



California Independent  
System Operator Corporation

May 27, 2011

The Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

**Re: California Independent System Operator Corporation  
Docket Nos. ER08-1178-\_\_\_\_, and EL08-88-\_\_\_\_  
February 2011 Exceptional Dispatch Report (Chart 2 data)**

Dear Secretary Bose:

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

The attached report provides Chart 2 data for the month of February 2011. The attached Chart 2 report also includes the price impact analysis for the month of February 2011 required by Paragraph 44 of the September 2 order as well as the degree of mitigation analysis required by ISO tariff section 34.9.4 for the month of February 2011.

Respectfully submitted,  
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# Exceptional Dispatch Report

## Table 2: February 2011

ISO Market Services

May 27, 2011

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## Introduction

This report is filed pursuant to FERC's September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 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 February 2011.

In addition, this report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of February is presented in Appendix B. This report also includes the degree of mitigation analysis for February 2011 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation ( i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for February is presented in Appendix C.

## The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post day-ahead unit commitment or a real-time exceptional dispatch. A pre-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its physical minimum (Pmin) operating level in the day-ahead market. A post-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its (Pmin) operating level in the real-time market. A real-time exceptional dispatch instructs a resource to operate at or above its physical minimum operating point. For the purposes of this report, a real-time exceptional dispatch above the resource's day-ahead award is considered an incremental exceptional dispatch instruction and a real-time exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction. The ISO issues exceptional dispatch instructions primarily to manage transmission constraints that are not modeled in the market software. In addition to constraints, the ISO also issues exceptional dispatch instructions relating to reliability requirements and, on occasion, software failures. Reliability requirements are calculated for both local area and the system wide needs, and are classified into various requirements including local generation, transmission management, non-modeled transmission outages, ramping and intertie emergency assistance. Whenever the ISO issues an exceptional dispatch instruction, these instructions are logged by the operators into the scheduling and logging system (SLIC), including an associated reason for each exceptional dispatch instruction.

In February 2011, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-206, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-129, transmission facilities in Fresno area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-138, transmission facilities in Humboldt area; and (5) other transmission outages in PG&E, SCE and SDG&E area.

In Table 1, the reason codes starting with “G” refer to an ISO operating procedure for generation requirements and the reason codes starting with “T” refer to an ISO operating procedure for transmission facilities. Most of the generation procedures are internal to the ISO and not available publicly on the ISO website; however, all of the transmission procedures are available on the ISO website.<sup>1</sup>

The following additional reasons for exceptional dispatch instructions in February 2011 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System (“ADS”) failure, or similar issues.); (2) 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 February, 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/opsdoc/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 February. 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 column shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.

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

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

- The ED Volume MWh (MWh INC/DEC) column shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction which is settled at the resource specific LMP.
- The CC6470-DEC column shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both these charge codes are portion of the real-time instructed imbalance energy charge code (6470).<sup>4</sup>
- The CC6482 column shows the real-time excess cost for the classification.<sup>5</sup>
- The CC6488 column shows the real-time exceptional dispatch uplift settlement for the classification.<sup>6</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge code pertain to real-time exceptional dispatch MWh quantities. The classification of data is further explained by way of example in Attachment A. There was no designation of capacity under Interim Capacity Procurement Mechanism (ICPM) in February 2011.

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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 February 2011**

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
May 27, 2011**

**Chart 2: Table of Exceptional Dispatches for Period 01/February/2011 - 28/February /2011**

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	G-206	SDG&E	San Diego	10-Feb-11	20	No	INC	14	10:00	23:59	1,670.94	\$4,163	\$8,301	(\$57,771)	\$2	(\$47)	\$0	\$0	\$0	\$0
2	RT	Gas Supply Curtailment	SCE	N/A	3-Feb-11	59- 476	No	DEC	13	11:15	23:59	-2,576.98	\$0	\$0	\$42,745	(\$2,170)	\$0	\$28,436	\$0	\$0	\$0
3	RT	Gas Supply Curtailment	SCE	N/A	3-Feb-11	112	No	INC	14	10:53	23:59	22.21	\$0	\$0	(\$110)	\$0	\$0	\$0	\$0	\$0	\$0
4	RT	Gas Supply Curtailment	SDG&E	N/A	3-Feb-11	117- 440	No	DEC	13	11:04	23:59	(3160.07)	\$0	\$0	\$34,528	(\$2,850)	\$0	\$28,958	\$0	\$0	\$0
5	RT	Gas Supply Curtailment	SDG&E	N/A	3-Feb-11	0	No	INC	7	12:22	18:24	(12.80)	\$0	\$0	\$423	\$0	\$0	\$0	\$0	\$0	\$0
6	RT	Gas Supply Curtailment	SDG&E	San Diego	3-Feb-11	57- 379	No	DEC	14	10:44	23:59	(2597.61)	\$0	\$0	\$64,656	(\$1,975)	\$0	\$42,621	\$0	\$0	\$0
7	RT	Gas Supply Curtailment	SDG&E	San Diego	3-Feb-11	0	No	INC	14	10:44	23:14	(24.41)	\$0	\$0	\$3,520	0.00	\$0	\$0	\$0	\$0	\$0
8	RT	Gas Supply Curtailment	SDG&E	San Diego	4-Feb-11	56- 369	Yes	DEC	12	0:00	11:59	(3751.54)	\$0	\$0	\$56,972	(3,561.99)	\$0	\$49,583	\$0	\$0	\$0
9	RT	Generation Outage	PG&E	N/A	4-Feb-11	110	Yes	INC	18	6:00	23:59	2380.49	\$68,197	\$18,072	(\$82,218)	0.08	(\$2)	\$0	(\$0)	\$0	\$0
10	RT	Generation Outage	SCE	LA Basin	4-Feb-11	20	Yes	INC	18	6:00	23:59	843.86	\$41,130	\$32,720	(\$37,998)	0.00	\$0	\$0	\$0	\$0	\$0
11	RT	InterTie Emergency Assistance	N/A	N/A	2-Feb-11	300	Yes	INC	1	6:00	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
12	RT	InterTie Emergency Assistance	N/A	N/A	17-Feb-11	60- 75	No	INC	2	7:20	8:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
13	RT	Market Disruption	N/A	N/A	7-Feb-11	30	Yes	INC	1	11:00	11:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
14	RT	Market Disruption	PG&E	Bay Area	22-Feb-11	614	No	INC	2	0:20	1:42	354.75	\$4,923	\$0	\$87	0.00	\$0	\$0	\$0	\$0	\$0
15	RT	Market Disruption	PG&E	Fresno	22-Feb-11	320- 467	No	INC	2	0:18	1:42	97.82	\$0	\$0	(\$2,826)	0.00	\$0	\$0	\$0	\$0	\$0
16	RT	Market Disruption	SCE	LA Basin	22-Feb-11	98- 143	No	DEC	2	0:24	1:42	(126.53)	\$0	\$0	(\$463)	0.00	\$0	\$0	\$0	\$0	\$0
17	RT	Market Disruption	SCE	LA Basin	22-Feb-11	160- 320	No	INC	2	0:35	1:42	213.47	\$0	\$0	\$1,450	0.00	\$0	\$0	\$0	\$0	\$0
18	RT	Market Disruption	SDG&E	San Diego	22-Feb-11	5	No	INC	2	0:21	1:42	23.28	\$0	\$0	(\$400)	0.00	\$0	\$0	\$0	\$0	\$0
19	RT	Over Generation	N/A	N/A	7-Feb-11	180	Yes	DEC	1	6:07	6:20	(53.66)	\$0	\$0	(\$1,370)	0.00	\$0	\$0	\$0	\$0	\$0
20	RT	Over Generation	PG&E	Fresno	7-Feb-11	83	No	DEC	1	6:09	6:24	(14.02)	\$0	\$0	(\$391)	(20.75)	\$0	(\$569)	\$0	\$0	\$0
21	RT	Over Generation	PG&E	Fresno	20-Feb-11	0	No	INC	1	17:14	17:34	(26.88)	\$0	\$0	(\$720)	(27.67)	\$0	(\$737)	\$0	\$0	\$0
22	RT	Over Generation	SCE	Big Creek-Ventura	20-Feb-11	0	No	INC	2	16:17	17:34	(201.36)	\$0	\$0	(\$4,114)	(209.33)	\$0	(\$4,131)	\$0	\$0	\$0
23	RT	Ramp Rate	SCE	LA Basin	4-Feb-11	14- 266	No	DEC	3	16:00	18:59	(609.20)	\$0	\$0	\$12,025	0.00	\$0	\$0	\$0	\$0	\$0
24	RT	Ramp Rate	SCE	LA Basin	4-Feb-11	20- 183	Yes	INC	12	11:07	22:59	968.02	\$64,722	\$46,489	(\$52,664)	962.08	(\$47,746)	\$0	(\$2,919)	\$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	
25	RT	Ramp Rate	SCE	LA Basin	5-Feb-11	16- 266	No	DEC	10	10:02	19:59	(1288.65)	\$0	\$0	\$28,385	0.00	\$0	\$0	\$0	\$0	\$0	
26	RT	Ramp Rate	SCE	LA Basin	5-Feb-11	48- 144	No	INC	10	10:02	19:59	738.20	\$0	\$0	(\$33,805)	839.99	(\$34,844)	\$0	\$0	\$0	\$0	
27	RT	Ramp Rate	SCE	LA Basin	6-Feb-11	5	No	INC	1	23:40	23:59	(37.81)	\$0	\$0	\$750	0.00	\$0	\$0	\$0	\$0	\$0	
28	RT	Ramp Rate	SCE	LA Basin	7-Feb-11	69- 508	No	INC	10	0:00	9:59	(992.64)	\$36,480	\$0	\$8,789	58.30	(\$2,356)	\$0	\$0	\$0	\$0	
29	RT	Ramp Rate	SCE	LA Basin	9-Feb-11	4- 256	No	DEC	5	15:55	19:59	(524.62)	\$0	\$0	\$24,009	0.00	\$0	\$0	\$0	\$0	\$0	
30	RT	Ramp Rate	SCE	LA Basin	9-Feb-11	144- 264	No	INC	5	15:55	19:59	575.01	\$0	\$0	(\$24,647)	114.54	(\$3,113)	\$0	(\$1,011)	\$0	\$0	
31	RT	Ramp Rate	SCE	LA Basin	10-Feb-11	14- 266	No	DEC	5	15:40	19:59	(776.67)	\$0	\$0	\$28,028	0.00	\$0	\$0	\$0	\$0	\$0	
32	RT	Ramp Rate	SCE	LA Basin	10-Feb-11	150- 269	No	INC	5	15:30	19:59	498.56	\$0	\$0	(\$20,724)	398.11	(\$15,518)	\$0	\$0	\$0	\$0	
33	RT	Ramp Rate	SCE	LA Basin	11-Feb-11	8- 75	No	DEC	3	17:10	19:59	(50.59)	\$0	\$0	\$1,463	0.00	\$0	\$0	\$0	\$0	\$0	
34	RT	Ramp Rate	SCE	LA Basin	11-Feb-11	80- 144	No	INC	3	17:00	19:59	17.52	\$0	\$0	(\$876)	8.60	(\$326)	\$0	\$0	\$0	\$0	
35	RT	Ramp Rate	SCE	LA Basin	14-Feb-11	24- 493	No	DEC	6	14:45	19:59	(983.41)	\$0	\$0	\$17,393	0.00	\$0	\$0	\$0	\$0	\$0	
36	RT	Ramp Rate	SCE	LA Basin	14-Feb-11	15- 260	No	INC	6	14:45	19:59	375.42	\$0	\$0	(\$14,073)	377.97	(\$14,392)	\$0	\$0	\$0	\$0	
37	RT	Ramp Rate	SCE	LA Basin	15-Feb-11	460- 840	No	INC	9	12:00	20:59	1993.81	\$39,468	\$0	(\$95,585)	1,905.24	(\$69,937)	\$0	\$0	\$0	\$0	
38	RT	Ramp Rate	SCE	LA Basin	16-Feb-11	14- 266	No	DEC	4	16:00	19:59	(538.11)	\$0	\$0	\$22,355	0.00	\$0	\$0	\$0	\$0	\$0	
39	RT	Ramp Rate	SCE	LA Basin	16-Feb-11	144- 494	No	INC	5	15:25	19:59	854.88	\$3,638	\$0	(\$33,792)	238.91	(\$9,047)	\$0	\$0	\$0	\$0	
40	RT	Ramp Rate	SCE	LA Basin	17-Feb-11	68- 300	No	DEC	7	13:00	19:59	(461.14)	\$0	\$0	\$23,035	0.00	\$0	\$0	\$0	\$0	\$0	
41	RT	Ramp Rate	SCE	LA Basin	17-Feb-11	24- 166	No	INC	7	13:00	19:59	390.84	\$0	\$0	(\$12,967)	212.48	(\$6,231)	\$0	(\$1,482)	\$0	\$0	
42	RT	Ramp Rate	SCE	LA Basin	19-Feb-11	20	Yes	INC	17	6:00	22:59	406.55	\$47,771	\$34,365	(\$36,682)	0.00	\$0	\$0	\$0	\$0	\$0	\$0
43	RT	Ramp Rate	SCE	LA Basin	22-Feb-11	72	No	INC	6	15:25	20:59	317.91	\$0	\$0	(\$11,914)	332.22	(\$12,024)	\$0	\$0	\$0	\$0	
44	RT	Ramp Rate	SCE	LA Basin	25-Feb-11	24- 318	No	DEC	8	13:30	20:59	(1756.36)	\$0	\$0	\$61,915	0.00	\$0	\$0	\$0	\$0	\$0	
45	RT	Ramp Rate	SCE	LA Basin	25-Feb-11	302- 374	Yes	INC	8	13:30	20:59	2572.86	\$65,505	\$0	(\$112,507)	1,422.80	(\$60,461)	\$0	\$0	\$0	\$0	
46	RT	Ramp Rate	SCE	LA Basin	26-Feb-11	531	No	INC	14	9:53	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0	
47	RT	Ramp Rate	SCE	LA Basin	27-Feb-11	14- 266	No	DEC	7	13:15	19:59	(1440.74)	\$0	\$0	\$43,728	0.00	\$0	\$0	\$0	\$0	\$0	
48	RT	Ramp Rate	SCE	LA Basin	27-Feb-11	311	No	INC	5	15:00	19:59	1639.30	\$43,569	\$0	(\$56,434)	575.19	(\$6,468)	\$0	(\$17,455)	\$0	\$0	
49	RT	Ramp Rate	SDG&E	San Diego	7-Feb-11	18	Yes	DEC	1	6:00	6:19	2.46	\$0	\$0	\$58	0.00	\$0	\$0	\$0	\$0	\$0	
50	RT	Ramp Rate	SDG&E	San Diego	10-Feb-11	68	No	INC	1	16:10	16:59	28.29	\$297	\$988	(\$700)	1.75	(\$47)	\$0	\$0	\$0	\$0	
51	RT	Ramp Rate	SDG&E	San Diego	16-Feb-11	68	No	INC	1	16:00	16:59	120.03	\$0	\$0	(\$3,200)	0.02	(\$1)	\$0	\$0	\$0	\$0	
52	RT	Ramp Rate	SDG&E	San Diego	22-Feb-11	68	No	INC	5	15:35	19:59	614.24	\$13,948	\$0	(\$14,140)	3.40	(\$37)	\$0	\$0	\$0	\$0	
53	RT	SDGE Imports	SDG&E	San Diego	5-Feb-11	100	Yes	INC	1	18:01	18:29	15.27	\$0	\$0	(\$404)	2.98	(\$79)	\$0	\$0	(\$636)	\$0	
54	RT	Software Limitation	N/A	N/A	1-Feb-11	0	No	INC	9	8:40	16:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0	
55	RT	Software Limitation	N/A	N/A	2-Feb-11	0	Yes	INC	2	5:20	6:49	0.00	\$0	\$0	\$0	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
56	RT	Software Limitation	N/A	N/A	9-Feb-11	24	Yes	DEC	7	3:00	9:29	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Software Limitation	N/A	N/A	9-Feb-11	20	Yes	INC	7	3:00	9:29	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
58	RT	Software Limitation	N/A	N/A	18-Feb-11	185	No	INC	3	15:40	17:39	398.07	\$0	\$0	(\$28,564)	0.00	\$0	\$0	\$0	\$0	\$0
59	RT	Software Limitation	N/A	N/A	21-Feb-11	75- 121	No	DEC	3	19:55	21:59	(80.44)	\$0	\$0	\$1,862	(58.01)	\$0	\$1,277	\$0	\$0	\$0
60	RT	Software Limitation	N/A	N/A	23-Feb-11	20	Yes	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
61	RT	Software Limitation	N/A	N/A	24-Feb-11	160	Yes	INC	15	9:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
62	RT	Software Limitation	N/A	N/A	25-Feb-11	160	Yes	INC	16	7:00	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
63	RT	Software Limitation	N/A	N/A	27-Feb-11	350	No	INC	1	22:45	22:59	(52.26)	\$0	\$0	\$349	(33.51)	\$0	\$0	\$0	\$0	\$0
64	RT	Software Limitation	PG&E	Bay Area	17-Feb-11	620	No	INC	3	7:50	9:59	(565.73)	\$0	\$0	\$19,721	0.00	\$0	\$0	\$0	\$0	\$0
65	RT	Software Limitation	PG&E	Humboldt	8-Feb-11	42	No	INC	2	18:13	19:29	(7.11)	\$0	\$0	\$227	0.00	\$0	\$0	\$0	\$0	\$0
66	RT	Software Limitation	PG&E	N/A	17-Feb-11	141	No	DEC	6	0:00	5:59	(820.79)	\$0	\$0	(\$4,382)	(820.79)	\$0	(\$4,382)	\$0	\$0	\$0
67	RT	Software Limitation	PG&E	N/A	24-Feb-11	0	No	INC	10	0:20	9:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
68	RT	Software Limitation	SCE	Big Creek-Ventura	22-Feb-11	0	No	INC	2	0:18	1:42	67.78	\$0	\$0	(\$2,048)	0.00	\$0	\$0	\$0	\$0	\$0
69	RT	Software Limitation	SCE	LA Basin	1-Feb-11	0	No	INC	2	8:40	9:09	0.00	\$0	\$193	\$0	0.00	\$0	\$0	\$0	\$0	\$0
70	RT	Software Limitation	SCE	LA Basin	3-Feb-11	607- 712	No	DEC	11	13:45	23:59	(7068.10)	\$0	\$0	\$31,762	(5993.04)	\$0	\$2,246	\$0	\$0	\$0
71	RT	Software Limitation	SCE	LA Basin	3-Feb-11	300	No	INC	11	13:38	23:59	238.89	\$106,151	\$0	(\$6,630)	0.00	\$0	\$0	\$0	\$0	\$0
72	RT	Software Limitation	SCE	LA Basin	4-Feb-11	20- 300	Yes	INC	18	2:00	19:59	86.49	\$76,609	\$29,606	(\$17,257)	13.14	(\$630)	\$0	(\$47)	\$0	\$0
73	RT	Software Limitation	SCE	LA Basin	5-Feb-11	300	No	INC	4	15:25	18:39	(216.82)	\$15,556	\$0	\$3,967	0.00	\$0	\$0	\$0	\$0	\$0
74	RT	Software Limitation	SCE	LA Basin	9-Feb-11	140	No	INC	4	2:30	5:29	451.66	\$0	\$0	(\$11,918)	247.71	(\$6,374)	\$0	\$0	\$0	\$0
75	RT	Software Limitation	SCE	LA Basin	10-Feb-11	300	No	INC	6	14:00	19:59	(14.09)	\$17,975	\$0	(\$388)	0.00	\$0	\$0	\$0	\$0	\$0
76	RT	Software Limitation	SCE	LA Basin	11-Feb-11	300	No	INC	5	15:51	19:59	(24.39)	\$6,496	\$0	(\$303)	(17.49)	\$0	\$0	\$0	\$0	\$0
77	RT	Software Limitation	SCE	LA Basin	17-Feb-11	20- 184	No	DEC	10	6:00	15:59	(769.87)	\$0	\$0	\$21,118	(529.85)	\$0	\$12,441	\$0	\$0	\$0
78	RT	Software Limitation	SCE	LA Basin	22-Feb-11	25	Yes	INC	11	9:10	19:59	269.90	\$5,650	\$7,826	(\$7,379)	53.23	(\$2,507)	\$0	\$0	\$0	\$0
79	RT	Software Limitation	SCE	LA Basin	24-Feb-11	0	No	INC	2	6:55	7:24	1.28	\$0	\$4	(\$49)	0.00	\$0	\$0	\$0	\$0	\$0
80	RT	Software Limitation	SCE	LA Basin	26-Feb-11	0	No	INC	2	6:45	7:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
81	RT	Software Limitation	SDG&E	San Diego	1-Feb-11	0	No	INC	9	8:25	16:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
82	RT	Software Limitation	SDG&E	San Diego	2-Feb-11	20	Yes	DEC	6	0:00	5:59	(107.61)	\$0	\$0	\$127	(105.11)	\$0	\$0	\$0	\$0	\$0
83	RT	Software Limitation	SDG&E	San Diego	2-Feb-11	20	Yes	INC	24	0:00	23:59	217.33	\$8,674	\$0	(\$21,370)	0.00	\$0	\$0	\$0	\$0	\$0
84	RT	Software Limitation	SDG&E	San Diego	5-Feb-11	127- 135	Yes	INC	1	18:15	18:59	112.70	\$7,151	\$638	(\$2,771)	6.26	(\$151)	\$0	\$0	(\$1,390)	\$0
85	RT	Software Limitation	SDG&E	San Diego	7-Feb-11	200	Yes	INC	6	0:00	5:59	1196.35	\$45,623	\$0	\$7,298	0.00	\$0	\$0	\$0	\$0	\$0
86	RT	Software Limitation	SDG&E	San Diego	16-Feb-11	20- 68	No	INC	15	9:21	23:59	202.53	\$1,994	\$0	(\$6,213)	0.00	\$0	\$0	\$0	\$0	\$0
87	RT	Software Limitation	SDG&E	San Diego	22-Feb-11	0	Yes	INC	2	17:40	18:19	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
88	RT	Software Limitation	SDG&E	San Diego	23-Feb-11	20	No	INC	2	7:00	8:59	39.58	\$518	\$0	(\$1,064)	0.00	\$0	\$0	\$0	\$0	\$0
89	RT	Software Limitation	SDG&E	San Diego	27-Feb-11	20	No	INC	10	13:00	22:59	241.16	\$4,699	\$3,501	(\$8,514)	0.00	\$0	\$0	\$0	\$0	\$0
90	RT	System Energy	N/A	N/A	3-Feb-11	460-1077	Yes	INC	4	14:00	17:59	130.00	\$0	\$0	(\$3,243)	130.00	(\$3,243)	\$0	(\$11,472)	\$0	\$0
91	RT	System Energy	N/A	N/A	4-Feb-11	433	Yes	INC	1	17:00	17:59	80.00	\$0	\$0	(\$784)	80.00	(\$784)	\$0	(\$17,206)	\$0	\$0
92	RT	System Energy	N/A	N/A	7-Feb-11	100	Yes	INC	1	18:00	18:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
93	RT	System Energy	N/A	N/A	24-Feb-11	500	No	INC	1	1:00	1:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
94	RT	System Energy	PG&E	Bay Area	3-Feb-11	0	No	INC	1	23:20	23:24	21.11	\$0	\$0	(\$865)	0.00	\$0	\$0	\$0	\$0	\$0
95	RT	System Energy	PG&E	Bay Area	4-Feb-11	180	Yes	INC	6	0:00	5:59	1090.25	\$41,854	\$0	(\$40,887)	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	System Energy	PG&E	N/A	19-Feb-11	141	No	INC	18	5:00	22:59	3151.65	\$0	\$0	(\$167,534)	0.00	\$0	\$0	\$0	\$0	\$0
97	RT	System Energy	SCE	Big Creek-Ventura	4-Feb-11	140	Yes	INC	6	0:00	5:59	1340.04	\$0	\$0	(\$51,036)	0.00	\$0	\$0	\$0	\$0	\$0
98	RT	System Energy	SCE	LA Basin	19-Feb-11	20	Yes	INC	23	0:00	22:59	1243.66	\$51,658	\$0	(\$88,688)	0.00	\$0	\$0	\$0	\$0	\$0
99	RT	System Energy	SDG&E	N/A	19-Feb-11	117	Yes	INC	18	5:00	22:59	2411.99	\$75,984	\$4,771	(\$120,045)	0.00	\$0	\$0	\$0	\$0	\$0
100	RT	System Reliability	N/A	N/A	18-Feb-11	0	No	INC	2	14:40	15:29	(162.50)	\$0	\$0	(\$104)	(79.17)	\$0	\$878	\$0	\$0	\$0
101	RT	System Reliability	PG&E	Fresno	5-Feb-11	0	Yes	DEC	5	13:45	17:59	21.84	\$0	\$0	(\$131)	0.00	\$0	\$0	\$0	\$0	\$0
102	RT	System Reliability	PG&E	Fresno	5-Feb-11	83	Yes	INC	5	13:45	17:59	266.29	\$22,410	\$1,000	\$2,635	0.00	\$0	\$0	\$0	\$0	\$0
103	RT	System Reliability	PG&E	Fresno	6-Feb-11	83	Yes	INC	4	13:00	16:59	325.58	\$29,880	\$0	(\$8,953)	0.00	\$0	\$0	\$0	\$0	\$0
104	RT	System Reliability	PG&E	Fresno	9-Feb-11	321	No	INC	1	6:18	6:49	160.53	\$0	\$0	(\$4,279)	157.85	(\$4,272)	\$0	(\$6,894)	\$0	\$0
105	RT	System Reliability	PG&E	Fresno	18-Feb-11	800	No	INC	1	14:34	14:59	290.92	\$0	\$0	(\$17,105)	152.19	(\$8,893)	\$0	(\$1,993)	\$0	\$0
106	RT	System Reliability	PG&E	Humboldt	16-Feb-11	60	No	INC	14	10:53	23:58	121.20	\$3,103	\$0	(\$3,625)	65.40	(\$1,907)	\$0	\$0	(\$293)	\$0
107	RT	System Reliability	PG&E	Humboldt	17-Feb-11	16- 80	No	INC	24	0:00	23:58	677.90	\$14,270	\$0	(\$23,907)	127.77	(\$2,376)	\$0	\$0	(\$1,921)	\$0
108	RT	System Reliability	PG&E	Humboldt	18-Feb-11	32	No	INC	24	0:00	23:59	780.64	\$8,546	\$0	(\$50,843)	62.27	(\$1,680)	\$0	\$0	(\$359)	\$0
109	RT	System Reliability	PG&E	Humboldt	19-Feb-11	64	No	INC	10	0:00	9:59	454.58	\$6,754	\$0	(\$9,580)	122.27	(\$2,502)	\$0	\$0	(\$1,559)	\$0
110	RT	System Reliability	PG&E	N/A	18-Feb-11	100	No	INC	1	15:00	15:59	99.98	\$669	\$0	(\$3,911)	9.19	(\$159)	\$0	(\$143)	\$0	\$0
111	RT	System Reliability	SDG&E	San Diego	18-Feb-11	320	No	INC	2	14:50	15:14	158.96	\$2,261	\$0	(\$5,194)	5.94	(\$188)	\$0	(\$97)	\$0	\$0
112	RT	T-103	PG&E	Bay Area	26-Feb-11	45	No	INC	1	23:00	23:59	46.09	\$3,053	\$0	(\$1,301)	0.00	\$0	\$0	\$0	\$0	\$0
113	RT	T-103	PG&E	N/A	4-Feb-11	180	Yes	INC	7	0:00	6:59	1317.81	\$44,646	\$0	(\$55,778)	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	T-103	PG&E	N/A	19-Feb-11	180	Yes	INC	17	6:00	22:59	4003.13	\$105,317	\$13,718	(\$195,068)	0.00	\$0	\$0	\$0	\$0	\$0
115	RT	T-103	PG&E	N/A	26-Feb-11	180	No	INC	1	23:00	23:59	240.99	\$6,853	\$0	(\$6,803)	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	T-103	SCE	LA Basin	19-Feb-11	320- 345	Yes	INC	18	5:00	22:59	8399.33	\$148,710	\$99,436	(\$397,544)	0.00	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
117	RT	T-103	SCE	LA Basin	20-Feb-11	110- 455	No	INC	24	0:00	23:59	8637.50	\$314,066	\$21,009	(\$110,589)	0.00	\$0	\$0	\$0	\$0	\$0
118	RT	T-103	SCE	LA Basin	21-Feb-11	40- 385	No	INC	24	0:00	23:59	9644.87	\$265,800	\$66,585	(\$340,703)	0.00	\$0	\$0	\$0	\$0	\$0
119	RT	T-103	SCE	LA Basin	22-Feb-11	110- 295	Yes	INC	23	0:00	22:59	6209.58	\$287,208	\$45,131	(\$140,640)	53.23	(\$2,507)	\$0	\$0	\$0	\$0
120	RT	T-103	SCE	LA Basin	23-Feb-11	435	No	INC	1	23:00	23:59	526.33	\$16,078	\$3,395	(\$12,488)	0.00	\$0	\$0	\$0	\$0	\$0
121	RT	T-103	SCE	LA Basin	24-Feb-11	70- 255	No	INC	24	0:00	23:59	2786.23	\$178,217	\$22,138	(\$70,217)	0.00	\$0	\$0	\$0	\$0	\$0
122	RT	T-103	SCE	LA Basin	25-Feb-11	70	Yes	INC	23	0:00	22:59	4072.99	\$101,793	\$0	(\$177,914)	926.28	(\$34,536)	\$0	\$0	\$0	\$0
123	RT	T-103	SCE	LA Basin	26-Feb-11	415	No	INC	1	23:00	23:59	472.87	\$13,036	\$2,471	(\$13,168)	0.00	\$0	\$0	\$0	\$0	\$0
124	RT	T-103	SCE	LA Basin	27-Feb-11	95- 255	No	INC	23	0:00	22:59	4791.04	\$186,904	\$0	(\$133,616)	0.00	\$0	\$0	\$0	\$0	\$0
125	RT	T-103	SCE	LA Basin	28-Feb-11	255	No	INC	1	23:00	23:59	287.90	\$10,861	\$1,198	(\$8,582)	0.00	\$0	\$0	\$0	\$0	\$0
126	RT	T-103	SDG&E	San Diego	20-Feb-11	20	No	INC	24	0:00	23:59	1408.57	\$8,357	\$0	(\$24,859)	0.00	\$0	\$0	\$0	\$0	\$0
127	RT	T-103	SDG&E	San Diego	21-Feb-11	20	No	INC	24	0:00	23:59	478.42	\$13,314	\$0	(\$15,176)	0.00	\$0	\$0	\$0	\$0	\$0
128	RT	T-103	SDG&E	San Diego	22-Feb-11	20- 40	Yes	INC	23	0:00	22:59	1435.89	\$67,344	\$0	(\$30,754)	11.73	\$57	\$0	(\$93)	\$0	\$0
129	RT	T-103	SDG&E	San Diego	23-Feb-11	20	No	INC	16	8:02	23:59	40.00	\$1,490	\$0	(\$1,005)	0.00	\$0	\$0	\$0	\$0	\$0
130	RT	T-103	SDG&E	San Diego	24-Feb-11	200	No	INC	17	7:00	23:59	3696.80	\$114,961	\$6,330	(\$86,257)	0.00	\$0	\$0	\$0	\$0	\$0
131	RT	T-103	SDG&E	San Diego	26-Feb-11	200	No	INC	1	23:00	23:59	241.56	\$14,794	\$0	(\$6,720)	0.00	\$0	\$0	\$0	\$0	\$0
132	RT	T-103	SDG&E	San Diego	27-Feb-11	200	No	INC	23	0:00	22:59	5147.74	\$340,262	\$0	(\$116,144)	0.00	\$0	\$0	\$0	\$0	\$0
133	RT	T-103	SDG&E	San Diego	28-Feb-11	200	No	INC	1	23:00	23:59	238.77	\$14,794	\$0	(\$7,067)	0.00	\$0	\$0	\$0	\$0	\$0
134	RT	T-129	PG&E	Fresno	8-Feb-11	13	No	DEC	13	9:18	21:59	(210.39)	\$0	\$0	\$4,687	(164.58)	\$0	\$3,545	\$0	(\$3,206)	\$0
135	RT	T-132	N/A	N/A	5-Feb-11	99	Yes	INC	2	18:20	19:04	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
136	RT	T-132	SCE	LA Basin	17-Feb-11	70	No	INC	13	0:00	12:59	1439.90	\$57,272	\$0	(\$60,511)	0.00	\$0	\$0	\$0	\$0	\$0
137	RT	T-132	SDG&E	San Diego	5-Feb-11	120- 310	Yes	INC	3	17:49	19:09	216.48	\$5,892	\$1,045	(\$5,581)	101.82	(\$2,560)	\$0	\$0	(\$17,407)	\$0
138	RT	T-132	SDG&E	San Diego	17-Feb-11	20	No	INC	11	0:00	10:29	1122.42	\$12,102	\$0	(\$61,338)	55.00	(\$673)	\$0	\$0	(\$301)	\$0
139	RT	T-138	N/A	N/A	2-Feb-11	1	Yes	DEC	2	21:50	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
140	RT	T-138	N/A	N/A	2-Feb-11	32	Yes	INC	18	5:35	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
141	RT	T-138	N/A	N/A	3-Feb-11	2- 32	Yes	INC	2	0:00	1:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
142	RT	T-138	PG&E	Humboldt	1-Feb-11	32- 70	No	INC	24	0:00	23:59	248.61	\$10,337	\$0	(\$11,741)	37.19	(\$1,276)	\$0	\$0	(\$298)	\$0
143	RT	T-138	PG&E	Humboldt	2-Feb-11	32- 48	No	INC	12	5:20	16:59	184.15	\$25,437	\$0	(\$7,142)	37.90	(\$1,316)	\$0	\$0	(\$122)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Ho urs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC )	CC6470 INC	CC647 0 DEC	CC6482	CC648 8	CC6620
144	RT	T-138	PG&E	Humboldt	3-Feb-11	29- 80	No	INC	18	6:50	23:59	210.63	\$15,374	\$0	(\$22,283)	7.05	(\$251)	\$0	\$0	(\$21)	\$0
145	RT	T-138	PG&E	Humboldt	18-Feb-11	16- 48	No	INC	24	0:00	23:59	(18.40)	\$1,930	\$0	\$779	9.41	(\$378)	\$237	\$0	(\$176)	\$0
146	RT	Transmission Outage Other	PG&E	Sierra	3-Feb-11	34	Yes	DEC	2	17:30	18:30	(33.57)	\$0	\$0	(\$7,704)	(23.57)	\$0	(\$5,413)	\$0	\$0	\$0
147	RT	Transmission Outage Other	SCE	LA Basin	19-Feb-11	70	Yes	INC	23	0:00	22:59	2636.93	\$102,026	\$0	(\$148,133)	0.00	\$0	\$0	\$0	\$0	\$0
148	RT	Transmission Outage Other	SDG&E	San Diego	19-Feb-11	20	No	INC	23	0:00	22:59	1782.57	\$14,843	\$0	(\$98,042)	63.33	(\$7,110)	\$0	\$0	\$0	\$0
149	RT	Transmission Outage PG&E	PG&E	Fresno	19-Feb-11	83	Yes	INC	4	14:15	17:59	315.41	\$22,410	\$2,000	(\$11,455)	0.00	\$0	\$0	\$0	\$0	\$0
150	RT	Transmission Outage PG&E	PG&E	NCNB	17-Feb-11	22- 47	No	DEC	2	16:06	17:49	(46.44)	\$0	\$0	\$1,286	(41.38)	\$0	\$1,154	\$0	(\$885)	\$0
151	RT	Transmission Outage SCE	SCE	LA Basin	16-Feb-11	160- 300	No	INC	18	4:00	21:59	5259.85	\$29,519	\$30,839	(\$172,329)	53.33	(\$1,321)	\$0	\$0	\$0	\$0
152	RT	Transmission Outage SDG&E	SCE	LA Basin	14-Feb-11	70	No	INC	2	21:00	22:59	142.00	\$8,771	\$0	(\$2,054)	0.00	\$0	\$0	\$0	\$0	\$0
153	RT	Transmission Outage SDG&E	SCE	LA Basin	15-Feb-11	70	No	INC	24	0:00	23:59	3585.38	\$105,248	\$0	(\$133,922)	1032.88	(\$37,976)	\$0	\$0	\$0	\$0
154	RT	Transmission Outage SDG&E	SCE	LA Basin	16-Feb-11	70	No	INC	24	0:00	23:59	3074.46	\$104,763	\$0	(\$102,634)	11.80	(\$421)	\$0	\$0	\$0	\$0
155	RT	Transmission Outage SDG&E	SCE	LA Basin	17-Feb-11	240	No	INC	10	13:00	22:59	2734.24	\$44,056	\$0	(\$105,975)	854.20	(\$24,708)	\$0	\$0	(\$7,532)	\$0
156	RT	Transmission Outage SDG&E	SCE	LA Basin	18-Feb-11	70	No	INC	1	23:00	23:59	203.54	\$4,446	\$0	(\$7,758)	0.00	\$0	\$0	\$0	\$0	\$0
157	RT	Transmission Outage SDG&E	SDG&E	San Diego	11-Feb-11	45	No	INC	9	8:15	16:59	401.12	\$19,226	\$197	(\$13,895)	0.00	\$0	\$0	\$0	\$0	\$0
158	RT	Transmission Outage SDG&E	SDG&E	San Diego	14-Feb-11	200	No	INC	18	4:00	21:59	3658.96	\$117,964	\$17,383	(\$44,148)	0.00	\$0	\$0	\$0	\$0	\$0
159	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Feb-11	20	No	INC	15	9:00	23:59	3032.44	\$15,272	\$0	(\$126,542)	46.21	(\$1,229)	\$0	\$0	(\$514)	\$0
160	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Feb-11	20	No	INC	14	2:00	15:59	403.46	\$1,660	\$0	(\$12,053)	0.00	\$0	\$0	\$0	\$0	\$0
161	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Feb-11	68	No	INC	13	10:30	22:59	2865.81	\$24,714	\$0	(\$112,827)	51.00	(\$3,321)	\$0	\$0	\$0	\$0
162	RT	Transmission Outage SDG&E	SDG&E	San Diego	18-Feb-11	20	No	INC	1	23:00	23:59	180.17	\$1,131	\$0	(\$6,988)	0.00	\$0	\$0	\$0	\$0	\$0
163	RT	Transmission Outage SDG&E	SDG&E	San Diego	22-Feb-11	36	Yes	INC	6	11:14	16:59	220.12	\$12,907	\$361	(\$4,534)	108.22	(\$2,219)	\$0	\$0	(\$22,409)	\$0
164	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Feb-11	45	Yes	INC	11	6:35	16:59	463.23	\$20,404	\$416	(\$9,588)	0.00	\$0	\$0	\$0	\$0	\$0
165	RT	Transmission Outage SDG&E	SDG&E	San Diego	25-Feb-11	45- 90	Yes	INC	9	8:13	16:24	403.60	\$17,317	\$219	(\$14,784)	0.00	\$0	\$0	\$0	\$0	\$0
166	RT	Unit Testing	N/A	N/A	7-Feb-11	310- 550	No	INC	5	17:43	21:29	1387.85	\$37,538	\$0	(\$27,206)	429.79	(\$9,590)	\$0	\$0	\$0	\$0
167	RT	Unit Testing	SCE	LA Basin	15-Feb-11	46	No	INC	1	9:00	9:10	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
168	RT	Unit Testing	SCE	LA Basin	17-Feb-11	47	No	INC	1	9:11	9:20	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
169	RT	Voltage Support	SCE	LA Basin	24-Feb-11	71- 93	No	DEC	5	4:00	8:59	(177.84)	\$0	\$0	\$5,736	0.00	\$0	\$0	\$0	\$0	\$0
170	RT	Weather	PG&E	Bay Area	24-Feb-11	180	No	INC	1	23:00	23:59	173.18	\$6,413	\$0	(\$1,715)	0.00	\$0	\$0	\$0	\$0	\$0
171	RT	Weather	PG&E	Bay Area	25-Feb-11	180	Yes	INC	6	0:00	5:59	1125.20	\$38,476	\$0	(\$26,68	0.00	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
															8)						
172	RT	Weather	PG&E	N/A	24-Feb-11	180	No	INC	1	23:00	23:59	172.76	\$6,838	\$0	(\$1,675)	0.00	\$0	\$0	\$0	\$0	\$0
173	RT	Weather	PG&E	N/A	25-Feb-11	180	Yes	INC	23	0:00	22:59	5433.82	\$157,463	\$0	(\$207,938)	0.00	\$0	\$0	\$0	\$0	\$0
174	RT	Weather	SCE	LA Basin	25-Feb-11	25	Yes	INC	23	0:00	22:59	1020.16	\$99,090	\$0	(\$51,554)	329.55	(\$19,833)	\$0	\$0	\$0	\$0
175	RT	Weather	SDG&E	San Diego	25-Feb-11	200	Yes	INC	16	7:00	22:59	4034.78	\$236,704	\$12,580	(\$171,355)	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-219. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs, shown in Table 2 is 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.

