes	\$82.77	\$45.41
112	2-Mar-10	16	8	\$36.78	Yes	\$82.77	\$45.99
113	2-Mar-10	16	9	\$36.78	Yes	\$82.77	\$45.99
114	2-Mar-10	16	10	\$36.80	Yes	\$82.77	\$45.97
115	2-Mar-10	16	11	\$36.93	Yes	\$82.77	\$45.84
116	2-Mar-10	16	12	\$36.80	Yes	\$82.77	\$45.97
117	2-Mar-10	17	1	\$35.44	Yes	\$82.77	\$47.33
118	2-Mar-10	17	2	\$35.44	Yes	\$82.77	\$47.33
119	2-Mar-10	17	3	\$35.44	Yes	\$82.77	\$47.33
120	2-Mar-10	17	4	\$36.06	Yes	\$82.77	\$46.71
121	2-Mar-10	17	5	\$36.32	Yes	\$82.77	\$46.45
122	2-Mar-10	17	6	\$36.32	Yes	\$82.77	\$46.45
123	2-Mar-10	17	7	\$36.44	Yes	\$82.77	\$46.33
124	2-Mar-10	17	8	\$36.44	Yes	\$82.77	\$46.33
125	2-Mar-10	17	9	\$36.44	Yes	\$82.77	\$46.33
126	2-Mar-10	17	10	\$36.13	Yes	\$82.77	\$46.64
127	2-Mar-10	17	11	\$36.13	Yes	\$82.77	\$46.64
128	2-Mar-10	17	12	\$35.30	Yes	\$82.77	\$47.47
129	2-Mar-10	18	1	\$32.43	No	\$82.77	\$50.34
130	2-Mar-10	18	2	\$32.44	No	\$82.77	\$50.33
131	2-Mar-10	18	3	\$32.23	No	\$82.77	\$50.54
132	2-Mar-10	18	4	\$32.48	No	\$82.77	\$50.29

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	2-Mar-10	18	5	\$32.52	No	\$82.77	\$50.25
134	2-Mar-10	18	6	\$32.76	No	\$82.77	\$50.01
135	2-Mar-10	18	7	\$32.73	No	\$82.77	\$50.04
136	2-Mar-10	18	8	\$32.80	No	\$82.77	\$49.97
137	2-Mar-10	18	9	\$32.73	No	\$82.77	\$50.04
138	2-Mar-10	18	10	\$33.24	No	\$82.77	\$49.53
139	2-Mar-10	18	11	\$34.49	No	\$82.77	\$48.28
140	2-Mar-10	18	12	\$34.57	No	\$82.77	\$48.20
141	2-Mar-10	19	1	\$33.74	No	\$82.77	\$49.03
142	2-Mar-10	19	2	\$33.88	No	\$82.77	\$48.89
143	2-Mar-10	19	3	\$34.05	No	\$82.77	\$48.72
144	2-Mar-10	19	4	\$36.06	Yes	\$82.77	\$46.71
145	2-Mar-10	19	5	\$36.12	Yes	\$82.77	\$46.65
146	2-Mar-10	19	6	\$36.24	Yes	\$82.77	\$46.53
147	2-Mar-10	19	7	\$35.90	Yes	\$82.77	\$46.87
148	2-Mar-10	19	8	\$36.42	Yes	\$82.77	\$46.35
149	2-Mar-10	19	9	\$36.55	Yes	\$82.77	\$46.22
150	2-Mar-10	19	10	\$35.57	Yes	\$82.77	\$47.20
151	2-Mar-10	19	11	\$38.78	Yes	\$82.77	\$43.99
152	2-Mar-10	19	12	\$38.84	Yes	\$82.77	\$43.93
153	2-Mar-10	20	1	\$41.39	Yes	\$82.77	\$41.38
154	2-Mar-10	20	2	\$41.48	Yes	\$82.77	\$41.29
155	2-Mar-10	20	3	\$41.48	Yes	\$82.77	\$41.29
156	2-Mar-10	20	4	\$38.85	Yes	\$82.77	\$43.92
157	2-Mar-10	20	5	\$39.20	Yes	\$82.77	\$43.57
158	2-Mar-10	20	6	\$38.85	Yes	\$82.77	\$43.92
159	2-Mar-10	20	7	\$39.25	Yes	\$82.77	\$43.52
160	2-Mar-10	20	8	\$39.25	Yes	\$82.77	\$43.52
161	2-Mar-10	20	9	\$38.56	Yes	\$82.77	\$44.21
162	2-Mar-10	20	10	\$39.29	Yes	\$82.77	\$43.48
163	2-Mar-10	20	11	\$35.93	Yes	\$82.77	\$46.84
164	2-Mar-10	20	12	\$35.93	Yes	\$82.77	\$46.84
165	2-Mar-10	21	1	\$39.92	Yes	\$82.77	\$42.85
166	2-Mar-10	21	2	\$39.92	Yes	\$82.77	\$42.85
167	2-Mar-10	21	3	\$39.19	Yes	\$82.77	\$43.58
168	2-Mar-10	21	4	\$35.36	Yes	\$82.77	\$47.41
169	2-Mar-10	21	5	\$39.01	Yes	\$82.77	\$43.76
170	2-Mar-10	21	6	\$28.48	Yes	\$82.77	\$54.29
171	2-Mar-10	21	7	\$27.28	Yes	\$82.77	\$55.49
172	2-Mar-10	21	8	\$34.27	Yes	\$82.77	\$48.50
173	2-Mar-10	21	9	\$33.57	Yes	\$82.77	\$49.20
174	2-Mar-10	21	10	\$34.94	Yes	\$82.77	\$47.83
175	2-Mar-10	21	11	\$34.94	Yes	\$82.77	\$47.83
176	2-Mar-10	21	12	\$33.37	Yes	\$82.77	\$49.40
177	2-Mar-10	22	1	\$52.01	Yes	\$82.77	\$30.76

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	2-Mar-10	22	2	\$46.61	Yes	\$82.77	\$36.16
179	2-Mar-10	22	3	\$41.83	Yes	\$82.77	\$40.94
180	2-Mar-10	22	4	\$40.11	Yes	\$82.77	\$42.66
181	2-Mar-10	22	5	\$39.18	Yes	\$82.77	\$43.59
182	2-Mar-10	22	6	\$37.60	Yes	\$82.77	\$45.17
183	2-Mar-10	22	7	\$34.69	Yes	\$82.77	\$48.08
184	2-Mar-10	22	8	\$34.69	Yes	\$82.77	\$48.08
185	2-Mar-10	22	9	\$33.89	Yes	\$82.77	\$48.88
186	2-Mar-10	22	10	\$33.83	Yes	\$82.77	\$48.94
187	2-Mar-10	22	11	\$33.58	Yes	\$82.77	\$49.19
188	2-Mar-10	22	12	\$31.16	Yes	\$82.77	\$51.61
189	2-Mar-10	23	1	\$46.08	Yes	\$82.77	\$36.69
190	2-Mar-10	23	2	\$46.08	Yes	\$82.77	\$36.69
191	2-Mar-10	23	3	\$40.71	Yes	\$82.77	\$42.06
192	2-Mar-10	23	4	\$40.68	Yes	\$82.77	\$42.09
193	2-Mar-10	23	5	\$38.88	Yes	\$82.77	\$43.89
194	2-Mar-10	23	6	\$37.47	Yes	\$82.77	\$45.30
195	2-Mar-10	23	7	\$35.39	Yes	\$82.77	\$47.38
196	2-Mar-10	23	8	\$35.23	Yes	\$82.77	\$47.54
197	2-Mar-10	23	9	\$35.13	Yes	\$82.77	\$47.64
198	2-Mar-10	23	10	\$33.46	Yes	\$82.77	\$49.31
199	2-Mar-10	23	11	\$32.94	Yes	\$82.77	\$49.83
200	2-Mar-10	23	12	\$32.94	Yes	\$82.77	\$49.83
201	2-Mar-10	24	1	\$42.08	Yes	\$82.77	\$40.69
202	2-Mar-10	24	2	\$40.67	Yes	\$82.77	\$42.10
203	2-Mar-10	24	3	\$36.65	Yes	\$82.77	\$46.12
204	2-Mar-10	24	4	\$36.37	Yes	\$82.77	\$46.40
205	2-Mar-10	24	5	\$36.37	Yes	\$82.77	\$46.40
206	2-Mar-10	24	6	\$36.37	Yes	\$82.77	\$46.40
207	2-Mar-10	24	7	\$34.11	Yes	\$82.77	\$48.66
208	2-Mar-10	24	8	\$33.86	Yes	\$80.55	\$46.69
209	2-Mar-10	24	9	\$33.44	Yes	\$80.55	\$47.11
210	2-Mar-10	24	10	\$33.56	Yes	\$80.55	\$46.99
211	2-Mar-10	24	11	\$31.47	Yes	\$80.55	\$49.08
212	2-Mar-10	24	12	\$30.94	Yes	\$80.55	\$49.61
213	3-Mar-10	1	1	\$37.00	Yes	\$80.40	\$43.40
214	3-Mar-10	1	2	\$36.60	Yes	\$80.40	\$43.80
215	3-Mar-10	1	3	\$33.68	Yes	\$80.40	\$46.72
216	3-Mar-10	1	4	\$30.93	Yes	\$80.40	\$49.47
217	3-Mar-10	1	5	\$30.80	Yes	\$80.40	\$49.60
218	3-Mar-10	1	6	\$27.84	Yes	\$80.40	\$52.56
219	3-Mar-10	1	7	\$32.27	Yes	\$80.40	\$48.13
220	3-Mar-10	1	8	\$31.23	Yes	\$80.40	\$49.17
221	3-Mar-10	1	9	\$28.58	Yes	\$80.40	\$51.82
222	3-Mar-10	1	10	\$26.31	Yes	\$80.40	\$54.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	3-Mar-10	1	11	\$0.67	Yes	\$80.40	\$79.73
224	3-Mar-10	1	12	\$0.67	Yes	\$80.40	\$79.73
225	3-Mar-10	2	1	\$32.16	Yes	\$80.40	\$48.24
226	3-Mar-10	2	2	\$31.23	Yes	\$80.40	\$49.17
227	3-Mar-10	2	3	\$31.23	Yes	\$80.40	\$49.17
228	3-Mar-10	2	4	\$31.07	Yes	\$80.40	\$49.33
229	3-Mar-10	2	5	\$29.70	Yes	\$80.40	\$50.70
230	3-Mar-10	2	6	\$28.42	Yes	\$80.40	\$51.98
231	3-Mar-10	2	7	\$27.99	Yes	\$78.97	\$50.98
232	3-Mar-10	2	8	\$25.93	Yes	\$78.97	\$53.04
233	3-Mar-10	2	9	\$0.67	Yes	\$78.97	\$78.30
234	3-Mar-10	2	10	\$0.68	Yes	\$78.97	\$78.29
235	3-Mar-10	2	11	\$28.53	Yes	\$78.97	\$50.44
236	3-Mar-10	2	12	\$31.65	Yes	\$78.97	\$47.32
237	3-Mar-10	3	1	\$0.68	Yes	\$78.97	\$78.29
238	3-Mar-10	3	2	\$28.98	Yes	\$78.97	\$49.99
239	3-Mar-10	3	3	\$31.71	Yes	\$78.97	\$47.26
240	3-Mar-10	3	4	\$29.05	Yes	\$78.97	\$49.92
241	3-Mar-10	3	5	\$29.05	Yes	\$78.97	\$49.92
242	3-Mar-10	3	6	\$28.71	Yes	\$78.97	\$50.26
243	3-Mar-10	3	7	\$30.37	Yes	\$78.97	\$48.60
244	3-Mar-10	3	8	\$30.87	Yes	\$78.97	\$48.10
245	3-Mar-10	3	9	\$29.08	Yes	\$78.97	\$49.89
246	3-Mar-10	3	10	\$31.88	Yes	\$78.97	\$47.09
247	3-Mar-10	3	11	\$30.86	Yes	\$78.97	\$48.11
248	3-Mar-10	3	12	\$30.86	Yes	\$78.97	\$48.11
249	3-Mar-10	4	1	\$30.73	Yes	\$78.97	\$48.24
250	3-Mar-10	4	2	\$29.06	Yes	\$78.97	\$49.91
251	3-Mar-10	4	3	\$30.38	Yes	\$78.97	\$48.59
252	3-Mar-10	4	4	\$30.40	Yes	\$78.97	\$48.57
253	3-Mar-10	4	5	\$30.84	Yes	\$78.97	\$48.13
254	3-Mar-10	4	6	\$30.40	Yes	\$78.97	\$48.57
255	3-Mar-10	4	7	\$29.63	Yes	\$78.97	\$49.34
256	3-Mar-10	4	8	\$31.49	Yes	\$78.97	\$47.48
257	3-Mar-10	4	9	\$30.98	Yes	\$78.97	\$47.99
258	3-Mar-10	4	10	\$32.69	Yes	\$78.97	\$46.28
259	3-Mar-10	4	11	\$32.69	Yes	\$78.97	\$46.28
260	3-Mar-10	4	12	\$31.02	Yes	\$78.97	\$47.95
261	3-Mar-10	5	1	\$29.10	Yes	\$78.97	\$49.87
262	3-Mar-10	5	2	\$27.23	Yes	\$78.97	\$51.74
263	3-Mar-10	5	3	\$29.53	Yes	\$78.97	\$49.44
264	3-Mar-10	5	4	\$27.22	Yes	\$78.97	\$51.75
265	3-Mar-10	5	5	\$29.11	Yes	\$78.97	\$49.86
266	3-Mar-10	5	6	\$31.07	Yes	\$78.97	\$47.90
267	3-Mar-10	5	7	\$32.58	Yes	\$78.97	\$46.39

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	3-Mar-10	5	8	\$33.13	Yes	\$78.97	\$45.84
269	3-Mar-10	5	9	\$33.60	Yes	\$78.97	\$45.37
270	3-Mar-10	5	10	\$32.68	Yes	\$78.97	\$46.29
271	3-Mar-10	5	11	\$33.93	Yes	\$78.97	\$45.04
272	3-Mar-10	5	12	\$35.27	Yes	\$78.97	\$43.70
273	3-Mar-10	6	1	\$31.99	No	\$78.97	\$46.98
274	3-Mar-10	6	2	\$32.11	No	\$78.97	\$46.86
275	3-Mar-10	6	3	\$34.47	No	\$78.97	\$44.50
276	3-Mar-10	6	4	\$35.23	No	\$78.97	\$43.74
277	3-Mar-10	6	5	\$35.97	Yes	\$80.40	\$44.43
278	3-Mar-10	6	6	\$38.13	Yes	\$80.40	\$42.27
279	3-Mar-10	6	7	\$42.71	Yes	\$80.40	\$37.69
280	3-Mar-10	6	8	\$42.71	Yes	\$80.40	\$37.69
281	3-Mar-10	6	9	\$45.78	Yes	\$80.40	\$34.62
282	3-Mar-10	6	10	\$54.28	Yes	\$80.40	\$26.12
283	3-Mar-10	6	11	\$54.28	Yes	\$80.40	\$26.12
284	3-Mar-10	6	12	\$46.38	Yes	\$80.40	\$34.02
285	3-Mar-10	7	1	\$27.08	Yes	\$80.40	\$53.32
286	3-Mar-10	7	2	\$29.09	Yes	\$80.40	\$51.31
287	3-Mar-10	7	3	\$31.65	Yes	\$80.40	\$48.75
288	3-Mar-10	7	4	\$33.77	Yes	\$80.40	\$46.63
289	3-Mar-10	7	5	\$34.94	Yes	\$80.40	\$45.46
290	3-Mar-10	7	6	\$35.55	Yes	\$82.62	\$47.07
291	3-Mar-10	7	7	\$36.79	Yes	\$82.62	\$45.84
292	3-Mar-10	7	8	\$36.87	Yes	\$82.62	\$45.75
293	3-Mar-10	7	9	\$37.05	Yes	\$82.62	\$45.57
294	3-Mar-10	7	10	\$37.19	Yes	\$82.62	\$45.43
295	3-Mar-10	7	11	\$37.81	Yes	\$82.62	\$44.81
296	3-Mar-10	7	12	\$37.81	Yes	\$82.62	\$44.81
297	3-Mar-10	8	1	\$34.95	Yes	\$82.62	\$47.67
298	3-Mar-10	8	2	\$36.21	Yes	\$82.62	\$46.41
299	3-Mar-10	8	3	\$36.74	Yes	\$82.62	\$45.88
300	3-Mar-10	8	4	\$36.78	Yes	\$82.62	\$45.84
301	3-Mar-10	8	5	\$37.18	Yes	\$82.62	\$45.44
302	3-Mar-10	8	6	\$37.27	Yes	\$82.62	\$45.35
303	3-Mar-10	8	7	\$37.41	Yes	\$82.62	\$45.21
304	3-Mar-10	8	8	\$37.41	Yes	\$82.62	\$45.21
305	3-Mar-10	8	9	\$37.41	Yes	\$82.62	\$45.21
306	3-Mar-10	8	10	\$37.30	Yes	\$82.62	\$45.32
307	3-Mar-10	8	11	\$37.30	Yes	\$82.62	\$45.32
308	3-Mar-10	8	12	\$37.30	Yes	\$82.62	\$45.32
309	3-Mar-10	9	1	\$39.61	Yes	\$82.62	\$43.01
310	3-Mar-10	9	2	\$39.76	Yes	\$82.62	\$42.86
311	3-Mar-10	9	3	\$40.39	Yes	\$82.62	\$42.23
312	3-Mar-10	9	4	\$41.41	Yes	\$82.62	\$41.21



