



California Independent
System Operator Corporation

April 30, 2010

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

**Re: California Independent System Operator Corporation
Docket Nos. ER08-1178-____, and EL08-88-____
January 2010 Exceptional Dispatch Report (Chart 2 data)**

Dear Secretary Bose:

Pursuant to the Commission's September 2, 2009 order in the above-identified docket, *Cal. Indep. System Operator Corp*, 128 FERC ¶ 61,218 (2008), the California Independent System Operator Corporation (ISO) submits the attached report. The attached report provides Exceptional Dispatch information that the Commission directed be included in "Chart 2", which was set forth in Appendix A to the September 2 Order, as modified by the ISO's September 14, 2009 motion for clarification. The attached report provides Chart 2 data for the month of January 2010. The September 14 motion proposed to file the Chart 2 report for any given calendar month on the 30th of the month following the filing of the "Chart 1" report. The attached Chart 2 report also includes the price impact analysis for the month of January 2010 required by Paragraph 44 of the September 2 order as well as the degree of mitigation analysis required by ISO tariff section 34.9.4 for the month of January 2010.

Respectfully submitted,

/s/ Sidney M. Davies

Sidney M. Davies
Assistant General Counsel
California Independent System
Operator Corporation
151 Blue Ravine Road
Folsom, CA 95630
Tel: (916) 351-4400



Exceptional Dispatch Report

Table 2: January 2010

TABLE OF CONTENTS

Introduction	3
The Nature of Exceptional Dispatch.....	3
Appendix A: Explanation by Example	13
Example 1: Exceptional Dispatch Instructions Prior to DAM	13
Example 2: Incremental Exceptional Dispatch Instructions in RTM.....	14
Example 3: Decremental Exceptional Dispatch Instructions in RTM.....	16
Appendix B: Price Impact Analysis	17
Appendix C: Exceptional Dispatch Bid Mitigation Analysis	79

LIST OF TABLES AND FIGURES

Table 1: Exceptional Dispatches in January 2010	7
Table 2: Instructions Prior to Day-Ahead Market	13
Table 3: FERC Summary of Instructions Prior to DAM	13
Table 4: Incremental Exceptional Dispatch Instructions in RTM	14
Table 5: FERC Summary of ED Instructions in RTM	15
Table 6: Decremental Exceptional Dispatch Instructions in RTM	16
Table 7: FERC Summary of Decremental ED Instructions in RTM.....	16
Table 8: Price Impact Analysis Information for Pricing Node A in PG&E LAP	18
Table 9: Price Impact Analysis Information for Pricing Node B in SCE LAP	38
Table 10: Bid Mitigation Analysis for January	79

Introduction

In its September 2nd order in ER08-1178, FERC directed the ISO to file two exceptional dispatch reports for each reporting period. The ISO filed the first report for January 2010 on March 15, 2010, which contained details of occurrences of exceptional dispatch instructions according to the FERC-prescribed format as modified by the ISO's September 14, 2009 request for clarification.¹ This is the second report for January 2010, which contains cost information relating to each occurrence detailed in the first report. This report also follows FERC's format as modified by the ISO's request for clarification filed on September 14, 2009.

In addition, this report contains a price impact analysis as prescribed by FERC order.² The price impact analysis for the month of January is presented in Appendix B. This report also includes the degree of mitigation analysis for January 2010 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation (i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for January is presented in Appendix C.

The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post day-ahead unit commitment or a real-time exceptional dispatch. A pre-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its physical minimum (Pmin) operating level in the day-ahead market. A post-day-ahead unit commitment is an exceptional dispatch instruction committing a resource at or above its (Pmin) operating level in the real-time market. A real-time exceptional dispatch instructs a resource to operate at or above its physical minimum operating point. For the purposes of this report, a real-time exceptional dispatch above the resource's day-ahead award is considered an incremental exceptional dispatch instruction and a real-time exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction. The ISO issues exceptional dispatch instructions primarily to manage transmission constraints that are not modeled in the market software. In addition to constraints, the ISO

¹ See *Cal. Indep. Sys. Operator Corp.*, 128 FERC ¶ 61,218 at PP 38-43 (2009). The ISO's request for clarification is still pending.

² See *Id.* at P 44.

also issues exceptional dispatch instructions relating to reliability requirements and, on occasion, software failures. Reliability requirements are calculated for both local area and the system wide needs, and are classified into various requirements including local generation, transmission management, non-modeled transmission outages, ramping and intertie emergency assistance. Whenever the ISO issues an exceptional dispatch instruction, these instructions are logged by the operators into the scheduling and logging system (SLIC), including an associated reason for each exceptional dispatch instruction.

In January 2010, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-219, SCE area generation requirements; Exceptional dispatch instructions were also issued for 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-133, transmission facilities in Bay Area; (5) T-135, Lugo-Victorville 500 kV Line and Sylmar Transformer Banks Operation; (6) T-138, transmission facilities in Humboldt area; and (7) other transmission outages in PG&E, SCE and SDG&E area.

In Table 1, the reason codes starting with “G” refer to an ISO operation procedure for generation requirements and the reason codes starting with “T” refer to an ISO operating procedure for transmission facilities. Most of the generation procedures are internal to the ISO and not available publicly on the ISO website; however, all of the transmission procedures are available on the CAISO website.³

The following additional reasons for exceptional dispatch instructions in January 2010 were not related to specific generation or transmission operating procedures: (1) Intertie Emergency Assistance, when CAISO was providing assistance to its neighboring control area; (2) 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.); (3) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures; and (4) Ramp Rate, when

³ 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>

exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in January, which are self explanatory.

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.⁴ This table contains all the information published in the Table 1 of the first report for January. In addition, it contains volume (MWh) and cost information. Each entry in Table 1 is a summary of exceptional 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.

⁴ 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.

- 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.⁵
- The CC6470 shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.
- The ED Volume MWh (MWh INC/DEC) shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction which is settled at the resource specific LMP.
- The CC6470-DEC shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both these charge codes are portion of the real-time instructed imbalance energy charge code (6470).⁶
- The CC6482 shows the real-time excess cost for the classification.⁷
- The CC6488 shows the real-time exceptional dispatch uplift settlement for the classification.⁸ 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.

⁵ For further details please refer to sections 11.8 of the ISO tariff for further details regarding the Bid Cost Recovery process.

⁶ For further details please refer to the BPM configuration Guide: Real-Time Instructed Imbalance Energy Settlement published on the ISO's website.

⁷ For further details please refer to the BPM configuration Guide: Real Time Excess Cost for Instructed Energy Settlement published on the ISO's website.

⁸ For further details please refer to the BPM configuration Guide: Real Time Exceptional Dispatch uplift Settlement published on the ISO's website.

Table 1: Exceptional Dispatches in January 2010

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

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

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	DA	Generation Outage SP26	SDG&E	San Diego	8-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$60,921	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$36,474
2	DA	SP26 Capacity	SCE	LA Basin	18-Jan-10	20	Yes	N/A	5	19:00	23:00	100.00	\$12,330	\$40,012	\$0	0.00	\$0	\$0	\$0	\$0	\$41,405
3	DA	SP26 Capacity	SCE	LA Basin	19-Jan-10	20	Yes	N/A	4	20:00	23:00	80.00	\$9,864	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$13,870
4	DA	SP26 Capacity	SCE	LA Basin	25-Jan-10	20	Yes	N/A	5	19:00	23:00	100.00	\$12,330	\$33,343	\$0	0.00	\$0	\$0	\$0	\$0	\$65,603
5	DA	SP26 Capacity	SCE	LA Basin	26-Jan-10	20	Yes	N/A	6	18:00	23:00	120.00	\$14,796	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$8,963
6	DA	SP26 Capacity	SDG&E	San Diego	1-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$57,393	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$35,800
7	DA	SP26 Capacity	SDG&E	San Diego	2-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$57,578	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$37,134
8	DA	SP26 Capacity	SDG&E	San Diego	3-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$57,578	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$244
9	DA	SP26 Capacity	SDG&E	San Diego	4-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$57,578	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$32,723
10	DA	SP26 Capacity	SDG&E	San Diego	5-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$57,578	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$34,256
11	DA	SP26 Capacity	SDG&E	San Diego	6-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$59,064	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$36,603
12	DA	SP26 Capacity	SDG&E	San Diego	7-Jan-10	20	Yes	N/A	24	0:00	23:00	480.00	\$59,620	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$34,511
13	DA	SP26 Capacity	SDG&E	San Diego	10-Jan-10	200	Yes	N/A	24	0:00	23:00	4800.00	\$228,195	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
14	DA	SP26 Capacity	SDG&E	San Diego	11-Jan-10	200	Yes	N/A	24	0:00	23:00	4800.00	\$228,195	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
15	DA	T-135	SCE	N/A	19-Jan-10	40	Yes	N/A	13	6:00	18:00	520.00	\$43,205	\$18,612	\$0	0.00	\$0	\$0	\$0	\$0	\$18,786
16	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	4-Jan-10	20	Yes	N/A	10	6:00	15:00	200.00	\$19,157	\$5,375	\$0	0.00	\$0	\$0	\$0	\$0	\$16,812
17	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	8-Jan-10	20	Yes	N/A	10	5:00	14:00	200.00	\$20,264	\$10,421	\$0	0.00	\$0	\$0	\$0	\$0	\$20,368
18	DA	Transmission Outage SCE	SCE	LA Basin	2-Jan-10	20	Yes	N/A	18	6:00	23:00	360.00	\$69,192	\$38,041	\$0	0.00	\$0	\$0	\$0	\$0	\$86,827
19	DA	Transmission Outage SCE	SCE	LA Basin	3-Jan-10	20	Yes	N/A	14	6:00	19:00	280.00	\$53,816	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$10,028
20	DA	Transmission Outage SCE	SCE	LA Basin	5-Jan-10	40	Yes	N/A	18	6:00	23:00	720.00	\$138,385	\$38,041	\$0	0.00	\$0	\$0	\$0	\$0	\$149,616
21	DA	Transmission Outage SCE	SCE	LA Basin	6-Jan-10	40	Yes	N/A	24	0:00	23:00	960.00	\$184,513	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
22	DA	Transmission Outage SCE	SCE	LA Basin	10-Jan-10	160	Yes	N/A	19	0:00	18:00	3040.00	\$154,831	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
23	DA	Transmission Outage SCE	SCE	LA Basin	28-Jan-10	20	Yes	N/A	4	20:00	23:00	80.00	\$9,864	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$4,059
24	RT	DC Circulation	N/A	N/A	8-Jan-10	146	No	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
25	RT	DC Circulation	N/A	N/A	9-Jan-10	258-414	No	INC	5	0:00	4:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
26	RT	DC Circulation	N/A	N/A	10-Jan-10	366-766	No	INC	2	22:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
27	RT	DC Circulation	N/A	N/A	11-Jan-10	304	No	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0