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

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

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

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1-Jul-09	RT	A	PG&E	Humboldt	6:00	11:00	30	0	Yes	INC	30	T-138	180	1000	50	800	60	600	0	0	5400
1-Jul-09	RT	B	PG&E	Humboldt	7:00	9:00	40	20	No	INC	20	T-138	60	0	0	600	60	600	0	0	5400
1-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	T-138	0	0	0	0	0	0	0	0	0
1-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	T-138	50	0	0	300	20	300	0	0	200



This data is summarized as shown in Table 5 and is classified by reason, resource location, local reliability area, and trade date. The MW column in Table 5 is the range of MW; in this case the minimum instruction MW is 0 MW for resource C which occurs from hours ending 13 through 15. The maximum instruction occurs in hours ending 8 & 9, as during these two hours both resources A and B have an ED MW of 30MW and 20MW, respectively. This adds up to 50 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The commitment column shows whether a resource was committed between the begin time and end time. This column shows a commitment if there was a single commitment in the entire interval of exceptional dispatch. The begin time 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 its pricing node is \$50/MWh. Based on this information, volume and cost information is calculated for resource C.

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

Date	Market Type	Resource	Location	Local Reliability Area (LRA)	Begin time	End Time	Dispatch level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1-Jul-09	RT	A	PG&E	Fresno	15:00	20:00	20	0	Yes	INC	20	T-129	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
1-Jul-09	RT	B	PG&E	Fresno	7:00	9:00	40	60	No	DEC	20	T-129	(60)	\$ -	\$ -	\$ 600	-60	\$ -	\$ 600	\$ -	\$2,400
1-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	T-129	(50)	\$ -	\$ -	\$ 500	-50	\$ -	\$ 500	\$ -	\$2,000

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

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

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	T-129	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00	120	\$ 120	\$ 100	\$ -	0	\$ -	\$ -	\$ -	\$ -
2	RT	T-129	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	7:00	14:00	(110)	\$ -	\$ -	\$ (1,100)	\$ (110)	\$ -	\$ (1,100)	\$ -	\$ (4,400)

## Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,064 five-minute intervals in February, this resource was issued exceptional dispatch instructions in 108 five-minute intervals. It was eligible to set the LMP in 99 of the 108 intervals. Resource calculated LMP was larger than the market LMP in all 99 intervals. In the 99 intervals, the average increase in five minute LMP was \$61.56/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 \$61.56/MWh. Note that 99 five minute intervals are approximately 1.23 percent of the total 8,064 five minute intervals.

Table 9 **Error! No bookmark name given.** shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8,064 five minute intervals, this resource was issued an exceptional dispatch instruction in 1530 five minute intervals. This resource was eligible to set the LMP in all 1530 intervals. Out of the 1530 intervals, resource calculated LMP was larger than the market LMP in 1246 intervals. In the 1246 intervals, the average increase in five minute LMP was \$14.70/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$14.70/MWh. The 1246 five minute intervals account for approximately 15.45 percent of the total 8,064 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	5-Feb-11	14	10	\$0.10	Yes	\$70.33	\$70.23
2	5-Feb-11	14	11	\$0.10	Yes	\$70.33	\$70.23
3	5-Feb-11	14	12	\$1.13	Yes	\$70.33	\$69.20
4	5-Feb-11	15	1	\$10.46	Yes	\$70.33	\$59.87
5	5-Feb-11	15	2	\$10.46	Yes	\$70.33	\$59.87
6	5-Feb-11	15	3	\$15.63	Yes	\$70.33	\$54.70
7	5-Feb-11	15	4	\$15.77	Yes	\$70.33	\$54.56
8	5-Feb-11	15	5	\$15.81	Yes	\$70.33	\$54.52
9	5-Feb-11	15	6	\$15.81	Yes	\$70.33	\$54.52
10	5-Feb-11	15	7	\$15.87	Yes	\$70.33	\$54.46
11	5-Feb-11	15	8	\$0.10	Yes	\$70.33	\$70.23
12	5-Feb-11	15	9	\$0.10	Yes	\$70.33	\$70.23
13	5-Feb-11	15	10	\$0.10	Yes	\$70.33	\$70.23
14	5-Feb-11	15	11	\$0.10	Yes	\$70.33	\$70.23
15	5-Feb-11	15	12	\$0.01	Yes	\$70.33	\$70.32
16	5-Feb-11	16	1	-\$15.03	Yes	\$70.33	\$85.36
17	5-Feb-11	16	2	-\$15.03	Yes	\$70.33	\$85.36
18	5-Feb-11	16	3	-\$15.03	Yes	\$70.33	\$85.36
19	5-Feb-11	16	4	-\$28.10	Yes	\$70.33	\$98.43
20	5-Feb-11	16	5	-\$28.10	Yes	\$70.33	\$98.43
21	5-Feb-11	16	6	-\$28.10	Yes	\$70.33	\$98.43
22	5-Feb-11	16	7	-\$27.62	Yes	\$70.33	\$97.95
23	5-Feb-11	16	8	-\$14.90	Yes	\$70.33	\$85.23
24	5-Feb-11	16	9	-\$14.90	Yes	\$70.33	\$85.23
25	5-Feb-11	16	10	-\$28.21	Yes	\$70.33	\$98.54
26	5-Feb-11	16	11	-\$28.21	Yes	\$70.33	\$98.54
27	5-Feb-11	16	12	-\$14.84	Yes	\$70.33	\$85.17
28	5-Feb-11	17	1	-\$14.87	Yes	\$70.33	\$85.20
29	5-Feb-11	17	2	-\$14.87	Yes	\$70.33	\$85.20
30	5-Feb-11	17	3	-\$14.87	Yes	\$70.33	\$85.20
31	5-Feb-11	17	4	-\$14.82	Yes	\$70.33	\$85.15
32	5-Feb-11	17	5	-\$29.58	Yes	\$70.33	\$99.91
33	5-Feb-11	17	6	-\$29.58	Yes	\$70.33	\$99.91
34	5-Feb-11	17	7	-\$29.70	Yes	\$70.33	\$100.03
35	5-Feb-11	17	8	-\$14.91	Yes	\$70.33	\$85.24
36	5-Feb-11	17	9	-\$14.91	Yes	\$70.33	\$85.24
37	5-Feb-11	17	10	-\$14.91	Yes	\$70.33	\$85.24
38	5-Feb-11	17	11	-\$14.91	Yes	\$70.33	\$85.24
39	5-Feb-11	17	12	-\$29.49	Yes	\$70.33	\$99.82
40	5-Feb-11	18	1	-\$27.79	Yes	\$70.33	\$98.12
41	5-Feb-11	18	2	-\$14.78	Yes	\$70.33	\$85.11
42	5-Feb-11	18	3	-\$14.78	Yes	\$70.33	\$85.11
43	5-Feb-11	18	4	-\$30.30	Yes	\$70.33	\$100.63