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	3-Mar-10	9	5	\$43.00	Yes	\$82.62	\$39.62
314	3-Mar-10	9	6	\$45.08	Yes	\$82.62	\$37.54
315	3-Mar-10	9	7	\$45.49	Yes	\$82.62	\$37.13
316	3-Mar-10	9	8	\$45.49	Yes	\$82.62	\$37.13
317	3-Mar-10	9	9	\$45.49	Yes	\$82.62	\$37.13
318	3-Mar-10	9	10	\$40.18	Yes	\$82.62	\$42.44
319	3-Mar-10	9	11	\$40.18	Yes	\$82.62	\$42.44
320	3-Mar-10	9	12	\$40.18	Yes	\$82.62	\$42.44
321	3-Mar-10	10	1	\$37.20	Yes	\$82.62	\$45.42
322	3-Mar-10	10	2	\$37.24	Yes	\$82.62	\$45.38
323	3-Mar-10	10	3	\$37.24	Yes	\$82.62	\$45.38
324	3-Mar-10	10	4	\$37.40	Yes	\$82.62	\$45.22
325	3-Mar-10	10	5	\$37.40	Yes	\$82.62	\$45.22
326	3-Mar-10	10	6	\$38.33	Yes	\$82.62	\$44.29
327	3-Mar-10	10	7	\$40.07	Yes	\$82.62	\$42.55
328	3-Mar-10	10	8	\$40.07	Yes	\$82.62	\$42.55
329	3-Mar-10	10	9	\$40.07	Yes	\$82.62	\$42.55
330	3-Mar-10	10	10	\$39.44	Yes	\$82.62	\$43.18
331	3-Mar-10	10	11	\$37.29	Yes	\$82.62	\$45.33
332	3-Mar-10	10	12	\$36.74	Yes	\$82.62	\$45.88
333	3-Mar-10	11	1	\$36.66	Yes	\$82.62	\$45.96
334	3-Mar-10	11	2	\$36.66	Yes	\$82.62	\$45.96
335	3-Mar-10	11	3	\$36.68	Yes	\$82.62	\$45.94
336	3-Mar-10	11	4	\$36.59	Yes	\$82.62	\$46.03
337	3-Mar-10	11	5	\$37.20	Yes	\$82.62	\$45.42
338	3-Mar-10	11	6	\$37.54	Yes	\$82.62	\$45.08
339	3-Mar-10	11	7	\$37.51	Yes	\$82.62	\$45.11
340	3-Mar-10	11	8	\$37.16	Yes	\$82.62	\$45.46
341	3-Mar-10	11	9	\$36.14	Yes	\$82.62	\$46.48
342	3-Mar-10	11	10	\$37.30	Yes	\$82.62	\$45.32
343	3-Mar-10	11	11	\$37.30	Yes	\$82.62	\$45.32
344	3-Mar-10	11	12	\$37.30	Yes	\$82.62	\$45.32
345	3-Mar-10	12	1	\$37.07	Yes	\$82.62	\$45.55
346	3-Mar-10	12	2	\$37.07	Yes	\$82.62	\$45.55
347	3-Mar-10	12	3	\$37.07	Yes	\$82.62	\$45.55
348	3-Mar-10	12	4	\$37.02	Yes	\$82.62	\$45.60
349	3-Mar-10	12	5	\$37.02	Yes	\$82.62	\$45.60
350	3-Mar-10	12	6	\$36.60	Yes	\$82.62	\$46.02
351	3-Mar-10	12	7	\$36.89	Yes	\$82.62	\$45.73
352	3-Mar-10	12	8	\$36.89	Yes	\$82.62	\$45.73
353	3-Mar-10	12	9	\$37.52	Yes	\$82.62	\$45.10
354	3-Mar-10	12	10	\$36.36	Yes	\$82.62	\$46.26
355	3-Mar-10	12	11	\$36.36	Yes	\$82.62	\$46.26
356	3-Mar-10	12	12	\$35.99	Yes	\$82.62	\$46.63
357	3-Mar-10	13	1	\$38.96	Yes	\$82.62	\$43.66

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	3-Mar-10	13	2	\$38.96	Yes	\$82.62	\$43.66
359	3-Mar-10	13	3	\$37.24	Yes	\$82.62	\$45.38
360	3-Mar-10	13	4	\$36.73	Yes	\$82.62	\$45.89
361	3-Mar-10	13	5	\$36.36	Yes	\$82.62	\$46.26
362	3-Mar-10	13	6	\$36.36	Yes	\$82.62	\$46.26
363	3-Mar-10	13	7	\$36.18	Yes	\$82.62	\$46.44
364	3-Mar-10	13	8	\$36.18	Yes	\$82.62	\$46.44
365	3-Mar-10	13	9	\$36.18	Yes	\$82.62	\$46.44
366	3-Mar-10	13	10	\$35.48	Yes	\$82.62	\$47.14
367	3-Mar-10	13	11	\$35.48	Yes	\$82.62	\$47.14
368	3-Mar-10	13	12	\$35.48	Yes	\$82.62	\$47.14
369	3-Mar-10	14	1	\$35.41	Yes	\$82.62	\$47.21
370	3-Mar-10	14	2	\$35.41	Yes	\$82.62	\$47.21
371	3-Mar-10	14	3	\$35.41	Yes	\$82.62	\$47.21
372	3-Mar-10	14	4	\$35.46	Yes	\$82.62	\$47.16
373	3-Mar-10	14	5	\$35.46	Yes	\$82.62	\$47.16
374	3-Mar-10	14	6	\$35.21	Yes	\$82.62	\$47.41
375	3-Mar-10	14	7	\$35.22	Yes	\$82.62	\$47.40
376	3-Mar-10	14	8	\$35.22	Yes	\$82.62	\$47.40
377	3-Mar-10	14	9	\$34.87	Yes	\$82.62	\$47.75
378	3-Mar-10	14	10	\$35.55	Yes	\$82.62	\$47.07
379	3-Mar-10	14	11	\$35.92	Yes	\$82.62	\$46.70
380	3-Mar-10	14	12	\$36.15	Yes	\$82.62	\$46.47
381	3-Mar-10	15	1	\$36.66	Yes	\$82.62	\$45.96
382	3-Mar-10	15	2	\$37.72	Yes	\$82.62	\$44.90
383	3-Mar-10	15	3	\$37.21	Yes	\$82.62	\$45.41
384	3-Mar-10	15	4	\$37.25	Yes	\$82.62	\$45.37
385	3-Mar-10	15	5	\$37.76	Yes	\$82.62	\$44.86
386	3-Mar-10	15	6	\$36.71	Yes	\$82.62	\$45.91
387	3-Mar-10	15	7	\$36.64	Yes	\$82.62	\$45.98
388	3-Mar-10	15	8	\$36.64	Yes	\$82.62	\$45.98
389	3-Mar-10	15	9	\$37.19	Yes	\$82.62	\$45.43
390	3-Mar-10	15	10	\$37.04	Yes	\$82.62	\$45.58
391	3-Mar-10	15	11	\$37.04	Yes	\$82.62	\$45.58
392	3-Mar-10	15	12	\$39.38	Yes	\$82.62	\$43.24
393	3-Mar-10	16	1	\$40.40	Yes	\$82.62	\$42.22
394	3-Mar-10	16	2	\$39.58	Yes	\$82.62	\$43.04
395	3-Mar-10	16	3	\$36.49	Yes	\$82.62	\$46.13
396	3-Mar-10	16	4	\$34.05	Yes	\$82.62	\$48.57
397	3-Mar-10	16	5	\$34.95	Yes	\$82.62	\$47.67
398	3-Mar-10	16	6	\$34.83	Yes	\$82.62	\$47.79
399	3-Mar-10	16	7	\$36.27	Yes	\$82.62	\$46.35
400	3-Mar-10	16	8	\$36.41	Yes	\$82.62	\$46.21
401	3-Mar-10	16	9	\$36.47	Yes	\$82.62	\$46.15
402	3-Mar-10	16	10	\$36.08	Yes	\$82.62	\$46.54

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	3-Mar-10	16	11	\$36.68	Yes	\$82.62	\$45.94
404	3-Mar-10	16	12	\$36.65	Yes	\$82.62	\$45.97
405	3-Mar-10	17	1	\$34.48	Yes	\$82.62	\$48.14
406	3-Mar-10	17	2	\$35.23	Yes	\$82.62	\$47.39
407	3-Mar-10	17	3	\$35.81	Yes	\$82.62	\$46.81
408	3-Mar-10	17	4	\$35.40	Yes	\$82.62	\$47.22
409	3-Mar-10	17	5	\$35.83	Yes	\$82.62	\$46.79
410	3-Mar-10	17	6	\$35.83	Yes	\$82.62	\$46.79
411	3-Mar-10	17	7	\$35.70	Yes	\$82.62	\$46.92
412	3-Mar-10	17	8	\$36.09	Yes	\$82.62	\$46.53
413	3-Mar-10	17	9	\$37.09	Yes	\$82.62	\$45.53
414	3-Mar-10	17	10	\$39.55	Yes	\$82.62	\$43.07
415	3-Mar-10	17	11	\$40.80	Yes	\$82.62	\$41.82
416	3-Mar-10	17	12	\$40.80	Yes	\$82.62	\$41.82
417	3-Mar-10	18	1	\$32.47	No	\$82.62	\$50.15
418	3-Mar-10	18	2	\$32.48	No	\$82.62	\$50.14
419	3-Mar-10	18	3	\$32.76	No	\$82.62	\$49.86
420	3-Mar-10	18	4	\$34.02	No	\$82.62	\$48.60
421	3-Mar-10	18	5	\$34.02	No	\$82.62	\$48.60
422	3-Mar-10	18	6	\$34.02	No	\$82.62	\$48.60
423	3-Mar-10	18	7	\$34.75	No	\$82.62	\$47.87
424	3-Mar-10	18	8	\$35.15	No	\$82.62	\$47.47
425	3-Mar-10	18	9	\$36.13	No	\$82.62	\$46.49
426	3-Mar-10	18	10	\$38.70	No	\$82.62	\$43.92
427	3-Mar-10	18	11	\$40.67	No	\$82.62	\$41.95
428	3-Mar-10	18	12	\$43.59	No	\$82.62	\$39.03
429	3-Mar-10	19	1	\$41.20	No	\$82.62	\$41.42
430	3-Mar-10	19	2	\$37.57	No	\$82.62	\$45.05
431	3-Mar-10	19	3	\$37.57	No	\$82.62	\$45.05
432	3-Mar-10	19	4	\$37.66	No	\$82.62	\$44.96
433	3-Mar-10	19	5	\$41.31	No	\$82.62	\$41.31
434	3-Mar-10	19	6	\$42.73	No	\$82.62	\$39.89
435	3-Mar-10	19	7	\$43.28	No	\$82.62	\$39.34
436	3-Mar-10	19	8	\$47.44	No	\$82.62	\$35.18
437	3-Mar-10	19	9	\$47.03	No	\$82.62	\$35.59
438	3-Mar-10	19	10	\$47.15	No	\$82.62	\$35.47
439	3-Mar-10	19	11	\$44.30	No	\$82.62	\$38.32
440	3-Mar-10	19	12	\$52.24	No	\$82.62	\$30.38
441	3-Mar-10	20	1	\$54.33	No	\$82.62	\$28.29
442	3-Mar-10	20	2	\$52.01	No	\$82.62	\$30.61
443	3-Mar-10	20	3	\$47.71	No	\$82.62	\$34.91
444	3-Mar-10	20	4	\$46.75	No	\$82.62	\$35.87
445	3-Mar-10	20	5	\$46.75	No	\$82.62	\$35.87
446	3-Mar-10	20	6	\$48.73	No	\$82.62	\$33.89
447	3-Mar-10	22	6	\$39.15	Yes	\$82.62	\$43.47

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	3-Mar-10	22	7	\$37.76	Yes	\$82.62	\$44.86
449	3-Mar-10	22	8	\$35.43	Yes	\$82.62	\$47.19
450	3-Mar-10	22	9	\$35.09	Yes	\$82.62	\$47.53
451	3-Mar-10	22	10	\$33.69	Yes	\$82.62	\$48.93
452	3-Mar-10	22	11	\$33.47	Yes	\$82.62	\$49.15
453	3-Mar-10	22	12	\$35.02	Yes	\$82.62	\$47.60
454	3-Mar-10	23	1	\$60.55	Yes	\$82.62	\$22.07
455	3-Mar-10	23	2	\$62.83	Yes	\$82.62	\$19.79
456	3-Mar-10	23	3	\$52.51	Yes	\$82.62	\$30.11
457	3-Mar-10	23	4	\$42.21	Yes	\$82.62	\$40.41
458	3-Mar-10	23	5	\$42.33	Yes	\$82.62	\$40.29
459	3-Mar-10	23	6	\$39.39	Yes	\$82.62	\$43.23
460	3-Mar-10	23	7	\$41.83	Yes	\$82.62	\$40.79
461	3-Mar-10	23	8	\$38.45	Yes	\$82.62	\$44.17
462	3-Mar-10	23	9	\$32.09	Yes	\$82.62	\$50.53
463	3-Mar-10	23	10	\$33.99	Yes	\$82.62	\$48.63
464	3-Mar-10	23	11	\$33.99	Yes	\$82.62	\$48.63
465	3-Mar-10	23	12	\$33.35	Yes	\$82.62	\$49.27
466	3-Mar-10	24	1	\$39.54	Yes	\$82.62	\$43.08
467	3-Mar-10	24	2	\$39.54	Yes	\$82.62	\$43.08
468	3-Mar-10	24	3	\$32.58	Yes	\$82.62	\$50.04
469	3-Mar-10	24	4	\$33.87	Yes	\$82.62	\$48.75
470	3-Mar-10	24	5	\$34.53	Yes	\$82.62	\$48.09
471	3-Mar-10	24	6	\$33.87	Yes	\$82.62	\$48.75
472	4-Mar-10	1	3	\$33.51	Yes	\$80.29	\$46.78
473	4-Mar-10	1	4	\$35.99	Yes	\$80.29	\$44.30
474	4-Mar-10	1	5	\$37.36	Yes	\$80.29	\$42.93
475	4-Mar-10	1	6	\$37.36	Yes	\$80.29	\$42.93
476	4-Mar-10	1	7	\$31.83	Yes	\$80.29	\$48.46
477	4-Mar-10	1	8	\$32.17	Yes	\$80.29	\$48.12
478	4-Mar-10	1	9	\$31.85	Yes	\$80.29	\$48.44
479	4-Mar-10	1	10	\$31.66	Yes	\$80.29	\$48.63
480	4-Mar-10	1	11	\$31.66	Yes	\$80.29	\$48.63
481	4-Mar-10	1	12	\$31.66	Yes	\$80.29	\$48.63
482	4-Mar-10	2	1	\$32.02	Yes	\$80.29	\$48.27
483	4-Mar-10	2	2	\$32.03	Yes	\$80.29	\$48.26
484	4-Mar-10	2	3	\$31.61	Yes	\$80.29	\$48.68
485	4-Mar-10	2	4	\$31.43	Yes	\$80.29	\$48.86
486	4-Mar-10	2	5	\$30.46	Yes	\$80.29	\$49.83
487	4-Mar-10	2	6	\$30.46	Yes	\$80.29	\$49.83
488	4-Mar-10	2	7	\$28.31	Yes	\$78.86	\$50.55
489	4-Mar-10	2	8	\$28.31	Yes	\$78.86	\$50.55
490	4-Mar-10	2	9	\$28.28	Yes	\$78.86	\$50.58
491	4-Mar-10	2	10	\$28.44	Yes	\$78.86	\$50.42
492	4-Mar-10	2	11	\$29.04	Yes	\$78.86	\$49.82

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	4-Mar-10	2	12	\$28.44	Yes	\$78.86	\$50.42
494	4-Mar-10	3	1	\$29.00	Yes	\$78.86	\$49.86
495	4-Mar-10	3	2	\$29.07	Yes	\$78.86	\$49.79
496	4-Mar-10	3	3	\$29.07	Yes	\$78.86	\$49.79
497	4-Mar-10	3	4	\$29.14	Yes	\$78.86	\$49.72
498	4-Mar-10	3	5	\$29.14	Yes	\$78.86	\$49.72
499	4-Mar-10	3	6	\$28.50	Yes	\$78.86	\$50.36
500	4-Mar-10	3	7	\$28.50	Yes	\$78.86	\$50.36
501	4-Mar-10	3	8	\$32.29	Yes	\$78.86	\$46.57
502	4-Mar-10	3	9	\$29.14	Yes	\$78.86	\$49.72
503	4-Mar-10	3	10	\$29.09	Yes	\$78.86	\$49.77
504	4-Mar-10	3	11	\$29.09	Yes	\$78.86	\$49.77
505	4-Mar-10	3	12	\$28.51	Yes	\$78.86	\$50.35
506	4-Mar-10	4	1	\$29.18	Yes	\$78.86	\$49.68
507	4-Mar-10	4	2	\$28.87	Yes	\$78.86	\$49.99
508	4-Mar-10	4	3	\$28.52	Yes	\$78.86	\$50.34
509	4-Mar-10	4	4	\$28.40	Yes	\$78.86	\$50.46
510	4-Mar-10	4	5	\$28.40	Yes	\$78.86	\$50.46
511	4-Mar-10	4	6	\$28.40	Yes	\$78.86	\$50.46
512	4-Mar-10	4	7	\$29.40	Yes	\$78.86	\$49.46
513	4-Mar-10	4	8	\$29.40	Yes	\$78.86	\$49.46
514	4-Mar-10	4	9	\$29.40	Yes	\$78.86	\$49.46
515	4-Mar-10	4	10	\$28.06	Yes	\$78.86	\$50.80
516	4-Mar-10	4	11	\$29.55	Yes	\$78.86	\$49.31
517	4-Mar-10	4	12	\$29.55	Yes	\$78.86	\$49.31
518	4-Mar-10	5	1	\$29.49	Yes	\$78.86	\$49.37
519	4-Mar-10	5	2	\$29.49	Yes	\$78.86	\$49.37
520	4-Mar-10	5	3	\$29.78	Yes	\$78.86	\$49.08
521	4-Mar-10	5	4	\$30.21	Yes	\$78.86	\$48.65
522	4-Mar-10	5	5	\$32.45	Yes	\$78.86	\$46.41
523	4-Mar-10	5	6	\$35.85	Yes	\$78.86	\$43.01
524	4-Mar-10	5	7	\$36.20	Yes	\$78.86	\$42.66
525	4-Mar-10	5	8	\$36.74	Yes	\$78.86	\$42.12
526	4-Mar-10	5	9	\$36.56	Yes	\$78.86	\$42.30
527	4-Mar-10	5	10	\$37.54	Yes	\$78.86	\$41.32
528	4-Mar-10	5	11	\$38.92	Yes	\$78.86	\$39.94
529	4-Mar-10	6	11	\$47.52	Yes	\$82.50	\$34.98
530	4-Mar-10	6	11	\$47.52	Yes	\$82.50	\$34.98
531	4-Mar-10	6	12	\$47.52	Yes	\$82.50	\$34.98
532	4-Mar-10	7	1	\$33.35	Yes	\$82.50	\$49.15
533	4-Mar-10	7	2	\$34.47	Yes	\$82.50	\$48.03
534	4-Mar-10	7	3	\$37.64	Yes	\$82.50	\$44.86
535	4-Mar-10	7	4	\$34.46	Yes	\$82.50	\$48.04
536	4-Mar-10	7	5	\$35.24	Yes	\$82.50	\$47.26
537	4-Mar-10	7	6	\$36.37	Yes	\$82.50	\$46.13