Department of Market Services – California ISO

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
28	RT	G-219	SCE	LA Basin	4-Jan-10	20	Yes	INC	24	0:00	23:59	1891.36	\$42,284	\$32,554	(\$258,493)	198.64	(\$13,953)	\$0	\$0	\$0	\$0
29	RT	Generation Outage SP26	PG&E	Fresno	19-Jan-10	0	Yes	DEC	2	16:58	17:34	97.78	\$0	\$0	(\$11,283)	0.00	\$0	\$0	\$0	\$0	\$0
30	RT	Generation Outage SP26	PG&E	Fresno	19-Jan-10	166-800	Yes	INC	2	16:39	17:34	242.53	\$0	\$0	(\$16,309)	150.73	(\$10,036)	\$0	(\$740)	\$0	\$0
31	RT	Generation Outage SP26	SCE	LA Basin	18-Jan-10	72	Yes	INC	1	17:10	17:59	65.57	\$1,067	\$160	(\$31,199)	0.13	(\$6)	\$0	(\$5)	\$0	\$0
32	RT	Generation Outage SP26	SCE	LA Basin	19-Jan-10	84	Yes	INC	3	16:42	18:59	197.29	\$8,125	\$800	(\$30,257)	19.46	(\$1,234)	\$0	(\$540)	\$0	\$0
33	RT	Generation Outage SP26	SDG&E	San Diego	18-Jan-10	39	Yes	INC	1	17:20	17:59	25.95	\$0	\$0	(\$2,037)	0.00	\$0	\$0	\$0	\$0	
34	RT	Generation Outage SP26	SDG&E	San Diego	19-Jan-10	46	Yes	INC	3	16:42	18:59	107.06	\$4,733	\$900	(\$10,534)	17.21	(\$1,061)	\$0	(\$421)	\$0	\$0
35	RT	Generation Outage SP26	SDG&E	San Diego	21-Jan-10	20	Yes	INC	24	0:00	23:59	1586.99	\$36,987	\$0	(\$105,777)	0.00	\$0	\$0	\$0	\$0	\$0
36	RT	Intertie Emergency Assistance	N/A	N/A	6-Jan-10	100	No	INC	1	14:35	14:59	(41.67)	\$0	\$0	\$1,704	(41.67)	\$0	\$1,704	\$0	\$0	\$0
37	RT	Intertie Emergency Assistance	N/A	N/A	20-Jan-10	100-150	No	INC	2	19:32	20:59	(170.00)	\$0	\$0	\$8,878	(170.00)	\$0	\$8,878	\$0	\$0	\$0
38	RT	Load Forecast Uncertainty	PG&E	Bay Area	21-Jan-10	45	No	INC	19	5:00	23:59	2006.07	\$69,918	\$12,924	(\$142,143)	0.00	\$0	\$0	\$0	\$0	\$0
39	RT	Load Forecast Uncertainty	PG&E	N/A	19-Jan-10	69-500	No	DEC	5	18:00	22:59	(2100.43)	\$0	\$0	\$112,590	0.00	\$0	\$0	\$0	\$0	\$0
40	RT	Load Forecast Uncertainty	SCE	Big Creek-Ventura	19-Jan-10	20	Yes	INC	15	9:00	23:59	706.63	\$26,088	\$0	(\$82,917)	259.88	(\$20,263)	\$0	\$0	\$0	\$0
41	RT	Load Forecast Uncertainty	SCE	Big Creek-Ventura	20-Jan-10	20	Yes	INC	14	0:00	13:59	294.98	\$18,634	\$0	(\$20,005)	0.00	\$0	\$0	\$0	\$0	\$0
42	RT	Load Forecast Uncertainty	SCE	Big Creek-Ventura	21-Jan-10	20	Yes	INC	24	0:00	23:59	845.49	\$44,722	\$0	(\$51,000)	0.00	\$0	\$0	\$0	\$0	\$0
43	RT	Load Forecast Uncertainty	SCE	LA Basin	20-Jan-10	20	Yes	INC	24	0:00	23:59	1635.45	\$51,786	\$0	(\$213,263)	0.00	\$0	\$0	\$0	\$0	\$0
44	RT	Load Forecast Uncertainty	SCE	LA Basin	21-Jan-10	10	Yes	INC	18	6:00	23:59	796.38	\$35,766	\$35,286	(\$53,695)	0.00	\$0	\$0	\$0	\$0	\$0
45	RT	Load Forecast Uncertainty	SCE	LA Basin	22-Jan-10	40-50	Yes	INC	24	0:00	23:59	2576.24	\$92,963	\$0	(\$162,157)	0.00	\$0	\$0	\$0	\$0	\$0
46	RT	Load Forecast Uncertainty	SDG&E	San Diego	20-Jan-10	20	Yes	INC	19	0:00	18:59	1029.94	\$23,933	\$0	(\$74,773)	0.00	\$0	\$0	\$0	\$0	\$0
47	RT	Market Disruption	N/A	N/A	3-Jan-10	360	Yes	INC	1	18:00	18:59	360.00	\$0	\$0	(\$45,452)	360.00	(\$45,452)	\$0	\$0	\$0	\$0
48	RT	Market Disruption	N/A	N/A	21-Jan-10	5	Yes	INC	2	22:00	23:59	(10.00)	\$0	\$0	\$0	(10.00)	\$0	\$0	\$0	\$0	\$0
49	RT	Market Disruption	N/A	N/A	23-Jan-10	97	No	DEC	1	8:00	8:59	(97.00)	\$0	\$0	\$0	(97.00)	\$0	\$0	\$0	\$0	\$0
50	RT	Market Disruption	N/A	N/A	23-Jan-10	94-102	Yes	INC	3	8:00	10:59	8.00	\$0	\$0	(\$5,124)	8.00	(\$5,124)	\$0	\$0	\$0	\$0
51	RT	Market Disruption	N/A	N/A	28-Jan-10	0	No	INC	1	23:00	23:59	0.00	\$0	\$0	(\$0)	0.00	\$0	\$0	\$0	\$0	\$0
52	RT	Market Disruption	N/A	N/A	30-Jan-10	50	Yes	INC	1	9:00	9:59	(50.00)	\$0	\$0	\$0	(50.00)	\$0	\$0	\$0	\$0	\$0
53	RT	Over Generation	PG&E	N/A	13-Jan-10	228	Yes	DEC	1	17:02	17:21	(98.66)	\$0	\$0	\$1,206	(68.84)	\$0	\$0	\$0	\$0	\$0
54	RT	Over Generation	PG&E	Sierra	13-Jan-10	207	Yes	DEC	1	17:01	17:21	(89.74)	\$0	\$0	\$3,266	(60.04)	\$0	\$2,077	\$0	\$0	\$0
55	RT	Pump Management	PG&E	Fresno	13-Jan-10	308	Yes	DEC	1	23:55	23:59	(25.67)	\$0	\$0	\$1,072	0.00	\$0	\$0	\$0	\$0	\$0
56	RT	Pump Management	PG&E	Fresno	13-Jan-10	0	Yes	INC	1	23:40	23:59	(25.67)	\$0	\$0	\$1,072	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Pump Management	PG&E	Fresno	15-Jan-10	0	Yes	INC	1	3:00	3:59	3.46	\$0	\$0	(\$157)	0.00	\$0	\$0	\$0	\$0	\$0
58	RT	Pump Management	SCE	N/A	13-Jan-10	0	No	INC	7	0:00	6:29	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
59	RT	Ramp Rate	PG&E	N/A	19-Jan-10	200	Yes	INC	1	5:38	5:55	49.97	\$0	\$0	(\$9,717)	43.41	(\$7,726)	\$0	\$0	\$0	\$0
60	RT	Ramp Rate	SCE	Big Creek-Ventura	19-Jan-10	50	Yes	INC	12	7:50	18:59	654.72	\$18,634	\$0	(\$80,623)	276.87	(\$21,414)	\$0	\$0	\$0	\$0
61	RT	Ramp Rate	SCE	LA Basin	11-Jan-10	65	Yes	INC	4	16:00	19:59	671.59	\$0	\$0	(\$44,311)	94.66	(\$5,556)	\$0	\$0	\$0	\$0
62	RT	Ramp Rate	SCE	LA Basin	12-Jan-10	45-65	No	INC	15	6:45	20:59	1947.56	\$0	\$0	(\$172,062)	330.00	(\$18,981)	\$0	\$0	\$0	\$0
63	RT	Ramp Rate	SCE	LA Basin	29-Jan-10	65	Yes	INC	5	16:55	20:59	281.04	\$10,275	\$0	(\$14,641)	165.01	(\$8,832)	\$0	\$0	\$0	\$0
64	RT	SCE Import Limit	SCE	LA Basin	7-Jan-10	20-200	Yes	INC	24	0:00	23:59	6946.45	\$316,741	\$60,412	(\$388,581)	0.00	\$0	\$0	\$0	\$0	\$0
65	RT	SCE Import Limit	SCE	LA Basin	25-Jan-10	5-265	Yes	DEC	24	0:00	23:59	(72.03)	\$0	\$0	\$3,771	0.00	\$0	\$0	\$0	\$0	\$0
66	RT	SCE Import Limit	SCE	LA Basin	25-Jan-10	20	Yes	INC	24	0:00	23:59	874.90	\$39,746	\$0	(\$51,627)	0.00	\$0	\$0	\$0	\$0	\$0
67	RT	SCE Import Limit	SCE	LA Basin	27-Jan-10	31	Yes	DEC	1	13:45	13:49	(5.24)	\$0	\$0	\$236	0.00	\$0	\$0	\$0	\$0	\$0
68	RT	SCE Import Limit	SCE	LA Basin	28-Jan-10	20	Yes	INC	2	22:00	23:59	37.95	\$7,688	\$0	(\$1,606)	0.00	\$0	\$0	\$0	\$0	\$0
69	RT	SCE Import Limit	SCE	LA Basin	29-Jan-10	20	Yes	INC	18	6:00	23:59	723.67	\$44,388	\$0	(\$36,015)	165.01	(\$8,832)	\$0	\$0	\$0	\$0
70	RT	SP26 Capacity	SCE	Big Creek-Ventura	10-Jan-10	20	Yes	INC	3	15:00	17:59	84.13	\$5,812	\$0	(\$4,669)	0.00	\$0	\$0	\$0	\$0	\$0
71	RT	SP26 Capacity	SCE	Big Creek-Ventura	11-Jan-10	20	Yes	INC	11	9:00	19:59	481.84	\$21,309	\$5,417	(\$34,333)	0.00	\$0	\$0	\$0	\$0	\$0
72	RT	SP26 Capacity	SCE	LA Basin	8-Jan-10	40	Yes	INC	24	0:00	23:59	1245.17	\$151,440	\$0	(\$65,738)	0.00	\$0	\$0	\$0	\$0	\$0
73	RT	SP26 Capacity	SCE	LA Basin	11-Jan-10	20	Yes	INC	3	5:00	7:59	338.75	\$4,932	\$0	(\$28,964)	0.00	\$0	\$0	\$0	\$0	\$0
74	RT	Software Limitation	N/A	N/A	16-Jan-10	65	Yes	INC	2	15:00	16:59	139.77	\$14,038	\$2,280	(\$5,304)	0.00	\$0	\$0	\$0	\$0	\$0
75	RT	Software Limitation	N/A	N/A	21-Jan-10	10	Yes	DEC	1	11:00	11:59	(10.46)	\$0	\$0	\$222	0.00	\$0	\$0	\$0	\$0	\$0
76	RT	Software Limitation	PG&E	Bay Area	9-Jan-10	295	Yes	DEC	2	21:45	22:59	(224.64)	\$0	\$0	\$11,625	0.00	\$0	\$0	\$0	\$0	\$0
77	RT	Software Limitation	PG&E	Bay Area	20-Jan-10	0	No	INC	7	8:30	14:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
78	RT	Software Limitation	PG&E	Fresno	3-Jan-10	1- 67	Yes	DEC	5	19:41	23:04	(268.07)	\$0	\$0	\$16,824	0.00	\$0	\$0	\$0	\$0	\$0
79	RT	Software Limitation	PG&E	Fresno	3-Jan-10	103	Yes	INC	5	19:41	23:04	7.57	\$0	\$0	(\$639)	0.00	\$0	\$0	\$0	\$0	\$0
80	RT	Software Limitation	PG&E	Fresno	11-Jan-10	0	Yes	INC	3	20:27	22:44	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
81	RT	Software Limitation	PG&E	Fresno	14-Jan-10	308	Yes	DEC	3	0:00	2:59	(924.00)	\$0	\$0	\$21,973	0.00	\$0	\$0	\$0	\$0	\$0
82	RT	Software Limitation	PG&E	Fresno	14-Jan-10	0	No	INC	6	0:10	5:59	83.00	\$0	\$0	(\$3,559)	0.00	\$0	\$0	\$0	\$0	\$0
83	RT	Software Limitation	PG&E	Fresno	18-Jan-10	308	No	DEC	1	6:20	6:59	(205.33)	\$0	\$0	\$8,443	0.00	\$0	\$0	\$0	\$0	\$0
84	RT	Software Limitation	PG&E	Fresno	18-Jan-10	0	Yes	INC	2	9:20	10:19	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
85	RT	Software Limitation	PG&E	Fresno	23-Jan-10	0	Yes	INC	1	19:35	19:49	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
86	RT	Software Limitation	PG&E	Fresno	25-Jan-10	308	Yes	DEC	2	2:00	3:29	(462.00)	\$0	\$0	\$19,641	0.00	\$0	\$0	\$0	\$0	\$0
87	RT	Software Limitation	PG&E	Fresno	25-Jan-10	0	Yes	INC	1	1:20	1:24	(25.67)	\$0	\$0	\$1,115	0.00	\$0	\$0	\$0	\$0	\$0
88	RT	Software Limitation	PG&E	Humboldt	17-Jan-10	0	Yes	INC	1	21:55	21:59	0.36	\$331	\$0	(\$14)	0.00	\$0	\$0	\$0	\$0	\$0
89	RT	Software Limitation	PG&E	Humboldt	30-Jan-10	0	Yes	INC	1	23:55	23:59	0.42	\$331	\$0	(\$17)	0.00	\$0	\$0	\$0	\$0	\$0
90	RT	Software Limitation	PG&E	N/A	19-Jan-10	216	No	DEC	3	21:55	23:39	(23.95)	\$0	\$0	\$994	0.00	\$0	\$0	\$0	\$0	\$0
91	RT	Software Limitation	PG&E	N/A	19-Jan-10	0	No	INC	3	21:55	23:39	1.00	\$0	\$0	\$134	0.00	\$0	\$0	\$0	\$0	\$0