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	5-Feb-11	18	5	-\$14.69	Yes	\$70.33	\$85.02
45	5-Feb-11	18	6	-\$30.30	Yes	\$70.33	\$100.63
46	5-Feb-11	18	7	-\$14.69	Yes	\$70.33	\$85.02
47	5-Feb-11	18	8	\$0.01	Yes	\$70.33	\$70.32
48	5-Feb-11	18	9	\$15.88	Yes	\$70.33	\$54.45
49	5-Feb-11	18	10	\$20.73	Yes	\$70.33	\$49.60
50	5-Feb-11	18	11	\$25.85	Yes	\$70.33	\$44.48
51	5-Feb-11	18	12	\$25.85	Yes	\$70.33	\$44.48
52	6-Feb-11	14	1	\$27.89	Yes	\$70.33	\$42.44
53	6-Feb-11	14	2	\$27.11	Yes	\$70.33	\$43.22
54	6-Feb-11	14	3	\$27.11	Yes	\$70.33	\$43.22
55	6-Feb-11	14	4	\$27.14	Yes	\$70.33	\$43.19
56	6-Feb-11	14	5	\$27.49	Yes	\$70.33	\$42.84
57	6-Feb-11	14	6	\$27.49	Yes	\$70.33	\$42.84
58	6-Feb-11	14	7	\$27.48	Yes	\$70.33	\$42.85
59	6-Feb-11	14	8	\$27.79	Yes	\$70.33	\$42.54
60	6-Feb-11	14	9	\$27.62	Yes	\$70.33	\$42.71
61	6-Feb-11	14	10	\$27.49	Yes	\$70.33	\$42.84
62	6-Feb-11	14	11	\$27.70	Yes	\$70.33	\$42.63
63	6-Feb-11	14	12	\$28.29	Yes	\$70.33	\$42.04
64	6-Feb-11	15	1	\$28.48	Yes	\$70.33	\$41.85
65	6-Feb-11	15	2	\$28.58	Yes	\$70.33	\$41.75
66	6-Feb-11	15	3	\$28.58	Yes	\$70.33	\$41.75
67	6-Feb-11	15	4	\$29.24	Yes	\$70.33	\$41.09
68	6-Feb-11	15	5	\$29.57	Yes	\$70.33	\$40.76
69	6-Feb-11	15	6	\$29.57	Yes	\$70.33	\$40.76
70	6-Feb-11	15	7	\$29.31	Yes	\$70.33	\$41.02
71	6-Feb-11	15	8	\$29.31	Yes	\$70.33	\$41.02
72	6-Feb-11	15	9	\$29.59	Yes	\$70.33	\$40.74
73	6-Feb-11	15	10	\$29.57	Yes	\$70.33	\$40.76
74	6-Feb-11	15	11	\$29.43	Yes	\$70.33	\$40.90
75	6-Feb-11	15	12	\$29.50	Yes	\$70.33	\$40.83
76	6-Feb-11	16	1	\$28.58	Yes	\$70.33	\$41.75
77	6-Feb-11	16	2	\$28.58	Yes	\$70.33	\$41.75
78	6-Feb-11	16	3	\$29.20	Yes	\$70.33	\$41.13
79	6-Feb-11	16	4	\$28.52	Yes	\$70.33	\$41.81
80	6-Feb-11	16	5	\$28.52	Yes	\$70.33	\$41.81
81	6-Feb-11	16	6	\$28.70	Yes	\$70.33	\$41.63
82	6-Feb-11	16	7	\$28.47	Yes	\$70.33	\$41.86
83	6-Feb-11	16	8	\$27.65	Yes	\$70.33	\$42.68
84	6-Feb-11	16	9	\$28.25	Yes	\$70.33	\$42.08
85	6-Feb-11	16	10	\$27.54	Yes	\$70.33	\$42.79
86	6-Feb-11	16	11	\$27.40	Yes	\$70.33	\$42.93
87	6-Feb-11	16	12	\$27.40	Yes	\$70.33	\$42.93
88	6-Feb-11	17	1	\$26.88	Yes	\$70.33	\$43.45

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	6-Feb-11	17	2	\$27.20	Yes	\$70.33	\$43.13
90	6-Feb-11	17	3	\$28.21	Yes	\$70.33	\$42.12
91	6-Feb-11	17	4	\$27.29	Yes	\$70.33	\$43.04
92	6-Feb-11	17	5	\$26.85	Yes	\$70.33	\$43.48
93	6-Feb-11	17	6	\$16.37	Yes	\$70.33	\$53.96
94	6-Feb-11	17	7	\$21.14	Yes	\$70.33	\$49.19
95	6-Feb-11	17	8	\$16.29	Yes	\$70.33	\$54.04
96	6-Feb-11	17	9	\$24.96	Yes	\$70.33	\$45.37
97	6-Feb-11	17	10	\$28.36	Yes	\$70.33	\$41.97
98	6-Feb-11	17	11	\$28.36	Yes	\$70.33	\$41.97
99	6-Feb-11	17	12	\$29.10	Yes	\$70.33	\$41.23
100	7-Feb-11	7	3	-\$25.91	No	\$70.33	\$96.24
101	7-Feb-11	7	4	-\$28.19	No	\$70.33	\$98.52
102	7-Feb-11	7	5	-\$28.19	No	\$70.33	\$98.52
103	9-Feb-11	7	5	\$24.56	No	\$80.33	\$55.77
104	9-Feb-11	7	6	\$25.14	No	\$80.33	\$55.19
105	9-Feb-11	7	7	\$30.25	No	\$80.33	\$50.08
106	9-Feb-11	7	8	\$27.41	No	\$80.33	\$52.92
107	9-Feb-11	7	9	\$27.41	No	\$80.33	\$52.92
108	9-Feb-11	7	10	\$27.39	No	\$80.33	\$52.94

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	18-Feb-11	24	1	\$36.35	Yes	\$35.98	-\$0.37
2	18-Feb-11	24	2	\$41.53	Yes	\$35.98	-\$5.55
3	18-Feb-11	24	3	\$38.71	Yes	\$35.98	-\$2.73
4	18-Feb-11	24	4	\$38.21	Yes	\$35.98	-\$2.23
5	18-Feb-11	24	5	\$40.05	Yes	\$35.98	-\$4.07
6	18-Feb-11	24	6	\$41.64	Yes	\$35.98	-\$5.66
7	18-Feb-11	24	7	\$38.22	Yes	\$35.98	-\$2.24
8	18-Feb-11	24	8	\$34.63	Yes	\$35.98	\$1.35
9	18-Feb-11	24	9	\$35.76	Yes	\$35.98	\$0.22
10	18-Feb-11	24	10	\$38.32	Yes	\$35.98	-\$2.34
11	18-Feb-11	24	11	\$36.45	Yes	\$35.98	-\$0.47
12	18-Feb-11	24	12	\$34.19	Yes	\$35.98	\$1.79
13	19-Feb-11	1	1	\$36.78	Yes	\$35.59	-\$1.19
14	19-Feb-11	1	2	\$36.48	Yes	\$35.59	-\$0.89
15	19-Feb-11	1	3	\$31.53	Yes	\$35.59	\$4.06
16	19-Feb-11	1	4	\$25.97	Yes	\$35.59	\$9.62
17	19-Feb-11	1	5	\$25.98	Yes	\$35.59	\$9.61
18	19-Feb-11	1	6	\$25.97	Yes	\$35.59	\$9.62
19	19-Feb-11	1	7	\$26.84	Yes	\$35.59	\$8.75
20	19-Feb-11	1	8	\$26.37	Yes	\$35.59	\$9.22
21	19-Feb-11	1	9	\$27.80	Yes	\$35.59	\$7.79
22	19-Feb-11	1	10	\$26.99	Yes	\$35.59	\$8.60
23	19-Feb-11	1	11	\$26.16	Yes	\$35.59	\$9.43
24	19-Feb-11	1	12	\$26.13	Yes	\$35.59	\$9.46
25	19-Feb-11	2	1	\$25.62	Yes	\$35.59	\$9.97
26	19-Feb-11	2	2	\$20.42	Yes	\$35.59	\$15.17
27	19-Feb-11	2	3	\$20.42	Yes	\$35.59	\$15.17
28	19-Feb-11	2	4	\$26.83	Yes	\$35.59	\$8.76
29	19-Feb-11	2	5	\$25.82	Yes	\$35.59	\$9.77
30	19-Feb-11	2	6	\$25.41	Yes	\$35.59	\$10.18
31	19-Feb-11	2	7	\$34.51	Yes	\$35.59	\$1.08
32	19-Feb-11	2	8	\$29.45	Yes	\$35.59	\$6.14
33	19-Feb-11	2	9	\$20.56	Yes	\$35.59	\$15.03
34	19-Feb-11	2	10	\$20.46	Yes	\$35.59	\$15.13
35	19-Feb-11	2	11	\$20.51	Yes	\$35.59	\$15.08
36	19-Feb-11	2	12	\$25.09	Yes	\$35.59	\$10.50
37	19-Feb-11	3	1	\$24.77	Yes	\$35.59	\$10.82
38	19-Feb-11	3	2	\$18.86	Yes	\$35.59	\$16.73
39	19-Feb-11	3	3	\$4.18	Yes	\$35.59	\$31.41
40	19-Feb-11	3	4	\$18.87	Yes	\$35.59	\$16.72
41	19-Feb-11	3	5	\$20.51	Yes	\$35.59	\$15.08

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
42	19-Feb-11	3	6	\$20.51	Yes	\$35.59	\$15.08
43	19-Feb-11	3	7	\$18.87	Yes	\$35.59	\$16.72
44	19-Feb-11	3	8	\$20.53	Yes	\$35.59	\$15.06
45	19-Feb-11	3	9	\$24.85	Yes	\$35.59	\$10.74
46	19-Feb-11	3	10	\$25.71	Yes	\$35.59	\$9.88
47	19-Feb-11	3	11	\$25.71	Yes	\$35.59	\$9.88
48	19-Feb-11	3	12	\$25.71	Yes	\$35.59	\$9.88
49	19-Feb-11	4	1	\$27.22	Yes	\$35.59	\$8.37
50	19-Feb-11	4	2	\$26.89	Yes	\$35.59	\$8.70
51	19-Feb-11	4	3	\$26.89	Yes	\$35.59	\$8.70
52	19-Feb-11	4	4	\$26.24	Yes	\$35.59	\$9.35
53	19-Feb-11	4	5	\$25.95	Yes	\$35.59	\$9.64
54	19-Feb-11	4	6	\$25.11	Yes	\$35.59	\$10.48
55	19-Feb-11	4	7	\$25.12	Yes	\$35.59	\$10.47
56	19-Feb-11	4	8	\$25.12	Yes	\$35.59	\$10.47
57	19-Feb-11	4	9	\$25.12	Yes	\$35.59	\$10.47
58	19-Feb-11	4	10	\$24.95	Yes	\$35.59	\$10.64
59	19-Feb-11	4	11	\$20.35	Yes	\$35.59	\$15.24
60	19-Feb-11	4	12	\$20.37	Yes	\$35.59	\$15.22
61	19-Feb-11	5	1	\$24.66	Yes	\$35.59	\$10.93
62	19-Feb-11	5	2	\$18.97	Yes	\$35.59	\$16.62
63	19-Feb-11	5	3	\$20.33	Yes	\$35.59	\$15.26
64	19-Feb-11	5	4	\$24.81	Yes	\$35.59	\$10.78
65	19-Feb-11	5	5	\$24.81	Yes	\$35.59	\$10.78
66	19-Feb-11	5	6	\$24.73	Yes	\$35.59	\$10.86
67	19-Feb-11	5	7	\$20.54	Yes	\$35.59	\$15.05
68	19-Feb-11	5	8	\$4.17	Yes	\$35.59	\$31.42
69	19-Feb-11	5	9	\$20.42	Yes	\$35.59	\$15.17
70	19-Feb-11	5	10	\$20.58	Yes	\$35.59	\$15.01
71	19-Feb-11	5	11	\$18.95	Yes	\$35.59	\$16.64
72	19-Feb-11	5	12	\$2.08	Yes	\$35.59	\$33.51
73	19-Feb-11	6	1	-\$28.45	Yes	\$35.59	\$64.04
74	19-Feb-11	6	2	\$0.00	Yes	\$35.59	\$35.59
75	19-Feb-11	6	3	\$0.00	Yes	\$35.59	\$35.59
76	19-Feb-11	6	4	\$2.02	Yes	\$35.59	\$33.57
77	19-Feb-11	6	5	\$4.11	Yes	\$35.59	\$31.48
78	19-Feb-11	6	6	\$4.11	Yes	\$35.59	\$31.48
79	19-Feb-11	6	7	\$0.05	Yes	\$35.59	\$35.54
80	19-Feb-11	6	8	\$2.02	Yes	\$35.59	\$33.57
81	19-Feb-11	6	9	\$0.05	Yes	\$35.59	\$35.54
82	19-Feb-11	6	10	\$2.02	Yes	\$35.59	\$33.57
83	19-Feb-11	6	11	\$2.06	Yes	\$35.59	\$33.53
84	19-Feb-11	6	12	\$2.02	Yes	\$35.59	\$33.57
85	19-Feb-11	7	1	\$0.00	Yes	\$35.59	\$35.59
86	19-Feb-11	7	2	\$0.00	Yes	\$35.59	\$35.59



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
87	19-Feb-11	7	3	-\$29.62	Yes	\$35.59	\$65.21
88	19-Feb-11	7	4	\$0.01	Yes	\$35.59	\$35.58
89	19-Feb-11	7	5	\$22.24	Yes	\$35.59	\$13.35
90	19-Feb-11	7	6	\$26.04	Yes	\$35.59	\$9.55
91	19-Feb-11	7	7	\$26.10	Yes	\$35.59	\$9.49
92	19-Feb-11	7	8	\$27.23	Yes	\$35.59	\$8.36
93	19-Feb-11	7	9	\$26.94	Yes	\$35.59	\$8.65
94	19-Feb-11	7	10	\$28.56	Yes	\$35.59	\$7.03
95	19-Feb-11	7	11	\$30.56	Yes	\$35.59	\$5.03
96	19-Feb-11	7	12	\$32.69	Yes	\$35.59	\$2.90
97	19-Feb-11	8	1	\$29.89	Yes	\$35.59	\$5.70
98	19-Feb-11	8	2	\$28.42	Yes	\$35.59	\$7.17
99	19-Feb-11	8	3	\$29.68	Yes	\$35.59	\$5.91
100	19-Feb-11	8	4	\$29.96	Yes	\$35.59	\$5.63
101	19-Feb-11	8	5	\$29.71	Yes	\$35.59	\$5.88
102	19-Feb-11	8	6	\$29.96	Yes	\$35.59	\$5.63
103	19-Feb-11	8	7	\$24.95	Yes	\$35.59	\$10.64
104	19-Feb-11	8	8	\$27.04	Yes	\$35.59	\$8.55
105	19-Feb-11	8	9	\$29.96	Yes	\$35.59	\$5.63
106	19-Feb-11	8	10	\$33.67	Yes	\$35.59	\$1.92
107	19-Feb-11	8	11	\$30.01	Yes	\$35.59	\$5.58
108	19-Feb-11	8	12	\$30.11	Yes	\$35.59	\$5.48
109	19-Feb-11	9	1	\$22.56	Yes	\$35.59	\$13.03
110	19-Feb-11	9	2	\$22.56	Yes	\$35.59	\$13.03
111	19-Feb-11	9	3	\$23.98	Yes	\$35.59	\$11.61
112	19-Feb-11	9	4	\$22.93	Yes	\$35.59	\$12.66
113	19-Feb-11	9	5	\$24.55	Yes	\$35.59	\$11.04
114	19-Feb-11	9	6	\$24.94	Yes	\$35.59	\$10.65
115	19-Feb-11	9	7	\$24.51	Yes	\$35.59	\$11.08
116	19-Feb-11	9	8	\$24.91	Yes	\$35.59	\$10.68
117	19-Feb-11	9	9	\$25.54	Yes	\$35.59	\$10.05
118	19-Feb-11	9	10	\$27.01	Yes	\$35.59	\$8.58
119	19-Feb-11	9	11	\$26.68	Yes	\$35.59	\$8.91
120	19-Feb-11	9	12	\$27.01	Yes	\$35.59	\$8.58
121	19-Feb-11	10	1	\$22.58	Yes	\$35.59	\$13.01
122	19-Feb-11	10	2	\$24.08	Yes	\$35.59	\$11.51
123	19-Feb-11	10	3	\$25.38	Yes	\$35.59	\$10.21
124	19-Feb-11	10	4	\$26.14	Yes	\$35.59	\$9.45
125	19-Feb-11	10	5	\$26.14	Yes	\$35.59	\$9.45
126	19-Feb-11	10	6	\$26.14	Yes	\$35.59	\$9.45
127	19-Feb-11	10	7	\$26.18	Yes	\$35.59	\$9.41
128	19-Feb-11	10	8	\$26.45	Yes	\$35.59	\$9.14
129	19-Feb-11	10	9	\$26.54	Yes	\$35.59	\$9.05
130	19-Feb-11	10	10	\$27.34	Yes	\$35.59	\$8.25
131	19-Feb-11	10	11	\$27.14	Yes	\$35.59	\$8.45

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
132	19-Feb-11	10	12	\$27.34	Yes	\$35.59	\$8.25
133	19-Feb-11	11	1	\$26.17	Yes	\$35.59	\$9.42
134	19-Feb-11	11	2	\$27.22	Yes	\$35.59	\$8.37
135	19-Feb-11	11	3	\$27.25	Yes	\$35.59	\$8.34
136	19-Feb-11	11	4	\$30.31	Yes	\$35.59	\$5.28
137	19-Feb-11	11	5	\$30.31	Yes	\$35.59	\$5.28
138	19-Feb-11	11	6	\$32.01	Yes	\$35.59	\$3.58
139	19-Feb-11	11	7	\$28.54	Yes	\$35.59	\$7.05
140	19-Feb-11	11	8	\$29.69	Yes	\$35.59	\$5.90
141	19-Feb-11	11	9	\$28.54	Yes	\$35.59	\$7.05
142	19-Feb-11	11	10	\$30.18	Yes	\$35.59	\$5.41
143	19-Feb-11	11	11	\$32.74	Yes	\$35.59	\$2.85
144	19-Feb-11	11	12	\$31.90	Yes	\$35.59	\$3.69
145	19-Feb-11	12	1	\$35.74	Yes	\$35.59	-\$0.15
146	19-Feb-11	12	2	\$46.76	Yes	\$35.59	-\$11.17
147	19-Feb-11	12	3	\$40.33	Yes	\$35.59	-\$4.74
148	19-Feb-11	12	4	\$49.54	Yes	\$35.59	-\$13.95
149	19-Feb-11	12	5	\$48.46	Yes	\$35.59	-\$12.87
150	19-Feb-11	12	6	\$45.37	Yes	\$35.59	-\$9.78
151	19-Feb-11	12	7	\$44.78	Yes	\$35.59	-\$9.19
152	19-Feb-11	12	8	\$40.28	Yes	\$35.59	-\$4.69
153	19-Feb-11	12	9	\$40.03	Yes	\$35.59	-\$4.44
154	19-Feb-11	12	10	\$43.86	Yes	\$35.59	-\$8.27
155	19-Feb-11	12	11	\$40.11	Yes	\$35.59	-\$4.52
156	19-Feb-11	12	12	\$39.82	Yes	\$35.59	-\$4.23
157	19-Feb-11	13	1	\$43.34	Yes	\$35.59	-\$7.75
158	19-Feb-11	13	2	\$40.39	Yes	\$35.59	-\$4.80
159	19-Feb-11	13	3	\$41.17	Yes	\$35.59	-\$5.58
160	19-Feb-11	13	4	\$28.24	Yes	\$35.59	\$7.35
161	19-Feb-11	13	5	\$32.65	Yes	\$35.59	\$2.94
162	19-Feb-11	13	6	\$35.70	Yes	\$35.59	-\$0.11
163	19-Feb-11	13	7	\$35.83	Yes	\$35.59	-\$0.24
164	19-Feb-11	13	8	\$35.72	Yes	\$35.59	-\$0.13
165	19-Feb-11	13	9	\$35.72	Yes	\$35.59	-\$0.13
166	19-Feb-11	13	10	\$32.74	Yes	\$35.59	\$2.85
167	19-Feb-11	13	11	\$33.63	Yes	\$35.59	\$1.96
168	19-Feb-11	13	12	\$36.50	Yes	\$35.59	-\$0.91
169	19-Feb-11	14	1	\$33.51	Yes	\$35.59	\$2.08
170	19-Feb-11	14	2	\$35.49	Yes	\$35.59	\$0.10
171	19-Feb-11	14	3	\$33.51	Yes	\$35.59	\$2.08
172	19-Feb-11	14	4	\$33.68	Yes	\$35.59	\$1.91
173	19-Feb-11	14	5	\$33.57	Yes	\$35.59	\$2.02
174	19-Feb-11	14	6	\$32.79	Yes	\$35.59	\$2.80
175	19-Feb-11	14	7	\$33.63	Yes	\$35.59	\$1.96
176	19-Feb-11	14	8	\$32.77	Yes	\$35.59	\$2.82

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
177	19-Feb-11	14	9	\$32.77	Yes	\$35.59	\$2.82
178	19-Feb-11	14	10	\$32.75	Yes	\$35.59	\$2.84
179	19-Feb-11	14	11	\$32.75	Yes	\$35.59	\$2.84
180	19-Feb-11	14	12	\$32.75	Yes	\$35.59	\$2.84
181	19-Feb-11	15	1	\$33.54	Yes	\$35.59	\$2.05
182	19-Feb-11	15	2	\$31.56	Yes	\$35.59	\$4.03
183	19-Feb-11	15	3	\$28.29	Yes	\$35.59	\$7.30
184	19-Feb-11	15	4	\$28.28	Yes	\$35.59	\$7.31
185	19-Feb-11	15	5	\$28.28	Yes	\$35.59	\$7.31
186	19-Feb-11	15	6	\$28.28	Yes	\$35.59	\$7.31
187	19-Feb-11	15	7	\$27.21	Yes	\$35.59	\$8.38
188	19-Feb-11	15	8	\$25.41	Yes	\$35.59	\$10.18
189	19-Feb-11	15	9	\$25.37	Yes	\$35.59	\$10.22
190	19-Feb-11	15	10	\$24.25	Yes	\$35.59	\$11.34
191	19-Feb-11	15	11	\$24.98	Yes	\$35.59	\$10.61
192	19-Feb-11	15	12	\$25.35	Yes	\$35.59	\$10.24
193	19-Feb-11	16	1	\$27.27	Yes	\$35.59	\$8.32
194	19-Feb-11	16	2	\$28.21	Yes	\$35.59	\$7.38
195	19-Feb-11	16	3	\$27.27	Yes	\$35.59	\$8.32
196	19-Feb-11	16	4	\$27.33	Yes	\$35.59	\$8.26
197	19-Feb-11	16	5	\$27.34	Yes	\$35.59	\$8.25
198	19-Feb-11	16	6	\$28.37	Yes	\$35.59	\$7.22
199	19-Feb-11	16	7	\$25.04	Yes	\$35.59	\$10.55
200	19-Feb-11	16	8	\$25.19	Yes	\$35.59	\$10.40
201	19-Feb-11	16	9	\$27.17	Yes	\$35.59	\$8.42
202	19-Feb-11	16	10	\$46.44	Yes	\$35.59	-\$10.85
203	19-Feb-11	16	11	\$37.48	Yes	\$35.59	-\$1.89
204	19-Feb-11	16	12	\$36.50	Yes	\$35.59	-\$0.91
205	19-Feb-11	17	1	\$33.04	Yes	\$35.59	\$2.55
206	19-Feb-11	17	2	\$32.89	Yes	\$35.59	\$2.70
207	19-Feb-11	17	3	\$29.69	Yes	\$35.59	\$5.90
208	19-Feb-11	17	4	\$32.94	Yes	\$35.59	\$2.65
209	19-Feb-11	17	5	\$32.05	Yes	\$35.59	\$3.54
210	19-Feb-11	17	6	\$32.94	Yes	\$35.59	\$2.65
211	19-Feb-11	17	7	\$32.86	Yes	\$35.59	\$2.73
212	19-Feb-11	17	8	\$35.82	Yes	\$35.59	-\$0.23
213	19-Feb-11	17	9	\$39.34	Yes	\$35.59	-\$3.75
214	19-Feb-11	17	10	\$40.88	Yes	\$35.59	-\$5.29
215	19-Feb-11	17	11	\$40.88	Yes	\$35.59	-\$5.29
216	19-Feb-11	17	12	\$70.78	Yes	\$35.59	-\$35.19
217	19-Feb-11	18	1	\$25.45	Yes	\$35.59	\$10.14
218	19-Feb-11	18	2	\$27.27	Yes	\$35.59	\$8.32
219	19-Feb-11	18	3	\$29.98	Yes	\$35.59	\$5.61
220	19-Feb-11	18	4	\$24.97	Yes	\$35.59	\$10.62
221	19-Feb-11	18	5	\$29.80	Yes	\$35.59	\$5.79