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	4-Mar-10	7	7	\$39.49	Yes	\$82.50	\$43.01
539	4-Mar-10	7	8	\$40.17	Yes	\$82.50	\$42.33
540	4-Mar-10	7	9	\$44.01	Yes	\$82.50	\$38.49
541	4-Mar-10	7	10	\$44.29	Yes	\$82.50	\$38.21
542	4-Mar-10	7	11	\$44.29	Yes	\$82.50	\$38.21
543	4-Mar-10	7	11	\$44.29	Yes	\$82.50	\$38.21
544	4-Mar-10	7	11	\$44.29	Yes	\$82.50	\$38.21
545	4-Mar-10	7	12	\$44.58	Yes	\$82.50	\$37.92
546	4-Mar-10	8	1	\$39.97	Yes	\$82.50	\$42.53
547	4-Mar-10	8	2	\$40.47	Yes	\$82.50	\$42.03
548	4-Mar-10	8	3	\$40.47	Yes	\$82.50	\$42.03
549	4-Mar-10	8	4	\$42.06	Yes	\$82.50	\$40.44
550	4-Mar-10	8	5	\$42.06	Yes	\$82.50	\$40.44
551	4-Mar-10	8	6	\$42.06	Yes	\$82.50	\$40.44
552	4-Mar-10	8	7	\$42.14	Yes	\$82.50	\$40.36
553	4-Mar-10	8	8	\$42.14	Yes	\$82.50	\$40.36
554	4-Mar-10	8	9	\$42.14	Yes	\$82.50	\$40.36
555	4-Mar-10	8	10	\$40.29	Yes	\$82.50	\$42.21
556	4-Mar-10	8	11	\$40.29	Yes	\$82.50	\$42.21
557	4-Mar-10	8	12	\$40.29	Yes	\$82.50	\$42.21
558	4-Mar-10	9	1	\$37.97	Yes	\$82.50	\$44.53
559	4-Mar-10	9	2	\$36.58	Yes	\$82.50	\$45.92
560	4-Mar-10	9	3	\$36.58	Yes	\$82.50	\$45.92
561	4-Mar-10	9	4	\$36.73	Yes	\$82.50	\$45.77
562	4-Mar-10	9	5	\$39.45	Yes	\$82.50	\$43.05
563	4-Mar-10	9	6	\$39.45	Yes	\$82.50	\$43.05
564	4-Mar-10	9	7	\$39.55	Yes	\$82.50	\$42.95
565	4-Mar-10	9	8	\$40.36	Yes	\$82.50	\$42.14
566	4-Mar-10	9	9	\$40.36	Yes	\$82.50	\$42.14
567	4-Mar-10	9	10	\$40.42	Yes	\$82.50	\$42.08
568	4-Mar-10	9	11	\$39.70	Yes	\$82.50	\$42.80
569	4-Mar-10	9	12	\$36.20	Yes	\$82.50	\$46.30
570	4-Mar-10	10	1	\$35.46	Yes	\$82.50	\$47.04
571	4-Mar-10	10	2	\$33.33	Yes	\$82.50	\$49.17
572	4-Mar-10	10	3	\$33.76	Yes	\$82.50	\$48.74
573	4-Mar-10	10	4	\$34.59	Yes	\$82.50	\$47.91
574	4-Mar-10	10	5	\$34.88	Yes	\$82.50	\$47.62
575	4-Mar-10	10	6	\$35.19	Yes	\$82.50	\$47.31
576	4-Mar-10	10	7	\$34.68	Yes	\$82.50	\$47.82
577	4-Mar-10	10	8	\$34.67	Yes	\$82.50	\$47.83
578	4-Mar-10	10	9	\$34.68	Yes	\$82.50	\$47.82
579	4-Mar-10	10	10	\$33.95	Yes	\$82.50	\$48.55
580	4-Mar-10	10	11	\$34.65	Yes	\$82.50	\$47.85
581	4-Mar-10	10	12	\$34.65	Yes	\$82.50	\$47.85
582	4-Mar-10	11	1	\$35.86	Yes	\$82.50	\$46.64

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	4-Mar-10	11	2	\$35.86	Yes	\$82.50	\$46.64
584	4-Mar-10	11	3	\$37.25	Yes	\$82.50	\$45.25
585	4-Mar-10	11	4	\$36.04	Yes	\$82.50	\$46.46
586	4-Mar-10	11	5	\$35.54	Yes	\$82.50	\$46.96
587	4-Mar-10	11	6	\$34.10	Yes	\$82.50	\$48.40
588	4-Mar-10	11	7	\$34.08	Yes	\$82.50	\$48.42
589	4-Mar-10	11	8	\$35.42	Yes	\$82.50	\$47.08
590	4-Mar-10	11	9	\$35.42	Yes	\$82.50	\$47.08
591	4-Mar-10	11	10	\$35.35	Yes	\$82.50	\$47.15
592	4-Mar-10	11	11	\$35.35	Yes	\$82.50	\$47.15
593	4-Mar-10	11	12	\$35.53	Yes	\$82.50	\$46.97
594	4-Mar-10	12	1	\$34.55	Yes	\$82.50	\$47.95
595	4-Mar-10	12	2	\$34.29	Yes	\$82.50	\$48.21
596	4-Mar-10	12	3	\$34.29	Yes	\$82.50	\$48.21
597	4-Mar-10	12	4	\$34.14	Yes	\$82.50	\$48.36
598	4-Mar-10	12	5	\$35.38	Yes	\$82.50	\$47.12
599	4-Mar-10	12	6	\$35.38	Yes	\$82.50	\$47.12
600	4-Mar-10	12	7	\$35.16	Yes	\$82.50	\$47.34
601	4-Mar-10	12	8	\$35.16	Yes	\$82.50	\$47.34
602	4-Mar-10	12	9	\$35.16	Yes	\$82.50	\$47.34
603	4-Mar-10	12	10	\$33.97	Yes	\$82.50	\$48.53
604	4-Mar-10	12	11	\$33.97	Yes	\$82.50	\$48.53
605	4-Mar-10	12	12	\$33.97	Yes	\$82.50	\$48.53
606	4-Mar-10	13	1	\$37.80	Yes	\$82.50	\$44.70
607	4-Mar-10	13	2	\$37.80	Yes	\$82.50	\$44.70
608	4-Mar-10	13	3	\$37.80	Yes	\$82.50	\$44.70
609	4-Mar-10	13	4	\$39.05	Yes	\$82.50	\$43.45
610	4-Mar-10	13	5	\$39.05	Yes	\$82.50	\$43.45
611	4-Mar-10	13	6	\$39.05	Yes	\$82.50	\$43.45
612	4-Mar-10	13	7	\$35.88	Yes	\$82.50	\$46.62
613	4-Mar-10	13	8	\$35.88	Yes	\$82.50	\$46.62
614	4-Mar-10	13	9	\$35.06	Yes	\$82.50	\$47.44
615	4-Mar-10	13	10	\$35.99	Yes	\$82.50	\$46.51
616	4-Mar-10	13	11	\$39.09	Yes	\$82.50	\$43.41
617	4-Mar-10	13	12	\$39.09	Yes	\$82.50	\$43.41
618	4-Mar-10	14	1	\$39.23	Yes	\$82.50	\$43.27
619	4-Mar-10	14	2	\$41.82	Yes	\$82.50	\$40.68
620	4-Mar-10	14	3	\$39.07	Yes	\$82.50	\$43.43
621	4-Mar-10	14	4	\$38.24	Yes	\$82.50	\$44.26
622	4-Mar-10	14	5	\$38.24	Yes	\$82.50	\$44.26
623	4-Mar-10	14	6	\$38.24	Yes	\$82.50	\$44.26
624	4-Mar-10	14	7	\$38.25	Yes	\$82.50	\$44.25
625	4-Mar-10	14	8	\$38.25	Yes	\$82.50	\$44.25
626	4-Mar-10	14	9	\$38.25	Yes	\$82.50	\$44.25
627	4-Mar-10	14	10	\$38.03	Yes	\$82.50	\$44.47

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	4-Mar-10	14	11	\$38.03	Yes	\$82.50	\$44.47
629	4-Mar-10	14	12	\$38.03	Yes	\$82.50	\$44.47
630	4-Mar-10	15	1	\$38.40	Yes	\$82.50	\$44.10
631	4-Mar-10	15	2	\$38.14	Yes	\$82.50	\$44.36
632	4-Mar-10	15	3	\$38.14	Yes	\$82.50	\$44.36
633	4-Mar-10	15	4	\$30.44	Yes	\$82.50	\$52.06
634	4-Mar-10	15	5	\$30.44	Yes	\$82.50	\$52.06
635	4-Mar-10	15	6	\$31.10	Yes	\$82.50	\$51.40
636	4-Mar-10	15	7	\$32.70	Yes	\$82.50	\$49.80
637	4-Mar-10	15	8	\$32.70	Yes	\$82.50	\$49.80
638	4-Mar-10	15	9	\$32.70	Yes	\$82.50	\$49.80
639	4-Mar-10	15	10	\$31.89	Yes	\$82.50	\$50.61
640	4-Mar-10	15	11	\$31.71	Yes	\$82.50	\$50.79
641	4-Mar-10	15	12	\$31.71	Yes	\$82.50	\$50.79
642	4-Mar-10	16	1	\$32.65	Yes	\$82.50	\$49.85
643	4-Mar-10	16	2	\$32.07	Yes	\$82.50	\$50.43
644	4-Mar-10	16	3	\$32.07	Yes	\$82.50	\$50.43
645	4-Mar-10	16	4	\$32.30	Yes	\$82.50	\$50.20
646	4-Mar-10	16	5	\$32.30	Yes	\$82.50	\$50.20
647	4-Mar-10	16	6	\$32.30	Yes	\$82.50	\$50.20
648	4-Mar-10	16	7	\$32.48	Yes	\$82.50	\$50.02
649	4-Mar-10	16	8	\$32.74	Yes	\$82.50	\$49.76
650	4-Mar-10	16	9	\$32.36	Yes	\$82.50	\$50.14
651	4-Mar-10	16	10	\$33.15	Yes	\$82.50	\$49.35
652	4-Mar-10	16	11	\$32.88	Yes	\$82.50	\$49.62
653	4-Mar-10	16	12	\$33.80	Yes	\$82.50	\$48.70
654	4-Mar-10	17	1	\$33.91	Yes	\$82.50	\$48.59
655	4-Mar-10	17	2	\$33.92	Yes	\$82.50	\$48.58
656	4-Mar-10	17	3	\$33.92	Yes	\$82.50	\$48.58
657	4-Mar-10	17	4	\$33.37	Yes	\$82.50	\$49.13
658	4-Mar-10	17	5	\$32.65	Yes	\$82.50	\$49.85
659	4-Mar-10	17	6	\$32.80	Yes	\$82.50	\$49.70
660	4-Mar-10	17	7	\$32.93	Yes	\$82.50	\$49.57
661	4-Mar-10	17	8	\$33.49	Yes	\$82.50	\$49.01
662	4-Mar-10	17	9	\$33.49	Yes	\$82.50	\$49.01
663	4-Mar-10	18	1	\$28.17	Yes	\$82.50	\$54.33
664	4-Mar-10	18	2	\$28.21	Yes	\$82.50	\$54.29
665	4-Mar-10	18	3	\$28.88	Yes	\$82.50	\$53.62
666	4-Mar-10	18	4	\$30.21	Yes	\$82.50	\$52.29
667	4-Mar-10	18	5	\$30.73	Yes	\$82.50	\$51.77
668	4-Mar-10	18	6	\$31.12	Yes	\$82.50	\$51.38
669	4-Mar-10	18	7	\$31.22	Yes	\$82.50	\$51.28
670	4-Mar-10	18	8	\$32.83	Yes	\$82.50	\$49.67
671	4-Mar-10	18	9	\$33.42	Yes	\$82.50	\$49.08
672	4-Mar-10	18	10	\$37.77	Yes	\$82.50	\$44.73



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	4-Mar-10	18	11	\$37.77	Yes	\$82.50	\$44.73
674	4-Mar-10	18	12	\$37.77	Yes	\$82.50	\$44.73
675	5-Mar-10	19	1	\$37.43	Yes	\$82.53	\$45.10
676	5-Mar-10	19	2	\$37.43	Yes	\$82.53	\$45.10
677	5-Mar-10	19	3	\$37.49	Yes	\$82.53	\$45.04
678	5-Mar-10	19	4	\$39.99	Yes	\$82.53	\$42.54
679	5-Mar-10	19	5	\$39.99	Yes	\$82.53	\$42.54
680	5-Mar-10	19	6	\$40.31	Yes	\$82.53	\$42.22
681	5-Mar-10	19	7	\$50.03	Yes	\$82.53	\$32.50
682	5-Mar-10	19	8	\$50.03	Yes	\$82.53	\$32.50
683	5-Mar-10	19	9	\$50.03	Yes	\$82.53	\$32.50
684	5-Mar-10	19	10	\$49.81	Yes	\$82.53	\$32.72
685	5-Mar-10	19	11	\$49.81	Yes	\$82.53	\$32.72
686	5-Mar-10	19	12	\$53.79	Yes	\$82.53	\$28.74
687	5-Mar-10	20	1	\$52.21	Yes	\$82.53	\$30.32
688	5-Mar-10	20	2	\$53.75	Yes	\$82.53	\$28.78
689	5-Mar-10	20	3	\$45.62	Yes	\$82.53	\$36.91
690	5-Mar-10	20	4	\$43.69	Yes	\$82.53	\$38.84
691	5-Mar-10	20	5	\$42.58	Yes	\$82.53	\$39.95
692	5-Mar-10	20	6	\$42.58	Yes	\$82.53	\$39.95
693	5-Mar-10	20	7	\$42.43	Yes	\$82.53	\$40.10
694	5-Mar-10	20	8	\$42.43	Yes	\$82.53	\$40.10
695	5-Mar-10	20	9	\$42.43	Yes	\$82.53	\$40.10
696	5-Mar-10	20	10	\$42.34	Yes	\$82.53	\$40.19
697	5-Mar-10	20	11	\$42.86	Yes	\$82.53	\$39.67
698	5-Mar-10	20	12	\$42.93	Yes	\$82.53	\$39.60
699	5-Mar-10	21	1	\$49.76	Yes	\$82.53	\$32.77
700	5-Mar-10	21	2	\$49.83	Yes	\$82.53	\$32.70
701	5-Mar-10	21	3	\$49.96	Yes	\$82.53	\$32.57
702	5-Mar-10	21	4	\$49.65	Yes	\$82.53	\$32.88
703	5-Mar-10	21	5	\$48.04	Yes	\$82.53	\$34.49
704	5-Mar-10	21	6	\$48.04	Yes	\$82.53	\$34.49
705	5-Mar-10	21	7	\$44.74	Yes	\$82.53	\$37.79
706	5-Mar-10	21	8	\$42.84	Yes	\$82.53	\$39.69
707	5-Mar-10	21	9	\$42.84	Yes	\$82.53	\$39.69
708	5-Mar-10	21	10	\$42.51	Yes	\$82.53	\$40.02
709	5-Mar-10	21	11	\$40.21	Yes	\$82.53	\$42.32
710	5-Mar-10	21	12	\$42.13	Yes	\$82.53	\$40.40
711	5-Mar-10	22	1	\$58.34	Yes	\$82.53	\$24.19
712	5-Mar-10	22	2	\$58.34	Yes	\$82.53	\$24.19
713	5-Mar-10	22	3	\$58.34	Yes	\$82.53	\$24.19
714	5-Mar-10	22	4	\$49.42	Yes	\$82.53	\$33.11
715	5-Mar-10	22	5	\$44.75	Yes	\$82.53	\$37.78
716	5-Mar-10	22	6	\$43.01	Yes	\$82.53	\$39.52
717	5-Mar-10	22	7	\$42.79	Yes	\$82.53	\$39.74

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	5-Mar-10	22	8	\$41.22	Yes	\$82.53	\$41.31
719	5-Mar-10	22	9	\$39.53	Yes	\$82.53	\$43.00
720	5-Mar-10	22	10	\$38.15	Yes	\$82.53	\$44.38
721	5-Mar-10	22	11	\$36.91	Yes	\$82.53	\$45.62
722	5-Mar-10	22	12	\$38.36	Yes	\$82.53	\$44.17
723	5-Mar-10	23	1	\$68.55	Yes	\$82.53	\$13.98
724	5-Mar-10	23	2	\$58.30	Yes	\$82.53	\$24.23
725	5-Mar-10	23	3	\$53.76	Yes	\$82.53	\$28.77
726	5-Mar-10	23	4	\$45.38	Yes	\$82.53	\$37.15
727	5-Mar-10	23	5	\$43.80	Yes	\$82.53	\$38.73
728	5-Mar-10	23	6	\$42.38	Yes	\$82.53	\$40.15
729	5-Mar-10	23	7	\$42.01	Yes	\$82.53	\$40.52
730	5-Mar-10	23	8	\$42.01	Yes	\$82.53	\$40.52
731	5-Mar-10	23	9	\$37.65	Yes	\$82.53	\$44.88
732	5-Mar-10	23	10	\$35.69	Yes	\$82.53	\$46.84
733	5-Mar-10	23	11	\$35.64	Yes	\$82.53	\$46.89
734	5-Mar-10	23	12	\$34.66	Yes	\$82.53	\$47.87
735	5-Mar-10	24	1	\$42.47	Yes	\$82.53	\$40.06
736	5-Mar-10	24	2	\$42.47	Yes	\$82.53	\$40.06
737	5-Mar-10	24	3	\$38.07	Yes	\$82.53	\$44.46
738	5-Mar-10	24	4	\$45.40	Yes	\$82.53	\$37.13
739	5-Mar-10	24	5	\$64.85	Yes	\$82.53	\$17.68
740	5-Mar-10	24	6	\$55.81	Yes	\$82.53	\$26.72
741	5-Mar-10	24	7	\$44.27	Yes	\$82.53	\$38.26
742	5-Mar-10	24	8	\$43.17	Yes	\$82.53	\$39.36
743	5-Mar-10	24	9	\$42.50	Yes	\$82.53	\$40.03
744	5-Mar-10	24	10	\$42.34	Yes	\$82.53	\$40.19
745	5-Mar-10	24	11	\$42.34	Yes	\$82.53	\$40.19
746	5-Mar-10	24	12	\$40.45	Yes	\$82.53	\$42.08
747	7-Mar-10	1	1	\$40.77	No	\$81.27	\$40.50
748	7-Mar-10	1	2	\$38.74	No	\$81.27	\$42.53
749	7-Mar-10	1	3	\$34.52	No	\$81.27	\$46.75
750	7-Mar-10	1	4	\$36.83	No	\$81.27	\$44.44
751	7-Mar-10	1	5	\$36.91	No	\$81.27	\$44.36
752	7-Mar-10	1	6	\$36.91	No	\$81.27	\$44.36
753	7-Mar-10	1	7	\$36.64	No	\$81.27	\$44.63
754	7-Mar-10	1	8	\$36.64	No	\$81.27	\$44.63
755	7-Mar-10	1	9	\$35.37	No	\$81.27	\$45.90
756	7-Mar-10	1	10	\$34.36	No	\$81.27	\$46.91
757	7-Mar-10	1	11	\$33.27	No	\$81.27	\$48.00
758	7-Mar-10	1	12	\$33.27	No	\$81.27	\$48.00
759	11-Mar-10	3	1	\$33.84	No	\$76.80	\$42.96
760	11-Mar-10	3	2	\$33.14	No	\$76.80	\$43.66
761	11-Mar-10	3	3	\$33.04	No	\$76.80	\$43.76
762	11-Mar-10	3	4	\$32.95	No	\$76.80	\$43.85