92	RT	Software Limitation	PG&E	N/A	30-Jan-10	232	No	DEC	1	9:25	9:54	(118.50)	\$0	\$0	\$308	(111.17)	\$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
93	RT	Software Limitation	SCE	Big Creek-Ventura	7-Jan-10	0	No	INC	2	20:00	21:59	12.47	\$0	\$0	(\$632)	0.00	\$0	\$0	\$0	\$0	\$0
94	RT	Software Limitation	SCE	Big Creek-Ventura	27-Jan-10	32-77	Yes	DEC	3	13:40	15:59	(24.84)	\$0	\$0	\$1,096	0.00	\$0	\$0	\$0	\$0	\$0
95	RT	Software Limitation	SCE	Big Creek-Ventura	30-Jan-10	356	No	DEC	1	9:25	9:54	(209.52)	\$0	\$0	\$8,243	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	SCE	LA Basin	2-Jan-10	22	Yes	INC	4	17:30	20:44	33.25	\$391	\$48	(\$1,928)	0.00	\$0	\$0	\$0	\$0	\$0
97	RT	Software Limitation	SCE	LA Basin	3-Jan-10	0	Yes	INC	1	19:15	19:44	1.28	\$198	\$6	(\$80)	0.00	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	SCE	LA Basin	4-Jan-10	220-240	Yes	INC	4	10:15	13:14	793.24	\$9,610	\$6,260	(\$133,043)	198.64	(\$13,953)	\$0	\$0	\$0	\$0
99	RT	Software Limitation	SCE	LA Basin	5-Jan-10	0	Yes	INC	17	6:35	22:34	10.83	\$3,168	\$0	(\$432)	0.00	\$0	\$0	\$0	\$0	\$0
100	RT	Software Limitation	SCE	LA Basin	6-Jan-10	0	Yes	INC	2	21:35	22:04	2.56	\$405	\$2	(\$140)	0.00	\$0	\$0	\$0	\$0	\$0
101	RT	Software Limitation	SCE	LA Basin	7-Jan-10	0	Yes	INC	1	8:30	8:59	0.00	\$204	\$5	\$0	0.00	\$0	\$0	\$0	\$0	\$0
102	RT	Software Limitation	SCE	LA Basin	10-Jan-10	0	Yes	INC	2	19:45	20:59	1.67	\$250	\$110	(\$111)	0.00	\$0	\$0	\$0	\$0	\$0
103	RT	Software Limitation	SCE	LA Basin	12-Jan-10	20	Yes	INC	2	22:00	23:59	38.33	\$7,688	\$0	(\$1,606)	0.00	\$0	\$0	\$0	\$0	\$0
104	RT	Software Limitation	SCE	LA Basin	14-Jan-10	20	Yes	INC	2	22:00	23:59	38.33	\$7,688	\$0	(\$1,555)	0.00	\$0	\$0	\$0	\$0	\$0
105	RT	Software Limitation	SCE	LA Basin	18-Jan-10	20	Yes	INC	1	23:00	23:59	18.33	\$3,844	\$0	(\$748)	0.00	\$0	\$0	\$0	\$0	\$0
106	RT	Software Limitation	SCE	LA Basin	19-Jan-10	80	Yes	DEC	6	0:00	5:59	38.17	\$0	\$0	(\$3,628)	0.00	\$0	\$0	\$0	\$0	\$0
107	RT	Software Limitation	SCE	LA Basin	19-Jan-10	20-160	Yes	INC	24	0:00	23:59	1061.47	\$52,277	\$0	(\$39,863)	0.00	\$0	\$0	\$0	\$0	\$0
108	RT	Software Limitation	SCE	LA Basin	21-Jan-10	20	Yes	INC	2	22:00	23:59	47.55	\$7,688	\$0	(\$2,708)	0.00	\$0	\$0	\$0	\$0	\$0
109	RT	Software Limitation	SCE	LA Basin	26-Jan-10	0	Yes	INC	2	16:55	17:24	1.67	\$0	\$0	(\$88)	0.00	\$0	\$0	\$0	\$0	\$0
110	RT	Software Limitation	SCE	LA Basin	30-Jan-10	65	No	DEC	2	8:25	9:54	(131.77)	\$0	\$0	\$5,095	0.00	\$0	\$0	\$0	\$0	\$0
111	RT	Software Limitation	SCE	LA Basin	30-Jan-10	160	Yes	INC	10	12:05	21:59	615.43	\$23,273	\$176	(\$22,217)	0.00	\$0	\$0	\$0	\$0	\$0
112	RT	Software Limitation	SCE	LA Basin	31-Jan-10	47	No	DEC	2	20:25	21:24	(26.87)	\$0	\$0	\$435	(17.35)	\$0	\$0	\$0	\$0	\$0
113	RT	Software Limitation	SCE	LA Basin	31-Jan-10	0	No	INC	2	20:25	21:24	(1.96)	\$0	\$0	\$272	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	Software Limitation	SCE	N/A	12-Jan-10	0	Yes	INC	1	23:10	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
115	RT	Software Limitation	SCE	N/A	18-Jan-10	475	Yes	INC	1	23:00	23:59	701.33	\$0	\$0	(\$27,278)	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	Software Limitation	SDG&E	San Diego	18-Jan-10	30-42	No	DEC	7	0:00	6:59	(220.75)	\$0	\$0	\$379	(208.75)	\$0	\$0	\$0	\$0	\$0
117	RT	Software Limitation	SDG&E	San Diego	19-Jan-10	20	Yes	INC	2	6:00	7:59	108.42	\$0	\$0	(\$12,353)	0.00	\$0	\$0	\$0	\$0	\$0
118	RT	Software Limitation	SDG&E	San Diego	20-Jan-10	0	Yes	INC	1	21:10	21:54	1.25	\$0	\$123	(\$75)	0.00	\$0	\$0	\$0	\$0	\$0
119	RT	Software Limitation	SDG&E	San Diego	30-Jan-10	50-95	No	INC	2	8:32	9:54	59.95	\$0	\$0	(\$3,208)	68.23	(\$3,432)	\$0	\$0	\$0	\$0
120	RT	System Energy	SCE	LA Basin	18-Jan-10	160	Yes	INC	7	17:00	23:59	1129.99	\$38,029	\$68,362	(\$119,046)	0.00	\$0	\$0	\$0	\$0	\$0
121	RT	T-103	SCE	LA Basin	22-Jan-10	20	Yes	INC	2	22:00	23:59	60.25	\$7,688	\$0	(\$3,389)	0.00	\$0	\$0	\$0	\$0	\$0
122	RT	T-129	PG&E	Fresno	17-Jan-10	308-616	Yes	DEC	6	2:35	7:14	(1463.00)	\$0	\$0	\$56,624	0.00	\$0	\$0	\$0	\$0	\$0
123	RT	T-132	SDG&E	San Diego	20-Jan-10	150-250	Yes	INC	2	19:32	20:39	297.80	\$0	\$0	(\$25,829)	134.56	(\$10,940)	\$0	\$0	(\$741)	\$0
124	RT	T-133	PG&E	Bay Area	19-Jan-10	70-80	No	INC	3	17:35	19:59	174.87	\$0	\$0	(\$14,939)	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
125	RT	T-138	PG&E	Humboldt	10-Jan-10	0	Yes	INC	1	22:55	22:59	0.47	\$331	\$0	(\$21)	0.00	\$0	\$0	\$0	\$0	\$0
126	RT	T-138	PG&E	Humboldt	11-Jan-10	5- 10	Yes	DEC	3	18:02	20:59	(34.53)	\$0	\$0	\$4,240	0.00	\$0	\$0	\$0	\$0	\$0
127	RT	T-138	PG&E	Humboldt	11-Jan-10	0	Yes	INC	1	21:25	21:54	0.42	\$0	\$14	(\$23)	0.00	\$0	\$0	\$0	\$0	\$0
128	RT	T-138	PG&E	Humboldt	18-Jan-10	0	Yes	INC	1	23:20	23:49	0.00	\$0	\$16	\$0	0.00	\$0	\$0	\$0	\$0	\$0
129	RT	T-138	PG&E	Humboldt	19-Jan-10	5- 10	Yes	DEC	5	17:55	21:29	(18.96)	\$0	\$0	\$1,128	0.00	\$0	\$0	\$0	\$0	\$0
130	RT	T-138	PG&E	Humboldt	19-Jan-10	20	Yes	INC	17	7:17	23:54	211.46	\$15,541	\$61	(\$16,532)	156.28	(\$8,989)	\$0	\$0	(\$9,812)	\$0
131	RT	T-138	PG&E	Humboldt	20-Jan-10	10	Yes	DEC	11	11:10	21:34	(37.08)	\$0	\$0	\$2,336	0.00	\$0	\$0	\$0	\$0	\$0
132	RT	T-138	PG&E	Humboldt	20-Jan-10	15	Yes	INC	17	6:55	22:14	123.96	\$19,510	\$59	(\$9,618)	70.00	(\$4,725)	\$0	\$0	(\$5,070)	\$0
133	RT	T-138	PG&E	Humboldt	28-Jan-10	20-40	No	INC	3	21:06	23:59	97.76	\$0	\$0	(\$4,226)	52.59	(\$2,506)	\$0	\$0	(\$1,854)	\$0
134	RT	T-138	PG&E	Humboldt	29-Jan-10	5- 15	Yes	DEC	24	0:50	23:59	(18.02)	\$0	\$0	\$924	(3.54)	\$0	\$141	\$0	(\$75)	\$0
135	RT	T-138	PG&E	Humboldt	29-Jan-10	40	Yes	INC	6	0:00	5:59	239.38	\$0	\$0	(\$9,753)	0.00	\$0	\$0	\$0	\$0	\$0
136	RT	T-138	PG&E	Humboldt	30-Jan-10	5- 10	Yes	DEC	7	16:05	22:09	(28.70)	\$0	\$0	\$1,203	0.00	\$0	\$0	\$0	\$0	\$0
137	RT	T-138	PG&E	Humboldt	30-Jan-10	15	Yes	INC	24	0:00	23:54	49.58	\$12,565	\$48	(\$2,050)	12.85	(\$570)	\$0	\$0	(\$1,771)	\$0
138	RT	T-138	PG&E	Humboldt	31-Jan-10	10-15	Yes	DEC	7	17:30	23:59	(46.93)	\$0	\$0	\$2,287	(0.42)	\$0	\$16	\$0	(\$13)	\$0
139	RT	T-138	PG&E	Humboldt	31-Jan-10	10	Yes	INC	23	0:00	22:54	(0.00)	\$0	\$0	\$6	0.71	(\$41)	\$0	\$0	(\$117)	\$0
140	RT	Telemetry Error	PG&E	Bay Area	27-Jan-10	0	No	INC	1	11:30	11:59	6.95	\$0	\$0	(\$392)	0.00	\$0	\$0	\$0	\$0	\$0
141	RT	Transbay Cable Testing	N/A	N/A	5-Jan-10	800	No	DEC	3	9:50	11:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
142	RT	Transbay Cable Testing	N/A	N/A	6-Jan-10	800	No	DEC	1	15:45	15:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
143	RT	Transbay Cable Testing	N/A	N/A	12-Jan-10	50-500	No	DEC	7	14:20	20:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
144	RT	Transbay Cable Testing	N/A	N/A	13-Jan-10	50-800	No	DEC	7	9:35	15:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
145	RT	Transbay Cable Testing	N/A	N/A	13-Jan-10	0	No	INC	2	11:20	12:14	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
146	RT	Transbay Cable Testing	N/A	N/A	17-Jan-10	200-694	No	DEC	6	17:15	22:14	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
147	RT	Transbay Cable Testing	N/A	N/A	17-Jan-10	0	No	INC	1	22:20	22:24	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
148	RT	Transbay Cable Testing	N/A	N/A	18-Jan-10	300-500	No	DEC	4	18:45	21:14	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
149	RT	Transbay Cable Testing	N/A	N/A	19-Jan-10	50-500	No	DEC	13	10:15	22:29	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
150	RT	Transbay Cable Testing	N/A	N/A	20-Jan-10	360-600	No	DEC	5	17:15	21:29	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
151	RT	Transbay Cable Testing	PG&E	Bay Area	11-Jan-10	5- 55	No	DEC	5	16:40	20:59	(105.06)	\$0	\$0	\$7,036	(104.34)	\$0	\$6,920	\$0	(\$918)	\$0
152	RT	Transbay Cable Testing	PG&E	Bay Area	11-Jan-10	108	No	INC	12	9:00	20:59	56.97	\$0	\$0	(\$3,851)	0.00	\$0	\$0	\$0	\$0	\$0
153	RT	Transmission Outage Other	SDG&E	San Diego	20-Jan-10	91	Yes	INC	3	8:28	10:59	220.72	\$12,517	\$1,482	(\$22,159)	32.79	(\$2,521)	\$0	(\$1,086)	\$0	\$0
154	RT	Transmission Outage PG&E	PG&E	Bay Area	11-Jan-10	0	No	INC	3	7:55	9:10	34.15	\$0	\$0	(\$2,258)	0.00	\$0	\$0	\$0	\$0	\$0
155	RT	Transmission Outage PG&E	PG&E	Bay Area	12-Jan-10	10	No	DEC	1	18:50	18:54	5.90	\$0	\$0	(\$353)	0.00	\$0	\$0	\$0	\$0	\$0
156	RT	Transmission Outage PG&E	PG&E	Bay Area	12-Jan-10	10-83	No	INC	5	18:25	22:59	59.52	\$0	\$0	(\$3,126)	1.67	(\$109)	\$0	\$0	(\$1)	\$0