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
222	19-Feb-11	18	6	\$32.86	Yes	\$35.59	\$2.73
223	19-Feb-11	18	7	\$32.84	Yes	\$35.59	\$2.75
224	19-Feb-11	18	8	\$35.23	Yes	\$35.59	\$0.36
225	19-Feb-11	18	9	\$41.00	Yes	\$35.59	-\$5.41
226	19-Feb-11	18	10	\$72.55	Yes	\$35.59	-\$36.96
227	19-Feb-11	18	11	\$54.35	Yes	\$35.59	-\$18.76
228	19-Feb-11	18	12	\$72.55	Yes	\$35.59	-\$36.96
229	19-Feb-11	19	1	\$45.31	Yes	\$35.59	-\$9.72
230	19-Feb-11	19	2	\$36.73	Yes	\$35.59	-\$1.14
231	19-Feb-11	19	3	\$36.66	Yes	\$35.59	-\$1.07
232	19-Feb-11	19	4	\$40.17	Yes	\$35.59	-\$4.58
233	19-Feb-11	19	5	\$33.00	Yes	\$35.59	\$2.59
234	19-Feb-11	19	6	\$36.74	Yes	\$35.59	-\$1.15
235	19-Feb-11	19	7	\$36.87	Yes	\$35.59	-\$1.28
236	19-Feb-11	19	8	\$36.87	Yes	\$35.59	-\$1.28
237	19-Feb-11	19	9	\$38.62	Yes	\$35.59	-\$3.03
238	19-Feb-11	19	10	\$38.66	Yes	\$35.59	-\$3.07
239	19-Feb-11	19	11	\$38.26	Yes	\$35.59	-\$2.67
240	19-Feb-11	19	12	\$40.06	Yes	\$35.59	-\$4.47
241	19-Feb-11	20	1	\$43.43	Yes	\$35.59	-\$7.84
242	19-Feb-11	20	2	\$41.33	Yes	\$35.59	-\$5.74
243	19-Feb-11	20	3	\$45.63	Yes	\$35.59	-\$10.04
244	19-Feb-11	20	4	\$73.37	Yes	\$35.59	-\$37.78
245	19-Feb-11	20	5	\$50.22	Yes	\$35.59	-\$14.63
246	19-Feb-11	20	6	\$41.28	Yes	\$35.59	-\$5.69
247	19-Feb-11	20	7	\$38.66	Yes	\$35.59	-\$3.07
248	19-Feb-11	20	8	\$36.46	Yes	\$35.59	-\$0.87
249	19-Feb-11	20	9	\$36.27	Yes	\$35.59	-\$0.68
250	19-Feb-11	20	10	\$37.78	Yes	\$35.59	-\$2.19
251	19-Feb-11	20	11	\$32.99	Yes	\$35.59	\$2.60
252	19-Feb-11	20	12	\$32.81	Yes	\$35.59	\$2.78
253	19-Feb-11	21	1	\$746.25	Yes	\$35.59	-\$710.66
254	19-Feb-11	21	2	\$746.25	Yes	\$35.59	-\$710.66
255	19-Feb-11	21	3	\$744.31	Yes	\$35.59	-\$708.72
256	19-Feb-11	21	4	\$746.63	Yes	\$35.59	-\$711.04
257	19-Feb-11	21	5	\$258.69	Yes	\$35.59	-\$223.10
258	19-Feb-11	21	6	\$52.70	Yes	\$35.59	-\$17.11
259	19-Feb-11	21	7	\$47.24	Yes	\$35.59	-\$11.65
260	19-Feb-11	21	8	\$41.46	Yes	\$35.59	-\$5.87
261	19-Feb-11	21	9	\$28.58	Yes	\$35.59	\$7.01
262	19-Feb-11	21	10	\$27.45	Yes	\$35.59	\$8.14
263	19-Feb-11	21	11	\$28.48	Yes	\$35.59	\$7.11
264	19-Feb-11	21	12	\$27.83	Yes	\$35.59	\$7.76
265	19-Feb-11	22	1	\$38.68	Yes	\$35.59	-\$3.09
266	19-Feb-11	22	2	\$36.88	Yes	\$35.59	-\$1.29

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
267	19-Feb-11	22	3	\$27.53	Yes	\$35.59	\$8.06
268	19-Feb-11	22	4	\$28.54	Yes	\$35.59	\$7.05
269	19-Feb-11	22	5	\$29.73	Yes	\$35.59	\$5.86
270	19-Feb-11	22	6	\$28.54	Yes	\$35.59	\$7.05
271	19-Feb-11	22	7	\$28.39	Yes	\$35.59	\$7.20
272	19-Feb-11	22	8	\$26.31	Yes	\$35.59	\$9.28
273	19-Feb-11	22	9	\$25.61	Yes	\$35.59	\$9.98
274	19-Feb-11	22	10	\$25.59	Yes	\$35.59	\$10.00
275	19-Feb-11	22	11	\$24.92	Yes	\$35.59	\$10.67
276	19-Feb-11	22	12	\$22.68	Yes	\$35.59	\$12.91
277	19-Feb-11	23	1	\$51.76	Yes	\$35.59	-\$16.17
278	19-Feb-11	23	2	\$40.29	Yes	\$35.59	-\$4.70
279	19-Feb-11	23	3	\$40.29	Yes	\$35.59	-\$4.70
280	19-Feb-11	23	4	\$32.78	Yes	\$35.59	\$2.81
281	19-Feb-11	23	5	\$29.73	Yes	\$35.59	\$5.86
282	19-Feb-11	23	6	\$24.97	Yes	\$35.59	\$10.62
283	19-Feb-11	23	7	\$25.52	Yes	\$35.59	\$10.07
284	19-Feb-11	23	8	\$24.91	Yes	\$35.59	\$10.68
285	19-Feb-11	23	9	\$24.92	Yes	\$35.59	\$10.67
286	19-Feb-11	23	10	\$24.90	Yes	\$35.59	\$10.69
287	19-Feb-11	23	11	\$24.90	Yes	\$35.59	\$10.69
288	19-Feb-11	23	12	\$24.90	Yes	\$35.59	\$10.69
289	22-Feb-11	1	1	\$33.04	Yes	\$35.59	\$2.55
290	22-Feb-11	1	2	\$32.10	Yes	\$35.59	\$3.49
291	22-Feb-11	1	3	\$32.10	Yes	\$35.59	\$3.49
292	22-Feb-11	1	4	\$32.10	Yes	\$35.59	\$3.49
293	22-Feb-11	1	5	\$32.10	Yes	\$35.59	\$3.49
294	22-Feb-11	1	6	\$32.10	Yes	\$35.59	\$3.49
295	22-Feb-11	1	7	\$2.07	Yes	\$35.59	\$33.52
296	22-Feb-11	1	8	\$2.07	Yes	\$35.59	\$33.52
297	22-Feb-11	1	9	\$0.00	Yes	\$35.59	\$35.59
298	22-Feb-11	1	10	-\$27.47	Yes	\$35.59	\$63.06
299	22-Feb-11	1	11	\$0.00	Yes	\$35.59	\$35.59
300	22-Feb-11	1	12	-\$27.47	Yes	\$35.59	\$63.06
301	22-Feb-11	2	1	\$0.00	Yes	\$35.59	\$35.59
302	22-Feb-11	2	2	-\$27.48	Yes	\$35.59	\$63.07
303	22-Feb-11	2	3	-\$27.48	Yes	\$35.59	\$63.07
304	22-Feb-11	2	4	\$0.00	Yes	\$35.59	\$35.59
305	22-Feb-11	2	5	\$0.00	Yes	\$35.59	\$35.59
306	22-Feb-11	2	6	\$0.00	Yes	\$35.59	\$35.59
307	22-Feb-11	2	7	-\$27.43	Yes	\$35.59	\$63.02
308	22-Feb-11	2	8	-\$27.43	Yes	\$35.59	\$63.02
309	22-Feb-11	2	9	\$24.75	Yes	\$35.59	\$10.84
310	22-Feb-11	2	10	\$25.79	Yes	\$35.59	\$9.80
311	22-Feb-11	2	11	-\$27.45	Yes	\$35.59	\$63.04

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
312	22-Feb-11	2	12	\$0.05	Yes	\$35.59	\$35.54
313	22-Feb-11	3	1	\$26.52	Yes	\$35.59	\$9.07
314	22-Feb-11	3	2	\$25.48	Yes	\$35.59	\$10.11
315	22-Feb-11	3	3	\$24.67	Yes	\$35.59	\$10.92
316	22-Feb-11	3	4	-\$27.59	Yes	\$35.59	\$63.18
317	22-Feb-11	3	5	\$0.00	Yes	\$35.59	\$35.59
318	22-Feb-11	3	6	-\$27.59	Yes	\$35.59	\$63.18
319	22-Feb-11	3	7	\$0.01	Yes	\$35.59	\$35.58
320	22-Feb-11	3	8	-\$27.55	Yes	\$35.59	\$63.14
321	22-Feb-11	3	9	-\$27.55	Yes	\$35.59	\$63.14
322	22-Feb-11	3	10	-\$27.58	Yes	\$35.59	\$63.17
323	22-Feb-11	3	11	-\$27.58	Yes	\$35.59	\$63.17
324	22-Feb-11	3	12	\$0.00	Yes	\$35.59	\$35.59
325	22-Feb-11	4	1	\$0.02	Yes	\$35.59	\$35.57
326	22-Feb-11	4	2	-\$27.52	Yes	\$35.59	\$63.11
327	22-Feb-11	4	3	\$0.00	Yes	\$35.59	\$35.59
328	22-Feb-11	4	4	-\$27.68	Yes	\$35.59	\$63.27
329	22-Feb-11	4	5	\$0.00	Yes	\$35.59	\$35.59
330	22-Feb-11	4	6	\$0.00	Yes	\$35.59	\$35.59
331	22-Feb-11	4	7	-\$27.38	Yes	\$35.59	\$62.97
332	22-Feb-11	4	8	\$0.00	Yes	\$35.59	\$35.59
333	22-Feb-11	4	9	\$0.00	Yes	\$35.59	\$35.59
334	22-Feb-11	4	10	\$0.01	Yes	\$35.59	\$35.58
335	22-Feb-11	4	11	\$0.01	Yes	\$35.59	\$35.58
336	22-Feb-11	4	12	-\$27.33	Yes	\$35.59	\$62.92
337	22-Feb-11	5	1	\$0.05	Yes	\$35.59	\$35.54
338	22-Feb-11	5	2	\$2.05	Yes	\$35.59	\$33.54
339	22-Feb-11	5	3	\$2.05	Yes	\$35.59	\$33.54
340	22-Feb-11	5	4	\$2.06	Yes	\$35.59	\$33.53
341	22-Feb-11	5	5	\$2.06	Yes	\$35.59	\$33.53
342	22-Feb-11	5	6	\$25.58	Yes	\$35.59	\$10.01
343	22-Feb-11	5	7	\$25.58	Yes	\$35.59	\$10.01
344	22-Feb-11	5	8	\$26.19	Yes	\$35.59	\$9.40
345	22-Feb-11	5	9	\$25.70	Yes	\$35.59	\$9.89
346	22-Feb-11	5	10	\$26.48	Yes	\$35.59	\$9.11
347	22-Feb-11	5	11	\$26.24	Yes	\$35.59	\$9.35
348	22-Feb-11	5	12	\$29.55	Yes	\$35.59	\$6.04
349	22-Feb-11	6	1	\$16.82	Yes	\$35.59	\$18.77
350	22-Feb-11	6	2	\$23.88	Yes	\$35.59	\$11.71
351	22-Feb-11	6	3	\$24.59	Yes	\$35.59	\$11.00
352	22-Feb-11	6	4	\$24.69	Yes	\$35.59	\$10.90
353	22-Feb-11	6	5	\$25.96	Yes	\$35.59	\$9.63
354	22-Feb-11	6	6	\$26.85	Yes	\$35.59	\$8.74
355	22-Feb-11	6	7	\$25.72	Yes	\$35.59	\$9.87
356	22-Feb-11	6	8	\$24.69	Yes	\$35.59	\$10.90

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
357	22-Feb-11	6	9	\$30.01	Yes	\$35.59	\$5.58
358	22-Feb-11	6	10	\$35.71	Yes	\$35.59	-\$0.12
359	22-Feb-11	6	11	\$42.52	Yes	\$35.59	-\$6.93
360	22-Feb-11	6	12	\$55.14	Yes	\$35.59	-\$19.55
361	22-Feb-11	7	1	\$7.54	Yes	\$35.59	\$28.05
362	22-Feb-11	7	2	\$11.90	Yes	\$35.59	\$23.69
363	22-Feb-11	7	3	\$26.04	Yes	\$35.59	\$9.55
364	22-Feb-11	7	4	\$27.82	Yes	\$35.59	\$7.77
365	22-Feb-11	7	5	\$30.04	Yes	\$35.59	\$5.55
366	22-Feb-11	7	6	\$32.10	Yes	\$35.59	\$3.49
367	22-Feb-11	7	7	\$32.90	Yes	\$35.59	\$2.69
368	22-Feb-11	7	8	\$30.21	Yes	\$35.59	\$5.38
369	22-Feb-11	7	9	\$32.90	Yes	\$35.59	\$2.69
370	22-Feb-11	7	10	\$37.12	Yes	\$35.59	-\$1.53
371	22-Feb-11	7	11	\$38.26	Yes	\$35.59	-\$2.67
372	22-Feb-11	7	12	\$41.90	Yes	\$35.59	-\$6.31
373	22-Feb-11	8	1	\$23.75	Yes	\$35.59	\$11.84
374	22-Feb-11	8	2	\$25.93	Yes	\$35.59	\$9.66
375	22-Feb-11	8	3	\$25.27	Yes	\$35.59	\$10.32
376	22-Feb-11	8	4	\$25.79	Yes	\$35.59	\$9.80
377	22-Feb-11	8	5	\$26.48	Yes	\$35.59	\$9.11
378	22-Feb-11	8	6	\$27.00	Yes	\$35.59	\$8.59
379	22-Feb-11	8	7	\$27.59	Yes	\$35.59	\$8.00
380	22-Feb-11	8	8	\$27.35	Yes	\$35.59	\$8.24
381	22-Feb-11	8	9	\$26.96	Yes	\$35.59	\$8.63
382	22-Feb-11	8	10	\$26.85	Yes	\$35.59	\$8.74
383	22-Feb-11	8	11	\$26.61	Yes	\$35.59	\$8.98
384	22-Feb-11	8	12	\$26.95	Yes	\$35.59	\$8.64
385	22-Feb-11	9	1	\$29.83	Yes	\$35.59	\$5.76
386	22-Feb-11	9	2	\$27.78	Yes	\$35.59	\$7.81
387	22-Feb-11	9	3	\$27.48	Yes	\$35.59	\$8.11
388	22-Feb-11	9	4	\$29.74	Yes	\$35.59	\$5.85
389	22-Feb-11	9	5	\$30.66	Yes	\$35.59	\$4.93
390	22-Feb-11	9	6	\$34.41	Yes	\$35.59	\$1.18
391	22-Feb-11	9	7	\$36.99	Yes	\$35.59	-\$1.40
392	22-Feb-11	9	8	\$36.99	Yes	\$35.59	-\$1.40
393	22-Feb-11	9	9	\$36.06	Yes	\$35.59	-\$0.47
394	22-Feb-11	9	10	\$34.44	Yes	\$35.59	\$1.15
395	22-Feb-11	9	11	\$34.44	Yes	\$35.59	\$1.15
396	22-Feb-11	9	12	\$27.48	Yes	\$35.59	\$8.11
397	22-Feb-11	10	1	\$27.54	Yes	\$35.59	\$8.05
398	22-Feb-11	10	2	\$30.08	Yes	\$35.59	\$5.51
399	22-Feb-11	10	3	\$27.16	Yes	\$35.59	\$8.43
400	22-Feb-11	10	4	\$26.62	Yes	\$35.59	\$8.97
401	22-Feb-11	10	5	\$26.62	Yes	\$35.59	\$8.97

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
402	22-Feb-11	10	6	\$26.62	Yes	\$35.59	\$8.97
403	22-Feb-11	10	7	\$26.71	Yes	\$35.59	\$8.88
404	22-Feb-11	10	8	\$26.68	Yes	\$35.59	\$8.91
405	22-Feb-11	10	9	\$26.63	Yes	\$35.59	\$8.96
406	22-Feb-11	10	10	\$26.51	Yes	\$35.59	\$9.08
407	22-Feb-11	10	11	\$26.25	Yes	\$35.59	\$9.34
408	22-Feb-11	10	12	\$25.51	Yes	\$35.59	\$10.08
409	22-Feb-11	11	1	\$29.67	Yes	\$35.59	\$5.92
410	22-Feb-11	11	2	\$27.42	Yes	\$35.59	\$8.17
411	22-Feb-11	11	3	\$26.82	Yes	\$35.59	\$8.77
412	22-Feb-11	11	4	\$26.66	Yes	\$35.59	\$8.93
413	22-Feb-11	11	5	\$26.57	Yes	\$35.59	\$9.02
414	22-Feb-11	11	6	\$26.66	Yes	\$35.59	\$8.93
415	22-Feb-11	11	7	\$26.71	Yes	\$35.59	\$8.88
416	22-Feb-11	11	8	\$26.50	Yes	\$35.59	\$9.09
417	22-Feb-11	11	9	\$26.35	Yes	\$35.59	\$9.24
418	22-Feb-11	11	10	\$26.35	Yes	\$35.59	\$9.24
419	22-Feb-11	11	11	\$25.84	Yes	\$35.59	\$9.75
420	22-Feb-11	11	12	\$25.84	Yes	\$35.59	\$9.75
421	22-Feb-11	12	1	\$26.33	Yes	\$35.59	\$9.26
422	22-Feb-11	12	2	\$26.15	Yes	\$35.59	\$9.44
423	22-Feb-11	12	3	\$25.75	Yes	\$35.59	\$9.84
424	22-Feb-11	12	4	\$25.36	Yes	\$35.59	\$10.23
425	22-Feb-11	12	5	\$25.16	Yes	\$35.59	\$10.43
426	22-Feb-11	12	6	\$25.67	Yes	\$35.59	\$9.92
427	22-Feb-11	12	7	\$25.61	Yes	\$35.59	\$9.98
428	22-Feb-11	12	8	\$25.36	Yes	\$35.59	\$10.23
429	22-Feb-11	12	9	\$25.10	Yes	\$35.59	\$10.49
430	22-Feb-11	12	10	\$25.34	Yes	\$35.59	\$10.25
431	22-Feb-11	12	11	\$24.96	Yes	\$35.59	\$10.63
432	22-Feb-11	12	12	\$25.06	Yes	\$35.59	\$10.53
433	22-Feb-11	13	1	\$25.62	Yes	\$35.59	\$9.97
434	22-Feb-11	13	2	\$25.65	Yes	\$35.59	\$9.94
435	22-Feb-11	13	3	\$25.14	Yes	\$35.59	\$10.45
436	22-Feb-11	13	4	\$25.15	Yes	\$35.59	\$10.44
437	22-Feb-11	13	5	\$25.15	Yes	\$35.59	\$10.44
438	22-Feb-11	13	6	\$25.19	Yes	\$35.59	\$10.40
439	22-Feb-11	13	7	\$25.62	Yes	\$35.59	\$9.97
440	22-Feb-11	13	8	\$25.62	Yes	\$35.59	\$9.97
441	22-Feb-11	13	9	\$25.62	Yes	\$35.59	\$9.97
442	22-Feb-11	13	10	\$25.62	Yes	\$35.59	\$9.97
443	22-Feb-11	13	11	\$25.44	Yes	\$35.59	\$10.15
444	22-Feb-11	13	12	\$25.44	Yes	\$35.59	\$10.15
445	22-Feb-11	14	1	\$25.56	Yes	\$35.59	\$10.03
446	22-Feb-11	14	2	\$25.14	Yes	\$35.59	\$10.45



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
447	22-Feb-11	14	3	\$24.72	Yes	\$35.59	\$10.87
448	22-Feb-11	14	4	\$24.58	Yes	\$35.59	\$11.01
449	22-Feb-11	14	5	\$24.73	Yes	\$35.59	\$10.86
450	22-Feb-11	14	6	\$24.58	Yes	\$35.59	\$11.01
451	22-Feb-11	14	7	\$25.13	Yes	\$35.59	\$10.46
452	22-Feb-11	14	8	\$24.77	Yes	\$35.59	\$10.82
453	22-Feb-11	14	9	\$24.77	Yes	\$35.59	\$10.82
454	22-Feb-11	14	10	\$24.81	Yes	\$35.59	\$10.78
455	22-Feb-11	14	11	\$24.60	Yes	\$35.59	\$10.99
456	22-Feb-11	14	12	\$22.55	Yes	\$35.59	\$13.04
457	22-Feb-11	15	1	\$25.61	Yes	\$35.59	\$9.98
458	22-Feb-11	15	2	\$25.39	Yes	\$35.59	\$10.20
459	22-Feb-11	15	3	\$24.83	Yes	\$35.59	\$10.76
460	22-Feb-11	15	4	\$24.69	Yes	\$35.59	\$10.90
461	22-Feb-11	15	5	\$22.55	Yes	\$35.59	\$13.04
462	22-Feb-11	15	6	\$22.55	Yes	\$35.59	\$13.04
463	22-Feb-11	15	7	\$24.61	Yes	\$35.59	\$10.98
464	22-Feb-11	15	8	\$22.53	Yes	\$35.59	\$13.06
465	22-Feb-11	15	9	\$22.53	Yes	\$35.59	\$13.06
466	22-Feb-11	15	10	\$16.77	Yes	\$35.59	\$18.82
467	22-Feb-11	15	11	\$11.73	Yes	\$35.59	\$23.86
468	22-Feb-11	15	12	\$11.73	Yes	\$35.59	\$23.86
469	22-Feb-11	16	1	\$21.45	Yes	\$35.59	\$14.14
470	22-Feb-11	16	2	\$21.45	Yes	\$35.59	\$14.14
471	22-Feb-11	16	3	\$11.71	Yes	\$35.59	\$23.88
472	22-Feb-11	16	4	\$11.77	Yes	\$35.59	\$23.82
473	22-Feb-11	16	5	\$11.77	Yes	\$35.59	\$23.82
474	22-Feb-11	16	6	\$11.77	Yes	\$35.59	\$23.82
475	22-Feb-11	16	7	\$10.53	Yes	\$35.59	\$25.06
476	22-Feb-11	16	8	\$10.53	Yes	\$35.59	\$25.06
477	22-Feb-11	16	9	\$11.75	Yes	\$35.59	\$23.84
478	22-Feb-11	16	10	\$11.76	Yes	\$35.59	\$23.83
479	22-Feb-11	16	11	\$10.51	Yes	\$35.59	\$25.08
480	22-Feb-11	16	12	\$15.02	Yes	\$35.59	\$20.57
481	22-Feb-11	17	1	\$10.54	Yes	\$35.59	\$25.05
482	22-Feb-11	17	2	\$10.54	Yes	\$35.59	\$25.05
483	22-Feb-11	17	3	\$10.54	Yes	\$35.59	\$25.05
484	22-Feb-11	17	4	\$10.53	Yes	\$35.59	\$25.06
485	22-Feb-11	17	5	\$10.53	Yes	\$35.59	\$25.06
486	22-Feb-11	17	6	\$10.53	Yes	\$35.59	\$25.06
487	22-Feb-11	17	7	\$10.53	Yes	\$35.59	\$25.06
488	22-Feb-11	17	8	\$10.53	Yes	\$35.59	\$25.06
489	22-Feb-11	17	9	\$10.53	Yes	\$35.59	\$25.06
490	22-Feb-11	17	10	\$10.53	Yes	\$35.59	\$25.06
491	22-Feb-11	17	11	\$15.12	Yes	\$35.59	\$20.47