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	11-Mar-10	3	5	\$32.95	No	\$76.80	\$43.85
764	11-Mar-10	3	6	\$32.95	No	\$76.80	\$43.85
765	11-Mar-10	3	7	\$32.49	No	\$76.80	\$44.31
766	11-Mar-10	3	8	\$32.95	No	\$76.80	\$43.85
767	11-Mar-10	3	9	\$32.95	No	\$76.80	\$43.85
768	11-Mar-10	3	10	\$32.98	No	\$76.80	\$43.82
769	11-Mar-10	3	11	\$32.28	No	\$76.80	\$44.52
770	11-Mar-10	3	12	\$32.48	No	\$76.80	\$44.32
771	11-Mar-10	4	1	\$33.70	No	\$76.80	\$43.10
772	11-Mar-10	4	2	\$33.70	No	\$76.80	\$43.10
773	11-Mar-10	4	3	\$33.70	No	\$76.80	\$43.10
774	11-Mar-10	4	4	\$33.22	No	\$76.80	\$43.58
775	11-Mar-10	4	5	\$33.22	No	\$76.80	\$43.58
776	11-Mar-10	4	6	\$33.22	No	\$76.80	\$43.58
777	11-Mar-10	4	7	\$33.25	No	\$76.80	\$43.55
778	11-Mar-10	4	8	\$35.05	No	\$76.80	\$41.75
779	11-Mar-10	4	9	\$35.05	No	\$76.80	\$41.75
780	11-Mar-10	4	10	\$35.20	No	\$76.80	\$41.60
781	11-Mar-10	4	11	\$34.92	No	\$76.80	\$41.88
782	11-Mar-10	4	12	\$35.20	No	\$76.80	\$41.60
783	11-Mar-10	5	1	\$34.68	No	\$77.48	\$42.80
784	11-Mar-10	5	2	\$34.28	No	\$77.48	\$43.20
785	11-Mar-10	5	3	\$34.68	No	\$77.48	\$42.80
786	11-Mar-10	5	4	\$33.65	No	\$77.48	\$43.83
787	11-Mar-10	5	5	\$34.35	No	\$77.48	\$43.13
788	11-Mar-10	5	6	\$34.82	No	\$77.48	\$42.66
789	11-Mar-10	5	7	\$35.05	No	\$77.48	\$42.43
790	11-Mar-10	5	8	\$35.26	No	\$77.48	\$42.22
791	11-Mar-10	5	9	\$36.85	No	\$77.48	\$40.63
792	11-Mar-10	5	10	\$38.16	No	\$77.48	\$39.32
793	11-Mar-10	5	11	\$40.81	No	\$77.48	\$36.67
794	11-Mar-10	5	12	\$42.43	No	\$77.48	\$35.05
795	11-Mar-10	6	1	\$32.92	No	\$77.48	\$44.56
796	11-Mar-10	6	2	\$34.40	No	\$77.48	\$43.08
797	11-Mar-10	6	3	\$41.28	No	\$77.48	\$36.20
798	11-Mar-10	6	4	\$35.85	No	\$77.48	\$41.63
799	11-Mar-10	6	5	\$41.66	No	\$77.48	\$35.82
800	11-Mar-10	6	6	\$46.23	No	\$77.48	\$31.25
801	11-Mar-10	6	7	\$46.65	No	\$77.48	\$30.83
802	11-Mar-10	6	8	\$49.08	No	\$77.48	\$28.40
803	11-Mar-10	6	9	\$49.08	No	\$77.48	\$28.40
804	11-Mar-10	6	10	\$55.56	No	\$77.48	\$21.92
805	11-Mar-10	6	11	\$55.56	No	\$77.48	\$21.92
806	11-Mar-10	6	12	\$55.56	No	\$77.48	\$21.92
807	11-Mar-10	7	1	\$39.89	No	\$81.02	\$41.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	11-Mar-10	7	2	\$40.75	No	\$81.02	\$40.27
809	11-Mar-10	7	3	\$45.05	No	\$81.02	\$35.97
810	11-Mar-10	7	4	\$45.56	No	\$81.02	\$35.46
811	11-Mar-10	7	5	\$47.93	No	\$81.02	\$33.09
812	11-Mar-10	7	6	\$52.04	No	\$81.02	\$28.98
813	11-Mar-10	7	7	\$53.37	No	\$81.02	\$27.65
814	11-Mar-10	7	8	\$53.37	No	\$81.02	\$27.65
815	11-Mar-10	7	9	\$52.94	No	\$81.02	\$28.08
816	11-Mar-10	7	10	\$53.63	No	\$81.02	\$27.39
817	11-Mar-10	7	11	\$53.41	No	\$81.02	\$27.61
818	11-Mar-10	7	12	\$53.41	No	\$81.02	\$27.61
819	11-Mar-10	8	1	\$49.24	No	\$81.02	\$31.78
820	11-Mar-10	8	2	\$49.24	No	\$81.02	\$31.78
821	11-Mar-10	8	3	\$46.80	No	\$81.02	\$34.22
822	11-Mar-10	8	4	\$48.83	No	\$81.02	\$32.19
823	11-Mar-10	8	5	\$48.83	No	\$81.02	\$32.19
824	11-Mar-10	8	6	\$49.51	No	\$81.02	\$31.51
825	11-Mar-10	8	7	\$49.75	No	\$81.02	\$31.27
826	11-Mar-10	8	8	\$49.75	No	\$81.02	\$31.27
827	11-Mar-10	8	9	\$49.81	No	\$81.02	\$31.21
828	11-Mar-10	8	10	\$53.61	No	\$81.02	\$27.41
829	11-Mar-10	8	11	\$53.91	No	\$81.02	\$27.11
830	11-Mar-10	8	12	\$54.08	No	\$81.02	\$26.94
831	11-Mar-10	9	1	\$49.65	No	\$81.02	\$31.37
832	11-Mar-10	9	2	\$49.65	No	\$81.02	\$31.37
833	11-Mar-10	9	3	\$49.65	No	\$81.02	\$31.37
834	11-Mar-10	9	4	\$49.57	No	\$81.02	\$31.45
835	11-Mar-10	9	5	\$49.57	No	\$81.02	\$31.45
836	11-Mar-10	9	6	\$49.57	No	\$81.02	\$31.45
837	11-Mar-10	9	7	\$49.56	No	\$81.02	\$31.46
838	11-Mar-10	9	8	\$49.04	No	\$81.02	\$31.98
839	11-Mar-10	9	9	\$49.04	No	\$81.02	\$31.98
840	11-Mar-10	9	10	\$49.58	No	\$81.02	\$31.44
841	11-Mar-10	9	11	\$49.58	No	\$81.02	\$31.44
842	11-Mar-10	9	12	\$49.58	No	\$81.02	\$31.44
843	11-Mar-10	10	1	\$47.50	No	\$81.02	\$33.52
844	11-Mar-10	10	2	\$47.95	No	\$81.02	\$33.07
845	11-Mar-10	10	3	\$47.95	No	\$81.02	\$33.07
846	11-Mar-10	10	4	\$47.65	No	\$81.02	\$33.37
847	11-Mar-10	10	5	\$47.65	No	\$81.02	\$33.37
848	11-Mar-10	10	6	\$53.80	No	\$81.02	\$27.22
849	11-Mar-10	10	7	\$49.29	No	\$81.02	\$31.73
850	11-Mar-10	10	8	\$49.29	No	\$81.02	\$31.73
851	11-Mar-10	10	9	\$49.29	No	\$81.02	\$31.73
852	11-Mar-10	10	10	\$46.45	No	\$81.02	\$34.57

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	11-Mar-10	10	11	\$44.33	No	\$81.02	\$36.69
854	11-Mar-10	10	12	\$43.83	No	\$81.02	\$37.19
855	11-Mar-10	11	1	\$46.26	No	\$81.02	\$34.76
856	11-Mar-10	11	2	\$43.00	No	\$81.02	\$38.02
857	11-Mar-10	11	3	\$44.09	No	\$81.02	\$36.93
858	11-Mar-10	11	4	\$44.18	No	\$81.02	\$36.84
859	11-Mar-10	11	5	\$45.94	No	\$81.02	\$35.08
860	11-Mar-10	11	6	\$45.94	No	\$81.02	\$35.08
861	11-Mar-10	11	7	\$45.88	No	\$81.02	\$35.14
862	11-Mar-10	11	8	\$45.61	No	\$81.02	\$35.41
863	11-Mar-10	11	9	\$45.90	No	\$81.02	\$35.12
864	11-Mar-10	11	10	\$43.72	No	\$81.02	\$37.30
865	11-Mar-10	11	11	\$44.10	No	\$81.02	\$36.92
866	11-Mar-10	11	12	\$45.85	No	\$81.02	\$35.17
867	11-Mar-10	12	1	\$45.87	No	\$81.02	\$35.15
868	11-Mar-10	12	2	\$46.70	No	\$81.02	\$34.32
869	11-Mar-10	12	3	\$46.70	No	\$81.02	\$34.32
870	11-Mar-10	12	4	\$46.69	No	\$81.02	\$34.33
871	11-Mar-10	12	5	\$46.15	No	\$81.02	\$34.87
872	11-Mar-10	12	6	\$46.06	No	\$81.02	\$34.96
873	11-Mar-10	12	7	\$46.23	No	\$81.02	\$34.79
874	11-Mar-10	12	8	\$45.68	No	\$81.02	\$35.34
875	11-Mar-10	12	9	\$45.68	No	\$81.02	\$35.34
876	11-Mar-10	12	10	\$45.26	No	\$81.02	\$35.76
877	11-Mar-10	12	11	\$45.26	No	\$81.02	\$35.76
878	11-Mar-10	12	12	\$45.26	No	\$81.02	\$35.76
879	11-Mar-10	13	1	\$47.98	No	\$78.86	\$30.88
880	11-Mar-10	13	2	\$46.89	No	\$78.86	\$31.97
881	11-Mar-10	13	3	\$46.27	No	\$78.86	\$32.59
882	11-Mar-10	13	4	\$45.83	No	\$78.86	\$33.03
883	11-Mar-10	13	5	\$46.18	No	\$78.86	\$32.68
884	11-Mar-10	13	6	\$46.16	No	\$78.86	\$32.70
885	11-Mar-10	13	7	\$46.10	No	\$78.86	\$32.76
886	11-Mar-10	13	8	\$46.11	No	\$78.86	\$32.75
887	11-Mar-10	13	9	\$46.11	No	\$78.86	\$32.75
888	11-Mar-10	13	10	\$46.30	No	\$78.86	\$32.56
889	11-Mar-10	13	11	\$46.30	No	\$78.86	\$32.56
890	11-Mar-10	13	12	\$45.91	No	\$78.86	\$32.95
891	11-Mar-10	14	1	\$48.27	No	\$78.86	\$30.59
892	11-Mar-10	14	2	\$47.46	No	\$78.86	\$31.40
893	11-Mar-10	14	3	\$47.07	No	\$78.86	\$31.79
894	11-Mar-10	14	4	\$47.98	No	\$78.86	\$30.88
895	11-Mar-10	14	5	\$46.91	No	\$78.86	\$31.95
896	11-Mar-10	14	6	\$47.30	No	\$78.86	\$31.56
897	11-Mar-10	14	7	\$47.36	No	\$78.86	\$31.50

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	11-Mar-10	14	8	\$46.62	No	\$78.86	\$32.24
899	11-Mar-10	14	9	\$46.83	No	\$78.86	\$32.03
900	11-Mar-10	14	10	\$46.77	No	\$78.86	\$32.09
901	11-Mar-10	14	11	\$45.63	No	\$78.86	\$33.23
902	11-Mar-10	14	12	\$46.03	No	\$78.86	\$32.83
903	11-Mar-10	15	1	\$48.69	No	\$78.86	\$30.17
904	11-Mar-10	15	2	\$44.66	No	\$78.86	\$34.20
905	11-Mar-10	15	3	\$40.85	No	\$78.86	\$38.01
906	11-Mar-10	15	4	\$42.38	No	\$78.86	\$36.48
907	11-Mar-10	15	5	\$42.38	No	\$78.86	\$36.48
908	11-Mar-10	15	6	\$42.29	No	\$78.86	\$36.57
909	11-Mar-10	15	7	\$42.14	No	\$78.86	\$36.72
910	11-Mar-10	15	8	\$42.14	No	\$78.86	\$36.72
911	11-Mar-10	15	9	\$42.08	No	\$78.86	\$36.78
912	11-Mar-10	15	10	\$41.83	No	\$78.86	\$37.03
913	11-Mar-10	15	11	\$41.91	No	\$78.86	\$36.95
914	11-Mar-10	15	12	\$41.83	No	\$78.86	\$37.03
915	11-Mar-10	16	1	\$48.07	No	\$78.86	\$30.79
916	11-Mar-10	16	2	\$34.37	No	\$78.86	\$44.49
917	11-Mar-10	16	3	\$33.11	No	\$78.86	\$45.75
918	11-Mar-10	16	4	\$32.79	No	\$78.86	\$46.07
919	11-Mar-10	16	5	\$33.24	No	\$78.86	\$45.62
920	11-Mar-10	16	6	\$33.24	No	\$78.86	\$45.62
921	11-Mar-10	16	7	\$34.00	No	\$78.86	\$44.86
922	11-Mar-10	16	8	\$34.96	No	\$78.86	\$43.90
923	11-Mar-10	16	9	\$34.96	No	\$78.86	\$43.90
924	11-Mar-10	16	10	\$36.88	No	\$78.86	\$41.98
925	11-Mar-10	16	11	\$36.96	No	\$78.86	\$41.90
926	11-Mar-10	16	12	\$37.92	No	\$78.86	\$40.94
927	17-Mar-10	9	9	\$53.89	Yes	\$79.89	\$26.00
928	17-Mar-10	9	10	\$54.89	Yes	\$79.89	\$25.00
929	17-Mar-10	9	11	\$53.69	Yes	\$79.89	\$26.20
930	17-Mar-10	9	12	\$48.14	Yes	\$79.89	\$31.75
931	17-Mar-10	10	1	\$42.98	Yes	\$79.89	\$36.91
932	17-Mar-10	10	2	\$42.18	Yes	\$79.89	\$37.71
933	17-Mar-10	10	3	\$42.18	Yes	\$79.89	\$37.71
934	17-Mar-10	10	4	\$39.80	Yes	\$79.89	\$40.09
935	17-Mar-10	10	5	\$42.16	Yes	\$79.89	\$37.73
936	17-Mar-10	10	6	\$42.16	Yes	\$79.89	\$37.73
937	17-Mar-10	10	7	\$47.99	Yes	\$79.89	\$31.90
938	17-Mar-10	10	8	\$47.99	Yes	\$79.89	\$31.90
939	17-Mar-10	10	9	\$48.59	Yes	\$79.89	\$31.30
940	17-Mar-10	10	10	\$48.14	Yes	\$79.89	\$31.75
941	17-Mar-10	10	11	\$48.14	Yes	\$79.89	\$31.75
942	17-Mar-10	10	12	\$48.14	Yes	\$79.89	\$31.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	17-Mar-10	11	1	\$47.83	Yes	\$79.89	\$32.06
944	17-Mar-10	11	2	\$47.83	Yes	\$79.89	\$32.06
945	17-Mar-10	11	3	\$47.83	Yes	\$79.89	\$32.06
946	17-Mar-10	11	4	\$47.43	Yes	\$79.89	\$32.46
947	17-Mar-10	11	5	\$47.43	Yes	\$79.89	\$32.46
948	17-Mar-10	11	6	\$47.43	Yes	\$79.89	\$32.46
949	17-Mar-10	11	7	\$47.89	Yes	\$79.89	\$32.00
950	17-Mar-10	11	8	\$47.90	Yes	\$79.89	\$31.99
951	17-Mar-10	11	9	\$47.90	Yes	\$79.89	\$31.99
952	17-Mar-10	11	10	\$53.16	Yes	\$79.89	\$26.73
953	17-Mar-10	11	11	\$53.12	Yes	\$79.89	\$26.77
954	17-Mar-10	11	12	\$53.16	Yes	\$79.89	\$26.73
955	17-Mar-10	12	1	\$50.05	Yes	\$79.89	\$29.84
956	17-Mar-10	12	2	\$48.14	Yes	\$79.89	\$31.75
957	17-Mar-10	12	3	\$49.52	Yes	\$79.89	\$30.37
958	17-Mar-10	12	4	\$47.92	Yes	\$79.89	\$31.97
959	17-Mar-10	12	5	\$47.92	Yes	\$79.89	\$31.97
960	17-Mar-10	12	6	\$47.92	Yes	\$79.89	\$31.97
961	17-Mar-10	12	7	\$47.84	Yes	\$79.89	\$32.05
962	17-Mar-10	12	8	\$47.84	Yes	\$79.89	\$32.05
963	17-Mar-10	12	9	\$49.70	Yes	\$79.89	\$30.19
964	17-Mar-10	12	10	\$49.30	Yes	\$79.89	\$30.59
965	17-Mar-10	12	11	\$52.74	Yes	\$79.89	\$27.15
966	17-Mar-10	12	12	\$54.98	Yes	\$79.89	\$24.91
967	17-Mar-10	13	1	\$50.14	Yes	\$79.89	\$29.75
968	17-Mar-10	13	2	\$47.23	Yes	\$79.89	\$32.66
969	17-Mar-10	13	3	\$49.42	Yes	\$79.89	\$30.47
970	17-Mar-10	13	4	\$49.41	Yes	\$79.89	\$30.48
971	17-Mar-10	13	5	\$49.41	Yes	\$79.89	\$30.48
972	17-Mar-10	13	6	\$49.41	Yes	\$79.89	\$30.48
973	17-Mar-10	13	7	\$49.38	Yes	\$79.89	\$30.51
974	17-Mar-10	13	8	\$49.38	Yes	\$79.89	\$30.51
975	17-Mar-10	13	9	\$49.79	Yes	\$79.89	\$30.10
976	17-Mar-10	13	10	\$51.19	Yes	\$79.89	\$28.70
977	17-Mar-10	13	11	\$49.05	Yes	\$79.89	\$30.84
978	17-Mar-10	13	12	\$49.05	Yes	\$79.89	\$30.84
979	17-Mar-10	14	1	\$48.38	Yes	\$79.89	\$31.51
980	17-Mar-10	14	2	\$48.99	Yes	\$79.89	\$30.90
981	17-Mar-10	14	3	\$49.37	Yes	\$79.89	\$30.52
982	17-Mar-10	14	4	\$46.80	Yes	\$79.89	\$33.09
983	17-Mar-10	14	5	\$46.80	Yes	\$79.89	\$33.09
984	17-Mar-10	14	6	\$47.62	Yes	\$79.89	\$32.27
985	17-Mar-10	14	7	\$49.25	Yes	\$79.89	\$30.64
986	17-Mar-10	14	8	\$51.40	Yes	\$79.89	\$28.49
987	17-Mar-10	14	9	\$59.76	Yes	\$79.89	\$20.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	17-Mar-10	14	10	\$51.21	Yes	\$79.89	\$28.68
989	17-Mar-10	14	11	\$51.66	Yes	\$79.89	\$28.23
990	17-Mar-10	14	12	\$51.66	Yes	\$79.89	\$28.23
991	17-Mar-10	15	1	\$51.27	Yes	\$79.89	\$28.62
992	17-Mar-10	15	2	\$59.39	Yes	\$79.89	\$20.50
993	17-Mar-10	15	3	\$59.39	Yes	\$79.89	\$20.50
994	17-Mar-10	15	4	\$65.71	Yes	\$79.89	\$14.18
995	17-Mar-10	15	5	\$65.54	Yes	\$79.89	\$14.35
996	17-Mar-10	15	6	\$58.97	Yes	\$79.89	\$20.92
997	17-Mar-10	15	7	\$63.37	Yes	\$79.89	\$16.52
998	17-Mar-10	15	8	\$68.17	Yes	\$79.89	\$11.72
999	17-Mar-10	15	9	\$68.17	Yes	\$79.89	\$11.72
1000	17-Mar-10	15	10	\$69.82	Yes	\$79.89	\$10.07
1001	17-Mar-10	15	11	\$65.37	Yes	\$79.89	\$14.52
1002	17-Mar-10	15	12	\$65.00	Yes	\$79.89	\$14.89
1003	17-Mar-10	16	1	\$63.09	Yes	\$79.89	\$16.80
1004	17-Mar-10	16	2	\$58.81	Yes	\$79.89	\$21.08
1005	17-Mar-10	16	3	\$58.81	Yes	\$79.89	\$21.08
1006	17-Mar-10	16	4	\$60.56	Yes	\$79.89	\$19.33
1007	17-Mar-10	16	5	\$51.01	Yes	\$79.89	\$28.88
1008	17-Mar-10	16	6	\$51.01	Yes	\$79.89	\$28.88
1009	17-Mar-10	16	7	\$62.27	Yes	\$79.89	\$17.62
1010	17-Mar-10	16	8	\$49.83	Yes	\$79.89	\$30.06
1011	17-Mar-10	16	9	\$49.16	Yes	\$79.89	\$30.73
1012	17-Mar-10	16	10	\$46.37	Yes	\$79.89	\$33.52
1013	17-Mar-10	16	11	\$45.66	Yes	\$79.89	\$34.23
1014	17-Mar-10	16	12	\$50.74	Yes	\$79.89	\$29.15
1015	17-Mar-10	17	1	\$57.78	Yes	\$79.89	\$22.11
1016	17-Mar-10	17	2	\$53.54	Yes	\$79.89	\$26.35
1017	17-Mar-10	17	3	\$53.04	Yes	\$79.89	\$26.86
1018	17-Mar-10	17	4	\$50.40	Yes	\$79.89	\$29.49
1019	17-Mar-10	17	5	\$50.36	Yes	\$79.89	\$29.53
1020	17-Mar-10	17	6	\$49.94	Yes	\$79.89	\$29.95
1021	17-Mar-10	17	7	\$47.32	Yes	\$79.89	\$32.57
1022	17-Mar-10	17	8	\$45.69	Yes	\$79.89	\$34.20
1023	17-Mar-10	17	9	\$45.69	Yes	\$79.89	\$34.20
1024	17-Mar-10	17	10	\$47.44	Yes	\$79.89	\$32.45
1025	17-Mar-10	17	11	\$45.49	Yes	\$79.89	\$34.40
1026	17-Mar-10	17	12	\$45.34	Yes	\$79.89	\$34.55
1027	17-Mar-10	18	1	\$49.71	Yes	\$79.89	\$30.18
1028	17-Mar-10	18	2	\$49.99	Yes	\$79.89	\$29.90
1029	17-Mar-10	18	3	\$47.08	Yes	\$79.89	\$32.81
1030	17-Mar-10	18	4	\$51.52	Yes	\$79.89	\$28.37
1031	17-Mar-10	18	5	\$47.33	Yes	\$79.89	\$32.56
1032	17-Mar-10	18	6	\$47.52	Yes	\$79.89	\$32.37