Department of Market Services – California ISO

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
157	RT	Transmission Outage PG&E	PG&E	Bay Area	16-Jan-10	9- 61	No	DEC	4	17:35	20:59	(62.09)	\$0	\$0	\$4,253	(58.97)	\$0	\$4,019	\$0	(\$3,838)	\$0
158	RT	Transmission Outage PG&E	PG&E	Bay Area	16-Jan-10	0	No	INC	4	17:35	20:59	(2.53)	\$0	\$0	\$154	0.00	\$0	\$0	\$0	\$0	\$0
159	RT	Transmission Outage PG&E	PG&E	Bay Area	18-Jan-10	30- 116	No	DEC	3	16:55	18:59	(214.50)	\$0	\$0	\$14,423	(197.53)	\$0	\$13,909	\$0	(\$2,341)	\$0
160	RT	Transmission Outage PG&E	PG&E	Fresno	20-Jan-10	83- 400	Yes	INC	3	8:22	10:19	356.71	\$11,088	\$0	(\$43,099)	19.50	(\$1,488)	\$0	\$0	\$0	\$0
161	RT	Transmission Outage PG&E	PG&E	Humboldt	25-Jan-10	10	Yes	DEC	7	16:50	22:59	(8.75)	\$0	\$0	\$646	0.00	\$0	\$0	\$0	\$0	\$0
162	RT	Transmission Outage PG&E	PG&E	Humboldt	25-Jan-10	20	Yes	INC	12	12:35	23:59	90.43	\$6,613	\$42	(\$4,741)	72.41	(\$3,840)	\$0	\$0	(\$5,234)	\$0
163	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Jan-10	5- 30	Yes	DEC	16	7:20	22:59	(82.92)	\$0	\$0	\$4,125	(6.25)	\$0	\$288	\$0	(\$281)	\$0
164	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Jan-10	35	Yes	INC	24	0:00	23:59	310.03	\$6,944	\$64	(\$12,362)	251.28	(\$9,564)	\$0	\$0	(\$16,360)	\$0
165	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Jan-10	5- 10	Yes	DEC	1	17:25	17:49	(5.36)	\$0	\$0	\$286	0.00	\$0	\$0	\$0	\$0	\$0
166	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Jan-10	5- 25	Yes	INC	22	0:35	21:59	243.92	\$19,510	\$112	(\$11,322)	204.23	(\$9,165)	\$0	\$0	(\$13,554)	\$0
167	RT	Transmission Outage PG&E	SCE	Big Creek- Ventura	4-Jan-10	20	Yes	INC	2	16:00	17:04	22.50	\$2,235	\$0	(\$931)	0.00	\$0	\$0	\$0	\$0	\$0
168	RT	Transmission Outage PG&E	SCE	LA Basin	20-Jan-10	84	Yes	INC	3	8:28	10:59	204.62	\$9,208	\$1,455	(\$20,201)	25.69	(\$1,795)	\$0	(\$638)	\$0	\$0
169	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	9-Jan-10	10	Yes	INC	2	13:00	14:29	10.20	\$2,049	\$840	(\$492)	0.00	\$0	\$0	\$0	\$0	\$0
170	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	11-Jan-10	180	No	DEC	2	6:12	7:29	(52.94)	\$0	\$0	\$268	0.00	\$0	\$0	\$0	\$0	\$0
171	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	11-Jan-10	5- 10	No	INC	5	6:12	10:39	112.74	\$0	\$0	(\$8,405)	0.00	\$0	\$0	\$0	\$0	\$0
172	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	12-Jan-10	1- 55	No	DEC	7	11:10	17:44	3.81	\$0	\$0	(\$790)	(0.71)	\$0	\$171	\$0	(\$9)	\$0
173	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	12-Jan-10	16- 185	No	INC	7	11:10	17:39	310.58	\$0	\$0	(\$17,225)	0.00	\$0	\$0	\$0	\$0	\$0
174	RT	Transmission Outage SCE	SCE	LA Basin	3-Jan-10	20	No	INC	3	21:00	23:59	74.35	\$0	\$0	(\$4,193)	0.00	\$0	\$0	\$0	\$0	\$0
175	RT	Transmission Outage SCE	SCE	LA Basin	4-Jan-10	100	Yes	INC	1	8:05	8:24	47.92	\$0	\$0	(\$10,525)	15.20	(\$861)	\$0	\$0	(\$106)	\$0
176	RT	Transmission Outage SCE	SCE	LA Basin	5-Jan-10	130	No	INC	1	7:30	7:54	41.66	\$0	\$0	(\$2,909)	2.18	(\$198)	\$0	\$0	\$0	\$0
177	RT	Transmission Outage SCE	SCE	LA Basin	27-Jan-10	20	Yes	INC	20	0:00	19:59	743.59	\$49,320	\$0	(\$40,794)	0.00	\$0	\$0	\$0	\$0	\$0
178	RT	Unit Testing	N/A	N/A	19-Jan-10	5- 18	No	DEC	2	9:12	10:12	(0.02)	\$0	\$0	(\$2)	(0.05)	\$0	\$0	\$0	\$0	\$0
179	RT	Unit Testing	N/A	N/A	19-Jan-10	1- 151	Yes	INC	2	9:12	10:58	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
180	RT	Unit Testing	PG&E	Fresno	11-Jan-10	83	Yes	INC	1	8:30	8:35	8.65	\$0	\$0	(\$539)	0.00	\$0	\$0	\$0	\$0	\$0
181	RT	Unit Testing	PG&E	Fresno	15-Jan-10	115	No	INC	1	9:18	9:22	9.11	\$0	\$0	(\$655)	5.89	(\$516)	\$0	\$0	\$0	\$0
182	RT	Unit Testing	SDG&E	San Diego	7-Jan-10	98	No	INC	1	9:00	9:20	12.56	\$0	\$0	(\$876)	6.73	(\$557)	\$0	\$0	\$0	\$0
183	RT	Voltage Support	PG&E	Fresno	24-Jan-10	308	No	DEC	1	5:35	5:49	(77.00)	\$0	\$0	\$3,074	0.00	\$0	\$0	\$0	\$0	\$0
184	RT	Voltage Support	PG&E	Fresno	25-Jan-10	308	Yes	DEC	3	3:50	5:14	(436.33)	\$0	\$0	\$18,579	0.00	\$0	\$0	\$0	\$0	\$0
185	RT	Voltage Support	SDG&E	San Diego	20-Jan-10	12	No	DEC	2	21:00	22:59	(83.50)	\$0	\$0	\$4,869	0.00	\$0	\$0	\$0	\$0	\$0

Appendix A: Explanation by Example

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

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

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs⁹. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

Table 2: Instructions Prior to Day-Ahead Market

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin time	End Time	Dispatch level (MW)	Reason	Total Volume (MWh)	Min-Load Cost	Start- Up Cost	CC6620 (BCR)
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	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

⁹ Please refer to the BPM configuration Guide: Bid Cost Recovery Settlements published on the ISO's website for details about eligible minimum load and start up costs.

Example 2: Incremental Exceptional Dispatch Instructions in RTM

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

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

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

Table 4: Incremental Exceptional Dispatch Instructions in RTM

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

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

Table 5: FERC Summary of ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488
1	RT	T-138	PG&E	Humboldt	1-Jul-09	0-50	Yes	INC	15	6:00	20:00	290	1000	50	1700	140	1500	0	0	11000

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

Example 3: Decremental Exceptional Dispatch Instructions in RTM

This example highlights decremental exceptional dispatch instructions in the real-time market. In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 20 MW from hours ending 15 through 20 after completion of the day-ahead market for the transmission procedure T-129. The ISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6. This table also includes volume (MWh) and cost information.