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
492	22-Feb-11	17	12	\$22.47	Yes	\$35.59	\$13.12
493	22-Feb-11	18	1	\$5.11	Yes	\$35.59	\$30.48
494	22-Feb-11	18	2	\$5.05	Yes	\$35.59	\$30.54
495	22-Feb-11	18	3	\$1.02	Yes	\$35.59	\$34.57
496	22-Feb-11	18	4	\$5.41	Yes	\$35.59	\$30.18
497	22-Feb-11	18	5	\$10.73	Yes	\$35.59	\$24.86
498	22-Feb-11	18	6	\$12.10	Yes	\$35.59	\$23.49
499	22-Feb-11	18	7	\$20.72	Yes	\$35.59	\$14.87
500	22-Feb-11	18	8	\$22.68	Yes	\$35.59	\$12.91
501	22-Feb-11	18	9	\$24.91	Yes	\$35.59	\$10.68
502	22-Feb-11	18	10	\$25.44	Yes	\$35.59	\$10.15
503	22-Feb-11	18	11	\$26.53	Yes	\$35.59	\$9.06
504	22-Feb-11	18	12	\$29.57	Yes	\$35.59	\$6.02
505	22-Feb-11	19	1	\$25.43	Yes	\$35.59	\$10.16
506	22-Feb-11	19	2	\$24.98	Yes	\$35.59	\$10.61
507	22-Feb-11	19	3	\$25.43	Yes	\$35.59	\$10.16
508	22-Feb-11	19	4	\$25.49	Yes	\$35.59	\$10.10
509	22-Feb-11	19	5	\$26.46	Yes	\$35.59	\$9.13
510	22-Feb-11	19	6	\$26.53	Yes	\$35.59	\$9.06
511	22-Feb-11	19	7	\$26.41	Yes	\$35.59	\$9.18
512	22-Feb-11	19	8	\$25.93	Yes	\$35.59	\$9.66
513	22-Feb-11	19	9	\$25.51	Yes	\$35.59	\$10.08
514	22-Feb-11	19	10	\$25.19	Yes	\$35.59	\$10.40
515	22-Feb-11	19	11	\$25.48	Yes	\$35.59	\$10.11
516	22-Feb-11	19	12	\$25.72	Yes	\$35.59	\$9.87
517	22-Feb-11	20	1	\$27.11	Yes	\$35.59	\$8.48
518	22-Feb-11	20	2	\$26.98	Yes	\$35.59	\$8.61
519	22-Feb-11	20	3	\$27.12	Yes	\$35.59	\$8.47
520	22-Feb-11	20	4	\$27.42	Yes	\$35.59	\$8.17
521	22-Feb-11	20	5	\$27.42	Yes	\$35.59	\$8.17
522	22-Feb-11	20	6	\$27.42	Yes	\$35.59	\$8.17
523	22-Feb-11	20	7	\$27.47	Yes	\$35.59	\$8.12
524	22-Feb-11	20	8	\$27.47	Yes	\$35.59	\$8.12
525	22-Feb-11	20	9	\$27.35	Yes	\$35.59	\$8.24
526	22-Feb-11	20	10	\$27.15	Yes	\$35.59	\$8.44
527	22-Feb-11	20	11	\$27.31	Yes	\$35.59	\$8.28
528	22-Feb-11	20	12	\$26.35	Yes	\$35.59	\$9.24
529	22-Feb-11	21	1	\$27.63	Yes	\$35.59	\$7.96
530	22-Feb-11	21	2	\$27.15	Yes	\$35.59	\$8.44
531	22-Feb-11	21	3	\$26.63	Yes	\$35.59	\$8.96
532	22-Feb-11	21	4	\$26.39	Yes	\$35.59	\$9.20
533	22-Feb-11	21	5	\$26.76	Yes	\$35.59	\$8.83
534	22-Feb-11	21	6	\$26.53	Yes	\$35.59	\$9.06
535	22-Feb-11	21	7	\$26.35	Yes	\$35.59	\$9.24
536	22-Feb-11	21	8	\$26.35	Yes	\$35.59	\$9.24

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
537	22-Feb-11	21	9	\$26.35	Yes	\$35.59	\$9.24
538	22-Feb-11	21	10	\$26.28	Yes	\$35.59	\$9.31
539	22-Feb-11	21	11	\$25.85	Yes	\$35.59	\$9.74
540	22-Feb-11	21	12	\$18.59	Yes	\$35.59	\$17.00
541	22-Feb-11	22	1	\$33.11	Yes	\$35.59	\$2.48
542	22-Feb-11	22	2	\$28.72	Yes	\$35.59	\$6.87
543	22-Feb-11	22	3	\$26.52	Yes	\$35.59	\$9.07
544	22-Feb-11	22	4	\$26.38	Yes	\$35.59	\$9.21
545	22-Feb-11	22	5	\$25.94	Yes	\$35.59	\$9.65
546	22-Feb-11	22	6	\$26.21	Yes	\$35.59	\$9.38
547	22-Feb-11	22	7	\$25.72	Yes	\$35.59	\$9.87
548	22-Feb-11	22	8	\$25.28	Yes	\$35.59	\$10.31
549	22-Feb-11	22	9	\$25.15	Yes	\$35.59	\$10.44
550	22-Feb-11	22	10	\$24.46	Yes	\$35.59	\$11.13
551	22-Feb-11	22	11	\$15.71	Yes	\$35.59	\$19.88
552	22-Feb-11	22	12	\$10.42	Yes	\$35.59	\$25.17
553	22-Feb-11	23	1	\$80.02	Yes	\$35.59	-\$44.43
554	22-Feb-11	23	2	\$43.60	Yes	\$35.59	-\$8.01
555	22-Feb-11	23	3	\$33.09	Yes	\$35.59	\$2.50
556	22-Feb-11	23	4	\$30.37	Yes	\$35.59	\$5.22
557	22-Feb-11	23	5	\$28.32	Yes	\$35.59	\$7.27
558	22-Feb-11	23	6	\$26.05	Yes	\$35.59	\$9.54
559	22-Feb-11	23	7	\$24.56	Yes	\$35.59	\$11.03
560	22-Feb-11	23	8	\$24.06	Yes	\$35.59	\$11.53
561	22-Feb-11	23	9	\$15.67	Yes	\$35.59	\$19.92
562	22-Feb-11	23	10	\$14.88	Yes	\$35.59	\$20.71
563	22-Feb-11	23	11	\$19.11	Yes	\$35.59	\$16.48
564	22-Feb-11	23	12	\$5.21	Yes	\$35.59	\$30.38
565	23-Feb-11	24	1	\$38.69	Yes	\$36.37	-\$2.32
566	23-Feb-11	24	2	\$32.83	Yes	\$36.37	\$3.54
567	23-Feb-11	24	3	\$30.59	Yes	\$36.37	\$5.78
568	23-Feb-11	24	4	\$27.10	Yes	\$36.37	\$9.27
569	23-Feb-11	24	5	\$26.99	Yes	\$36.37	\$9.38
570	23-Feb-11	24	6	\$27.70	Yes	\$36.37	\$8.67
571	23-Feb-11	24	7	\$27.72	Yes	\$36.37	\$8.65
572	23-Feb-11	24	8	\$26.37	Yes	\$36.37	\$10.00
573	23-Feb-11	24	9	\$25.72	Yes	\$36.37	\$10.65
574	23-Feb-11	24	10	\$3.06	Yes	\$36.37	\$33.31
575	23-Feb-11	24	11	\$3.06	Yes	\$36.37	\$33.31
576	23-Feb-11	24	12	\$7.41	Yes	\$36.37	\$28.96
577	24-Feb-11	1	1	\$37.39	Yes	\$35.82	-\$1.57
578	24-Feb-11	1	2	\$28.66	Yes	\$35.82	\$7.16
579	24-Feb-11	1	3	\$25.51	Yes	\$35.82	\$10.31
580	24-Feb-11	1	4	\$21.90	Yes	\$35.82	\$13.92
581	24-Feb-11	1	5	\$24.22	Yes	\$35.82	\$11.60

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
582	24-Feb-11	1	6	\$21.90	Yes	\$35.82	\$13.92
583	24-Feb-11	1	7	\$22.06	Yes	\$35.82	\$13.76
584	24-Feb-11	1	8	\$15.32	Yes	\$35.82	\$20.50
585	24-Feb-11	1	9	\$2.03	Yes	\$35.82	\$33.79
586	24-Feb-11	1	10	\$15.27	Yes	\$35.82	\$20.55
587	24-Feb-11	1	11	\$25.56	Yes	\$35.82	\$10.26
588	24-Feb-11	1	12	\$27.06	Yes	\$35.82	\$8.76
589	24-Feb-11	2	1	\$27.21	Yes	\$35.82	\$8.61
590	24-Feb-11	2	2	\$32.01	Yes	\$35.82	\$3.81
591	24-Feb-11	2	3	\$33.01	Yes	\$35.82	\$2.81
592	24-Feb-11	2	4	\$28.76	Yes	\$35.82	\$7.06
593	24-Feb-11	2	5	\$25.94	Yes	\$35.82	\$9.88
594	24-Feb-11	2	6	\$25.88	Yes	\$35.82	\$9.94
595	24-Feb-11	2	7	\$25.85	Yes	\$35.82	\$9.97
596	24-Feb-11	2	8	\$25.81	Yes	\$35.82	\$10.01
597	24-Feb-11	2	9	\$25.81	Yes	\$35.82	\$10.01
598	24-Feb-11	2	10	\$34.54	Yes	\$35.82	\$1.28
599	24-Feb-11	2	11	\$28.63	Yes	\$35.82	\$7.19
600	24-Feb-11	2	12	\$25.74	Yes	\$35.82	\$10.08
601	24-Feb-11	3	1	\$28.14	Yes	\$35.82	\$7.68
602	24-Feb-11	3	2	\$24.56	Yes	\$35.82	\$11.26
603	24-Feb-11	3	3	\$21.49	Yes	\$35.82	\$14.33
604	24-Feb-11	3	4	\$21.51	Yes	\$35.82	\$14.31
605	24-Feb-11	3	5	\$21.51	Yes	\$35.82	\$14.31
606	24-Feb-11	3	6	\$21.51	Yes	\$35.82	\$14.31
607	24-Feb-11	3	7	\$21.86	Yes	\$35.82	\$13.96
608	24-Feb-11	3	8	\$21.86	Yes	\$35.82	\$13.96
609	24-Feb-11	3	9	\$21.86	Yes	\$35.82	\$13.96
610	24-Feb-11	3	10	\$21.80	Yes	\$35.82	\$14.02
611	24-Feb-11	3	11	\$21.80	Yes	\$35.82	\$14.02
612	24-Feb-11	3	12	\$25.37	Yes	\$35.82	\$10.45
613	24-Feb-11	4	1	\$23.53	Yes	\$35.82	\$12.29
614	24-Feb-11	4	2	\$25.90	Yes	\$35.82	\$9.92
615	24-Feb-11	4	3	\$25.49	Yes	\$35.82	\$10.33
616	24-Feb-11	4	4	\$25.46	Yes	\$35.82	\$10.36
617	24-Feb-11	4	5	\$25.54	Yes	\$35.82	\$10.28
618	24-Feb-11	4	6	\$26.78	Yes	\$35.82	\$9.04
619	24-Feb-11	4	7	\$28.57	Yes	\$35.82	\$7.25
620	24-Feb-11	4	8	\$28.10	Yes	\$35.82	\$7.72
621	24-Feb-11	4	9	\$30.99	Yes	\$35.82	\$4.83
622	24-Feb-11	4	10	\$28.65	Yes	\$35.82	\$7.17
623	24-Feb-11	4	11	\$28.06	Yes	\$35.82	\$7.76
624	24-Feb-11	4	12	\$29.00	Yes	\$35.82	\$6.82
625	24-Feb-11	5	1	\$0.01	Yes	\$35.82	\$35.81
626	24-Feb-11	5	2	\$0.01	Yes	\$35.82	\$35.81

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
627	24-Feb-11	5	3	\$2.01	Yes	\$35.82	\$33.81
628	24-Feb-11	5	4	\$21.74	Yes	\$35.82	\$14.08
629	24-Feb-11	5	5	\$23.71	Yes	\$35.82	\$12.11
630	24-Feb-11	5	6	\$28.61	Yes	\$35.82	\$7.21
631	24-Feb-11	5	7	\$50.12	Yes	\$35.82	-\$14.30
632	24-Feb-11	5	8	\$45.16	Yes	\$35.82	-\$9.34
633	24-Feb-11	5	9	\$43.86	Yes	\$35.82	-\$8.04
634	24-Feb-11	5	10	\$45.38	Yes	\$35.82	-\$9.56
635	24-Feb-11	5	11	\$45.27	Yes	\$35.82	-\$9.45
636	24-Feb-11	5	12	\$50.42	Yes	\$35.82	-\$14.60
637	24-Feb-11	6	1	\$15.11	Yes	\$35.82	\$20.71
638	24-Feb-11	6	2	\$18.13	Yes	\$35.82	\$17.69
639	24-Feb-11	6	3	\$22.35	Yes	\$35.82	\$13.47
640	24-Feb-11	6	4	\$26.34	Yes	\$35.82	\$9.48
641	24-Feb-11	6	5	\$26.34	Yes	\$35.82	\$9.48
642	24-Feb-11	6	6	\$27.38	Yes	\$35.82	\$8.44
643	24-Feb-11	6	7	\$22.66	Yes	\$35.82	\$13.16
644	24-Feb-11	6	8	\$24.81	Yes	\$35.82	\$11.01
645	24-Feb-11	6	9	\$25.30	Yes	\$35.82	\$10.52
646	24-Feb-11	6	10	\$34.92	Yes	\$35.82	\$0.90
647	24-Feb-11	6	11	\$44.40	Yes	\$35.82	-\$8.58
648	24-Feb-11	6	12	\$55.71	Yes	\$35.82	-\$19.89
649	24-Feb-11	7	1	\$5.33	Yes	\$35.82	\$30.49
650	24-Feb-11	7	2	\$5.33	Yes	\$35.82	\$30.49
651	24-Feb-11	7	3	\$21.17	Yes	\$35.82	\$14.65
652	24-Feb-11	7	4	\$24.82	Yes	\$35.82	\$11.00
653	24-Feb-11	7	5	\$26.47	Yes	\$35.82	\$9.35
654	24-Feb-11	7	6	\$41.41	Yes	\$35.82	-\$5.59
655	24-Feb-11	7	7	\$33.36	Yes	\$35.82	\$2.46
656	24-Feb-11	7	8	\$33.36	Yes	\$35.82	\$2.46
657	24-Feb-11	7	9	\$33.36	Yes	\$35.82	\$2.46
658	24-Feb-11	7	10	\$35.53	Yes	\$35.82	\$0.29
659	24-Feb-11	7	11	\$38.36	Yes	\$35.82	-\$2.54
660	24-Feb-11	7	12	\$45.42	Yes	\$35.82	-\$9.60
661	24-Feb-11	8	1	\$33.05	Yes	\$35.82	\$2.77
662	24-Feb-11	8	2	\$33.05	Yes	\$35.82	\$2.77
663	24-Feb-11	8	3	\$30.05	Yes	\$35.82	\$5.77
664	24-Feb-11	8	4	\$34.58	Yes	\$35.82	\$1.24
665	24-Feb-11	8	5	\$34.58	Yes	\$35.82	\$1.24
666	24-Feb-11	8	6	\$34.58	Yes	\$35.82	\$1.24
667	24-Feb-11	8	7	\$31.79	Yes	\$35.82	\$4.03
668	24-Feb-11	8	8	\$37.49	Yes	\$35.82	-\$1.67
669	24-Feb-11	8	9	\$37.49	Yes	\$35.82	-\$1.67
670	24-Feb-11	8	10	\$34.46	Yes	\$35.82	\$1.36
671	24-Feb-11	8	11	\$29.75	Yes	\$35.82	\$6.07

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
672	24-Feb-11	8	12	\$27.69	Yes	\$35.82	\$8.13
673	24-Feb-11	9	1	\$34.38	Yes	\$35.82	\$1.44
674	24-Feb-11	9	2	\$30.05	Yes	\$35.82	\$5.77
675	24-Feb-11	9	3	\$30.05	Yes	\$35.82	\$5.77
676	24-Feb-11	9	4	\$30.03	Yes	\$35.82	\$5.79
677	24-Feb-11	9	5	\$30.03	Yes	\$35.82	\$5.79
678	24-Feb-11	9	6	\$30.03	Yes	\$35.82	\$5.79
679	24-Feb-11	9	7	\$27.74	Yes	\$35.82	\$8.08
680	24-Feb-11	9	8	\$27.80	Yes	\$35.82	\$8.02
681	24-Feb-11	9	9	\$26.45	Yes	\$35.82	\$9.37
682	24-Feb-11	9	10	\$27.74	Yes	\$35.82	\$8.08
683	24-Feb-11	9	11	\$26.48	Yes	\$35.82	\$9.34
684	24-Feb-11	9	12	\$25.96	Yes	\$35.82	\$9.86
685	24-Feb-11	10	1	\$26.23	Yes	\$35.82	\$9.59
686	24-Feb-11	10	2	\$25.61	Yes	\$35.82	\$10.21
687	24-Feb-11	10	3	\$22.67	Yes	\$35.82	\$13.15
688	24-Feb-11	10	4	\$25.62	Yes	\$35.82	\$10.20
689	24-Feb-11	10	5	\$25.62	Yes	\$35.82	\$10.20
690	24-Feb-11	10	6	\$25.90	Yes	\$35.82	\$9.92
691	24-Feb-11	10	7	\$25.62	Yes	\$35.82	\$10.20
692	24-Feb-11	10	8	\$25.62	Yes	\$35.82	\$10.20
693	24-Feb-11	10	9	\$25.62	Yes	\$35.82	\$10.20
694	24-Feb-11	10	10	\$25.55	Yes	\$35.82	\$10.27
695	24-Feb-11	10	11	\$25.55	Yes	\$35.82	\$10.27
696	24-Feb-11	10	12	\$24.64	Yes	\$35.82	\$11.18
697	24-Feb-11	11	1	\$39.76	Yes	\$35.82	-\$3.94
698	24-Feb-11	11	2	\$39.76	Yes	\$35.82	-\$3.94
699	24-Feb-11	11	3	\$25.81	Yes	\$35.82	\$10.01
700	24-Feb-11	11	4	\$25.82	Yes	\$35.82	\$10.00
701	24-Feb-11	11	5	\$25.82	Yes	\$35.82	\$10.00
702	24-Feb-11	11	6	\$25.84	Yes	\$35.82	\$9.98
703	24-Feb-11	11	7	\$26.52	Yes	\$35.82	\$9.30
704	24-Feb-11	11	8	\$26.48	Yes	\$35.82	\$9.34
705	24-Feb-11	11	9	\$26.44	Yes	\$35.82	\$9.38
706	24-Feb-11	11	10	\$25.93	Yes	\$35.82	\$9.89
707	24-Feb-11	11	11	\$25.93	Yes	\$35.82	\$9.89
708	24-Feb-11	11	12	\$25.68	Yes	\$35.82	\$10.14
709	24-Feb-11	12	1	\$29.47	Yes	\$35.82	\$6.35
710	24-Feb-11	12	2	\$28.48	Yes	\$35.82	\$7.34
711	24-Feb-11	12	3	\$20.55	Yes	\$35.82	\$15.27
712	24-Feb-11	12	4	\$25.58	Yes	\$35.82	\$10.24
713	24-Feb-11	12	5	\$25.58	Yes	\$35.82	\$10.24
714	24-Feb-11	12	6	\$25.58	Yes	\$35.82	\$10.24
715	24-Feb-11	12	7	\$25.53	Yes	\$35.82	\$10.29
716	24-Feb-11	12	8	\$25.53	Yes	\$35.82	\$10.29

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
717	24-Feb-11	12	9	\$25.53	Yes	\$35.82	\$10.29
718	24-Feb-11	12	10	\$25.43	Yes	\$35.82	\$10.39
719	24-Feb-11	12	11	\$25.43	Yes	\$35.82	\$10.39
720	24-Feb-11	12	12	\$24.52	Yes	\$35.82	\$11.30
721	24-Feb-11	13	1	\$25.38	Yes	\$35.82	\$10.44
722	24-Feb-11	13	2	\$25.25	Yes	\$35.82	\$10.57
723	24-Feb-11	13	3	\$5.22	Yes	\$35.82	\$30.60
724	24-Feb-11	13	4	\$7.29	Yes	\$35.82	\$28.53
725	24-Feb-11	13	5	\$24.34	Yes	\$35.82	\$11.48
726	24-Feb-11	13	6	\$18.90	Yes	\$35.82	\$16.92
727	24-Feb-11	13	7	\$24.84	Yes	\$35.82	\$10.98
728	24-Feb-11	13	8	\$24.26	Yes	\$35.82	\$11.56
729	24-Feb-11	13	9	\$24.84	Yes	\$35.82	\$10.98
730	24-Feb-11	13	10	\$24.29	Yes	\$35.82	\$11.53
731	24-Feb-11	13	11	\$24.29	Yes	\$35.82	\$11.53
732	24-Feb-11	13	12	\$16.37	Yes	\$35.82	\$19.45
733	24-Feb-11	14	1	\$25.65	Yes	\$35.82	\$10.17
734	24-Feb-11	14	2	\$25.27	Yes	\$35.82	\$10.55
735	24-Feb-11	14	3	\$16.26	Yes	\$35.82	\$19.56
736	24-Feb-11	14	4	\$20.20	Yes	\$35.82	\$15.62
737	24-Feb-11	14	5	\$20.20	Yes	\$35.82	\$15.62
738	24-Feb-11	14	6	\$20.23	Yes	\$35.82	\$15.59
739	24-Feb-11	14	7	\$20.18	Yes	\$35.82	\$15.64
740	24-Feb-11	14	8	\$20.19	Yes	\$35.82	\$15.63
741	24-Feb-11	14	9	\$20.18	Yes	\$35.82	\$15.64
742	24-Feb-11	14	10	\$20.11	Yes	\$35.82	\$15.71
743	24-Feb-11	14	11	\$20.11	Yes	\$35.82	\$15.71
744	24-Feb-11	14	12	-\$27.32	Yes	\$35.82	\$63.14
745	24-Feb-11	15	1	\$7.26	Yes	\$35.82	\$28.56
746	24-Feb-11	15	2	\$5.51	Yes	\$35.82	\$30.31
747	24-Feb-11	15	3	\$0.01	Yes	\$35.82	\$35.81
748	24-Feb-11	15	4	-\$27.19	Yes	\$35.82	\$63.01
749	24-Feb-11	15	5	-\$15.05	Yes	\$35.82	\$50.87
750	24-Feb-11	15	6	-\$27.19	Yes	\$35.82	\$63.01
751	24-Feb-11	15	7	-\$27.44	Yes	\$35.82	\$63.26
752	24-Feb-11	15	8	-\$27.44	Yes	\$35.82	\$63.26
753	24-Feb-11	15	9	-\$27.44	Yes	\$35.82	\$63.26
754	24-Feb-11	15	10	-\$15.00	Yes	\$35.82	\$50.82
755	24-Feb-11	15	11	-\$27.47	Yes	\$35.82	\$63.29
756	24-Feb-11	15	12	\$0.05	Yes	\$35.82	\$35.77
757	24-Feb-11	16	1	\$0.05	Yes	\$35.82	\$35.77
758	24-Feb-11	16	2	\$16.19	Yes	\$35.82	\$19.63
759	24-Feb-11	16	3	\$16.19	Yes	\$35.82	\$19.63
760	24-Feb-11	16	4	\$16.19	Yes	\$35.82	\$19.63
761	24-Feb-11	16	5	\$16.34	Yes	\$35.82	\$19.48