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	17-Mar-10	18	7	\$44.68	Yes	\$79.89	\$35.21
1034	17-Mar-10	18	8	\$44.81	Yes	\$79.89	\$35.08
1035	17-Mar-10	18	9	\$44.81	Yes	\$79.89	\$35.08
1036	17-Mar-10	18	10	\$44.12	Yes	\$79.89	\$35.77
1037	17-Mar-10	18	11	\$44.12	Yes	\$79.89	\$35.77
1038	17-Mar-10	18	12	\$44.12	Yes	\$79.89	\$35.77
1039	17-Mar-10	19	1	\$40.19	Yes	\$79.89	\$39.70
1040	17-Mar-10	19	2	\$40.19	Yes	\$79.89	\$39.70
1041	17-Mar-10	19	3	\$36.85	Yes	\$79.89	\$43.04
1042	17-Mar-10	19	4	\$36.94	Yes	\$79.89	\$42.95
1043	17-Mar-10	19	5	\$38.67	Yes	\$79.89	\$41.22
1044	17-Mar-10	19	6	\$37.15	Yes	\$79.89	\$42.74
1045	17-Mar-10	19	7	\$37.15	Yes	\$79.89	\$42.74
1046	17-Mar-10	19	8	\$39.99	Yes	\$79.89	\$39.90
1047	17-Mar-10	19	9	\$44.09	Yes	\$79.89	\$35.80
1048	17-Mar-10	19	10	\$44.48	Yes	\$79.89	\$35.41
1049	17-Mar-10	19	11	\$43.19	Yes	\$79.89	\$36.70
1050	17-Mar-10	19	12	\$44.48	Yes	\$79.89	\$35.41
1051	17-Mar-10	20	1	\$34.78	Yes	\$79.89	\$45.11
1052	17-Mar-10	20	2	\$34.56	Yes	\$79.89	\$45.33
1053	17-Mar-10	20	3	\$34.56	Yes	\$79.89	\$45.33
1054	17-Mar-10	20	4	\$34.93	Yes	\$79.89	\$44.96
1055	17-Mar-10	20	5	\$36.39	Yes	\$79.89	\$43.50
1056	17-Mar-10	20	6	\$38.52	Yes	\$79.89	\$41.37
1057	17-Mar-10	20	7	\$47.16	Yes	\$79.89	\$32.73
1058	17-Mar-10	20	8	\$45.07	Yes	\$79.89	\$34.82
1059	17-Mar-10	20	9	\$47.16	Yes	\$79.89	\$32.73
1060	17-Mar-10	20	10	\$48.37	Yes	\$79.89	\$31.52
1061	17-Mar-10	20	11	\$48.37	Yes	\$79.89	\$31.52
1062	17-Mar-10	20	12	\$52.80	Yes	\$79.89	\$27.09
1063	17-Mar-10	21	1	\$52.31	Yes	\$79.89	\$27.58
1064	17-Mar-10	21	2	\$48.33	Yes	\$79.89	\$31.56
1065	17-Mar-10	21	3	\$48.33	Yes	\$79.89	\$31.56
1066	17-Mar-10	21	4	\$45.89	Yes	\$79.89	\$34.00
1067	17-Mar-10	21	5	\$45.89	Yes	\$79.89	\$34.00
1068	17-Mar-10	21	6	\$45.67	Yes	\$79.89	\$34.22
1069	17-Mar-10	21	7	\$45.42	Yes	\$79.89	\$34.47
1070	17-Mar-10	21	8	\$45.42	Yes	\$79.89	\$34.47
1071	17-Mar-10	21	9	\$42.54	Yes	\$79.89	\$37.35
1072	17-Mar-10	21	10	\$38.58	Yes	\$79.89	\$41.31
1073	17-Mar-10	21	11	\$38.58	Yes	\$79.89	\$41.31
1074	17-Mar-10	21	12	\$35.63	Yes	\$79.89	\$44.26
1075	17-Mar-10	22	1	\$52.95	Yes	\$79.89	\$26.94
1076	17-Mar-10	22	2	\$52.48	Yes	\$79.89	\$27.41
1077	17-Mar-10	22	3	\$48.06	Yes	\$79.89	\$31.83

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	17-Mar-10	22	4	\$45.94	Yes	\$79.89	\$33.95
1079	17-Mar-10	22	5	\$45.94	Yes	\$79.89	\$33.95
1080	17-Mar-10	22	6	\$45.94	Yes	\$79.89	\$33.95
1081	17-Mar-10	22	7	\$45.22	Yes	\$79.89	\$34.67
1082	17-Mar-10	22	8	\$37.82	Yes	\$79.89	\$42.07
1083	17-Mar-10	22	9	\$35.48	Yes	\$79.89	\$44.41
1084	17-Mar-10	22	10	\$34.29	Yes	\$79.89	\$45.60
1085	17-Mar-10	22	11	\$34.09	Yes	\$79.89	\$45.80
1086	17-Mar-10	22	12	\$34.64	Yes	\$79.89	\$45.25
1087	17-Mar-10	23	1	\$53.97	Yes	\$79.89	\$25.92
1088	17-Mar-10	23	2	\$53.97	Yes	\$79.89	\$25.92
1089	17-Mar-10	23	3	\$51.62	Yes	\$79.89	\$28.27
1090	17-Mar-10	23	4	\$47.02	Yes	\$79.89	\$32.87
1091	17-Mar-10	23	5	\$47.02	Yes	\$79.89	\$32.87
1092	17-Mar-10	23	6	\$47.02	Yes	\$79.89	\$32.87
1093	17-Mar-10	23	7	\$46.57	Yes	\$79.89	\$33.32
1094	17-Mar-10	23	8	\$46.06	Yes	\$79.89	\$33.83
1095	17-Mar-10	23	9	\$44.02	Yes	\$79.89	\$35.87
1096	17-Mar-10	23	10	\$34.94	Yes	\$79.89	\$44.95
1097	17-Mar-10	23	11	\$34.89	Yes	\$79.89	\$45.00
1098	17-Mar-10	23	12	\$34.25	Yes	\$79.89	\$45.64
1099	17-Mar-10	24	1	\$46.42	Yes	\$79.89	\$33.47
1100	17-Mar-10	24	2	\$46.42	Yes	\$79.89	\$33.47
1101	17-Mar-10	24	3	\$41.75	Yes	\$79.89	\$38.14
1102	17-Mar-10	24	4	\$41.44	Yes	\$79.89	\$38.45
1103	17-Mar-10	24	5	\$41.44	Yes	\$79.89	\$38.45
1104	17-Mar-10	24	6	\$38.08	Yes	\$79.89	\$41.81
1105	17-Mar-10	24	7	\$33.99	Yes	\$79.89	\$45.90
1106	17-Mar-10	24	8	\$33.28	Yes	\$79.89	\$46.61
1107	17-Mar-10	24	9	\$33.28	Yes	\$79.89	\$46.61
1108	17-Mar-10	24	10	\$32.87	Yes	\$79.89	\$47.02
1109	17-Mar-10	24	11	\$31.85	Yes	\$79.89	\$48.04
1110	17-Mar-10	24	12	\$25.82	Yes	\$79.89	\$54.07
1111	29-Mar-10	8	3	\$34.31	Yes	\$74.16	\$39.85
1112	29-Mar-10	8	4	\$34.26	Yes	\$74.16	\$39.90
1113	29-Mar-10	8	5	\$33.97	Yes	\$74.16	\$40.19
1114	29-Mar-10	8	6	\$34.26	Yes	\$74.16	\$39.90
1115	29-Mar-10	8	7	\$34.45	Yes	\$74.16	\$39.71
1116	29-Mar-10	8	8	\$37.37	Yes	\$74.16	\$36.79
1117	29-Mar-10	8	9	\$37.37	Yes	\$74.16	\$36.79
1118	29-Mar-10	8	10	\$35.87	Yes	\$74.16	\$38.29
1119	29-Mar-10	8	11	\$35.87	Yes	\$74.16	\$38.29
1120	29-Mar-10	8	12	\$35.87	Yes	\$74.16	\$38.29
1121	29-Mar-10	9	1	\$39.55	Yes	\$74.16	\$34.61
1122	29-Mar-10	9	2	\$39.55	Yes	\$74.16	\$34.61

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	29-Mar-10	9	3	\$34.56	Yes	\$74.16	\$39.60
1124	29-Mar-10	9	4	\$34.57	Yes	\$74.16	\$39.59
1125	29-Mar-10	9	5	\$34.57	Yes	\$74.16	\$39.59
1126	29-Mar-10	9	6	\$34.57	Yes	\$74.16	\$39.59
1127	29-Mar-10	9	7	\$35.43	Yes	\$74.16	\$38.73
1128	29-Mar-10	9	8	\$35.46	Yes	\$74.16	\$38.70
1129	29-Mar-10	9	9	\$35.43	Yes	\$74.16	\$38.73
1130	29-Mar-10	9	10	\$42.58	Yes	\$74.16	\$31.58
1131	29-Mar-10	9	11	\$42.58	Yes	\$74.16	\$31.58
1132	29-Mar-10	9	12	\$40.99	Yes	\$74.16	\$33.17
1133	29-Mar-10	10	1	\$37.28	Yes	\$74.16	\$36.88
1134	29-Mar-10	10	2	\$37.28	Yes	\$74.16	\$36.88
1135	29-Mar-10	10	3	\$37.28	Yes	\$74.16	\$36.88
1136	29-Mar-10	10	4	\$40.24	Yes	\$74.16	\$33.92
1137	29-Mar-10	10	5	\$41.20	Yes	\$74.16	\$32.96
1138	29-Mar-10	10	6	\$44.85	Yes	\$74.16	\$29.31
1139	29-Mar-10	10	7	\$41.88	Yes	\$74.16	\$32.28
1140	29-Mar-10	10	8	\$41.89	Yes	\$74.16	\$32.27
1141	29-Mar-10	10	9	\$43.95	Yes	\$74.16	\$30.21
1142	29-Mar-10	10	10	\$41.88	Yes	\$74.16	\$32.28
1143	29-Mar-10	10	11	\$43.23	Yes	\$74.16	\$30.93
1144	29-Mar-10	10	12	\$41.88	Yes	\$74.16	\$32.28
1145	29-Mar-10	11	1	\$42.38	Yes	\$74.16	\$31.78
1146	29-Mar-10	11	2	\$41.39	Yes	\$74.16	\$32.77
1147	29-Mar-10	11	3	\$40.52	Yes	\$74.16	\$33.64
1148	29-Mar-10	11	4	\$41.55	Yes	\$74.16	\$32.61
1149	29-Mar-10	11	5	\$41.55	Yes	\$74.16	\$32.61
1150	29-Mar-10	11	6	\$41.88	Yes	\$74.16	\$32.28
1151	29-Mar-10	11	7	\$41.58	Yes	\$74.16	\$32.58
1152	29-Mar-10	11	8	\$41.00	Yes	\$74.16	\$33.16
1153	29-Mar-10	11	9	\$41.58	Yes	\$74.16	\$32.58
1154	29-Mar-10	11	10	\$40.30	Yes	\$74.16	\$33.86
1155	29-Mar-10	11	11	\$39.42	Yes	\$74.16	\$34.74
1156	29-Mar-10	11	12	\$39.42	Yes	\$74.16	\$34.74
1157	29-Mar-10	12	1	\$35.89	Yes	\$74.16	\$38.27
1158	29-Mar-10	12	2	\$39.11	Yes	\$74.16	\$35.05
1159	29-Mar-10	12	3	\$39.11	Yes	\$74.16	\$35.05
1160	29-Mar-10	12	4	\$39.11	Yes	\$74.16	\$35.05
1161	29-Mar-10	12	5	\$41.37	Yes	\$74.16	\$32.79
1162	29-Mar-10	12	6	\$44.30	Yes	\$74.16	\$29.86
1163	29-Mar-10	12	7	\$38.03	Yes	\$74.16	\$36.13
1164	29-Mar-10	12	8	\$37.04	Yes	\$74.16	\$37.12
1165	29-Mar-10	12	9	\$37.04	Yes	\$74.16	\$37.12
1166	29-Mar-10	12	10	\$37.08	Yes	\$74.16	\$37.08
1167	29-Mar-10	12	11	\$38.07	Yes	\$74.16	\$36.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	29-Mar-10	12	12	\$38.07	Yes	\$74.16	\$36.09
1169	29-Mar-10	13	1	\$50.53	Yes	\$74.16	\$23.63
1170	29-Mar-10	13	2	\$39.71	Yes	\$74.16	\$34.45
1171	29-Mar-10	13	3	\$38.22	Yes	\$74.16	\$35.94
1172	29-Mar-10	13	4	\$39.06	Yes	\$74.16	\$35.10
1173	29-Mar-10	13	5	\$39.06	Yes	\$74.16	\$35.10
1174	29-Mar-10	13	6	\$39.18	Yes	\$74.16	\$34.98
1175	29-Mar-10	13	7	\$46.08	Yes	\$74.16	\$28.08
1176	29-Mar-10	13	8	\$46.58	Yes	\$74.16	\$27.58
1177	29-Mar-10	13	9	\$47.29	Yes	\$74.16	\$26.87
1178	29-Mar-10	13	10	\$85.81	Yes	\$74.16	-\$11.65
1179	29-Mar-10	13	11	\$85.81	Yes	\$74.16	-\$11.65
1180	29-Mar-10	13	12	\$35.15	Yes	\$74.16	\$39.01
1181	29-Mar-10	14	1	\$38.06	Yes	\$74.16	\$36.10
1182	29-Mar-10	14	2	\$39.81	Yes	\$74.16	\$34.35
1183	29-Mar-10	14	3	\$38.06	Yes	\$74.16	\$36.10
1184	29-Mar-10	14	4	\$38.12	Yes	\$74.16	\$36.04
1185	29-Mar-10	14	5	\$38.12	Yes	\$74.16	\$36.04
1186	29-Mar-10	14	6	\$38.12	Yes	\$74.16	\$36.04
1187	29-Mar-10	14	7	\$37.91	Yes	\$74.16	\$36.25
1188	29-Mar-10	14	8	\$37.91	Yes	\$74.16	\$36.25
1189	29-Mar-10	14	9	\$37.45	Yes	\$74.16	\$36.71
1190	29-Mar-10	14	10	\$37.50	Yes	\$74.16	\$36.66
1191	29-Mar-10	14	11	\$37.50	Yes	\$74.16	\$36.66
1192	29-Mar-10	14	12	\$37.50	Yes	\$74.16	\$36.66
1193	29-Mar-10	15	1	\$37.20	Yes	\$74.16	\$36.96
1194	29-Mar-10	15	2	\$37.20	Yes	\$74.16	\$36.96
1195	29-Mar-10	15	3	\$37.20	Yes	\$74.16	\$36.96
1196	29-Mar-10	15	4	\$37.07	Yes	\$74.16	\$37.09
1197	29-Mar-10	15	5	\$37.07	Yes	\$74.16	\$37.09
1198	29-Mar-10	15	6	\$37.07	Yes	\$74.16	\$37.09
1199	29-Mar-10	15	7	\$37.02	Yes	\$74.16	\$37.14
1200	29-Mar-10	15	8	\$37.02	Yes	\$74.16	\$37.14
1201	29-Mar-10	15	9	\$37.02	Yes	\$74.16	\$37.14
1202	29-Mar-10	15	10	\$36.82	Yes	\$74.16	\$37.34
1203	29-Mar-10	15	11	\$36.82	Yes	\$74.16	\$37.34
1204	29-Mar-10	15	12	\$36.82	Yes	\$74.16	\$37.34
1205	29-Mar-10	16	1	\$37.27	Yes	\$74.16	\$36.89
1206	29-Mar-10	16	2	\$37.27	Yes	\$74.16	\$36.89
1207	29-Mar-10	16	3	\$37.27	Yes	\$74.16	\$36.89
1208	29-Mar-10	16	4	\$37.10	Yes	\$74.16	\$37.06
1209	29-Mar-10	16	5	\$37.10	Yes	\$74.16	\$37.06
1210	29-Mar-10	16	6	\$37.10	Yes	\$74.16	\$37.06
1211	29-Mar-10	16	7	\$36.83	Yes	\$74.16	\$37.33
1212	29-Mar-10	16	8	\$36.60	Yes	\$74.16	\$37.56