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8928 five-minute intervals in January, this resource was issued exceptional dispatch instructions in 911 five-minute intervals. It was eligible to set the LMP in 849 intervals of the 911 intervals. The resource calculated LMP was less than the market LMP in 26 out of the 849 intervals, and in the rest of the 823 intervals, the average increase in five minute LMP was \$41.64/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$41.64/MWh. Note that 823 five minute intervals are approximately 9 percent of the total 8928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8928 five minute intervals, this resource was issued an exceptional dispatch instruction in 1780 five minute intervals. This resource was eligible to set the LMP in all 1780 intervals. The resource calculated LMP was less than the market LMP in 443 out of the 1780 intervals, and in the rest of the 1337 intervals the average increase in five minute LMP was \$10.66/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$10.66/MWh. The 1337 five minute intervals account for approximately 15 percent of the total 8928 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	19-Jan-10	8	4	\$67.82	Yes	\$90.36	\$22.54
2	19-Jan-10	8	5	\$84.72	Yes	\$90.36	\$5.64
3	19-Jan-10	8	6	\$84.16	Yes	\$90.36	\$6.20
4	19-Jan-10	8	7	\$540.33	Yes	\$90.36	-\$449.97
5	19-Jan-10	8	8	\$1,037.83	Yes	\$90.36	-\$947.47
6	19-Jan-10	8	9	\$540.60	Yes	\$90.36	-\$450.24
7	19-Jan-10	8	10	\$586.86	Yes	\$90.36	-\$496.50
8	19-Jan-10	8	11	\$87.26	Yes	\$90.36	\$3.10
9	19-Jan-10	8	12	\$87.52	Yes	\$90.36	\$2.84
10	19-Jan-10	9	1	\$68.50	Yes	\$90.36	\$21.86
11	19-Jan-10	9	2	\$59.86	Yes	\$90.36	\$30.50
12	19-Jan-10	9	3	\$62.04	Yes	\$90.36	\$28.32
13	19-Jan-10	9	4	\$57.27	Yes	\$90.36	\$33.09
14	19-Jan-10	9	5	\$58.27	Yes	\$90.36	\$32.09
15	19-Jan-10	9	6	\$57.27	Yes	\$90.36	\$33.09
16	19-Jan-10	9	7	\$57.49	Yes	\$90.36	\$32.87
17	19-Jan-10	9	8	\$59.96	Yes	\$90.36	\$30.40
18	19-Jan-10	9	9	\$50.85	Yes	\$90.36	\$39.51
19	19-Jan-10	9	10	\$62.46	Yes	\$90.36	\$27.90
20	19-Jan-10	9	11	\$62.46	Yes	\$90.36	\$27.90
21	19-Jan-10	9	12	\$56.43	Yes	\$90.36	\$33.93
22	19-Jan-10	10	1	\$45.69	Yes	\$90.36	\$44.67
23	19-Jan-10	10	2	\$43.28	Yes	\$90.36	\$47.08
24	19-Jan-10	10	3	\$43.27	Yes	\$90.36	\$47.09
25	19-Jan-10	10	4	\$45.06	Yes	\$90.36	\$45.30
26	19-Jan-10	10	5	\$45.06	Yes	\$90.36	\$45.30
27	19-Jan-10	10	6	\$45.59	Yes	\$90.36	\$44.77
28	19-Jan-10	10	7	\$46.55	Yes	\$90.36	\$43.81
29	19-Jan-10	10	8	\$50.98	Yes	\$90.36	\$39.38
30	19-Jan-10	10	9	\$50.98	Yes	\$90.36	\$39.38
31	19-Jan-10	10	10	\$50.58	Yes	\$90.36	\$39.78
32	19-Jan-10	10	11	\$56.51	Yes	\$90.36	\$33.85
33	19-Jan-10	10	12	\$56.51	Yes	\$90.36	\$33.85
34	19-Jan-10	11	1	\$57.91	Yes	\$90.36	\$32.45
35	19-Jan-10	11	2	\$62.72	Yes	\$90.36	\$27.64
36	19-Jan-10	11	3	\$60.00	Yes	\$90.36	\$30.36
37	19-Jan-10	11	4	\$59.96	Yes	\$90.36	\$30.40
38	19-Jan-10	11	5	\$59.96	Yes	\$90.36	\$30.40
39	19-Jan-10	11	6	\$59.96	Yes	\$90.36	\$30.40
40	19-Jan-10	11	7	\$61.31	Yes	\$90.36	\$29.05
41	19-Jan-10	11	8	\$60.09	Yes	\$90.36	\$30.27
42	19-Jan-10	11	9	\$60.09	Yes	\$90.36	\$30.27
43	19-Jan-10	11	10	\$57.74	Yes	\$90.36	\$32.62

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	19-Jan-10	11	11	\$58.93	Yes	\$90.36	\$31.43
45	19-Jan-10	11	12	\$58.93	Yes	\$90.36	\$31.43
46	19-Jan-10	12	1	\$58.67	Yes	\$90.36	\$31.69
47	19-Jan-10	12	2	\$58.23	Yes	\$90.36	\$32.13
48	19-Jan-10	12	3	\$58.23	Yes	\$90.36	\$32.13
49	19-Jan-10	12	4	\$58.62	Yes	\$90.36	\$31.74
50	19-Jan-10	12	5	\$58.62	Yes	\$90.36	\$31.74
51	19-Jan-10	12	6	\$60.67	Yes	\$90.36	\$29.69
52	19-Jan-10	12	7	\$50.30	Yes	\$90.36	\$40.06
53	19-Jan-10	12	8	\$49.87	Yes	\$90.36	\$40.49
54	19-Jan-10	12	9	\$56.10	Yes	\$90.36	\$34.26
55	19-Jan-10	12	10	\$491.00	Yes	\$90.36	-\$400.64
56	19-Jan-10	12	11	\$79.93	Yes	\$90.36	\$10.43
57	19-Jan-10	12	12	\$85.62	Yes	\$90.36	\$4.74
58	19-Jan-10	13	1	\$79.46	Yes	\$90.36	\$10.90
59	19-Jan-10	13	2	\$79.07	Yes	\$90.36	\$11.29
60	19-Jan-10	13	3	\$79.47	Yes	\$90.36	\$10.89
61	19-Jan-10	13	4	\$78.92	Yes	\$90.36	\$11.44
62	19-Jan-10	13	5	\$78.91	Yes	\$90.36	\$11.45
63	19-Jan-10	13	6	\$77.71	Yes	\$90.36	\$12.65
64	19-Jan-10	13	7	\$78.76	Yes	\$90.36	\$11.60
65	19-Jan-10	13	8	\$84.55	Yes	\$90.36	\$5.81
66	19-Jan-10	13	9	\$487.42	Yes	\$90.36	-\$397.06
67	19-Jan-10	13	10	\$484.95	Yes	\$90.36	-\$394.59
68	19-Jan-10	13	11	\$126.93	Yes	\$90.36	-\$36.57
69	19-Jan-10	13	12	\$60.35	Yes	\$90.36	\$30.01
70	19-Jan-10	14	1	\$60.96	Yes	\$90.36	\$29.40
71	19-Jan-10	14	2	\$45.21	Yes	\$90.36	\$45.15
72	19-Jan-10	14	3	\$58.79	Yes	\$90.36	\$31.57
73	19-Jan-10	14	4	\$58.82	Yes	\$90.36	\$31.54
74	19-Jan-10	14	5	\$58.37	Yes	\$90.36	\$31.99
75	19-Jan-10	14	6	\$56.63	Yes	\$90.36	\$33.73
76	19-Jan-10	14	7	\$49.45	Yes	\$90.36	\$40.91
77	19-Jan-10	14	8	\$45.08	Yes	\$90.36	\$45.28
78	19-Jan-10	14	9	\$45.08	Yes	\$90.36	\$45.28
79	19-Jan-10	14	10	\$53.50	Yes	\$90.36	\$36.86
80	19-Jan-10	14	11	\$53.50	Yes	\$90.36	\$36.86
81	19-Jan-10	14	12	\$47.93	Yes	\$90.36	\$42.43
82	19-Jan-10	15	1	\$48.88	Yes	\$90.36	\$41.48
83	19-Jan-10	15	2	\$43.76	Yes	\$90.36	\$46.60
84	19-Jan-10	15	3	\$43.87	Yes	\$90.36	\$46.49
85	19-Jan-10	15	4	\$43.51	Yes	\$90.36	\$46.85
86	19-Jan-10	15	5	\$43.42	Yes	\$90.36	\$46.94
87	19-Jan-10	15	6	\$43.27	Yes	\$90.36	\$47.09
88	19-Jan-10	15	7	\$43.06	Yes	\$90.36	\$47.30

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	19-Jan-10	15	8	\$41.08	Yes	\$90.36	\$49.28
90	19-Jan-10	15	9	\$41.71	Yes	\$90.36	\$48.65
91	19-Jan-10	15	10	\$40.67	Yes	\$90.36	\$49.69
92	19-Jan-10	15	11	\$42.30	Yes	\$90.36	\$48.06
93	19-Jan-10	15	12	\$42.30	Yes	\$90.36	\$48.06
94	19-Jan-10	16	1	\$40.20	Yes	\$90.36	\$50.16
95	19-Jan-10	16	2	\$40.19	Yes	\$90.36	\$50.17
96	19-Jan-10	16	3	\$40.20	Yes	\$90.36	\$50.16
97	19-Jan-10	16	4	\$40.17	Yes	\$90.36	\$50.19
98	19-Jan-10	16	5	\$40.77	Yes	\$90.36	\$49.59
99	19-Jan-10	16	6	\$40.77	Yes	\$90.36	\$49.59
100	19-Jan-10	16	7	\$42.59	Yes	\$90.36	\$47.77
101	19-Jan-10	16	8	\$42.63	Yes	\$90.36	\$47.73
102	19-Jan-10	16	9	\$42.63	Yes	\$90.36	\$47.73
103	19-Jan-10	16	10	\$40.66	Yes	\$90.36	\$49.70
104	19-Jan-10	16	11	\$41.35	Yes	\$90.36	\$49.01
105	19-Jan-10	16	12	\$43.05	Yes	\$90.36	\$47.31
106	19-Jan-10	17	1	\$40.39	Yes	\$90.36	\$49.97
107	19-Jan-10	17	2	\$41.16	Yes	\$90.36	\$49.20
108	19-Jan-10	17	3	\$42.54	Yes	\$90.36	\$47.82
109	19-Jan-10	17	4	\$43.26	Yes	\$90.36	\$47.10
110	19-Jan-10	17	5	\$43.26	Yes	\$90.36	\$47.10
111	19-Jan-10	17	6	\$43.45	Yes	\$90.36	\$46.91
112	19-Jan-10	17	7	\$43.99	Yes	\$90.36	\$46.37
113	19-Jan-10	17	8	\$43.99	Yes	\$90.36	\$46.37
114	19-Jan-10	17	9	\$48.90	Yes	\$90.36	\$41.46
115	19-Jan-10	17	10	\$63.23	Yes	\$90.36	\$27.13
116	19-Jan-10	17	11	\$63.23	Yes	\$90.36	\$27.13
117	19-Jan-10	17	12	\$63.23	Yes	\$90.36	\$27.13
118	19-Jan-10	18	1	\$42.88	Yes	\$90.36	\$47.48
119	19-Jan-10	18	2	\$41.64	Yes	\$90.36	\$48.72
120	19-Jan-10	18	3	\$36.03	Yes	\$90.36	\$54.33
121	19-Jan-10	18	4	\$57.17	Yes	\$90.36	\$33.19
122	19-Jan-10	18	5	\$200.96	Yes	\$90.36	-\$110.60
123	19-Jan-10	18	6	\$85.92	Yes	\$90.36	\$4.44
124	19-Jan-10	18	7	\$93.61	Yes	\$90.36	-\$3.25
125	19-Jan-10	18	8	\$140.67	Yes	\$90.36	-\$50.31
126	19-Jan-10	18	9	\$463.63	Yes	\$90.36	-\$373.27
127	19-Jan-10	18	10	\$480.08	Yes	\$90.36	-\$389.72
128	19-Jan-10	18	11	\$146.31	Yes	\$90.36	-\$55.95
129	19-Jan-10	18	12	\$78.42	Yes	\$90.36	\$11.94
130	19-Jan-10	19	1	\$79.08	Yes	\$90.36	\$11.28
131	19-Jan-10	19	2	\$59.93	Yes	\$90.36	\$30.43
132	19-Jan-10	19	3	\$54.69	Yes	\$90.36	\$35.67
133	19-Jan-10	19	4	\$57.64	Yes	\$90.36	\$32.72