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
762	24-Feb-11	16	6	\$15.13	Yes	\$35.82	\$20.69
763	24-Feb-11	16	7	\$15.14	Yes	\$35.82	\$20.68
764	24-Feb-11	16	8	\$7.26	Yes	\$35.82	\$28.56
765	24-Feb-11	16	9	\$16.11	Yes	\$35.82	\$19.71
766	24-Feb-11	16	10	\$7.26	Yes	\$35.82	\$28.56
767	24-Feb-11	16	11	\$16.13	Yes	\$35.82	\$19.69
768	24-Feb-11	16	12	\$19.92	Yes	\$35.82	\$15.90
769	24-Feb-11	17	1	\$20.10	Yes	\$35.82	\$15.72
770	24-Feb-11	17	2	\$20.04	Yes	\$35.82	\$15.78
771	24-Feb-11	17	3	\$20.04	Yes	\$35.82	\$15.78
772	24-Feb-11	17	4	\$20.17	Yes	\$35.82	\$15.65
773	24-Feb-11	17	5	\$20.21	Yes	\$35.82	\$15.61
774	24-Feb-11	17	6	\$20.21	Yes	\$35.82	\$15.61
775	24-Feb-11	17	7	\$23.38	Yes	\$35.82	\$12.44
776	24-Feb-11	17	8	\$25.17	Yes	\$35.82	\$10.65
777	24-Feb-11	17	9	\$25.31	Yes	\$35.82	\$10.51
778	24-Feb-11	17	10	\$25.20	Yes	\$35.82	\$10.62
779	24-Feb-11	17	11	\$25.71	Yes	\$35.82	\$10.11
780	24-Feb-11	17	12	\$25.26	Yes	\$35.82	\$10.56
781	24-Feb-11	18	1	\$14.38	Yes	\$35.82	\$21.44
782	24-Feb-11	18	2	\$12.21	Yes	\$35.82	\$23.61
783	24-Feb-11	18	3	\$8.28	Yes	\$35.82	\$27.54
784	24-Feb-11	18	4	\$20.79	Yes	\$35.82	\$15.03
785	24-Feb-11	18	5	\$20.46	Yes	\$35.82	\$15.36
786	24-Feb-11	18	6	\$24.46	Yes	\$35.82	\$11.36
787	24-Feb-11	18	7	\$29.12	Yes	\$35.82	\$6.70
788	24-Feb-11	18	8	\$26.97	Yes	\$35.82	\$8.85
789	24-Feb-11	18	9	\$26.87	Yes	\$35.82	\$8.95
790	24-Feb-11	18	10	\$27.55	Yes	\$35.82	\$8.27
791	24-Feb-11	18	11	\$35.61	Yes	\$35.82	\$0.21
792	24-Feb-11	18	12	\$40.45	Yes	\$35.82	-\$4.63
793	24-Feb-11	19	1	\$27.52	Yes	\$35.82	\$8.30
794	24-Feb-11	19	2	\$28.23	Yes	\$35.82	\$7.59
795	24-Feb-11	19	3	\$38.77	Yes	\$35.82	-\$2.95
796	24-Feb-11	19	4	\$40.44	Yes	\$35.82	-\$4.62
797	24-Feb-11	19	5	\$41.91	Yes	\$35.82	-\$6.09
798	24-Feb-11	19	6	\$40.74	Yes	\$35.82	-\$4.92
799	24-Feb-11	19	7	\$40.49	Yes	\$35.82	-\$4.67
800	24-Feb-11	19	8	\$40.49	Yes	\$35.82	-\$4.67
801	24-Feb-11	19	9	\$40.49	Yes	\$35.82	-\$4.67
802	24-Feb-11	19	10	\$40.22	Yes	\$35.82	-\$4.40
803	24-Feb-11	19	11	\$38.42	Yes	\$35.82	-\$2.60
804	24-Feb-11	19	12	\$36.51	Yes	\$35.82	-\$0.69
805	24-Feb-11	20	1	\$46.35	Yes	\$35.82	-\$10.53
806	24-Feb-11	20	2	\$44.19	Yes	\$35.82	-\$8.37



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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
807	24-Feb-11	20	3	\$27.20	Yes	\$35.82	\$8.62
808	24-Feb-11	20	4	\$28.14	Yes	\$35.82	\$7.68
809	24-Feb-11	20	5	\$25.62	Yes	\$35.82	\$10.20
810	24-Feb-11	20	6	\$26.03	Yes	\$35.82	\$9.79
811	24-Feb-11	20	7	\$26.54	Yes	\$35.82	\$9.28
812	24-Feb-11	20	8	\$26.54	Yes	\$35.82	\$9.28
813	24-Feb-11	20	9	\$26.28	Yes	\$35.82	\$9.54
814	24-Feb-11	20	10	\$26.00	Yes	\$35.82	\$9.82
815	24-Feb-11	20	11	\$26.00	Yes	\$35.82	\$9.82
816	24-Feb-11	20	12	\$26.33	Yes	\$35.82	\$9.49
817	24-Feb-11	21	1	\$30.03	Yes	\$35.82	\$5.79
818	24-Feb-11	21	2	\$29.10	Yes	\$35.82	\$6.72
819	24-Feb-11	21	3	\$25.65	Yes	\$35.82	\$10.17
820	24-Feb-11	21	4	\$25.67	Yes	\$35.82	\$10.15
821	24-Feb-11	21	5	\$25.67	Yes	\$35.82	\$10.15
822	24-Feb-11	21	6	\$25.55	Yes	\$35.82	\$10.27
823	24-Feb-11	21	7	\$29.08	Yes	\$35.82	\$6.74
824	24-Feb-11	21	8	\$26.80	Yes	\$35.82	\$9.02
825	24-Feb-11	21	9	\$26.10	Yes	\$35.82	\$9.72
826	24-Feb-11	21	10	\$25.46	Yes	\$35.82	\$10.36
827	24-Feb-11	21	11	\$21.89	Yes	\$35.82	\$13.93
828	24-Feb-11	21	12	\$14.63	Yes	\$35.82	\$21.19
829	24-Feb-11	22	1	\$49.46	Yes	\$35.82	-\$13.64
830	24-Feb-11	22	2	\$32.95	Yes	\$35.82	\$2.87
831	24-Feb-11	22	3	\$20.50	Yes	\$35.82	\$15.32
832	24-Feb-11	22	4	\$20.35	Yes	\$35.82	\$15.47
833	24-Feb-11	22	5	\$25.04	Yes	\$35.82	\$10.78
834	24-Feb-11	22	6	\$25.50	Yes	\$35.82	\$10.32
835	24-Feb-11	22	7	\$25.80	Yes	\$35.82	\$10.02
836	24-Feb-11	22	8	\$25.18	Yes	\$35.82	\$10.64
837	24-Feb-11	22	9	\$25.17	Yes	\$35.82	\$10.65
838	24-Feb-11	22	10	\$20.03	Yes	\$35.82	\$15.79
839	24-Feb-11	22	11	\$19.98	Yes	\$35.82	\$15.84
840	24-Feb-11	22	12	\$5.65	Yes	\$35.82	\$30.17
841	24-Feb-11	23	1	\$78.42	Yes	\$35.82	-\$42.60
842	24-Feb-11	23	2	\$46.49	Yes	\$35.82	-\$10.67
843	24-Feb-11	23	3	\$37.22	Yes	\$35.82	-\$1.40
844	24-Feb-11	23	4	\$36.41	Yes	\$35.82	-\$0.59
845	24-Feb-11	23	5	\$30.58	Yes	\$35.82	\$5.24
846	24-Feb-11	23	6	\$29.32	Yes	\$35.82	\$6.50
847	24-Feb-11	23	7	\$25.83	Yes	\$35.82	\$9.99
848	24-Feb-11	23	8	\$24.31	Yes	\$35.82	\$11.51
849	24-Feb-11	23	9	\$22.17	Yes	\$35.82	\$13.65
850	24-Feb-11	23	10	\$25.77	Yes	\$35.82	\$10.05
851	24-Feb-11	23	11	\$24.42	Yes	\$35.82	\$11.40

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
852	24-Feb-11	23	12	\$20.38	Yes	\$35.82	\$15.44
853	24-Feb-11	24	1	\$26.18	Yes	\$35.82	\$9.64
854	24-Feb-11	24	2	\$26.18	Yes	\$35.82	\$9.64
855	24-Feb-11	24	3	\$25.70	Yes	\$35.82	\$10.12
856	24-Feb-11	24	4	\$25.29	Yes	\$35.82	\$10.53
857	24-Feb-11	24	5	\$22.09	Yes	\$35.82	\$13.73
858	24-Feb-11	24	6	\$7.30	Yes	\$35.82	\$28.52
859	24-Feb-11	24	7	\$2.03	Yes	\$35.82	\$33.79
860	24-Feb-11	24	8	\$0.05	Yes	\$35.82	\$35.77
861	24-Feb-11	24	9	\$0.01	Yes	\$35.82	\$35.81
862	24-Feb-11	24	10	\$0.01	Yes	\$35.82	\$35.81
863	24-Feb-11	24	11	\$0.01	Yes	\$35.82	\$35.81
864	24-Feb-11	24	12	-\$10.75	Yes	\$35.82	\$46.57
865	25-Feb-11	1	1	\$29.23	Yes	\$35.90	\$6.67
866	25-Feb-11	1	2	\$29.23	Yes	\$35.90	\$6.67
867	25-Feb-11	1	3	\$25.94	Yes	\$35.90	\$9.96
868	25-Feb-11	1	4	\$24.56	Yes	\$35.90	\$11.34
869	25-Feb-11	1	5	\$25.22	Yes	\$35.90	\$10.68
870	25-Feb-11	1	6	\$25.43	Yes	\$35.90	\$10.47
871	25-Feb-11	1	7	\$25.46	Yes	\$35.90	\$10.44
872	25-Feb-11	1	8	\$23.06	Yes	\$35.90	\$12.84
873	25-Feb-11	1	9	\$24.30	Yes	\$35.90	\$11.60
874	25-Feb-11	1	10	\$24.28	Yes	\$35.90	\$11.62
875	25-Feb-11	1	11	\$23.07	Yes	\$35.90	\$12.83
876	25-Feb-11	1	12	\$23.07	Yes	\$35.90	\$12.83
877	25-Feb-11	2	1	\$28.15	Yes	\$35.90	\$7.75
878	25-Feb-11	2	2	\$25.70	Yes	\$35.90	\$10.20
879	25-Feb-11	2	3	\$24.26	Yes	\$35.90	\$11.64
880	25-Feb-11	2	4	\$24.45	Yes	\$35.90	\$11.45
881	25-Feb-11	2	5	\$27.59	Yes	\$35.90	\$8.31
882	25-Feb-11	2	6	\$25.87	Yes	\$35.90	\$10.03
883	25-Feb-11	2	7	\$24.87	Yes	\$35.90	\$11.03
884	25-Feb-11	2	8	\$22.89	Yes	\$35.90	\$13.01
885	25-Feb-11	2	9	\$22.89	Yes	\$35.90	\$13.01
886	25-Feb-11	2	10	\$24.81	Yes	\$35.90	\$11.09
887	25-Feb-11	2	11	\$24.19	Yes	\$35.90	\$11.71
888	25-Feb-11	2	12	\$24.19	Yes	\$35.90	\$11.71
889	25-Feb-11	3	1	\$22.98	Yes	\$35.90	\$12.92
890	25-Feb-11	3	2	\$24.24	Yes	\$35.90	\$11.66
891	25-Feb-11	3	3	\$22.98	Yes	\$35.90	\$12.92
892	25-Feb-11	3	4	\$15.00	Yes	\$35.90	\$20.90
893	25-Feb-11	3	5	\$15.00	Yes	\$35.90	\$20.90
894	25-Feb-11	3	6	\$15.00	Yes	\$35.90	\$20.90
895	25-Feb-11	3	7	\$15.00	Yes	\$35.90	\$20.90
896	25-Feb-11	3	8	\$15.00	Yes	\$35.90	\$20.90

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
897	25-Feb-11	3	9	\$15.00	Yes	\$35.90	\$20.90
898	25-Feb-11	3	10	\$15.00	Yes	\$35.90	\$20.90
899	25-Feb-11	3	11	\$15.00	Yes	\$35.90	\$20.90
900	25-Feb-11	3	12	\$22.94	Yes	\$35.90	\$12.96
901	25-Feb-11	4	1	\$2.61	Yes	\$35.90	\$33.29
902	25-Feb-11	4	2	\$14.97	Yes	\$35.90	\$20.93
903	25-Feb-11	4	3	\$2.61	Yes	\$35.90	\$33.29
904	25-Feb-11	4	4	\$7.21	Yes	\$35.90	\$28.69
905	25-Feb-11	4	5	\$14.98	Yes	\$35.90	\$20.92
906	25-Feb-11	4	6	\$14.98	Yes	\$35.90	\$20.92
907	25-Feb-11	4	7	\$23.05	Yes	\$35.90	\$12.85
908	25-Feb-11	4	8	\$24.36	Yes	\$35.90	\$11.54
909	25-Feb-11	4	9	\$23.92	Yes	\$35.90	\$11.98
910	25-Feb-11	4	10	\$24.58	Yes	\$35.90	\$11.32
911	25-Feb-11	4	11	\$23.91	Yes	\$35.90	\$11.99
912	25-Feb-11	4	12	\$24.58	Yes	\$35.90	\$11.32
913	25-Feb-11	5	1	\$25.94	Yes	\$35.90	\$9.96
914	25-Feb-11	5	2	\$25.42	Yes	\$35.90	\$10.48
915	25-Feb-11	5	3	\$23.87	Yes	\$35.90	\$12.03
916	25-Feb-11	5	4	\$23.85	Yes	\$35.90	\$12.05
917	25-Feb-11	5	5	\$24.13	Yes	\$35.90	\$11.77
918	25-Feb-11	5	6	\$25.40	Yes	\$35.90	\$10.50
919	25-Feb-11	5	7	\$25.42	Yes	\$35.90	\$10.48
920	25-Feb-11	5	8	\$25.39	Yes	\$35.90	\$10.51
921	25-Feb-11	5	9	\$24.83	Yes	\$35.90	\$11.07
922	25-Feb-11	5	10	\$26.47	Yes	\$35.90	\$9.43
923	25-Feb-11	5	11	\$26.47	Yes	\$35.90	\$9.43
924	25-Feb-11	5	12	\$32.58	Yes	\$35.90	\$3.32
925	25-Feb-11	6	1	\$22.16	Yes	\$35.90	\$13.74
926	25-Feb-11	6	2	\$23.19	Yes	\$35.90	\$12.71
927	25-Feb-11	6	3	\$25.43	Yes	\$35.90	\$10.47
928	25-Feb-11	6	4	\$24.27	Yes	\$35.90	\$11.63
929	25-Feb-11	6	5	\$24.33	Yes	\$35.90	\$11.57
930	25-Feb-11	6	6	\$26.92	Yes	\$35.90	\$8.98
931	25-Feb-11	6	7	\$26.42	Yes	\$35.90	\$9.48
932	25-Feb-11	6	8	\$27.56	Yes	\$35.90	\$8.34
933	25-Feb-11	6	9	\$29.45	Yes	\$35.90	\$6.45
934	25-Feb-11	6	10	\$29.48	Yes	\$35.90	\$6.42
935	25-Feb-11	6	11	\$33.04	Yes	\$35.90	\$2.86
936	25-Feb-11	6	12	\$45.52	Yes	\$35.90	-\$9.62
937	25-Feb-11	7	1	\$15.40	Yes	\$35.90	\$20.50
938	25-Feb-11	7	2	\$25.36	Yes	\$35.90	\$10.54
939	25-Feb-11	7	3	\$27.72	Yes	\$35.90	\$8.18
940	25-Feb-11	7	4	\$43.67	Yes	\$35.90	-\$7.77
941	25-Feb-11	7	5	\$43.05	Yes	\$35.90	-\$7.15

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
942	25-Feb-11	7	6	\$43.05	Yes	\$35.90	-\$7.15
943	25-Feb-11	7	7	\$33.09	Yes	\$35.90	\$2.81
944	25-Feb-11	7	8	\$26.35	Yes	\$35.90	\$9.55
945	25-Feb-11	7	9	\$26.42	Yes	\$35.90	\$9.48
946	25-Feb-11	7	10	\$24.98	Yes	\$35.90	\$10.92
947	25-Feb-11	7	11	\$26.06	Yes	\$35.90	\$9.84
948	25-Feb-11	7	12	\$27.16	Yes	\$35.90	\$8.74
949	25-Feb-11	8	1	\$32.43	Yes	\$35.90	\$3.47
950	25-Feb-11	8	2	\$36.45	Yes	\$35.90	-\$0.55
951	25-Feb-11	8	3	\$37.73	Yes	\$35.90	-\$1.83
952	25-Feb-11	8	4	\$36.69	Yes	\$35.90	-\$0.79
953	25-Feb-11	8	5	\$41.32	Yes	\$35.90	-\$5.42
954	25-Feb-11	8	6	\$43.37	Yes	\$35.90	-\$7.47
955	25-Feb-11	8	7	\$43.39	Yes	\$35.90	-\$7.49
956	25-Feb-11	8	8	\$43.39	Yes	\$35.90	-\$7.49
957	25-Feb-11	8	9	\$53.02	Yes	\$35.90	-\$17.12
958	25-Feb-11	8	10	\$51.67	Yes	\$35.90	-\$15.77
959	25-Feb-11	8	11	\$49.89	Yes	\$35.90	-\$13.99
960	25-Feb-11	8	12	\$51.67	Yes	\$35.90	-\$15.77
961	25-Feb-11	9	1	\$48.24	Yes	\$35.90	-\$12.34
962	25-Feb-11	9	2	\$45.68	Yes	\$35.90	-\$9.78
963	25-Feb-11	9	3	\$44.27	Yes	\$35.90	-\$8.37
964	25-Feb-11	9	4	\$49.22	Yes	\$35.90	-\$13.32
965	25-Feb-11	9	5	\$48.15	Yes	\$35.90	-\$12.25
966	25-Feb-11	9	6	\$56.98	Yes	\$35.90	-\$21.08
967	25-Feb-11	9	7	\$48.02	Yes	\$35.90	-\$12.12
968	25-Feb-11	9	8	\$47.08	Yes	\$35.90	-\$11.18
969	25-Feb-11	9	9	\$38.31	Yes	\$35.90	-\$2.41
970	25-Feb-11	9	10	\$43.89	Yes	\$35.90	-\$7.99
971	25-Feb-11	9	11	\$32.32	Yes	\$35.90	\$3.58
972	25-Feb-11	9	12	\$41.03	Yes	\$35.90	-\$5.13
973	25-Feb-11	10	1	\$32.84	Yes	\$35.90	\$3.06
974	25-Feb-11	10	2	\$32.84	Yes	\$35.90	\$3.06
975	25-Feb-11	10	3	\$32.84	Yes	\$35.90	\$3.06
976	25-Feb-11	10	4	\$32.95	Yes	\$35.90	\$2.95
977	25-Feb-11	10	5	\$36.74	Yes	\$35.90	-\$0.84
978	25-Feb-11	10	6	\$35.33	Yes	\$35.90	\$0.57
979	25-Feb-11	10	7	\$32.88	Yes	\$35.90	\$3.02
980	25-Feb-11	10	8	\$32.88	Yes	\$35.90	\$3.02
981	25-Feb-11	10	9	\$32.88	Yes	\$35.90	\$3.02
982	25-Feb-11	10	10	\$33.10	Yes	\$35.90	\$2.80
983	25-Feb-11	10	11	\$33.10	Yes	\$35.90	\$2.80
984	25-Feb-11	10	12	\$33.10	Yes	\$35.90	\$2.80
985	25-Feb-11	11	1	\$36.93	Yes	\$35.90	-\$1.03
986	25-Feb-11	11	2	\$36.93	Yes	\$35.90	-\$1.03

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
987	25-Feb-11	11	3	\$38.22	Yes	\$35.90	-\$2.32
988	25-Feb-11	11	4	\$38.81	Yes	\$35.90	-\$2.91
989	25-Feb-11	11	5	\$38.54	Yes	\$35.90	-\$2.64
990	25-Feb-11	11	6	\$38.54	Yes	\$35.90	-\$2.64
991	25-Feb-11	11	7	\$39.69	Yes	\$35.90	-\$3.79
992	25-Feb-11	11	8	\$39.14	Yes	\$35.90	-\$3.24
993	25-Feb-11	11	9	\$39.69	Yes	\$35.90	-\$3.79
994	25-Feb-11	11	10	\$39.79	Yes	\$35.90	-\$3.89
995	25-Feb-11	11	11	\$38.53	Yes	\$35.90	-\$2.63
996	25-Feb-11	11	12	\$38.22	Yes	\$35.90	-\$2.32
997	25-Feb-11	12	1	\$36.68	Yes	\$35.90	-\$0.78
998	25-Feb-11	12	2	\$37.04	Yes	\$35.90	-\$1.14
999	25-Feb-11	12	3	\$32.72	Yes	\$35.90	\$3.18
1000	25-Feb-11	12	4	\$34.87	Yes	\$35.90	\$1.03
1001	25-Feb-11	12	5	\$34.89	Yes	\$35.90	\$1.01
1002	25-Feb-11	12	6	\$34.89	Yes	\$35.90	\$1.01
1003	25-Feb-11	12	7	\$36.74	Yes	\$35.90	-\$0.84
1004	25-Feb-11	12	8	\$36.74	Yes	\$35.90	-\$0.84
1005	25-Feb-11	12	9	\$37.25	Yes	\$35.90	-\$1.35
1006	25-Feb-11	12	10	\$39.70	Yes	\$35.90	-\$3.80
1007	25-Feb-11	12	11	\$38.29	Yes	\$35.90	-\$2.39
1008	25-Feb-11	12	12	\$33.07	Yes	\$35.90	\$2.83
1009	25-Feb-11	13	1	\$301.53	Yes	\$35.90	-\$265.63
1010	25-Feb-11	13	2	\$44.39	Yes	\$35.90	-\$8.49
1011	25-Feb-11	13	3	\$43.38	Yes	\$35.90	-\$7.48
1012	25-Feb-11	13	4	\$43.35	Yes	\$35.90	-\$7.45
1013	25-Feb-11	13	5	\$30.19	Yes	\$35.90	\$5.71
1014	25-Feb-11	13	6	\$35.56	Yes	\$35.90	\$0.34
1015	25-Feb-11	13	7	\$25.35	Yes	\$35.90	\$10.55
1016	25-Feb-11	13	8	\$25.93	Yes	\$35.90	\$9.97
1017	25-Feb-11	13	9	\$27.50	Yes	\$35.90	\$8.40
1018	25-Feb-11	13	10	\$34.55	Yes	\$35.90	\$1.35
1019	25-Feb-11	13	11	\$36.53	Yes	\$35.90	-\$0.63
1020	25-Feb-11	13	12	\$35.59	Yes	\$35.90	\$0.31
1021	25-Feb-11	14	1	\$37.50	Yes	\$35.90	-\$1.60
1022	25-Feb-11	14	2	\$42.87	Yes	\$35.90	-\$6.97
1023	25-Feb-11	14	3	\$41.16	Yes	\$35.90	-\$5.26
1024	25-Feb-11	14	4	\$38.94	Yes	\$35.90	-\$3.04
1025	25-Feb-11	14	5	\$40.89	Yes	\$35.90	-\$4.99
1026	25-Feb-11	14	6	\$37.33	Yes	\$35.90	-\$1.43
1027	25-Feb-11	14	7	\$32.57	Yes	\$40.35	\$7.78
1028	25-Feb-11	14	7	\$32.57	Yes	\$35.90	\$3.33
1029	25-Feb-11	14	8	\$34.28	Yes	\$40.35	\$6.07
1030	25-Feb-11	14	8	\$34.28	Yes	\$35.90	\$1.62
1031	25-Feb-11	14	9	\$30.13	Yes	\$40.35	\$10.22