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	29-Mar-10	16	9	\$36.60	Yes	\$74.16	\$37.56
1214	29-Mar-10	16	10	\$36.40	Yes	\$74.16	\$37.76
1215	29-Mar-10	16	11	\$36.40	Yes	\$74.16	\$37.76
1216	29-Mar-10	16	12	\$36.40	Yes	\$74.16	\$37.76
1217	29-Mar-10	17	1	\$36.40	Yes	\$74.16	\$37.76
1218	29-Mar-10	17	2	\$36.40	Yes	\$74.16	\$37.76
1219	29-Mar-10	17	3	\$36.40	Yes	\$74.16	\$37.76
1220	29-Mar-10	17	4	\$35.37	Yes	\$74.16	\$38.79
1221	29-Mar-10	17	5	\$35.37	Yes	\$74.16	\$38.79
1222	29-Mar-10	17	6	\$36.30	Yes	\$74.16	\$37.86
1223	29-Mar-10	17	7	\$36.34	Yes	\$74.16	\$37.82
1224	29-Mar-10	17	8	\$36.34	Yes	\$74.16	\$37.82
1225	29-Mar-10	17	9	\$36.34	Yes	\$74.16	\$37.82
1226	29-Mar-10	17	10	\$37.39	Yes	\$74.16	\$36.77
1227	29-Mar-10	17	11	\$37.39	Yes	\$74.16	\$36.77
1228	29-Mar-10	17	12	\$37.39	Yes	\$74.16	\$36.77
1229	29-Mar-10	18	1	\$37.62	Yes	\$74.16	\$36.54
1230	29-Mar-10	18	2	\$37.62	Yes	\$74.16	\$36.54
1231	29-Mar-10	18	3	\$36.49	Yes	\$74.16	\$37.67
1232	29-Mar-10	20	5	\$35.37	Yes	\$74.16	\$38.79
1233	29-Mar-10	20	6	\$36.96	Yes	\$74.16	\$37.20
1234	29-Mar-10	20	7	\$38.24	Yes	\$74.16	\$35.92
1235	29-Mar-10	20	8	\$194.66	Yes	\$74.16	-\$120.50
1236	29-Mar-10	20	9	\$431.54	Yes	\$74.16	-\$357.38
1237	29-Mar-10	20	10	\$483.03	Yes	\$74.16	-\$408.87
1238	29-Mar-10	20	11	\$483.03	Yes	\$74.16	-\$408.87
1239	29-Mar-10	20	12	\$483.03	Yes	\$74.16	-\$408.87
1240	29-Mar-10	21	1	\$488.70	Yes	\$74.16	-\$414.54
1241	29-Mar-10	21	2	\$64.27	Yes	\$74.16	\$9.89
1242	29-Mar-10	21	3	\$41.74	Yes	\$74.16	\$32.42
1243	29-Mar-10	21	4	\$34.38	Yes	\$74.16	\$39.78
1244	29-Mar-10	21	5	\$34.38	Yes	\$74.16	\$39.78
1245	29-Mar-10	22	1	\$48.52	Yes	\$74.16	\$25.64
1246	29-Mar-10	22	2	\$48.52	Yes	\$74.16	\$25.64
1247	29-Mar-10	22	3	\$45.79	Yes	\$74.16	\$28.37
1248	29-Mar-10	22	4	\$43.19	Yes	\$74.16	\$30.97
1249	29-Mar-10	22	5	\$37.73	Yes	\$74.16	\$36.43
1250	29-Mar-10	22	6	\$40.06	Yes	\$74.16	\$34.10
1251	29-Mar-10	22	7	\$34.98	Yes	\$74.16	\$39.18
1252	29-Mar-10	22	8	\$34.98	Yes	\$74.16	\$39.18
1253	29-Mar-10	22	9	\$34.98	Yes	\$74.16	\$39.18
1254	29-Mar-10	22	10	\$30.55	Yes	\$74.16	\$43.61
1255	29-Mar-10	22	11	\$30.47	Yes	\$74.16	\$43.69
1256	29-Mar-10	22	12	\$30.47	Yes	\$74.16	\$43.69
1257	31-Mar-10	15	1	\$34.70	Yes	\$73.99	\$39.29

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	31-Mar-10	15	2	\$35.04	Yes	\$73.99	\$38.95
1259	31-Mar-10	15	3	\$35.04	Yes	\$73.99	\$38.95
1260	31-Mar-10	15	4	\$34.16	Yes	\$73.99	\$39.83
1261	31-Mar-10	15	5	\$34.16	Yes	\$73.99	\$39.83
1262	31-Mar-10	15	6	\$34.16	Yes	\$73.99	\$39.83
1263	31-Mar-10	15	7	\$32.93	Yes	\$73.99	\$41.06
1264	31-Mar-10	15	8	\$32.93	Yes	\$73.99	\$41.06
1265	31-Mar-10	15	9	\$32.93	Yes	\$73.99	\$41.06
1266	31-Mar-10	15	10	\$32.90	Yes	\$73.99	\$41.09
1267	31-Mar-10	15	11	\$32.90	Yes	\$73.99	\$41.09
1268	31-Mar-10	15	12	\$32.90	Yes	\$73.99	\$41.09
1269	31-Mar-10	16	1	\$31.11	Yes	\$73.99	\$42.88
1270	31-Mar-10	16	2	\$33.08	Yes	\$73.99	\$40.91
1271	31-Mar-10	16	3	\$30.63	Yes	\$73.99	\$43.36
1272	31-Mar-10	16	4	\$31.12	Yes	\$73.99	\$42.87
1273	31-Mar-10	16	5	\$30.68	Yes	\$73.99	\$43.31
1274	31-Mar-10	16	6	\$30.68	Yes	\$73.99	\$43.31
1275	31-Mar-10	16	7	\$33.80	Yes	\$73.99	\$40.19
1276	31-Mar-10	16	8	\$33.80	Yes	\$73.99	\$40.19
1277	31-Mar-10	16	9	\$32.96	Yes	\$73.99	\$41.03
1278	31-Mar-10	16	10	\$30.53	Yes	\$73.99	\$43.46
1279	31-Mar-10	16	11	\$30.09	Yes	\$73.99	\$43.90
1280	31-Mar-10	16	12	\$30.31	Yes	\$73.99	\$43.68
1281	31-Mar-10	23	8	\$34.31	Yes	\$73.99	\$39.68
1282	31-Mar-10	23	9	\$34.31	Yes	\$73.99	\$39.68
1283	31-Mar-10	23	10	\$27.25	Yes	\$73.99	\$46.74
1284	31-Mar-10	23	11	\$32.22	Yes	\$73.99	\$41.77
1285	31-Mar-10	23	12	\$26.58	Yes	\$73.99	\$47.41
1286	31-Mar-10	24	1	\$47.16	Yes	\$73.99	\$26.83
1287	31-Mar-10	24	2	\$47.16	Yes	\$73.99	\$26.83
1288	31-Mar-10	24	3	\$29.76	Yes	\$73.99	\$44.23
1289	31-Mar-10	24	4	\$19.04	Yes	\$73.99	\$54.95
1290	31-Mar-10	24	5	\$22.99	Yes	\$73.99	\$51.00
1291	31-Mar-10	24	6	\$25.99	Yes	\$73.99	\$48.00
1292	31-Mar-10	24	7	\$34.19	Yes	\$73.99	\$39.80
1293	31-Mar-10	24	8	\$33.53	Yes	\$73.99	\$40.46
1294	31-Mar-10	24	9	\$27.67	Yes	\$73.99	\$46.32
1295	31-Mar-10	24	10	\$27.77	Yes	\$73.99	\$46.22
1296	31-Mar-10	24	11	\$27.77	Yes	\$73.99	\$46.22
1297	31-Mar-10	24	12	\$25.38	Yes	\$73.99	\$48.61

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	2-Mar-10	6	1	\$31.98	Yes	\$47.14	\$15.16
2	2-Mar-10	6	2	\$33.59	Yes	\$47.14	\$13.55
3	2-Mar-10	6	3	\$34.58	Yes	\$47.14	\$12.56
4	2-Mar-10	6	4	\$34.83	Yes	\$47.14	\$12.31
5	2-Mar-10	6	5	\$34.83	Yes	\$47.14	\$12.31
6	2-Mar-10	6	6	\$37.29	Yes	\$47.14	\$9.85
7	2-Mar-10	6	7	\$37.74	Yes	\$47.14	\$9.40
8	2-Mar-10	6	8	\$40.99	Yes	\$47.14	\$6.15
9	2-Mar-10	6	9	\$42.49	Yes	\$47.14	\$4.65
10	2-Mar-10	6	10	\$43.87	Yes	\$47.14	\$3.27
11	2-Mar-10	6	11	\$43.87	Yes	\$47.14	\$3.27
12	2-Mar-10	6	12	\$42.57	Yes	\$47.14	\$4.57
13	2-Mar-10	7	1	\$32.04	Yes	\$47.14	\$15.10
14	2-Mar-10	7	2	\$32.78	Yes	\$47.14	\$14.36
15	2-Mar-10	7	3	\$33.07	Yes	\$47.14	\$14.07
16	2-Mar-10	7	4	\$35.08	Yes	\$47.14	\$12.06
17	2-Mar-10	7	5	\$35.88	Yes	\$47.14	\$11.26
18	2-Mar-10	7	6	\$35.40	Yes	\$47.14	\$11.74
19	2-Mar-10	7	7	\$36.34	Yes	\$47.14	\$10.80
20	2-Mar-10	7	8	\$36.50	Yes	\$47.14	\$10.64
21	2-Mar-10	7	9	\$38.00	Yes	\$47.14	\$9.14
22	2-Mar-10	7	10	\$38.20	Yes	\$47.14	\$8.94
23	2-Mar-10	7	11	\$40.32	Yes	\$47.14	\$6.82
24	2-Mar-10	7	12	\$42.33	Yes	\$47.14	\$4.81
25	2-Mar-10	8	1	\$36.44	Yes	\$47.14	\$10.70
26	2-Mar-10	8	2	\$36.67	Yes	\$47.14	\$10.47
27	2-Mar-10	8	3	\$37.95	Yes	\$47.14	\$9.19
28	2-Mar-10	8	4	\$37.74	Yes	\$47.14	\$9.40
29	2-Mar-10	8	5	\$39.14	Yes	\$47.14	\$8.00
30	2-Mar-10	8	6	\$42.27	Yes	\$47.14	\$4.87
31	2-Mar-10	8	7	\$42.31	Yes	\$47.14	\$4.83
32	2-Mar-10	8	8	\$43.36	Yes	\$47.14	\$3.78
33	2-Mar-10	8	9	\$43.36	Yes	\$47.14	\$3.78
34	2-Mar-10	8	10	\$43.51	Yes	\$47.14	\$3.63
35	2-Mar-10	8	11	\$43.51	Yes	\$47.14	\$3.63
36	2-Mar-10	8	12	\$43.51	Yes	\$47.14	\$3.63
37	2-Mar-10	9	1	\$37.76	Yes	\$47.14	\$9.38
38	2-Mar-10	9	2	\$37.76	Yes	\$47.14	\$9.38
39	2-Mar-10	9	3	\$38.33	Yes	\$47.14	\$8.81
40	2-Mar-10	9	4	\$38.37	Yes	\$47.14	\$8.77
41	2-Mar-10	9	5	\$38.97	Yes	\$47.14	\$8.17
42	2-Mar-10	9	6	\$42.56	Yes	\$47.14	\$4.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	2-Mar-10	9	7	\$42.59	Yes	\$47.14	\$4.55
44	2-Mar-10	9	8	\$43.60	Yes	\$47.14	\$3.54
45	2-Mar-10	9	9	\$43.60	Yes	\$47.14	\$3.54
46	2-Mar-10	9	10	\$43.61	Yes	\$47.14	\$3.53
47	2-Mar-10	9	11	\$45.75	Yes	\$47.14	\$1.39
48	2-Mar-10	9	12	\$45.18	Yes	\$47.14	\$1.96
49	2-Mar-10	10	1	\$43.71	Yes	\$47.14	\$3.43
50	2-Mar-10	10	2	\$43.71	Yes	\$47.14	\$3.43
51	2-Mar-10	10	3	\$43.71	Yes	\$47.14	\$3.43
52	2-Mar-10	10	4	\$43.68	Yes	\$47.14	\$3.46
53	2-Mar-10	10	5	\$43.68	Yes	\$47.14	\$3.46
54	2-Mar-10	10	6	\$43.68	Yes	\$47.14	\$3.46
55	2-Mar-10	10	7	\$43.62	Yes	\$47.14	\$3.52
56	2-Mar-10	10	8	\$43.62	Yes	\$47.14	\$3.52
57	2-Mar-10	10	9	\$43.62	Yes	\$47.14	\$3.52
58	2-Mar-10	10	10	\$43.68	Yes	\$47.14	\$3.46
59	2-Mar-10	10	11	\$43.68	Yes	\$47.14	\$3.46
60	2-Mar-10	10	12	\$43.68	Yes	\$47.14	\$3.46
61	2-Mar-10	11	1	\$42.81	Yes	\$47.14	\$4.33
62	2-Mar-10	11	2	\$42.81	Yes	\$47.14	\$4.33
63	2-Mar-10	11	3	\$42.81	Yes	\$47.14	\$4.33
64	2-Mar-10	11	4	\$42.87	Yes	\$47.14	\$4.27
65	2-Mar-10	11	5	\$42.87	Yes	\$47.14	\$4.27
66	2-Mar-10	11	6	\$42.87	Yes	\$47.14	\$4.27
67	2-Mar-10	11	7	\$38.67	Yes	\$47.14	\$8.47
68	2-Mar-10	11	8	\$39.14	Yes	\$47.14	\$8.00
69	2-Mar-10	11	9	\$38.67	Yes	\$47.14	\$8.47
70	2-Mar-10	11	10	\$42.96	Yes	\$47.14	\$4.18
71	2-Mar-10	11	11	\$42.96	Yes	\$47.14	\$4.18
72	2-Mar-10	11	12	\$43.98	Yes	\$47.14	\$3.16
73	2-Mar-10	12	1	\$42.94	Yes	\$47.14	\$4.20
74	2-Mar-10	12	2	\$42.94	Yes	\$47.14	\$4.20
75	2-Mar-10	12	3	\$44.01	Yes	\$47.14	\$3.13
76	2-Mar-10	12	4	\$43.99	Yes	\$47.14	\$3.15
77	2-Mar-10	12	5	\$43.99	Yes	\$47.14	\$3.15
78	2-Mar-10	12	6	\$43.99	Yes	\$47.14	\$3.15
79	2-Mar-10	12	7	\$43.97	Yes	\$47.14	\$3.17
80	2-Mar-10	12	8	\$42.96	Yes	\$47.14	\$4.18
81	2-Mar-10	12	9	\$42.96	Yes	\$47.14	\$4.18
82	2-Mar-10	12	10	\$42.97	Yes	\$47.14	\$4.17
83	2-Mar-10	12	11	\$39.21	Yes	\$47.14	\$7.93
84	2-Mar-10	12	12	\$38.77	Yes	\$47.14	\$8.37
85	2-Mar-10	13	1	\$42.91	Yes	\$47.14	\$4.23
86	2-Mar-10	13	2	\$39.14	Yes	\$47.14	\$8.00
87	2-Mar-10	13	3	\$39.55	Yes	\$47.14	\$7.59