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	19-Jan-10	19	5	\$43.65	Yes	\$90.36	\$46.71
135	19-Jan-10	19	6	\$44.08	Yes	\$90.36	\$46.28
136	19-Jan-10	19	7	\$45.08	Yes	\$90.36	\$45.28
137	19-Jan-10	19	8	\$47.50	Yes	\$90.36	\$42.86
138	19-Jan-10	19	9	\$47.50	Yes	\$90.36	\$42.86
139	19-Jan-10	19	10	\$46.19	Yes	\$90.36	\$44.17
140	19-Jan-10	19	11	\$46.19	Yes	\$90.36	\$44.17
141	19-Jan-10	19	12	\$42.65	Yes	\$90.36	\$47.71
142	19-Jan-10	20	1	\$53.63	Yes	\$90.36	\$36.73
143	19-Jan-10	20	2	\$41.83	Yes	\$90.36	\$48.53
144	19-Jan-10	20	3	\$45.96	Yes	\$90.36	\$44.40
145	19-Jan-10	20	4	\$42.52	Yes	\$90.36	\$47.84
146	19-Jan-10	20	5	\$41.69	Yes	\$90.36	\$48.67
147	19-Jan-10	20	6	\$41.69	Yes	\$90.36	\$48.67
148	19-Jan-10	20	7	\$45.43	Yes	\$90.36	\$44.93
149	19-Jan-10	20	8	\$42.29	Yes	\$90.36	\$48.07
150	19-Jan-10	20	9	\$42.29	Yes	\$90.36	\$48.07
151	19-Jan-10	20	10	\$40.78	Yes	\$90.36	\$49.58
152	19-Jan-10	20	11	\$40.78	Yes	\$90.36	\$49.58
153	19-Jan-10	20	12	\$41.46	Yes	\$90.36	\$48.90
154	19-Jan-10	21	1	\$65.00	Yes	\$90.36	\$25.36
155	19-Jan-10	21	2	\$55.92	Yes	\$90.36	\$34.44
156	19-Jan-10	21	3	\$55.91	Yes	\$90.36	\$34.45
157	19-Jan-10	21	4	\$57.26	Yes	\$90.36	\$33.10
158	19-Jan-10	21	5	\$57.26	Yes	\$90.36	\$33.10
159	19-Jan-10	21	6	\$55.61	Yes	\$90.36	\$34.75
160	19-Jan-10	21	7	\$45.37	Yes	\$90.36	\$44.99
161	19-Jan-10	21	8	\$51.83	Yes	\$90.36	\$38.53
162	19-Jan-10	21	9	\$50.92	Yes	\$90.36	\$39.44
163	19-Jan-10	21	10	\$41.48	Yes	\$90.36	\$48.88
164	19-Jan-10	21	11	\$41.48	Yes	\$90.36	\$48.88
165	19-Jan-10	21	12	\$40.69	Yes	\$90.36	\$49.67
166	19-Jan-10	22	1	\$62.22	Yes	\$90.36	\$28.14
167	19-Jan-10	22	2	\$76.19	Yes	\$90.36	\$14.17
168	19-Jan-10	22	3	\$60.56	Yes	\$90.36	\$29.80
169	19-Jan-10	22	4	\$55.56	Yes	\$90.36	\$34.80
170	19-Jan-10	22	5	\$54.84	Yes	\$90.36	\$35.52
171	19-Jan-10	22	6	\$45.08	Yes	\$90.36	\$45.28
172	19-Jan-10	22	7	\$52.38	Yes	\$90.36	\$37.98
173	19-Jan-10	22	8	\$45.48	Yes	\$90.36	\$44.88
174	19-Jan-10	22	9	\$49.94	Yes	\$90.36	\$40.42
175	19-Jan-10	22	10	\$42.71	Yes	\$90.36	\$47.65
176	19-Jan-10	22	11	\$39.82	Yes	\$90.36	\$50.54
177	19-Jan-10	22	12	\$38.01	Yes	\$90.36	\$52.35
178	19-Jan-10	23	1	\$68.41	Yes	\$90.36	\$21.95

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	19-Jan-10	23	2	\$66.60	Yes	\$90.36	\$23.76
180	19-Jan-10	23	3	\$55.77	Yes	\$90.36	\$34.59
181	19-Jan-10	23	4	\$60.84	Yes	\$90.36	\$29.52
182	19-Jan-10	23	5	\$61.60	Yes	\$90.36	\$28.76
183	19-Jan-10	23	6	\$56.60	Yes	\$90.36	\$33.76
184	19-Jan-10	23	7	\$49.06	Yes	\$90.36	\$41.30
185	19-Jan-10	23	8	\$40.19	Yes	\$90.36	\$50.17
186	19-Jan-10	23	9	\$39.37	Yes	\$90.36	\$50.99
187	19-Jan-10	23	10	\$39.49	Yes	\$90.36	\$50.87
188	19-Jan-10	23	11	\$38.59	Yes	\$90.36	\$51.77
189	19-Jan-10	23	12	\$37.20	Yes	\$90.36	\$53.16
190	19-Jan-10	24	1	\$51.77	Yes	\$90.36	\$38.59
191	19-Jan-10	24	2	\$48.70	Yes	\$90.36	\$41.66
192	19-Jan-10	24	3	\$39.31	Yes	\$90.36	\$51.05
193	19-Jan-10	24	4	\$40.73	Yes	\$87.85	\$47.12
194	19-Jan-10	24	5	\$40.85	Yes	\$87.85	\$47.00
195	19-Jan-10	24	6	\$40.09	Yes	\$87.85	\$47.76
196	19-Jan-10	24	7	\$42.75	Yes	\$87.85	\$45.10
197	19-Jan-10	24	8	\$41.77	Yes	\$87.85	\$46.08
198	19-Jan-10	24	9	\$40.50	Yes	\$87.85	\$47.35
199	19-Jan-10	24	10	\$40.35	Yes	\$87.85	\$47.50
200	19-Jan-10	24	11	\$40.04	Yes	\$87.85	\$47.81
201	20-Jan-10	7	12	\$57.70	Yes	\$90.61	\$32.91
202	20-Jan-10	8	1	\$46.36	Yes	\$90.61	\$44.25
203	20-Jan-10	8	2	\$43.04	Yes	\$90.61	\$47.57
204	20-Jan-10	8	3	\$44.94	Yes	\$90.61	\$45.67
205	20-Jan-10	8	4	\$49.94	Yes	\$90.61	\$40.67
206	20-Jan-10	8	5	\$51.60	Yes	\$90.61	\$39.01
207	20-Jan-10	8	6	\$53.65	Yes	\$90.61	\$36.96
208	20-Jan-10	8	7	\$47.71	Yes	\$90.61	\$42.90
209	20-Jan-10	8	8	\$47.71	Yes	\$90.61	\$42.90
210	20-Jan-10	8	9	\$47.37	Yes	\$90.61	\$43.24
211	20-Jan-10	8	10	\$46.54	Yes	\$90.61	\$44.07
212	20-Jan-10	8	11	\$46.94	Yes	\$90.61	\$43.67
213	20-Jan-10	8	12	\$48.75	Yes	\$90.61	\$41.86
214	20-Jan-10	9	1	\$45.18	Yes	\$90.61	\$45.43
215	20-Jan-10	9	2	\$45.18	Yes	\$90.61	\$45.43
216	20-Jan-10	9	3	\$46.06	Yes	\$90.61	\$44.55
217	20-Jan-10	9	4	\$56.42	Yes	\$90.61	\$34.19
218	20-Jan-10	9	5	\$89.56	Yes	\$90.61	\$1.05
219	20-Jan-10	9	6	\$64.61	Yes	\$90.61	\$26.00
220	20-Jan-10	9	7	\$79.13	Yes	\$90.61	\$11.48
221	20-Jan-10	9	8	\$463.65	Yes	\$90.61	-\$373.04
222	20-Jan-10	9	9	\$463.65	Yes	\$90.61	-\$373.04
223	20-Jan-10	9	10	\$61.07	Yes	\$90.61	\$29.54

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	20-Jan-10	9	11	\$57.67	Yes	\$90.61	\$32.94
225	20-Jan-10	9	12	\$58.15	Yes	\$90.61	\$32.46
226	20-Jan-10	10	1	\$39.97	Yes	\$90.61	\$50.64
227	20-Jan-10	10	2	\$39.97	Yes	\$90.61	\$50.64
228	20-Jan-10	10	3	\$43.16	Yes	\$90.61	\$47.45
229	20-Jan-10	10	4	\$45.37	Yes	\$90.61	\$45.24
230	20-Jan-10	10	5	\$45.52	Yes	\$90.61	\$45.09
231	20-Jan-10	10	6	\$46.19	Yes	\$90.61	\$44.42
232	20-Jan-10	10	7	\$47.06	Yes	\$90.61	\$43.55
233	20-Jan-10	10	8	\$47.06	Yes	\$90.61	\$43.55
234	20-Jan-10	10	9	\$49.54	Yes	\$90.61	\$41.07
235	20-Jan-10	10	10	\$49.63	Yes	\$90.61	\$40.98
236	20-Jan-10	10	11	\$49.36	Yes	\$90.61	\$41.25
237	20-Jan-10	10	12	\$49.36	Yes	\$90.61	\$41.25
238	20-Jan-10	11	1	\$55.22	Yes	\$90.61	\$35.39
239	20-Jan-10	11	2	\$57.05	Yes	\$90.61	\$33.56
240	20-Jan-10	11	3	\$89.63	Yes	\$90.61	\$0.98
241	20-Jan-10	11	4	\$77.63	Yes	\$90.61	\$12.98
242	20-Jan-10	11	5	\$86.46	Yes	\$90.61	\$4.15
243	20-Jan-10	11	6	\$80.78	Yes	\$90.61	\$9.83
244	20-Jan-10	11	7	\$61.96	Yes	\$90.61	\$28.65
245	20-Jan-10	11	8	\$69.36	Yes	\$90.61	\$21.25
246	20-Jan-10	11	9	\$72.93	Yes	\$90.61	\$17.68
247	20-Jan-10	11	10	\$199.86	Yes	\$90.61	-\$109.25
248	20-Jan-10	11	11	\$497.20	Yes	\$90.61	-\$406.59
249	20-Jan-10	11	12	\$96.01	Yes	\$90.61	-\$5.40
250	20-Jan-10	12	1	\$92.68	Yes	\$90.61	-\$2.07
251	20-Jan-10	12	2	\$59.57	Yes	\$90.61	\$31.04
252	20-Jan-10	12	3	\$48.53	Yes	\$90.61	\$42.08
253	20-Jan-10	12	4	\$48.59	Yes	\$90.61	\$42.02
254	20-Jan-10	12	5	\$55.73	Yes	\$90.61	\$34.88
255	20-Jan-10	12	6	\$55.73	Yes	\$90.61	\$34.88
256	20-Jan-10	12	7	\$55.61	Yes	\$90.61	\$35.00
257	20-Jan-10	12	8	\$55.61	Yes	\$90.61	\$35.00
258	20-Jan-10	12	9	\$51.97	Yes	\$90.61	\$38.64
259	20-Jan-10	12	10	\$56.01	Yes	\$90.61	\$34.60
260	20-Jan-10	12	11	\$56.01	Yes	\$90.61	\$34.60
261	20-Jan-10	12	12	\$56.01	Yes	\$90.61	\$34.60
262	20-Jan-10	13	1	\$55.70	Yes	\$90.61	\$34.91
263	20-Jan-10	13	2	\$55.70	Yes	\$90.61	\$34.91
264	20-Jan-10	13	3	\$54.89	Yes	\$90.61	\$35.72
265	20-Jan-10	13	4	\$49.60	Yes	\$90.61	\$41.01
266	20-Jan-10	13	5	\$49.60	Yes	\$90.61	\$41.01
267	20-Jan-10	13	6	\$49.60	Yes	\$90.61	\$41.01
268	20-Jan-10	13	7	\$495.01	Yes	\$90.61	-\$404.40