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1032	25-Feb-11	14	9	\$30.13	Yes	\$35.90	\$5.77
1033	25-Feb-11	14	10	\$33.11	Yes	\$40.35	\$7.24
1034	25-Feb-11	14	10	\$33.11	Yes	\$35.90	\$2.79
1035	25-Feb-11	14	11	\$31.32	Yes	\$40.35	\$9.03
1036	25-Feb-11	14	11	\$31.32	Yes	\$35.90	\$4.58
1037	25-Feb-11	14	12	\$32.32	Yes	\$40.35	\$8.03
1038	25-Feb-11	14	12	\$32.32	Yes	\$35.90	\$3.58
1039	25-Feb-11	15	1	\$15.30	Yes	\$40.35	\$25.05
1040	25-Feb-11	15	1	\$15.30	Yes	\$35.90	\$20.60
1041	25-Feb-11	15	2	\$15.30	Yes	\$40.35	\$25.05
1042	25-Feb-11	15	2	\$15.30	Yes	\$35.90	\$20.60
1043	25-Feb-11	15	3	\$25.49	Yes	\$40.35	\$14.86
1044	25-Feb-11	15	3	\$25.49	Yes	\$35.90	\$10.41
1045	25-Feb-11	15	4	\$25.46	Yes	\$40.35	\$14.89
1046	25-Feb-11	15	4	\$25.46	Yes	\$35.90	\$10.44
1047	25-Feb-11	15	5	\$25.64	Yes	\$40.35	\$14.71
1048	25-Feb-11	15	5	\$25.64	Yes	\$35.90	\$10.26
1049	25-Feb-11	15	6	\$26.66	Yes	\$40.35	\$13.69
1050	25-Feb-11	15	6	\$26.66	Yes	\$35.90	\$9.24
1051	25-Feb-11	15	7	\$26.80	Yes	\$40.35	\$13.55
1052	25-Feb-11	15	7	\$26.80	Yes	\$35.90	\$9.10
1053	25-Feb-11	15	8	\$26.56	Yes	\$40.35	\$13.79
1054	25-Feb-11	15	8	\$26.56	Yes	\$35.90	\$9.34
1055	25-Feb-11	15	9	\$26.31	Yes	\$40.35	\$14.04
1056	25-Feb-11	15	9	\$26.31	Yes	\$35.90	\$9.59
1057	25-Feb-11	15	10	\$25.56	Yes	\$40.35	\$14.79
1058	25-Feb-11	15	10	\$25.56	Yes	\$35.90	\$10.34
1059	25-Feb-11	15	11	\$25.53	Yes	\$40.35	\$14.82
1060	25-Feb-11	15	11	\$25.53	Yes	\$35.90	\$10.37
1061	25-Feb-11	15	12	\$25.49	Yes	\$40.35	\$14.86
1062	25-Feb-11	15	12	\$25.49	Yes	\$35.90	\$10.41
1063	25-Feb-11	16	1	\$28.04	Yes	\$40.35	\$12.31
1064	25-Feb-11	16	1	\$28.04	Yes	\$35.90	\$7.86
1065	25-Feb-11	16	2	\$26.73	Yes	\$40.35	\$13.62
1066	25-Feb-11	16	2	\$26.73	Yes	\$35.90	\$9.17
1067	25-Feb-11	16	3	\$26.57	Yes	\$35.90	\$9.33
1068	25-Feb-11	16	3	\$26.57	Yes	\$40.35	\$13.78
1069	25-Feb-11	16	4	\$26.71	Yes	\$40.35	\$13.64
1070	25-Feb-11	16	4	\$26.71	Yes	\$35.90	\$9.19
1071	25-Feb-11	16	5	\$26.68	Yes	\$40.35	\$13.67
1072	25-Feb-11	16	5	\$26.68	Yes	\$35.90	\$9.22
1073	25-Feb-11	16	6	\$26.81	Yes	\$40.35	\$13.54
1074	25-Feb-11	16	6	\$26.81	Yes	\$35.90	\$9.09
1075	25-Feb-11	16	7	\$26.82	Yes	\$40.35	\$13.53
1076	25-Feb-11	16	7	\$26.82	Yes	\$35.90	\$9.08

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1077	25-Feb-11	16	8	\$26.33	Yes	\$40.35	\$14.02
1078	25-Feb-11	16	8	\$26.33	Yes	\$35.90	\$9.57
1079	25-Feb-11	16	9	\$25.78	Yes	\$40.35	\$14.57
1080	25-Feb-11	16	9	\$25.78	Yes	\$35.90	\$10.12
1081	25-Feb-11	16	10	\$26.34	Yes	\$40.35	\$14.01
1082	25-Feb-11	16	10	\$26.34	Yes	\$35.90	\$9.56
1083	25-Feb-11	16	11	\$26.85	Yes	\$40.35	\$13.50
1084	25-Feb-11	16	11	\$26.85	Yes	\$35.90	\$9.05
1085	25-Feb-11	16	12	\$27.37	Yes	\$40.35	\$12.98
1086	25-Feb-11	16	12	\$27.37	Yes	\$35.90	\$8.53
1087	25-Feb-11	17	1	\$27.37	Yes	\$40.35	\$12.98
1088	25-Feb-11	17	1	\$27.37	Yes	\$35.90	\$8.53
1089	25-Feb-11	17	2	\$27.44	Yes	\$40.35	\$12.91
1090	25-Feb-11	17	2	\$27.44	Yes	\$35.90	\$8.46
1091	25-Feb-11	17	3	\$27.60	Yes	\$40.35	\$12.75
1092	25-Feb-11	17	3	\$27.60	Yes	\$35.90	\$8.30
1093	25-Feb-11	17	4	\$27.74	Yes	\$40.35	\$12.61
1094	25-Feb-11	17	4	\$27.74	Yes	\$35.90	\$8.16
1095	25-Feb-11	17	5	\$26.93	Yes	\$40.35	\$13.42
1096	25-Feb-11	17	5	\$26.93	Yes	\$35.90	\$8.97
1097	25-Feb-11	17	6	\$27.45	Yes	\$40.35	\$12.90
1098	25-Feb-11	17	6	\$27.45	Yes	\$35.90	\$8.45
1099	25-Feb-11	17	7	\$27.22	Yes	\$40.35	\$13.13
1100	25-Feb-11	17	7	\$27.22	Yes	\$35.90	\$8.68
1101	25-Feb-11	17	8	\$27.58	Yes	\$40.35	\$12.77
1102	25-Feb-11	17	8	\$27.58	Yes	\$35.90	\$8.32
1103	25-Feb-11	17	9	\$32.27	Yes	\$40.35	\$8.08
1104	25-Feb-11	17	9	\$32.27	Yes	\$35.90	\$3.63
1105	25-Feb-11	17	10	\$33.08	Yes	\$40.35	\$7.27
1106	25-Feb-11	17	10	\$33.08	Yes	\$35.90	\$2.82
1107	25-Feb-11	17	11	\$33.08	Yes	\$40.35	\$7.27
1108	25-Feb-11	17	11	\$33.08	Yes	\$35.90	\$2.82
1109	25-Feb-11	17	12	\$35.54	Yes	\$40.35	\$4.81
1110	25-Feb-11	17	12	\$35.54	Yes	\$35.90	\$0.36
1111	25-Feb-11	18	1	\$22.61	Yes	\$35.90	\$13.29
1112	25-Feb-11	18	1	\$22.61	Yes	\$40.35	\$17.74
1113	25-Feb-11	18	2	\$25.89	Yes	\$35.90	\$10.01
1114	25-Feb-11	18	2	\$25.89	Yes	\$40.35	\$14.46
1115	25-Feb-11	18	3	\$26.49	Yes	\$35.90	\$9.41
1116	25-Feb-11	18	3	\$26.49	Yes	\$40.35	\$13.86
1117	25-Feb-11	18	4	\$30.06	Yes	\$35.90	\$5.84
1118	25-Feb-11	18	4	\$30.06	Yes	\$40.35	\$10.29
1119	25-Feb-11	18	5	\$32.54	Yes	\$35.90	\$3.36
1120	25-Feb-11	18	5	\$32.54	Yes	\$40.35	\$7.81
1121	25-Feb-11	18	6	\$37.88	Yes	\$35.90	-\$1.98

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1122	25-Feb-11	18	6	\$37.88	Yes	\$40.35	\$2.47
1123	25-Feb-11	18	7	\$38.31	Yes	\$35.90	-\$2.41
1124	25-Feb-11	18	7	\$38.31	Yes	\$40.35	\$2.04
1125	25-Feb-11	18	8	\$41.35	Yes	\$35.90	-\$5.45
1126	25-Feb-11	18	8	\$41.35	Yes	\$40.35	-\$1.00
1127	25-Feb-11	18	9	\$67.72	Yes	\$35.90	-\$31.82
1128	25-Feb-11	18	9	\$67.72	Yes	\$40.35	-\$27.37
1129	25-Feb-11	18	10	\$305.89	Yes	\$35.90	-\$269.99
1130	25-Feb-11	18	10	\$305.89	Yes	\$40.35	-\$265.54
1131	25-Feb-11	18	11	\$46.81	Yes	\$35.90	-\$10.91
1132	25-Feb-11	18	11	\$46.81	Yes	\$40.35	-\$6.46
1133	25-Feb-11	18	12	\$67.69	Yes	\$35.90	-\$31.79
1134	25-Feb-11	18	12	\$67.69	Yes	\$40.35	-\$27.34
1135	25-Feb-11	19	1	\$33.64	Yes	\$35.90	\$2.26
1136	25-Feb-11	19	1	\$33.64	Yes	\$40.35	\$6.71
1137	25-Feb-11	19	2	\$33.64	Yes	\$35.90	\$2.26
1138	25-Feb-11	19	2	\$33.64	Yes	\$40.35	\$6.71
1139	25-Feb-11	19	3	\$32.95	Yes	\$35.90	\$2.95
1140	25-Feb-11	19	3	\$32.95	Yes	\$40.35	\$7.40
1141	25-Feb-11	19	4	\$33.87	Yes	\$35.90	\$2.03
1142	25-Feb-11	19	4	\$33.87	Yes	\$40.35	\$6.48
1143	25-Feb-11	19	5	\$33.87	Yes	\$35.90	\$2.03
1144	25-Feb-11	19	5	\$33.87	Yes	\$40.35	\$6.48
1145	25-Feb-11	19	6	\$36.21	Yes	\$35.90	-\$0.31
1146	25-Feb-11	19	6	\$36.21	Yes	\$40.35	\$4.14
1147	25-Feb-11	19	7	\$37.43	Yes	\$35.90	-\$1.53
1148	25-Feb-11	19	7	\$37.43	Yes	\$40.35	\$2.92
1149	25-Feb-11	19	8	\$34.63	Yes	\$35.90	\$1.27
1150	25-Feb-11	19	8	\$34.63	Yes	\$40.35	\$5.72
1151	25-Feb-11	19	9	\$33.58	Yes	\$35.90	\$2.32
1152	25-Feb-11	19	9	\$33.58	Yes	\$40.35	\$6.77
1153	25-Feb-11	19	10	\$33.03	Yes	\$35.90	\$2.87
1154	25-Feb-11	19	10	\$33.03	Yes	\$40.35	\$7.32
1155	25-Feb-11	19	11	\$33.42	Yes	\$35.90	\$2.48
1156	25-Feb-11	19	11	\$33.42	Yes	\$40.35	\$6.93
1157	25-Feb-11	19	12	\$33.42	Yes	\$35.90	\$2.48
1158	25-Feb-11	19	12	\$33.42	Yes	\$40.35	\$6.93
1159	25-Feb-11	20	1	\$34.08	Yes	\$40.35	\$6.27
1160	25-Feb-11	20	1	\$34.08	Yes	\$35.90	\$1.82
1161	25-Feb-11	20	2	\$36.54	Yes	\$40.35	\$3.81
1162	25-Feb-11	20	2	\$36.54	Yes	\$35.90	-\$0.64
1163	25-Feb-11	20	3	\$36.08	Yes	\$40.35	\$4.27
1164	25-Feb-11	20	3	\$36.08	Yes	\$35.90	-\$0.18
1165	25-Feb-11	20	4	\$34.70	Yes	\$40.35	\$5.65
1166	25-Feb-11	20	4	\$34.70	Yes	\$35.90	\$1.20



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1167	25-Feb-11	20	5	\$33.47	Yes	\$40.35	\$6.88
1168	25-Feb-11	20	5	\$33.47	Yes	\$35.90	\$2.43
1169	25-Feb-11	20	6	\$33.34	Yes	\$40.35	\$7.01
1170	25-Feb-11	20	6	\$33.34	Yes	\$35.90	\$2.56
1171	25-Feb-11	20	7	\$33.38	Yes	\$40.35	\$6.97
1172	25-Feb-11	20	7	\$33.38	Yes	\$35.90	\$2.52
1173	25-Feb-11	20	8	\$33.38	Yes	\$40.35	\$6.97
1174	25-Feb-11	20	8	\$33.38	Yes	\$35.90	\$2.52
1175	25-Feb-11	20	9	\$33.38	Yes	\$40.35	\$6.97
1176	25-Feb-11	20	9	\$33.38	Yes	\$35.90	\$2.52
1177	25-Feb-11	20	10	\$33.31	Yes	\$35.90	\$2.59
1178	25-Feb-11	20	10	\$33.31	Yes	\$40.35	\$7.04
1179	25-Feb-11	20	11	\$32.12	Yes	\$40.35	\$8.23
1180	25-Feb-11	20	11	\$32.12	Yes	\$35.90	\$3.78
1181	25-Feb-11	20	12	\$32.48	Yes	\$40.35	\$7.87
1182	25-Feb-11	20	12	\$32.48	Yes	\$35.90	\$3.42
1183	25-Feb-11	21	1	\$45.18	Yes	\$40.35	-\$4.83
1184	25-Feb-11	21	1	\$45.18	Yes	\$35.90	-\$9.28
1185	25-Feb-11	21	2	\$44.28	Yes	\$35.90	-\$8.38
1186	25-Feb-11	21	2	\$44.28	Yes	\$40.35	-\$3.93
1187	25-Feb-11	21	3	\$45.18	Yes	\$40.35	-\$4.83
1188	25-Feb-11	21	3	\$45.18	Yes	\$35.90	-\$9.28
1189	25-Feb-11	21	4	\$44.90	Yes	\$40.35	-\$4.55
1190	25-Feb-11	21	4	\$44.90	Yes	\$35.90	-\$9.00
1191	25-Feb-11	21	5	\$45.27	Yes	\$40.35	-\$4.92
1192	25-Feb-11	21	5	\$45.27	Yes	\$35.90	-\$9.37
1193	25-Feb-11	21	6	\$44.65	Yes	\$35.90	-\$8.75
1194	25-Feb-11	21	6	\$44.65	Yes	\$40.35	-\$4.30
1195	25-Feb-11	21	7	\$44.52	Yes	\$40.35	-\$4.17
1196	25-Feb-11	21	7	\$44.52	Yes	\$35.90	-\$8.62
1197	25-Feb-11	21	8	\$44.52	Yes	\$40.35	-\$4.17
1198	25-Feb-11	21	8	\$44.52	Yes	\$35.90	-\$8.62
1199	25-Feb-11	21	9	\$43.50	Yes	\$40.35	-\$3.15
1200	25-Feb-11	21	9	\$43.50	Yes	\$35.90	-\$7.60
1201	25-Feb-11	21	10	\$40.62	Yes	\$35.90	-\$4.72
1202	25-Feb-11	21	10	\$40.62	Yes	\$40.35	-\$0.27
1203	25-Feb-11	21	11	\$36.84	Yes	\$40.35	\$3.51
1204	25-Feb-11	21	11	\$36.84	Yes	\$35.90	-\$0.94
1205	25-Feb-11	21	12	\$28.00	Yes	\$35.90	\$7.90
1206	25-Feb-11	21	12	\$28.00	Yes	\$40.35	\$12.35
1207	25-Feb-11	22	1	\$742.20	Yes	\$35.90	-\$706.30
1208	25-Feb-11	22	2	\$47.59	Yes	\$35.90	-\$11.69
1209	25-Feb-11	22	3	\$39.41	Yes	\$35.90	-\$3.51
1210	25-Feb-11	22	4	\$41.39	Yes	\$35.90	-\$5.49
1211	25-Feb-11	22	5	\$41.39	Yes	\$35.90	-\$5.49

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1212	25-Feb-11	22	6	\$41.39	Yes	\$35.90	-\$5.49
1213	25-Feb-11	22	7	\$41.42	Yes	\$35.90	-\$5.52
1214	25-Feb-11	22	8	\$39.38	Yes	\$35.90	-\$3.48
1215	25-Feb-11	22	9	\$39.29	Yes	\$35.90	-\$3.39
1216	25-Feb-11	22	10	\$37.88	Yes	\$35.90	-\$1.98
1217	25-Feb-11	22	11	\$36.73	Yes	\$35.90	-\$0.83
1218	25-Feb-11	22	12	\$30.01	Yes	\$35.90	\$5.89
1219	25-Feb-11	23	1	\$54.53	Yes	\$35.90	-\$18.63
1220	25-Feb-11	23	2	\$44.18	Yes	\$35.90	-\$8.28
1221	25-Feb-11	23	3	\$38.88	Yes	\$35.90	-\$2.98
1222	25-Feb-11	23	4	\$40.94	Yes	\$35.90	-\$5.04
1223	25-Feb-11	23	5	\$37.97	Yes	\$35.90	-\$2.07
1224	25-Feb-11	23	6	\$39.78	Yes	\$35.90	-\$3.88
1225	25-Feb-11	23	7	\$37.11	Yes	\$35.90	-\$1.21
1226	25-Feb-11	23	8	\$34.76	Yes	\$35.90	\$1.14
1227	25-Feb-11	23	9	\$30.04	Yes	\$35.90	\$5.86
1228	25-Feb-11	23	10	\$25.85	Yes	\$35.90	\$10.05
1229	25-Feb-11	23	11	\$26.12	Yes	\$35.90	\$9.78
1230	25-Feb-11	23	12	\$25.52	Yes	\$35.90	\$10.38
1231	26-Feb-11	24	1	\$47.54	Yes	\$35.75	-\$11.79
1232	26-Feb-11	24	2	\$41.44	Yes	\$35.75	-\$5.69
1233	26-Feb-11	24	3	\$16.25	Yes	\$35.75	\$19.50
1234	26-Feb-11	24	4	\$23.34	Yes	\$35.75	\$12.41
1235	26-Feb-11	24	5	\$26.08	Yes	\$35.75	\$9.67
1236	26-Feb-11	24	6	\$24.70	Yes	\$35.75	\$11.05
1237	26-Feb-11	24	7	\$31.94	Yes	\$35.75	\$3.81
1238	26-Feb-11	24	8	\$27.45	Yes	\$35.75	\$8.30
1239	26-Feb-11	24	9	\$31.49	Yes	\$35.75	\$4.26
1240	26-Feb-11	24	10	\$31.55	Yes	\$35.75	\$4.20
1241	26-Feb-11	24	11	\$24.27	Yes	\$35.75	\$11.48
1242	26-Feb-11	24	12	\$3.73	Yes	\$35.75	\$32.02
1243	27-Feb-11	1	1	\$37.62	Yes	\$35.75	-\$1.87
1244	27-Feb-11	1	2	\$33.98	Yes	\$35.75	\$1.77
1245	27-Feb-11	1	3	-\$26.54	Yes	\$35.75	\$62.29
1246	27-Feb-11	1	4	-\$26.67	Yes	\$35.75	\$62.42
1247	27-Feb-11	1	5	-\$26.67	Yes	\$35.75	\$62.42
1248	27-Feb-11	1	6	-\$26.67	Yes	\$35.75	\$62.42
1249	27-Feb-11	1	7	\$0.02	Yes	\$35.75	\$35.73
1250	27-Feb-11	1	8	\$0.01	Yes	\$35.75	\$35.74
1251	27-Feb-11	1	9	\$26.89	Yes	\$35.75	\$8.86
1252	27-Feb-11	1	10	\$25.97	Yes	\$35.75	\$9.78
1253	27-Feb-11	1	11	\$20.59	Yes	\$35.75	\$15.16
1254	27-Feb-11	1	12	\$0.01	Yes	\$35.75	\$35.74
1255	27-Feb-11	2	1	\$44.96	Yes	\$35.75	-\$9.21
1256	27-Feb-11	2	2	\$36.70	Yes	\$35.75	-\$0.95