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	2-Mar-10	13	4	\$38.70	Yes	\$47.14	\$8.44
89	2-Mar-10	13	5	\$38.70	Yes	\$47.14	\$8.44
90	2-Mar-10	13	6	\$38.70	Yes	\$47.14	\$8.44
91	2-Mar-10	13	7	\$38.49	Yes	\$47.14	\$8.65
92	2-Mar-10	13	8	\$38.33	Yes	\$47.14	\$8.81
93	2-Mar-10	13	9	\$38.33	Yes	\$47.14	\$8.81
94	2-Mar-10	13	10	\$38.33	Yes	\$47.14	\$8.81
95	2-Mar-10	13	11	\$38.33	Yes	\$47.14	\$8.81
96	2-Mar-10	13	12	\$38.33	Yes	\$47.14	\$8.81
97	2-Mar-10	14	1	\$38.62	Yes	\$47.14	\$8.52
98	2-Mar-10	14	2	\$39.12	Yes	\$47.14	\$8.02
99	2-Mar-10	14	3	\$39.52	Yes	\$47.14	\$7.62
100	2-Mar-10	14	4	\$38.47	Yes	\$47.14	\$8.67
101	2-Mar-10	14	5	\$38.47	Yes	\$47.14	\$8.67
102	2-Mar-10	14	6	\$38.47	Yes	\$47.14	\$8.67
103	2-Mar-10	14	7	\$38.45	Yes	\$47.14	\$8.69
104	2-Mar-10	14	8	\$38.45	Yes	\$47.14	\$8.69
105	2-Mar-10	14	9	\$38.27	Yes	\$47.14	\$8.87
106	2-Mar-10	14	10	\$38.37	Yes	\$47.14	\$8.77
107	2-Mar-10	14	11	\$38.37	Yes	\$47.14	\$8.77
108	2-Mar-10	14	12	\$38.37	Yes	\$47.14	\$8.77
109	2-Mar-10	15	1	\$38.27	Yes	\$47.14	\$8.87
110	2-Mar-10	15	2	\$38.18	Yes	\$47.14	\$8.96
111	2-Mar-10	15	3	\$37.03	Yes	\$47.14	\$10.11
112	2-Mar-10	15	4	\$37.03	Yes	\$47.14	\$10.11
113	2-Mar-10	15	5	\$37.03	Yes	\$47.14	\$10.11
114	2-Mar-10	15	6	\$37.03	Yes	\$47.14	\$10.11
115	2-Mar-10	15	7	\$37.03	Yes	\$47.14	\$10.11
116	2-Mar-10	15	8	\$35.50	Yes	\$47.14	\$11.64
117	2-Mar-10	15	9	\$36.40	Yes	\$47.14	\$10.74
118	2-Mar-10	15	10	\$37.64	Yes	\$47.14	\$9.50
119	2-Mar-10	15	11	\$37.64	Yes	\$47.14	\$9.50
120	2-Mar-10	15	12	\$37.95	Yes	\$47.14	\$9.19
121	2-Mar-10	16	1	\$38.25	Yes	\$47.14	\$8.89
122	2-Mar-10	16	2	\$39.43	Yes	\$47.14	\$7.71
123	2-Mar-10	16	3	\$42.50	Yes	\$47.14	\$4.64
124	2-Mar-10	16	4	\$43.97	Yes	\$47.14	\$3.17
125	2-Mar-10	16	5	\$43.97	Yes	\$47.14	\$3.17
126	2-Mar-10	16	6	\$43.97	Yes	\$47.14	\$3.17
127	2-Mar-10	16	7	\$39.09	Yes	\$47.14	\$8.05
128	2-Mar-10	16	8	\$38.49	Yes	\$47.14	\$8.65
129	2-Mar-10	16	9	\$38.49	Yes	\$47.14	\$8.65
130	2-Mar-10	16	10	\$38.38	Yes	\$47.14	\$8.76
131	2-Mar-10	16	11	\$38.52	Yes	\$47.14	\$8.62
132	2-Mar-10	16	12	\$38.38	Yes	\$47.14	\$8.76

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	2-Mar-10	17	1	\$36.27	Yes	\$47.14	\$10.87
134	2-Mar-10	17	2	\$36.27	Yes	\$47.14	\$10.87
135	2-Mar-10	17	3	\$36.27	Yes	\$47.14	\$10.87
136	2-Mar-10	17	4	\$37.10	Yes	\$47.14	\$10.04
137	2-Mar-10	17	5	\$37.37	Yes	\$47.14	\$9.77
138	2-Mar-10	17	6	\$37.37	Yes	\$47.14	\$9.77
139	2-Mar-10	17	7	\$37.38	Yes	\$47.14	\$9.76
140	2-Mar-10	17	8	\$37.38	Yes	\$47.14	\$9.76
141	2-Mar-10	17	9	\$37.38	Yes	\$47.14	\$9.76
142	2-Mar-10	17	10	\$37.39	Yes	\$47.14	\$9.75
143	2-Mar-10	17	11	\$37.39	Yes	\$47.14	\$9.75
144	2-Mar-10	17	12	\$36.54	Yes	\$47.14	\$10.60
145	2-Mar-10	18	1	\$36.99	Yes	\$47.14	\$10.15
146	2-Mar-10	18	2	\$36.11	Yes	\$47.14	\$11.03
147	2-Mar-10	18	3	\$34.57	Yes	\$47.14	\$12.57
148	2-Mar-10	18	4	\$34.69	Yes	\$47.14	\$12.45
149	2-Mar-10	18	5	\$34.73	Yes	\$47.14	\$12.41
150	2-Mar-10	18	6	\$34.99	Yes	\$47.14	\$12.15
151	2-Mar-10	18	7	\$36.24	Yes	\$47.14	\$10.90
152	2-Mar-10	18	8	\$37.37	Yes	\$47.14	\$9.77
153	2-Mar-10	18	9	\$37.37	Yes	\$47.14	\$9.77
154	2-Mar-10	18	10	\$42.95	Yes	\$47.14	\$4.19
155	2-Mar-10	18	11	\$42.97	Yes	\$47.14	\$4.17
156	2-Mar-10	18	12	\$42.98	Yes	\$47.14	\$4.16
157	2-Mar-10	19	1	\$44.61	Yes	\$47.14	\$2.53
158	2-Mar-10	19	2	\$44.62	Yes	\$47.14	\$2.52
159	2-Mar-10	19	3	\$44.62	Yes	\$47.14	\$2.52
160	2-Mar-10	19	4	\$48.25	Yes	\$47.14	-\$1.11
161	2-Mar-10	19	5	\$44.56	Yes	\$47.14	\$2.58
162	2-Mar-10	19	6	\$48.51	Yes	\$47.14	-\$1.37
163	2-Mar-10	19	7	\$54.01	Yes	\$47.14	-\$6.87
164	2-Mar-10	19	8	\$56.83	Yes	\$47.14	-\$9.69
165	2-Mar-10	19	9	\$56.83	Yes	\$47.14	-\$9.69
166	2-Mar-10	19	10	\$50.13	Yes	\$47.14	-\$2.99
167	2-Mar-10	19	11	\$48.51	Yes	\$47.14	-\$1.37
168	2-Mar-10	19	12	\$44.53	Yes	\$47.14	\$2.61
169	2-Mar-10	20	1	\$53.96	Yes	\$47.14	-\$6.82
170	2-Mar-10	20	2	\$48.51	Yes	\$47.14	-\$1.37
171	2-Mar-10	20	3	\$48.51	Yes	\$47.14	-\$1.37
172	2-Mar-10	20	4	\$42.94	Yes	\$47.14	\$4.20
173	2-Mar-10	20	5	\$42.95	Yes	\$47.14	\$4.19
174	2-Mar-10	20	6	\$42.94	Yes	\$47.14	\$4.20
175	2-Mar-10	20	7	\$42.95	Yes	\$47.14	\$4.19
176	2-Mar-10	20	8	\$42.95	Yes	\$47.14	\$4.19
177	2-Mar-10	20	9	\$42.94	Yes	\$47.14	\$4.20

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	2-Mar-10	20	10	\$43.00	Yes	\$47.14	\$4.14
179	2-Mar-10	20	11	\$42.93	Yes	\$47.14	\$4.21
180	2-Mar-10	20	12	\$42.93	Yes	\$47.14	\$4.21
181	2-Mar-10	21	1	\$43.08	Yes	\$47.14	\$4.06
182	2-Mar-10	21	2	\$43.08	Yes	\$47.14	\$4.06
183	2-Mar-10	21	3	\$43.06	Yes	\$47.14	\$4.08
184	2-Mar-10	21	4	\$42.94	Yes	\$47.14	\$4.20
185	2-Mar-10	21	5	\$43.02	Yes	\$47.14	\$4.12
186	2-Mar-10	21	6	\$684.39	Yes	\$47.14	-\$637.25
187	2-Mar-10	21	7	\$401.86	Yes	\$47.14	-\$354.72
188	2-Mar-10	21	8	\$50.21	Yes	\$47.14	-\$3.07
189	2-Mar-10	21	9	\$44.37	Yes	\$47.14	\$2.77
190	2-Mar-10	21	10	\$42.93	Yes	\$47.14	\$4.21
191	2-Mar-10	21	11	\$42.93	Yes	\$47.14	\$4.21
192	2-Mar-10	21	12	\$42.89	Yes	\$47.14	\$4.25
193	2-Mar-10	22	1	\$56.06	Yes	\$47.14	-\$8.92
194	2-Mar-10	22	2	\$50.23	Yes	\$47.14	-\$3.09
195	2-Mar-10	22	3	\$45.08	Yes	\$47.14	\$2.06
196	2-Mar-10	22	4	\$42.87	Yes	\$47.14	\$4.27
197	2-Mar-10	22	5	\$42.85	Yes	\$47.14	\$4.29
198	2-Mar-10	22	6	\$40.19	Yes	\$47.14	\$6.95
199	2-Mar-10	22	7	\$37.22	Yes	\$47.14	\$9.92
200	2-Mar-10	22	8	\$37.22	Yes	\$47.14	\$9.92
201	2-Mar-10	22	9	\$36.36	Yes	\$47.14	\$10.78
202	2-Mar-10	22	10	\$35.94	Yes	\$47.14	\$11.20
203	2-Mar-10	22	11	\$35.67	Yes	\$47.14	\$11.47
204	2-Mar-10	22	12	\$33.10	Yes	\$47.14	\$14.04
205	2-Mar-10	23	1	\$48.48	Yes	\$47.14	-\$1.34
206	2-Mar-10	23	2	\$48.48	Yes	\$47.14	-\$1.34
207	2-Mar-10	23	3	\$42.83	Yes	\$47.14	\$4.31
208	2-Mar-10	23	4	\$42.74	Yes	\$47.14	\$4.40
209	2-Mar-10	23	5	\$40.84	Yes	\$47.14	\$6.30
210	2-Mar-10	23	6	\$39.36	Yes	\$47.14	\$7.78
211	2-Mar-10	23	7	\$37.10	Yes	\$47.14	\$10.04
212	2-Mar-10	23	8	\$36.94	Yes	\$47.14	\$10.20
213	2-Mar-10	23	9	\$36.83	Yes	\$47.14	\$10.31
214	2-Mar-10	23	10	\$34.50	Yes	\$47.14	\$12.64
215	2-Mar-10	23	11	\$33.97	Yes	\$47.14	\$13.17
216	2-Mar-10	23	12	\$33.97	Yes	\$47.14	\$13.17
217	2-Mar-10	24	1	\$42.50	Yes	\$47.14	\$4.64
218	2-Mar-10	24	2	\$41.08	Yes	\$47.14	\$6.06
219	2-Mar-10	24	3	\$37.02	Yes	\$47.14	\$10.12
220	2-Mar-10	24	4	\$36.96	Yes	\$47.14	\$10.18
221	2-Mar-10	24	5	\$36.96	Yes	\$47.14	\$10.18
222	2-Mar-10	24	6	\$36.96	Yes	\$47.14	\$10.18

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	2-Mar-10	24	7	\$34.45	Yes	\$47.14	\$12.69
224	2-Mar-10	24	8	\$34.20	Yes	\$47.14	\$12.94
225	2-Mar-10	24	9	\$33.77	Yes	\$47.14	\$13.37
226	2-Mar-10	24	10	\$33.31	Yes	\$47.14	\$13.83
227	2-Mar-10	24	11	\$31.24	Yes	\$47.14	\$15.90
228	2-Mar-10	24	12	\$30.72	Yes	\$47.14	\$16.42
229	12-Mar-10	5	1	\$31.86	Yes	\$45.44	\$13.58
230	12-Mar-10	5	2	\$31.86	Yes	\$45.44	\$13.58
231	12-Mar-10	5	3	\$32.34	Yes	\$45.44	\$13.10
232	12-Mar-10	5	4	\$32.26	Yes	\$45.44	\$13.18
233	12-Mar-10	5	5	\$32.26	Yes	\$45.44	\$13.18
234	12-Mar-10	5	6	\$32.26	Yes	\$45.44	\$13.18
235	12-Mar-10	5	7	\$32.55	Yes	\$45.44	\$12.89
236	12-Mar-10	5	8	\$32.38	Yes	\$45.44	\$13.06
237	12-Mar-10	5	9	\$32.38	Yes	\$45.44	\$13.06
238	12-Mar-10	5	10	\$32.93	Yes	\$45.44	\$12.51
239	12-Mar-10	5	11	\$34.18	Yes	\$45.44	\$11.26
240	12-Mar-10	5	12	\$35.22	Yes	\$45.44	\$10.22
241	12-Mar-10	6	1	\$29.73	Yes	\$45.44	\$15.71
242	12-Mar-10	6	2	\$29.73	Yes	\$45.44	\$15.71
243	12-Mar-10	6	3	\$32.36	Yes	\$45.44	\$13.08
244	12-Mar-10	6	4	\$32.25	Yes	\$45.44	\$13.19
245	12-Mar-10	6	5	\$35.24	Yes	\$45.44	\$10.20
246	12-Mar-10	6	6	\$33.40	Yes	\$45.44	\$12.04
247	12-Mar-10	6	7	\$35.27	Yes	\$45.44	\$10.17
248	12-Mar-10	6	8	\$35.90	Yes	\$45.44	\$9.54
249	12-Mar-10	6	9	\$49.01	Yes	\$45.44	-\$3.57
250	12-Mar-10	6	10	\$49.11	Yes	\$45.44	-\$3.67
251	12-Mar-10	6	11	\$47.34	Yes	\$45.44	-\$1.90
252	12-Mar-10	6	12	\$49.11	Yes	\$45.44	-\$3.67
253	12-Mar-10	7	1	\$30.11	Yes	\$45.44	\$15.33
254	12-Mar-10	7	2	\$32.77	Yes	\$45.44	\$12.67
255	12-Mar-10	7	3	\$33.00	Yes	\$45.44	\$12.44
256	12-Mar-10	7	4	\$35.13	Yes	\$45.44	\$10.31
257	12-Mar-10	7	5	\$35.67	Yes	\$45.44	\$9.77
258	12-Mar-10	7	6	\$40.11	Yes	\$45.44	\$5.33
259	12-Mar-10	7	7	\$42.54	Yes	\$45.44	\$2.90
260	12-Mar-10	7	8	\$42.54	Yes	\$45.44	\$2.90
261	12-Mar-10	7	9	\$42.91	Yes	\$45.44	\$2.53
262	12-Mar-10	7	10	\$48.39	Yes	\$45.44	-\$2.95
263	12-Mar-10	7	11	\$49.28	Yes	\$45.44	-\$3.84
264	12-Mar-10	7	12	\$50.92	Yes	\$45.44	-\$5.48
265	12-Mar-10	8	1	\$47.59	Yes	\$45.44	-\$2.15
266	12-Mar-10	8	2	\$47.89	Yes	\$45.44	-\$2.45
267	12-Mar-10	8	3	\$42.53	Yes	\$45.44	\$2.91

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	12-Mar-10	8	4	\$43.96	Yes	\$45.44	\$1.48
269	12-Mar-10	8	5	\$49.10	Yes	\$45.44	-\$3.66
270	12-Mar-10	8	6	\$48.39	Yes	\$45.44	-\$2.95
271	12-Mar-10	8	7	\$48.41	Yes	\$45.44	-\$2.97
272	12-Mar-10	8	8	\$48.41	Yes	\$45.44	-\$2.97
273	12-Mar-10	8	9	\$48.00	Yes	\$45.44	-\$2.56
274	12-Mar-10	8	10	\$49.18	Yes	\$45.44	-\$3.74
275	12-Mar-10	8	11	\$49.18	Yes	\$45.44	-\$3.74
276	12-Mar-10	8	12	\$49.18	Yes	\$45.44	-\$3.74
277	12-Mar-10	9	1	\$48.01	Yes	\$45.44	-\$2.57
278	12-Mar-10	9	2	\$47.81	Yes	\$45.44	-\$2.37
279	12-Mar-10	9	3	\$47.81	Yes	\$45.44	-\$2.37
280	12-Mar-10	9	4	\$48.07	Yes	\$45.44	-\$2.63
281	12-Mar-10	9	5	\$48.07	Yes	\$45.44	-\$2.63
282	12-Mar-10	9	6	\$48.32	Yes	\$45.44	-\$2.88
283	12-Mar-10	9	7	\$45.67	Yes	\$45.44	-\$0.23
284	12-Mar-10	9	8	\$46.37	Yes	\$45.44	-\$0.93
285	12-Mar-10	9	9	\$44.94	Yes	\$45.44	\$0.50
286	12-Mar-10	9	10	\$44.02	Yes	\$45.44	\$1.42
287	12-Mar-10	9	11	\$44.69	Yes	\$45.44	\$0.75
288	12-Mar-10	9	12	\$42.64	Yes	\$45.44	\$2.80
289	12-Mar-10	10	1	\$39.47	Yes	\$45.44	\$5.97
290	12-Mar-10	10	2	\$39.57	Yes	\$45.44	\$5.87
291	12-Mar-10	10	3	\$38.06	Yes	\$45.44	\$7.38
292	12-Mar-10	10	4	\$40.00	Yes	\$45.44	\$5.44
293	12-Mar-10	10	5	\$42.82	Yes	\$45.44	\$2.62
294	12-Mar-10	10	6	\$42.82	Yes	\$45.44	\$2.62
295	12-Mar-10	10	7	\$43.68	Yes	\$45.44	\$1.76
296	12-Mar-10	10	8	\$47.89	Yes	\$45.44	-\$2.45
297	12-Mar-10	10	9	\$46.36	Yes	\$45.44	-\$0.92
298	12-Mar-10	10	10	\$49.56	Yes	\$45.44	-\$4.12
299	12-Mar-10	10	11	\$47.55	Yes	\$45.44	-\$2.11
300	12-Mar-10	10	12	\$45.67	Yes	\$45.44	-\$0.23
301	12-Mar-10	11	1	\$47.98	Yes	\$45.44	-\$2.54
302	12-Mar-10	11	2	\$44.71	Yes	\$45.44	\$0.73
303	12-Mar-10	11	3	\$44.71	Yes	\$45.44	\$0.73
304	12-Mar-10	11	4	\$45.00	Yes	\$45.44	\$0.44
305	12-Mar-10	11	5	\$44.72	Yes	\$45.44	\$0.72
306	12-Mar-10	11	6	\$44.72	Yes	\$45.44	\$0.72
307	12-Mar-10	11	7	\$44.76	Yes	\$45.44	\$0.68
308	12-Mar-10	11	8	\$48.48	Yes	\$45.44	-\$3.04
309	12-Mar-10	11	9	\$46.36	Yes	\$45.44	-\$0.92
310	12-Mar-10	11	10	\$46.91	Yes	\$45.44	-\$1.47
311	12-Mar-10	11	11	\$45.78	Yes	\$45.44	-\$0.34
312	12-Mar-10	11	12	\$45.65	Yes	\$45.44	-\$0.21