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	20-Jan-10	13	8	\$85.21	Yes	\$90.61	\$5.40
270	20-Jan-10	13	9	\$61.34	Yes	\$90.61	\$29.27
271	20-Jan-10	13	10	\$54.67	Yes	\$90.61	\$35.94
272	20-Jan-10	13	11	\$56.08	Yes	\$90.61	\$34.53
273	20-Jan-10	13	12	\$54.67	Yes	\$90.61	\$35.94
274	20-Jan-10	14	1	\$55.50	Yes	\$90.61	\$35.11
275	20-Jan-10	14	2	\$53.63	Yes	\$90.61	\$36.98
276	20-Jan-10	14	3	\$55.50	Yes	\$90.61	\$35.11
277	20-Jan-10	14	4	\$54.79	Yes	\$90.61	\$35.82
278	20-Jan-10	14	5	\$49.29	Yes	\$90.61	\$41.32
279	20-Jan-10	14	6	\$49.14	Yes	\$90.61	\$41.47
280	20-Jan-10	14	7	\$47.69	Yes	\$90.61	\$42.92
281	20-Jan-10	14	8	\$46.73	Yes	\$90.61	\$43.88
282	20-Jan-10	14	9	\$49.08	Yes	\$90.61	\$41.53
283	20-Jan-10	14	10	\$47.50	Yes	\$90.61	\$43.11
284	20-Jan-10	14	11	\$46.41	Yes	\$90.61	\$44.20
285	20-Jan-10	14	12	\$45.64	Yes	\$90.61	\$44.97
286	20-Jan-10	15	1	\$49.00	Yes	\$90.61	\$41.61
287	20-Jan-10	15	2	\$46.73	Yes	\$90.61	\$43.88
288	20-Jan-10	15	3	\$46.73	Yes	\$90.61	\$43.88
289	20-Jan-10	15	4	\$45.81	Yes	\$90.61	\$44.80
290	20-Jan-10	15	5	\$45.38	Yes	\$90.61	\$45.23
291	20-Jan-10	15	6	\$46.80	Yes	\$90.61	\$43.81
292	20-Jan-10	15	7	\$54.61	Yes	\$90.61	\$36.00
293	20-Jan-10	15	8	\$52.47	Yes	\$90.61	\$38.14
294	20-Jan-10	15	9	\$46.74	Yes	\$90.61	\$43.87
295	20-Jan-10	15	10	\$46.67	Yes	\$90.61	\$43.94
296	20-Jan-10	15	11	\$45.46	Yes	\$90.61	\$45.15
297	20-Jan-10	15	12	\$45.46	Yes	\$90.61	\$45.15
298	20-Jan-10	16	1	\$48.97	Yes	\$90.61	\$41.64
299	20-Jan-10	16	2	\$48.97	Yes	\$90.61	\$41.64
300	20-Jan-10	16	3	\$48.97	Yes	\$90.61	\$41.64
301	20-Jan-10	16	4	\$54.50	Yes	\$90.61	\$36.11
302	20-Jan-10	16	5	\$54.50	Yes	\$90.61	\$36.11
303	20-Jan-10	16	6	\$54.50	Yes	\$90.61	\$36.11
304	20-Jan-10	16	7	\$54.97	Yes	\$90.61	\$35.64
305	20-Jan-10	16	8	\$54.97	Yes	\$90.61	\$35.64
306	20-Jan-10	16	9	\$54.94	Yes	\$90.61	\$35.67
307	20-Jan-10	16	10	\$55.32	Yes	\$90.61	\$35.29
308	20-Jan-10	16	11	\$56.64	Yes	\$90.61	\$33.97
309	20-Jan-10	16	12	\$56.30	Yes	\$90.61	\$34.31
310	20-Jan-10	17	1	\$47.33	Yes	\$90.61	\$43.28
311	20-Jan-10	17	2	\$47.33	Yes	\$90.61	\$43.28
312	20-Jan-10	17	3	\$47.58	Yes	\$90.61	\$43.03
313	20-Jan-10	17	4	\$48.57	Yes	\$90.61	\$42.04

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
314	20-Jan-10	17	5	\$49.40	Yes	\$90.61	\$41.21
315	20-Jan-10	17	6	\$58.22	Yes	\$90.61	\$32.39
316	20-Jan-10	17	7	\$59.87	Yes	\$90.61	\$30.74
317	20-Jan-10	17	8	\$58.92	Yes	\$90.61	\$31.69
318	20-Jan-10	17	9	\$61.02	Yes	\$90.61	\$29.59
319	20-Jan-10	17	10	\$63.86	Yes	\$90.61	\$26.75
320	20-Jan-10	17	11	\$65.81	Yes	\$90.61	\$24.80
321	20-Jan-10	17	12	\$69.85	Yes	\$90.61	\$20.76
322	20-Jan-10	18	1	\$51.92	Yes	\$90.61	\$38.69
323	20-Jan-10	18	2	\$60.69	Yes	\$90.61	\$29.92
324	20-Jan-10	18	3	\$62.15	Yes	\$90.61	\$28.46
325	20-Jan-10	18	4	\$48.12	Yes	\$90.61	\$42.49
326	20-Jan-10	18	5	\$48.06	Yes	\$90.61	\$42.55
327	20-Jan-10	18	6	\$51.98	Yes	\$90.61	\$38.63
328	20-Jan-10	18	7	\$61.02	Yes	\$90.61	\$29.59
329	20-Jan-10	18	8	\$64.02	Yes	\$90.61	\$26.59
330	20-Jan-10	18	9	\$82.12	Yes	\$90.61	\$8.49
331	20-Jan-10	18	10	\$282.40	Yes	\$90.61	-\$191.79
332	20-Jan-10	18	11	\$120.51	Yes	\$90.61	-\$29.90
333	20-Jan-10	18	12	\$114.30	Yes	\$90.61	-\$23.69
334	20-Jan-10	19	1	\$95.20	Yes	\$90.61	-\$4.59
335	20-Jan-10	19	2	\$79.67	Yes	\$90.61	\$10.94
336	20-Jan-10	19	3	\$79.67	Yes	\$90.61	\$10.94
337	20-Jan-10	19	4	\$65.37	Yes	\$90.61	\$25.24
338	20-Jan-10	19	5	\$64.18	Yes	\$90.61	\$26.43
339	20-Jan-10	19	6	\$64.22	Yes	\$90.61	\$26.39
340	20-Jan-10	19	7	\$59.39	Yes	\$90.61	\$31.22
341	20-Jan-10	19	8	\$60.84	Yes	\$90.61	\$29.77
342	20-Jan-10	19	9	\$62.35	Yes	\$90.61	\$28.26
343	20-Jan-10	19	10	\$68.23	Yes	\$90.61	\$22.38
344	20-Jan-10	19	11	\$65.13	Yes	\$90.61	\$25.48
345	20-Jan-10	19	12	\$61.47	Yes	\$90.61	\$29.14
346	20-Jan-10	20	1	\$60.17	Yes	\$90.61	\$30.44
347	20-Jan-10	20	2	\$59.18	Yes	\$90.61	\$31.43
348	20-Jan-10	20	3	\$59.20	Yes	\$90.61	\$31.41
349	20-Jan-10	20	4	\$59.11	Yes	\$90.61	\$31.50
350	20-Jan-10	20	5	\$57.19	Yes	\$90.61	\$33.42
351	20-Jan-10	20	6	\$49.44	Yes	\$90.61	\$41.17
352	20-Jan-10	20	7	\$53.98	Yes	\$90.61	\$36.63
353	20-Jan-10	20	8	\$55.57	Yes	\$90.61	\$35.04
354	20-Jan-10	20	9	\$57.28	Yes	\$90.61	\$33.33
355	20-Jan-10	20	10	\$57.15	Yes	\$90.61	\$33.46
356	20-Jan-10	20	11	\$56.64	Yes	\$90.61	\$33.97
357	20-Jan-10	20	12	\$52.09	Yes	\$90.61	\$38.52
358	25-Jan-10	13	11	\$70.38	No	\$92.19	\$21.81

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	25-Jan-10	13	12	\$68.66	No	\$92.19	\$23.53
360	25-Jan-10	14	1	\$63.94	No	\$92.19	\$28.25
361	25-Jan-10	14	2	\$63.94	No	\$92.19	\$28.25
362	25-Jan-10	14	3	\$61.75	No	\$92.19	\$30.44
363	25-Jan-10	14	4	\$64.67	No	\$92.19	\$27.52
364	25-Jan-10	14	5	\$61.00	No	\$92.19	\$31.19
365	25-Jan-10	14	6	\$58.38	No	\$92.19	\$33.81
366	25-Jan-10	14	7	\$53.14	No	\$92.19	\$39.05
367	25-Jan-10	14	8	\$52.16	No	\$92.19	\$40.03
368	25-Jan-10	14	9	\$61.01	No	\$92.19	\$31.18
369	25-Jan-10	14	10	\$58.23	No	\$92.19	\$33.96
370	25-Jan-10	14	11	\$51.25	No	\$92.19	\$40.94
371	25-Jan-10	14	12	\$58.71	No	\$92.19	\$33.48
372	25-Jan-10	15	1	\$61.80	No	\$92.19	\$30.39
373	25-Jan-10	15	2	\$60.71	No	\$92.19	\$31.48
374	25-Jan-10	15	3	\$60.71	No	\$92.19	\$31.48
375	25-Jan-10	15	4	\$58.39	No	\$92.19	\$33.80
376	25-Jan-10	15	5	\$51.05	No	\$92.19	\$41.14
377	25-Jan-10	15	6	\$51.05	No	\$92.19	\$41.14
378	25-Jan-10	15	7	\$58.31	No	\$92.19	\$33.88
379	25-Jan-10	15	8	\$50.96	No	\$92.19	\$41.23
380	25-Jan-10	15	9	\$48.91	No	\$92.19	\$43.28
381	25-Jan-10	15	10	\$60.72	No	\$92.19	\$31.47
382	25-Jan-10	15	11	\$60.72	No	\$92.19	\$31.47
383	25-Jan-10	15	12	\$58.40	No	\$92.19	\$33.79
384	25-Jan-10	16	1	\$58.77	No	\$92.19	\$33.42
385	25-Jan-10	16	2	\$55.97	No	\$92.19	\$36.22
386	25-Jan-10	16	3	\$51.32	No	\$92.19	\$40.87
387	25-Jan-10	16	4	\$49.36	No	\$92.19	\$42.83
388	25-Jan-10	16	5	\$49.36	No	\$92.19	\$42.83
389	25-Jan-10	16	6	\$49.36	No	\$92.19	\$42.83
390	25-Jan-10	16	7	\$49.56	No	\$92.19	\$42.63
391	25-Jan-10	16	8	\$49.56	No	\$92.19	\$42.63
392	25-Jan-10	16	9	\$49.56	No	\$92.19	\$42.63
393	25-Jan-10	16	10	\$50.49	No	\$92.19	\$41.70
394	25-Jan-10	16	11	\$50.49	No	\$92.19	\$41.70
395	25-Jan-10	16	12	\$50.49	No	\$92.19	\$41.70
396	25-Jan-10	17	1	\$42.58	No	\$92.19	\$49.61
397	25-Jan-10	17	2	\$42.62	No	\$92.19	\$49.57
398	25-Jan-10	17	3	\$43.51	No	\$92.19	\$48.68
399	25-Jan-10	17	4	\$44.37	No	\$92.19	\$47.82
400	25-Jan-10	17	5	\$47.87	No	\$92.19	\$44.32
401	25-Jan-10	17	6	\$47.88	No	\$92.19	\$44.31
402	25-Jan-10	17	7	\$48.67	No	\$92.19	\$43.52
403	25-Jan-10	17	8	\$54.20	No	\$92.19	\$37.99