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1257	27-Feb-11	2	3	\$0.01	Yes	\$35.75	\$35.74
1258	27-Feb-11	2	4	\$25.09	Yes	\$35.75	\$10.66
1259	27-Feb-11	2	5	\$24.48	Yes	\$35.75	\$11.27
1260	27-Feb-11	2	6	\$24.48	Yes	\$35.75	\$11.27
1261	27-Feb-11	2	7	\$25.61	Yes	\$35.75	\$10.14
1262	27-Feb-11	2	8	\$25.08	Yes	\$35.75	\$10.67
1263	27-Feb-11	2	9	\$25.08	Yes	\$35.75	\$10.67
1264	27-Feb-11	2	10	-\$14.87	Yes	\$35.75	\$50.62
1265	27-Feb-11	2	11	-\$25.51	Yes	\$35.75	\$61.26
1266	27-Feb-11	2	12	-\$25.51	Yes	\$35.75	\$61.26
1267	27-Feb-11	3	1	\$27.11	Yes	\$35.75	\$8.64
1268	27-Feb-11	3	2	\$25.81	Yes	\$35.75	\$9.94
1269	27-Feb-11	3	3	-\$25.40	Yes	\$35.75	\$61.15
1270	27-Feb-11	3	4	-\$25.47	Yes	\$35.75	\$61.22
1271	27-Feb-11	3	5	-\$14.87	Yes	\$35.75	\$50.62
1272	27-Feb-11	3	6	-\$14.87	Yes	\$35.75	\$50.62
1273	27-Feb-11	3	7	-\$14.84	Yes	\$35.75	\$50.59
1274	27-Feb-11	3	8	-\$25.70	Yes	\$35.75	\$61.45
1275	27-Feb-11	3	9	-\$14.84	Yes	\$35.75	\$50.59
1276	27-Feb-11	3	10	-\$25.53	Yes	\$35.75	\$61.28
1277	27-Feb-11	3	11	-\$14.84	Yes	\$35.75	\$50.59
1278	27-Feb-11	3	12	-\$25.53	Yes	\$35.75	\$61.28
1279	27-Feb-11	4	1	\$0.00	Yes	\$35.75	\$35.75
1280	27-Feb-11	4	2	-\$14.85	Yes	\$35.75	\$50.60
1281	27-Feb-11	4	3	-\$25.45	Yes	\$35.75	\$61.20
1282	27-Feb-11	4	4	-\$14.86	Yes	\$35.75	\$50.61
1283	27-Feb-11	4	5	-\$25.49	Yes	\$35.75	\$61.24
1284	27-Feb-11	4	6	-\$14.86	Yes	\$35.75	\$50.61
1285	27-Feb-11	4	7	-\$14.84	Yes	\$35.75	\$50.59
1286	27-Feb-11	4	8	-\$14.84	Yes	\$35.75	\$50.59
1287	27-Feb-11	4	9	-\$25.49	Yes	\$35.75	\$61.24
1288	27-Feb-11	4	10	-\$14.83	Yes	\$35.75	\$50.58
1289	27-Feb-11	4	11	-\$14.83	Yes	\$35.75	\$50.58
1290	27-Feb-11	4	12	-\$25.33	Yes	\$35.75	\$61.08
1291	27-Feb-11	5	1	-\$14.84	Yes	\$35.75	\$50.59
1292	27-Feb-11	5	2	-\$14.84	Yes	\$35.75	\$50.59
1293	27-Feb-11	5	3	-\$25.59	Yes	\$35.75	\$61.34
1294	27-Feb-11	5	4	-\$25.61	Yes	\$35.75	\$61.36
1295	27-Feb-11	5	5	-\$14.84	Yes	\$35.75	\$50.59
1296	27-Feb-11	5	6	-\$25.61	Yes	\$35.75	\$61.36
1297	27-Feb-11	5	7	\$24.31	Yes	\$35.75	\$11.44
1298	27-Feb-11	5	8	\$9.94	Yes	\$35.75	\$25.81
1299	27-Feb-11	5	9	\$24.42	Yes	\$35.75	\$11.33
1300	27-Feb-11	5	10	\$25.40	Yes	\$35.75	\$10.35
1301	27-Feb-11	5	11	\$26.79	Yes	\$35.75	\$8.96

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1302	27-Feb-11	5	12	\$29.89	Yes	\$35.75	\$5.86
1303	27-Feb-11	6	1	\$32.32	Yes	\$35.75	\$3.43
1304	27-Feb-11	6	2	\$33.79	Yes	\$35.75	\$1.96
1305	27-Feb-11	6	3	\$26.32	Yes	\$35.75	\$9.43
1306	27-Feb-11	6	4	\$26.84	Yes	\$35.75	\$8.91
1307	27-Feb-11	6	5	\$26.87	Yes	\$35.75	\$8.88
1308	27-Feb-11	6	6	\$27.21	Yes	\$35.75	\$8.54
1309	27-Feb-11	6	7	\$29.15	Yes	\$35.75	\$6.60
1310	27-Feb-11	6	8	\$30.76	Yes	\$35.75	\$4.99
1311	27-Feb-11	6	9	\$32.50	Yes	\$35.75	\$3.25
1312	27-Feb-11	6	10	\$33.89	Yes	\$35.75	\$1.86
1313	27-Feb-11	6	11	\$33.89	Yes	\$35.75	\$1.86
1314	27-Feb-11	6	12	\$32.41	Yes	\$35.75	\$3.34
1315	27-Feb-11	7	1	\$31.80	Yes	\$35.75	\$3.95
1316	27-Feb-11	7	2	\$25.13	Yes	\$35.75	\$10.62
1317	27-Feb-11	7	3	\$24.72	Yes	\$35.75	\$11.03
1318	27-Feb-11	7	4	\$25.15	Yes	\$35.75	\$10.60
1319	27-Feb-11	7	5	\$24.73	Yes	\$35.75	\$11.02
1320	27-Feb-11	7	6	\$16.73	Yes	\$35.75	\$19.02
1321	27-Feb-11	7	7	\$24.67	Yes	\$35.75	\$11.08
1322	27-Feb-11	7	8	\$16.61	Yes	\$35.75	\$19.14
1323	27-Feb-11	7	9	\$16.01	Yes	\$35.75	\$19.74
1324	27-Feb-11	7	10	\$16.63	Yes	\$35.75	\$19.12
1325	27-Feb-11	7	11	\$24.49	Yes	\$35.75	\$11.26
1326	27-Feb-11	7	12	\$16.63	Yes	\$35.75	\$19.12
1327	27-Feb-11	8	1	\$23.38	Yes	\$35.75	\$12.37
1328	27-Feb-11	8	2	\$23.38	Yes	\$35.75	\$12.37
1329	27-Feb-11	8	3	\$16.15	Yes	\$35.75	\$19.60
1330	27-Feb-11	8	4	\$16.02	Yes	\$35.75	\$19.73
1331	27-Feb-11	8	5	\$16.02	Yes	\$35.75	\$19.73
1332	27-Feb-11	8	6	\$16.02	Yes	\$35.75	\$19.73
1333	27-Feb-11	8	7	\$16.14	Yes	\$35.75	\$19.61
1334	27-Feb-11	8	8	\$16.91	Yes	\$35.75	\$18.84
1335	27-Feb-11	8	9	\$17.46	Yes	\$35.75	\$18.29
1336	27-Feb-11	8	10	\$23.24	Yes	\$35.75	\$12.51
1337	27-Feb-11	8	11	\$25.41	Yes	\$35.75	\$10.34
1338	27-Feb-11	8	12	\$27.47	Yes	\$35.75	\$8.28
1339	27-Feb-11	9	1	\$7.25	Yes	\$35.75	\$28.50
1340	27-Feb-11	9	2	\$15.27	Yes	\$35.75	\$20.48
1341	27-Feb-11	9	3	\$15.39	Yes	\$35.75	\$20.36
1342	27-Feb-11	9	4	\$16.33	Yes	\$35.75	\$19.42
1343	27-Feb-11	9	5	\$16.33	Yes	\$35.75	\$19.42
1344	27-Feb-11	9	6	\$24.80	Yes	\$35.75	\$10.95
1345	27-Feb-11	9	7	\$19.16	Yes	\$35.75	\$16.59
1346	27-Feb-11	9	8	\$24.80	Yes	\$35.75	\$10.95

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1347	27-Feb-11	9	9	\$16.33	Yes	\$35.75	\$19.42
1348	27-Feb-11	9	10	\$16.26	Yes	\$35.75	\$19.49
1349	27-Feb-11	9	11	\$16.26	Yes	\$35.75	\$19.49
1350	27-Feb-11	9	12	\$24.92	Yes	\$35.75	\$10.83
1351	27-Feb-11	10	1	\$16.11	Yes	\$35.75	\$19.64
1352	27-Feb-11	10	2	\$24.84	Yes	\$35.75	\$10.91
1353	27-Feb-11	10	3	\$24.68	Yes	\$35.75	\$11.07
1354	27-Feb-11	10	4	\$21.93	Yes	\$35.75	\$13.82
1355	27-Feb-11	10	5	\$24.67	Yes	\$35.75	\$11.08
1356	27-Feb-11	10	6	\$24.67	Yes	\$35.75	\$11.08
1357	27-Feb-11	10	7	\$24.69	Yes	\$35.75	\$11.06
1358	27-Feb-11	10	8	\$24.69	Yes	\$35.75	\$11.06
1359	27-Feb-11	10	9	\$16.21	Yes	\$35.75	\$19.54
1360	27-Feb-11	10	10	\$15.30	Yes	\$35.75	\$20.45
1361	27-Feb-11	10	11	\$15.38	Yes	\$35.75	\$20.37
1362	27-Feb-11	10	12	\$16.18	Yes	\$35.75	\$19.57
1363	27-Feb-11	11	1	\$25.02	Yes	\$35.75	\$10.73
1364	27-Feb-11	11	2	\$24.82	Yes	\$35.75	\$10.93
1365	27-Feb-11	11	3	\$24.75	Yes	\$35.75	\$11.00
1366	27-Feb-11	11	4	\$24.74	Yes	\$35.75	\$11.01
1367	27-Feb-11	11	5	\$24.74	Yes	\$35.75	\$11.01
1368	27-Feb-11	11	6	\$24.74	Yes	\$35.75	\$11.01
1369	27-Feb-11	11	7	\$24.76	Yes	\$35.75	\$10.99
1370	27-Feb-11	11	8	\$25.42	Yes	\$35.75	\$10.33
1371	27-Feb-11	11	9	\$25.07	Yes	\$35.75	\$10.68
1372	27-Feb-11	11	10	\$25.34	Yes	\$35.75	\$10.41
1373	27-Feb-11	11	11	\$25.34	Yes	\$35.75	\$10.41
1374	27-Feb-11	11	12	\$25.34	Yes	\$35.75	\$10.41
1375	27-Feb-11	12	1	\$25.61	Yes	\$35.75	\$10.14
1376	27-Feb-11	12	2	\$25.61	Yes	\$35.75	\$10.14
1377	27-Feb-11	12	3	\$25.84	Yes	\$35.75	\$9.91
1378	27-Feb-11	12	4	\$27.50	Yes	\$35.75	\$8.25
1379	27-Feb-11	12	5	\$27.50	Yes	\$35.75	\$8.25
1380	27-Feb-11	12	6	\$27.22	Yes	\$35.75	\$8.53
1381	27-Feb-11	12	7	\$27.41	Yes	\$35.75	\$8.34
1382	27-Feb-11	12	8	\$27.41	Yes	\$35.75	\$8.34
1383	27-Feb-11	12	9	\$27.41	Yes	\$35.75	\$8.34
1384	27-Feb-11	12	10	\$27.48	Yes	\$35.75	\$8.27
1385	27-Feb-11	12	11	\$27.48	Yes	\$35.75	\$8.27
1386	27-Feb-11	12	12	\$27.20	Yes	\$35.75	\$8.55
1387	27-Feb-11	13	1	\$32.56	Yes	\$35.75	\$3.19
1388	27-Feb-11	13	2	\$28.38	Yes	\$35.75	\$7.37
1389	27-Feb-11	13	3	\$27.50	Yes	\$35.75	\$8.25
1390	27-Feb-11	13	4	\$27.35	Yes	\$35.75	\$8.40
1391	27-Feb-11	13	5	\$27.43	Yes	\$35.75	\$8.32

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1392	27-Feb-11	13	6	\$27.43	Yes	\$35.75	\$8.32
1393	27-Feb-11	13	7	\$32.57	Yes	\$35.75	\$3.18
1394	27-Feb-11	13	8	\$28.99	Yes	\$35.75	\$6.76
1395	27-Feb-11	13	9	\$28.78	Yes	\$35.75	\$6.97
1396	27-Feb-11	13	10	\$25.33	Yes	\$35.75	\$10.42
1397	27-Feb-11	13	11	\$26.56	Yes	\$35.75	\$9.19
1398	27-Feb-11	13	12	\$26.68	Yes	\$35.75	\$9.07
1399	27-Feb-11	14	1	\$26.91	Yes	\$35.75	\$8.84
1400	27-Feb-11	14	2	\$26.70	Yes	\$35.75	\$9.05
1401	27-Feb-11	14	3	\$26.65	Yes	\$35.75	\$9.10
1402	27-Feb-11	14	4	\$25.56	Yes	\$35.75	\$10.19
1403	27-Feb-11	14	5	\$25.56	Yes	\$35.75	\$10.19
1404	27-Feb-11	14	6	\$25.56	Yes	\$35.75	\$10.19
1405	27-Feb-11	14	7	\$25.91	Yes	\$35.75	\$9.84
1406	27-Feb-11	14	8	\$25.58	Yes	\$35.75	\$10.17
1407	27-Feb-11	14	9	\$25.58	Yes	\$35.75	\$10.17
1408	27-Feb-11	14	10	\$15.44	Yes	\$35.75	\$20.31
1409	27-Feb-11	14	11	\$15.44	Yes	\$35.75	\$20.31
1410	27-Feb-11	14	12	\$15.44	Yes	\$35.75	\$20.31
1411	27-Feb-11	15	1	\$24.93	Yes	\$35.75	\$10.82
1412	27-Feb-11	15	2	\$24.86	Yes	\$35.75	\$10.89
1413	27-Feb-11	15	3	\$21.91	Yes	\$35.75	\$13.84
1414	27-Feb-11	15	4	\$21.89	Yes	\$35.75	\$13.86
1415	27-Feb-11	15	5	\$15.43	Yes	\$35.75	\$20.32
1416	27-Feb-11	15	6	\$15.43	Yes	\$35.75	\$20.32
1417	27-Feb-11	15	7	\$21.90	Yes	\$35.75	\$13.85
1418	27-Feb-11	15	8	\$15.47	Yes	\$35.75	\$20.28
1419	27-Feb-11	15	9	\$7.20	Yes	\$35.75	\$28.55
1420	27-Feb-11	15	10	\$0.05	Yes	\$35.75	\$35.70
1421	27-Feb-11	15	11	\$0.01	Yes	\$35.75	\$35.74
1422	27-Feb-11	15	12	\$5.01	Yes	\$35.75	\$30.74
1423	27-Feb-11	16	1	\$2.63	Yes	\$40.17	\$37.54
1424	27-Feb-11	16	2	\$7.20	Yes	\$40.17	\$32.97
1425	27-Feb-11	16	3	\$7.20	Yes	\$40.17	\$32.97
1426	27-Feb-11	16	4	\$7.20	Yes	\$40.17	\$32.97
1427	27-Feb-11	16	5	\$7.20	Yes	\$40.17	\$32.97
1428	27-Feb-11	16	6	\$5.01	Yes	\$40.17	\$35.16
1429	27-Feb-11	16	7	\$7.20	Yes	\$40.17	\$32.97
1430	27-Feb-11	16	8	\$7.20	Yes	\$40.17	\$32.97
1431	27-Feb-11	16	9	\$7.20	Yes	\$40.17	\$32.97
1432	27-Feb-11	16	10	\$7.20	Yes	\$40.17	\$32.97
1433	27-Feb-11	16	11	\$7.20	Yes	\$40.17	\$32.97
1434	27-Feb-11	16	12	\$2.61	Yes	\$40.17	\$37.56
1435	27-Feb-11	17	1	\$0.01	Yes	\$40.17	\$40.16
1436	27-Feb-11	17	2	\$0.00	Yes	\$40.17	\$40.17

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1437	27-Feb-11	17	3	\$0.01	Yes	\$40.17	\$40.16
1438	27-Feb-11	17	4	\$0.01	Yes	\$40.17	\$40.16
1439	27-Feb-11	17	5	\$0.01	Yes	\$40.17	\$40.16
1440	27-Feb-11	17	6	\$0.05	Yes	\$40.17	\$40.12
1441	27-Feb-11	17	7	\$7.23	Yes	\$40.17	\$32.94
1442	27-Feb-11	17	8	\$23.85	Yes	\$40.17	\$16.32
1443	27-Feb-11	17	9	\$24.90	Yes	\$40.17	\$15.27
1444	27-Feb-11	17	10	\$24.93	Yes	\$40.17	\$15.24
1445	27-Feb-11	17	11	\$24.93	Yes	\$40.17	\$15.24
1446	27-Feb-11	17	12	\$26.02	Yes	\$40.17	\$14.15
1447	27-Feb-11	18	1	-\$27.45	Yes	\$40.17	\$67.62
1448	27-Feb-11	18	2	-\$14.98	Yes	\$40.17	\$55.15
1449	27-Feb-11	18	3	\$0.00	Yes	\$40.17	\$40.17
1450	27-Feb-11	18	4	\$5.06	Yes	\$40.17	\$35.11
1451	27-Feb-11	18	5	\$15.49	Yes	\$40.17	\$24.68
1452	27-Feb-11	18	6	\$23.42	Yes	\$40.17	\$16.75
1453	27-Feb-11	18	7	\$34.11	Yes	\$40.17	\$6.06
1454	27-Feb-11	18	8	\$37.84	Yes	\$40.17	\$2.33
1455	27-Feb-11	18	9	\$52.35	Yes	\$40.17	-\$12.18
1456	27-Feb-11	18	10	\$46.64	Yes	\$40.17	-\$6.47
1457	27-Feb-11	18	11	\$66.92	Yes	\$40.17	-\$26.75
1458	27-Feb-11	18	12	\$66.92	Yes	\$40.17	-\$26.75
1459	27-Feb-11	19	1	\$46.50	Yes	\$40.17	-\$6.33
1460	27-Feb-11	19	2	\$39.72	Yes	\$40.17	\$0.45
1461	27-Feb-11	19	3	\$40.33	Yes	\$40.17	-\$0.16
1462	27-Feb-11	19	4	\$36.80	Yes	\$40.17	\$3.37
1463	27-Feb-11	19	5	\$46.43	Yes	\$40.17	-\$6.26
1464	27-Feb-11	19	6	\$53.84	Yes	\$40.17	-\$13.67
1465	27-Feb-11	19	7	\$54.35	Yes	\$40.17	-\$14.18
1466	27-Feb-11	19	8	\$68.61	Yes	\$40.17	-\$28.44
1467	27-Feb-11	19	9	\$62.24	Yes	\$40.17	-\$22.07
1468	27-Feb-11	19	10	\$68.86	Yes	\$40.17	-\$28.69
1469	27-Feb-11	19	11	\$67.09	Yes	\$40.17	-\$26.92
1470	27-Feb-11	19	12	\$67.51	Yes	\$40.17	-\$27.34
1471	27-Feb-11	20	1	\$64.46	Yes	\$40.17	-\$24.29
1472	27-Feb-11	20	2	\$59.64	Yes	\$40.17	-\$19.47
1473	27-Feb-11	20	3	\$56.81	Yes	\$40.17	-\$16.64
1474	27-Feb-11	20	4	\$67.27	Yes	\$40.17	-\$27.10
1475	27-Feb-11	20	5	\$64.12	Yes	\$40.17	-\$23.95
1476	27-Feb-11	20	6	\$66.87	Yes	\$40.17	-\$26.70
1477	27-Feb-11	20	7	\$68.63	Yes	\$40.17	-\$28.46
1478	27-Feb-11	20	8	\$64.47	Yes	\$40.17	-\$24.30
1479	27-Feb-11	20	9	\$61.64	Yes	\$40.17	-\$21.47
1480	27-Feb-11	20	10	\$68.62	Yes	\$40.17	-\$28.45
1481	27-Feb-11	20	11	\$56.85	Yes	\$40.17	-\$16.68

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1482	27-Feb-11	20	12	\$53.20	Yes	\$40.17	-\$13.03
1483	27-Feb-11	21	1	\$66.88	Yes	\$35.75	-\$31.13
1484	27-Feb-11	21	2	\$57.64	Yes	\$35.75	-\$21.89
1485	27-Feb-11	21	3	\$54.98	Yes	\$35.75	-\$19.23
1486	27-Feb-11	21	4	\$57.20	Yes	\$35.75	-\$21.45
1487	27-Feb-11	21	5	\$52.50	Yes	\$35.75	-\$16.75
1488	27-Feb-11	21	6	\$46.61	Yes	\$35.75	-\$10.86
1489	27-Feb-11	21	7	\$42.15	Yes	\$35.75	-\$6.40
1490	27-Feb-11	21	8	\$38.26	Yes	\$35.75	-\$2.51
1491	27-Feb-11	21	9	\$37.01	Yes	\$35.75	-\$1.26
1492	27-Feb-11	21	10	\$38.25	Yes	\$35.75	-\$2.50
1493	27-Feb-11	21	11	\$32.94	Yes	\$35.75	\$2.81
1494	27-Feb-11	21	12	\$32.40	Yes	\$35.75	\$3.35
1495	27-Feb-11	22	1	\$48.32	Yes	\$35.75	-\$12.57
1496	27-Feb-11	22	2	\$46.47	Yes	\$35.75	-\$10.72
1497	27-Feb-11	22	3	\$32.71	Yes	\$35.75	\$3.04
1498	27-Feb-11	22	4	\$43.40	Yes	\$35.75	-\$7.65
1499	27-Feb-11	22	5	\$40.99	Yes	\$35.75	-\$5.24
1500	27-Feb-11	22	6	\$38.22	Yes	\$35.75	-\$2.47
1501	27-Feb-11	22	7	\$32.87	Yes	\$35.75	\$2.88
1502	27-Feb-11	22	8	\$32.87	Yes	\$35.75	\$2.88
1503	27-Feb-11	22	9	\$28.17	Yes	\$35.75	\$7.58
1504	27-Feb-11	22	10	\$29.45	Yes	\$35.75	\$6.30
1505	27-Feb-11	22	11	\$27.93	Yes	\$35.75	\$7.82
1506	27-Feb-11	22	12	\$17.58	Yes	\$35.75	\$18.17
1507	27-Feb-11	23	1	\$52.30	Yes	\$35.75	-\$16.55
1508	27-Feb-11	23	2	\$44.16	Yes	\$35.75	-\$8.41
1509	27-Feb-11	23	3	\$28.02	Yes	\$35.75	\$7.73
1510	27-Feb-11	23	4	\$29.32	Yes	\$35.75	\$6.43
1511	27-Feb-11	23	5	\$29.44	Yes	\$35.75	\$6.31
1512	27-Feb-11	23	6	\$29.43	Yes	\$35.75	\$6.32
1513	27-Feb-11	23	7	\$27.87	Yes	\$35.75	\$7.88
1514	27-Feb-11	23	8	\$26.60	Yes	\$35.75	\$9.15
1515	27-Feb-11	23	9	\$26.60	Yes	\$35.75	\$9.15
1516	27-Feb-11	23	10	\$10.33	Yes	\$35.75	\$25.42
1517	27-Feb-11	23	11	\$15.72	Yes	\$35.75	\$20.03
1518	27-Feb-11	23	12	\$10.33	Yes	\$35.75	\$25.42
1519	28-Feb-11	24	1	\$45.91	Yes	\$35.75	-\$10.16
1520	28-Feb-11	24	2	\$35.69	Yes	\$35.75	\$0.06
1521	28-Feb-11	24	3	\$32.01	Yes	\$35.75	\$3.74
1522	28-Feb-11	24	4	\$32.53	Yes	\$35.75	\$3.22
1523	28-Feb-11	24	5	\$31.94	Yes	\$35.75	\$3.81
1524	28-Feb-11	24	6	\$31.94	Yes	\$35.75	\$3.81
1525	28-Feb-11	24	7	\$27.81	Yes	\$35.75	\$7.94
1526	28-Feb-11	24	8	\$27.81	Yes	\$35.75	\$7.94



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1527	28-Feb-11	24	9	\$27.38	Yes	\$35.75	\$8.37
1528	28-Feb-11	24	10	\$26.26	Yes	\$35.75	\$9.49
1529	28-Feb-11	24	11	\$25.76	Yes	\$35.75	\$9.99
1530	28-Feb-11	24	12	\$10.30	Yes	\$35.75	\$25.45

## **Appendix C: Exceptional Dispatch Bid Mitigation Analysis**

In February 2011, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS<sup>8</sup> and Delta Dispatch. There was no such exceptional dispatch subject to the bid mitigation.

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<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 27<sup>th</sup> day of May, 2011.

*/s/ Charity N. Wilson*

Charity Wilson