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	12-Mar-10	12	1	\$48.13	Yes	\$45.44	-\$2.69
314	12-Mar-10	12	2	\$46.36	Yes	\$45.44	-\$0.92
315	12-Mar-10	12	3	\$46.36	Yes	\$45.44	-\$0.92
316	12-Mar-10	12	4	\$45.73	Yes	\$45.44	-\$0.29
317	12-Mar-10	12	5	\$45.73	Yes	\$45.44	-\$0.29
318	12-Mar-10	12	6	\$45.68	Yes	\$45.44	-\$0.24
319	12-Mar-10	12	7	\$48.28	Yes	\$45.44	-\$2.84
320	12-Mar-10	12	8	\$46.35	Yes	\$45.44	-\$0.91
321	12-Mar-10	12	9	\$48.45	Yes	\$45.44	-\$3.01
322	12-Mar-10	12	10	\$48.01	Yes	\$45.44	-\$2.57
323	12-Mar-10	12	11	\$47.96	Yes	\$45.44	-\$2.52
324	12-Mar-10	12	12	\$45.65	Yes	\$45.44	-\$0.21
325	12-Mar-10	13	1	\$49.33	Yes	\$45.44	-\$3.89
326	12-Mar-10	13	2	\$48.26	Yes	\$45.44	-\$2.82
327	12-Mar-10	13	3	\$48.00	Yes	\$45.44	-\$2.56
328	12-Mar-10	13	4	\$47.76	Yes	\$45.44	-\$2.32
329	12-Mar-10	13	5	\$47.76	Yes	\$45.44	-\$2.32
330	12-Mar-10	13	6	\$47.76	Yes	\$45.44	-\$2.32
331	12-Mar-10	13	7	\$47.82	Yes	\$45.44	-\$2.38
332	12-Mar-10	13	8	\$46.37	Yes	\$45.44	-\$0.93
333	12-Mar-10	13	9	\$46.23	Yes	\$45.44	-\$0.79
334	12-Mar-10	13	10	\$47.12	Yes	\$45.44	-\$1.68
335	12-Mar-10	13	11	\$46.24	Yes	\$45.44	-\$0.80
336	12-Mar-10	13	12	\$44.87	Yes	\$45.44	\$0.57
337	12-Mar-10	14	1	\$47.55	Yes	\$45.44	-\$2.11
338	12-Mar-10	14	2	\$47.55	Yes	\$45.44	-\$2.11
339	12-Mar-10	14	3	\$46.24	Yes	\$45.44	-\$0.80
340	12-Mar-10	14	4	\$46.22	Yes	\$45.44	-\$0.78
341	12-Mar-10	14	5	\$45.68	Yes	\$45.44	-\$0.24
342	12-Mar-10	14	6	\$45.68	Yes	\$45.44	-\$0.24
343	12-Mar-10	14	7	\$45.58	Yes	\$45.44	-\$0.14
344	12-Mar-10	14	8	\$44.88	Yes	\$45.44	\$0.56
345	12-Mar-10	14	9	\$44.91	Yes	\$45.44	\$0.53
346	12-Mar-10	14	10	\$44.92	Yes	\$45.44	\$0.52
347	12-Mar-10	14	11	\$44.86	Yes	\$45.44	\$0.58
348	12-Mar-10	14	12	\$42.59	Yes	\$45.44	\$2.85
349	12-Mar-10	15	1	\$44.95	Yes	\$45.44	\$0.49
350	12-Mar-10	15	2	\$45.44	Yes	\$45.44	\$0.00
351	12-Mar-10	15	3	\$44.57	Yes	\$45.44	\$0.87
352	12-Mar-10	15	4	\$45.66	Yes	\$45.44	-\$0.22
353	12-Mar-10	15	5	\$45.42	Yes	\$45.44	\$0.02
354	12-Mar-10	15	6	\$45.42	Yes	\$45.44	\$0.02
355	12-Mar-10	15	7	\$39.40	Yes	\$45.44	\$6.04
356	12-Mar-10	15	8	\$37.23	Yes	\$45.44	\$8.21
357	12-Mar-10	15	9	\$37.22	Yes	\$45.44	\$8.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	12-Mar-10	15	10	\$39.45	Yes	\$45.44	\$5.99
359	12-Mar-10	15	11	\$39.45	Yes	\$45.44	\$5.99
360	12-Mar-10	15	12	\$39.45	Yes	\$45.44	\$5.99
361	12-Mar-10	16	1	\$39.36	Yes	\$45.44	\$6.08
362	12-Mar-10	16	2	\$39.40	Yes	\$45.44	\$6.04
363	12-Mar-10	16	3	\$39.40	Yes	\$45.44	\$6.04
364	12-Mar-10	16	4	\$42.67	Yes	\$45.44	\$2.77
365	12-Mar-10	16	5	\$42.67	Yes	\$45.44	\$2.77
366	12-Mar-10	16	6	\$42.67	Yes	\$45.44	\$2.77
367	12-Mar-10	16	7	\$47.50	Yes	\$45.44	-\$2.06
368	12-Mar-10	16	8	\$45.78	Yes	\$45.44	-\$0.34
369	12-Mar-10	16	9	\$44.60	Yes	\$45.44	\$0.84
370	12-Mar-10	16	10	\$45.78	Yes	\$45.44	-\$0.34
371	12-Mar-10	16	11	\$44.48	Yes	\$45.44	\$0.96
372	12-Mar-10	16	12	\$39.45	Yes	\$45.44	\$5.99
373	12-Mar-10	17	1	\$35.56	Yes	\$45.44	\$9.88
374	12-Mar-10	17	2	\$35.56	Yes	\$45.44	\$9.88
375	12-Mar-10	17	3	\$32.74	Yes	\$45.44	\$12.70
376	12-Mar-10	17	4	\$34.60	Yes	\$45.44	\$10.84
377	12-Mar-10	17	5	\$34.86	Yes	\$45.44	\$10.58
378	12-Mar-10	17	6	\$34.86	Yes	\$45.44	\$10.58
379	12-Mar-10	17	7	\$35.08	Yes	\$45.44	\$10.36
380	12-Mar-10	17	8	\$35.55	Yes	\$45.44	\$9.89
381	12-Mar-10	17	9	\$42.07	Yes	\$45.44	\$3.37
382	12-Mar-10	17	10	\$42.07	Yes	\$45.44	\$3.37
383	12-Mar-10	17	11	\$42.62	Yes	\$45.44	\$2.82
384	12-Mar-10	17	12	\$47.66	Yes	\$45.44	-\$2.22
385	12-Mar-10	18	1	\$39.37	Yes	\$45.44	\$6.07
386	12-Mar-10	18	2	\$37.71	Yes	\$45.44	\$7.73
387	12-Mar-10	18	3	\$36.76	Yes	\$45.44	\$8.68
388	12-Mar-10	18	4	\$35.56	Yes	\$45.44	\$9.88
389	12-Mar-10	18	5	\$35.51	Yes	\$45.44	\$9.93
390	12-Mar-10	18	6	\$35.56	Yes	\$45.44	\$9.88
391	12-Mar-10	18	7	\$35.63	Yes	\$45.44	\$9.81
392	12-Mar-10	18	8	\$37.65	Yes	\$45.44	\$7.79
393	12-Mar-10	18	9	\$37.66	Yes	\$45.44	\$7.78
394	12-Mar-10	18	10	\$45.66	Yes	\$45.44	-\$0.22
395	12-Mar-10	18	11	\$46.36	Yes	\$45.44	-\$0.92
396	12-Mar-10	18	12	\$46.36	Yes	\$45.44	-\$0.92
397	12-Mar-10	19	1	\$39.52	Yes	\$45.44	\$5.92
398	12-Mar-10	19	2	\$39.36	Yes	\$45.44	\$6.08
399	12-Mar-10	19	3	\$39.68	Yes	\$45.44	\$5.76
400	12-Mar-10	19	4	\$39.63	Yes	\$45.44	\$5.81
401	12-Mar-10	19	5	\$40.90	Yes	\$45.44	\$4.54
402	12-Mar-10	19	6	\$42.76	Yes	\$45.44	\$2.68

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	12-Mar-10	19	7	\$45.29	Yes	\$45.44	\$0.15
404	12-Mar-10	19	8	\$45.65	Yes	\$45.44	-\$0.21
405	12-Mar-10	19	9	\$46.34	Yes	\$45.44	-\$0.90
406	12-Mar-10	19	10	\$45.21	Yes	\$45.44	\$0.23
407	12-Mar-10	19	11	\$43.44	Yes	\$45.44	\$2.00
408	12-Mar-10	19	12	\$45.21	Yes	\$45.44	\$0.23
409	12-Mar-10	20	1	\$49.20	Yes	\$45.44	-\$3.76
410	12-Mar-10	20	2	\$49.20	Yes	\$45.44	-\$3.76
411	12-Mar-10	20	3	\$48.74	Yes	\$45.44	-\$3.30
412	12-Mar-10	20	4	\$47.97	Yes	\$45.44	-\$2.53
413	12-Mar-10	20	5	\$46.35	Yes	\$45.44	-\$0.91
414	12-Mar-10	20	6	\$44.95	Yes	\$45.44	\$0.49
415	12-Mar-10	20	7	\$45.65	Yes	\$45.44	-\$0.21
416	12-Mar-10	20	8	\$45.11	Yes	\$45.44	\$0.33
417	12-Mar-10	20	9	\$42.70	Yes	\$45.44	\$2.74
418	12-Mar-10	20	10	\$39.20	Yes	\$45.44	\$6.24
419	12-Mar-10	20	11	\$38.37	Yes	\$45.44	\$7.07
420	12-Mar-10	20	12	\$37.76	Yes	\$45.44	\$7.68
421	12-Mar-10	21	1	\$42.65	Yes	\$45.44	\$2.79
422	12-Mar-10	21	2	\$39.37	Yes	\$45.44	\$6.07
423	12-Mar-10	21	3	\$39.37	Yes	\$45.44	\$6.07
424	12-Mar-10	21	4	\$39.44	Yes	\$45.44	\$6.00
425	12-Mar-10	21	5	\$39.44	Yes	\$45.44	\$6.00
426	12-Mar-10	21	6	\$39.44	Yes	\$45.44	\$6.00
427	12-Mar-10	21	7	\$39.35	Yes	\$45.44	\$6.09
428	12-Mar-10	21	8	\$39.35	Yes	\$45.44	\$6.09
429	12-Mar-10	21	9	\$39.37	Yes	\$45.44	\$6.07
430	12-Mar-10	21	10	\$38.13	Yes	\$45.44	\$7.31
431	12-Mar-10	21	11	\$37.05	Yes	\$45.44	\$8.39
432	12-Mar-10	21	12	\$35.68	Yes	\$45.44	\$9.76
433	12-Mar-10	22	1	\$49.25	Yes	\$45.44	-\$3.81
434	12-Mar-10	22	2	\$49.25	Yes	\$45.44	-\$3.81
435	12-Mar-10	22	3	\$49.25	Yes	\$45.44	-\$3.81
436	12-Mar-10	22	4	\$49.23	Yes	\$45.44	-\$3.79
437	12-Mar-10	22	5	\$48.15	Yes	\$45.44	-\$2.71
438	12-Mar-10	22	6	\$48.15	Yes	\$45.44	-\$2.71
439	12-Mar-10	22	7	\$48.27	Yes	\$45.44	-\$2.83
440	12-Mar-10	22	8	\$48.27	Yes	\$45.44	-\$2.83
441	12-Mar-10	22	9	\$45.34	Yes	\$45.44	\$0.10
442	12-Mar-10	22	10	\$38.94	Yes	\$45.44	\$6.50
443	12-Mar-10	22	11	\$39.29	Yes	\$45.44	\$6.15
444	12-Mar-10	22	12	\$48.10	Yes	\$45.44	-\$2.66
445	12-Mar-10	23	1	\$49.70	Yes	\$45.44	-\$4.26
446	12-Mar-10	23	2	\$49.70	Yes	\$45.44	-\$4.26
447	12-Mar-10	23	3	\$48.87	Yes	\$45.44	-\$3.43



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	12-Mar-10	23	4	\$48.27	Yes	\$45.44	-\$2.83
449	12-Mar-10	23	5	\$47.34	Yes	\$45.44	-\$1.90
450	12-Mar-10	23	6	\$47.34	Yes	\$45.44	-\$1.90
451	12-Mar-10	23	7	\$47.12	Yes	\$45.44	-\$1.68
452	12-Mar-10	23	8	\$48.74	Yes	\$45.44	-\$3.30
453	12-Mar-10	23	9	\$48.74	Yes	\$45.44	-\$3.30
454	12-Mar-10	23	10	\$47.03	Yes	\$45.44	-\$1.59
455	12-Mar-10	23	11	\$42.11	Yes	\$45.44	\$3.33
456	12-Mar-10	23	12	\$35.11	Yes	\$45.44	\$10.33
457	12-Mar-10	24	1	\$48.87	Yes	\$45.44	-\$3.43
458	12-Mar-10	24	2	\$48.87	Yes	\$45.44	-\$3.43
459	12-Mar-10	24	3	\$33.12	Yes	\$45.44	\$12.32
460	12-Mar-10	24	4	\$35.22	Yes	\$45.44	\$10.22
461	12-Mar-10	24	5	\$36.38	Yes	\$45.44	\$9.06
462	12-Mar-10	24	6	\$40.44	Yes	\$45.44	\$5.00
463	12-Mar-10	24	7	\$40.20	Yes	\$45.44	\$5.24
464	12-Mar-10	24	8	\$35.12	Yes	\$45.44	\$10.32
465	12-Mar-10	24	9	\$33.05	Yes	\$45.44	\$12.39
466	12-Mar-10	24	10	\$33.14	Yes	\$45.44	\$12.30
467	12-Mar-10	24	11	\$33.14	Yes	\$45.44	\$12.30
468	12-Mar-10	24	12	\$32.46	Yes	\$45.44	\$12.98
469	27-Mar-10	13	9	\$34.31	Yes	\$36.76	\$2.45
470	27-Mar-10	13	10	\$34.25	Yes	\$36.76	\$2.51
471	27-Mar-10	13	11	\$32.17	Yes	\$36.76	\$4.59
472	27-Mar-10	13	12	\$30.66	Yes	\$36.76	\$6.10
473	27-Mar-10	14	1	\$30.64	Yes	\$36.76	\$6.12
474	27-Mar-10	14	2	\$30.27	Yes	\$36.76	\$6.49
475	27-Mar-10	14	3	\$30.27	Yes	\$36.76	\$6.49
476	27-Mar-10	14	3	\$30.27	Yes	\$36.76	\$6.49
477	27-Mar-10	14	4	\$32.60	Yes	\$36.76	\$4.16
478	27-Mar-10	14	4	\$32.60	Yes	\$36.76	\$4.16
479	27-Mar-10	14	5	\$31.47	Yes	\$36.76	\$5.29
480	27-Mar-10	14	5	\$31.47	Yes	\$36.76	\$5.29
481	27-Mar-10	14	6	\$30.59	Yes	\$36.76	\$6.17
482	27-Mar-10	14	6	\$30.59	Yes	\$36.76	\$6.17
483	27-Mar-10	14	7	\$30.58	Yes	\$36.76	\$6.18
484	27-Mar-10	14	7	\$30.58	Yes	\$36.76	\$6.18
485	27-Mar-10	14	8	\$30.58	Yes	\$36.76	\$6.18
486	27-Mar-10	14	8	\$30.58	Yes	\$36.76	\$6.18
487	27-Mar-10	14	9	\$30.58	Yes	\$36.76	\$6.18
488	27-Mar-10	14	9	\$30.58	Yes	\$36.76	\$6.18
489	27-Mar-10	14	10	\$30.58	Yes	\$36.76	\$6.18
490	27-Mar-10	14	10	\$30.58	Yes	\$36.76	\$6.18
491	27-Mar-10	14	11	\$31.45	Yes	\$36.76	\$5.31
492	27-Mar-10	14	11	\$31.45	Yes	\$36.76	\$5.31

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	27-Mar-10	14	12	\$30.58	Yes	\$36.76	\$6.18
494	27-Mar-10	14	12	\$30.58	Yes	\$36.76	\$6.18
495	27-Mar-10	15	1	\$30.53	Yes	\$36.76	\$6.23
496	27-Mar-10	15	1	\$30.53	Yes	\$36.76	\$6.23
497	27-Mar-10	15	2	\$30.53	Yes	\$36.76	\$6.23
498	27-Mar-10	15	2	\$30.53	Yes	\$36.76	\$6.23
499	27-Mar-10	15	3	\$30.53	Yes	\$36.76	\$6.23
500	27-Mar-10	15	3	\$30.53	Yes	\$36.76	\$6.23
501	27-Mar-10	15	4	\$31.48	Yes	\$36.76	\$5.28
502	27-Mar-10	15	4	\$31.48	Yes	\$36.76	\$5.28
503	27-Mar-10	15	5	\$32.52	Yes	\$36.76	\$4.24
504	27-Mar-10	15	5	\$32.52	Yes	\$36.76	\$4.24
505	27-Mar-10	15	6	\$35.05	Yes	\$36.76	\$1.71
506	27-Mar-10	15	6	\$35.05	Yes	\$36.76	\$1.71

## Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In March 2010, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS<sup>8</sup> and Delta Dispatch. Table 10 shows the costs by instruction type in March. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$53. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$83. The cost saving from the exceptional dispatch bid mitigation was \$30.

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

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
TMODEL5	1	\$83	\$53	\$30
Total	1	\$83	\$53	\$30

<sup>8</sup> 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 30<sup>th</sup> day of June, 2010.

*Anna Pascuzzo*

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