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	25-Jan-10	17	9	\$60.50	No	\$92.19	\$31.69
405	25-Jan-10	17	10	\$62.45	No	\$92.19	\$29.74
406	25-Jan-10	17	11	\$62.45	No	\$92.19	\$29.74
407	25-Jan-10	17	12	\$61.17	No	\$92.19	\$31.02
408	25-Jan-10	18	1	\$46.27	No	\$92.19	\$45.92
409	25-Jan-10	18	2	\$46.83	No	\$92.19	\$45.36
410	25-Jan-10	18	3	\$47.51	No	\$92.19	\$44.68
411	25-Jan-10	18	4	\$51.28	No	\$92.19	\$40.91
412	25-Jan-10	18	5	\$51.87	No	\$92.19	\$40.32
413	25-Jan-10	18	6	\$56.87	No	\$92.19	\$35.32
414	25-Jan-10	18	7	\$62.65	No	\$92.19	\$29.54
415	25-Jan-10	18	8	\$70.56	No	\$92.19	\$21.63
416	25-Jan-10	18	9	\$183.93	No	\$92.19	-\$91.74
417	25-Jan-10	18	10	\$76.29	No	\$92.19	\$15.90
418	25-Jan-10	18	11	\$88.35	No	\$92.19	\$3.84
419	25-Jan-10	18	12	\$75.96	No	\$92.19	\$16.23
420	25-Jan-10	19	1	\$78.77	Yes	\$92.19	\$13.42
421	25-Jan-10	19	2	\$73.31	Yes	\$92.19	\$18.88
422	25-Jan-10	19	3	\$73.31	Yes	\$92.19	\$18.88
423	25-Jan-10	19	4	\$54.34	Yes	\$92.19	\$37.85
424	25-Jan-10	19	5	\$54.34	Yes	\$92.19	\$37.85
425	25-Jan-10	19	6	\$52.31	Yes	\$92.19	\$39.88
426	25-Jan-10	19	7	\$54.06	Yes	\$92.19	\$38.13
427	25-Jan-10	19	8	\$53.35	Yes	\$92.19	\$38.84
428	25-Jan-10	19	9	\$53.35	Yes	\$92.19	\$38.84
429	25-Jan-10	19	10	\$59.20	Yes	\$92.19	\$32.99
430	25-Jan-10	19	11	\$50.81	Yes	\$92.19	\$41.38
431	25-Jan-10	19	12	\$50.70	Yes	\$92.19	\$41.49
432	25-Jan-10	20	1	\$66.82	Yes	\$92.19	\$25.37
433	25-Jan-10	20	2	\$79.70	Yes	\$92.19	\$12.49
434	25-Jan-10	20	3	\$78.74	Yes	\$92.19	\$13.45
435	25-Jan-10	20	4	\$76.45	Yes	\$92.19	\$15.74
436	25-Jan-10	20	5	\$72.25	Yes	\$92.19	\$19.94
437	25-Jan-10	20	6	\$66.67	Yes	\$92.19	\$25.52
438	25-Jan-10	20	7	\$66.07	Yes	\$92.19	\$26.12
439	25-Jan-10	20	8	\$60.58	Yes	\$92.19	\$31.61
440	25-Jan-10	20	9	\$60.67	Yes	\$92.19	\$31.52
441	25-Jan-10	20	10	\$51.92	Yes	\$92.19	\$40.27
442	25-Jan-10	20	11	\$51.92	Yes	\$92.19	\$40.27
443	25-Jan-10	20	12	\$52.70	Yes	\$92.19	\$39.49
444	25-Jan-10	21	1	\$55.68	Yes	\$92.19	\$36.51
445	25-Jan-10	21	2	\$55.68	Yes	\$92.19	\$36.51
446	25-Jan-10	21	3	\$57.45	Yes	\$92.19	\$34.74
447	25-Jan-10	21	4	\$57.72	Yes	\$92.19	\$34.47
448	25-Jan-10	21	5	\$51.65	Yes	\$92.19	\$40.54

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
449	25-Jan-10	21	6	\$51.13	Yes	\$92.19	\$41.06
450	25-Jan-10	21	7	\$51.00	Yes	\$92.19	\$41.19
451	25-Jan-10	21	8	\$50.64	Yes	\$92.19	\$41.55
452	25-Jan-10	21	9	\$51.00	Yes	\$92.19	\$41.19
453	25-Jan-10	21	10	\$46.70	Yes	\$92.19	\$45.49
454	25-Jan-10	21	11	\$46.70	Yes	\$92.19	\$45.49
455	25-Jan-10	21	12	\$44.29	Yes	\$92.19	\$47.90
456	25-Jan-10	22	1	\$76.32	Yes	\$92.19	\$15.87
457	25-Jan-10	22	2	\$64.15	Yes	\$92.19	\$28.04
458	25-Jan-10	22	3	\$63.25	Yes	\$92.19	\$28.94
459	25-Jan-10	22	4	\$58.58	Yes	\$92.19	\$33.61
460	25-Jan-10	22	5	\$58.58	Yes	\$92.19	\$33.61
461	25-Jan-10	22	6	\$56.29	Yes	\$92.19	\$35.90
462	25-Jan-10	22	7	\$45.10	Yes	\$92.19	\$47.09
463	25-Jan-10	22	8	\$42.62	Yes	\$92.19	\$49.57
464	25-Jan-10	22	9	\$42.29	Yes	\$92.19	\$49.90
465	25-Jan-10	22	10	\$41.70	Yes	\$92.19	\$50.49
466	25-Jan-10	22	11	\$41.70	Yes	\$92.19	\$50.49
467	25-Jan-10	22	12	\$38.03	Yes	\$92.19	\$54.16
468	25-Jan-10	23	1	\$67.45	Yes	\$92.19	\$24.74
469	25-Jan-10	23	2	\$64.53	Yes	\$92.19	\$27.66
470	25-Jan-10	23	3	\$46.45	Yes	\$92.19	\$45.74
471	25-Jan-10	23	4	\$55.75	Yes	\$92.19	\$36.44
472	25-Jan-10	23	5	\$56.09	Yes	\$92.19	\$36.10
473	25-Jan-10	23	6	\$55.75	Yes	\$92.19	\$36.44
474	25-Jan-10	23	7	\$52.08	Yes	\$92.19	\$40.11
475	25-Jan-10	23	8	\$46.75	Yes	\$92.19	\$45.44
476	25-Jan-10	23	9	\$42.42	Yes	\$92.19	\$49.77
477	25-Jan-10	23	10	\$41.44	Yes	\$92.19	\$50.75
478	25-Jan-10	23	11	\$37.74	Yes	\$92.19	\$54.45
479	25-Jan-10	23	12	\$39.55	Yes	\$92.19	\$52.64
480	25-Jan-10	24	1	\$43.90	Yes	\$92.19	\$48.29
481	25-Jan-10	24	2	\$42.40	Yes	\$92.19	\$49.79
482	25-Jan-10	24	3	\$41.46	Yes	\$92.19	\$50.73
483	25-Jan-10	24	4	\$40.65	Yes	\$92.19	\$51.54
484	25-Jan-10	24	5	\$40.63	Yes	\$92.19	\$51.56
485	25-Jan-10	24	6	\$38.80	Yes	\$92.19	\$53.39
486	25-Jan-10	24	7	\$39.20	Yes	\$92.19	\$52.99
487	25-Jan-10	24	8	\$39.11	Yes	\$92.19	\$53.08
488	25-Jan-10	24	9	\$38.24	Yes	\$92.19	\$53.95
489	25-Jan-10	24	10	\$37.58	Yes	\$92.19	\$54.61
490	25-Jan-10	24	11	\$37.15	Yes	\$92.19	\$55.04
491	25-Jan-10	24	12	\$35.97	Yes	\$92.19	\$56.22
492	26-Jan-10	1	1	\$42.21	Yes	\$91.34	\$49.13
493	26-Jan-10	1	2	\$41.38	Yes	\$91.34	\$49.96

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
494	26-Jan-10	1	3	\$39.40	Yes	\$91.34	\$51.94
495	26-Jan-10	1	4	\$38.91	Yes	\$91.34	\$52.43
496	26-Jan-10	1	5	\$38.00	Yes	\$91.34	\$53.34
497	26-Jan-10	1	6	\$37.80	Yes	\$91.34	\$53.54
498	26-Jan-10	1	7	\$38.03	Yes	\$91.34	\$53.31
499	26-Jan-10	1	8	\$38.03	Yes	\$91.34	\$53.31
500	26-Jan-10	1	9	\$37.63	Yes	\$91.34	\$53.71
501	26-Jan-10	1	10	\$37.06	Yes	\$91.34	\$54.28
502	26-Jan-10	1	11	\$37.06	Yes	\$91.34	\$54.28
503	26-Jan-10	1	12	\$36.76	Yes	\$91.34	\$54.58
504	26-Jan-10	2	1	\$37.99	Yes	\$91.34	\$53.35
505	26-Jan-10	2	2	\$37.73	Yes	\$91.34	\$53.61
506	26-Jan-10	2	3	\$37.34	Yes	\$91.34	\$54.00
507	26-Jan-10	2	4	\$37.12	Yes	\$91.34	\$54.22
508	26-Jan-10	2	5	\$36.84	Yes	\$91.34	\$54.50
509	26-Jan-10	2	6	\$36.65	Yes	\$91.34	\$54.69
510	26-Jan-10	2	7	\$36.94	Yes	\$91.34	\$54.40
511	26-Jan-10	2	8	\$36.78	Yes	\$91.34	\$54.56
512	26-Jan-10	2	9	\$36.11	Yes	\$91.34	\$55.23
513	26-Jan-10	2	10	\$36.02	Yes	\$91.34	\$55.32
514	26-Jan-10	2	11	\$35.64	Yes	\$91.34	\$55.70
515	26-Jan-10	2	12	\$33.53	Yes	\$91.34	\$57.81
516	26-Jan-10	3	1	\$34.96	Yes	\$91.34	\$56.38
517	26-Jan-10	3	2	-\$31.63	Yes	\$91.34	\$122.97
518	26-Jan-10	3	3	-\$26.94	Yes	\$91.34	\$118.28
519	26-Jan-10	3	4	\$0.10	Yes	\$91.34	\$91.24
520	26-Jan-10	3	5	\$0.60	Yes	\$91.34	\$90.74
521	26-Jan-10	3	6	\$30.05	Yes	\$91.34	\$61.29
522	26-Jan-10	3	7	\$29.40	Yes	\$91.34	\$61.94
523	26-Jan-10	3	8	\$29.78	Yes	\$91.34	\$61.56
524	26-Jan-10	3	9	\$32.47	Yes	\$91.34	\$58.87
525	26-Jan-10	3	10	\$23.10	Yes	\$91.34	\$68.24
526	26-Jan-10	3	11	\$32.68	Yes	\$91.34	\$58.66
527	26-Jan-10	3	12	\$31.86	Yes	\$91.34	\$59.48
528	26-Jan-10	4	1	\$33.52	Yes	\$91.34	\$57.82
529	26-Jan-10	4	2	\$33.60	Yes	\$91.34	\$57.74
530	26-Jan-10	4	3	\$33.52	Yes	\$91.34	\$57.82
531	26-Jan-10	4	4	\$33.51	Yes	\$91.34	\$57.83
532	26-Jan-10	4	5	\$33.51	Yes	\$91.34	\$57.83
533	26-Jan-10	4	6	\$33.51	Yes	\$91.34	\$57.83
534	26-Jan-10	4	7	\$33.45	Yes	\$91.34	\$57.89
535	26-Jan-10	4	8	\$33.62	Yes	\$91.34	\$57.72
536	26-Jan-10	4	9	\$34.25	Yes	\$91.34	\$57.09
537	26-Jan-10	4	10	\$34.53	Yes	\$91.34	\$56.81
538	26-Jan-10	4	11	\$35.13	Yes	\$91.34	\$56.21

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
539	26-Jan-10	4	12	\$36.05	Yes	\$91.34	\$55.29
540	26-Jan-10	5	1	\$34.28	Yes	\$91.34	\$57.06
541	26-Jan-10	5	2	\$35.11	Yes	\$91.34	\$56.23
542	26-Jan-10	5	3	\$35.54	Yes	\$91.34	\$55.80
543	26-Jan-10	5	4	\$35.90	Yes	\$91.34	\$55.44
544	26-Jan-10	5	5	\$35.82	Yes	\$91.34	\$55.52
545	26-Jan-10	5	6	\$36.14	Yes	\$91.34	\$55.20
546	26-Jan-10	5	7	\$37.24	Yes	\$91.34	\$54.10
547	26-Jan-10	5	8	\$37.35	Yes	\$91.34	\$53.99
548	26-Jan-10	5	9	\$37.62	Yes	\$91.34	\$53.72
549	26-Jan-10	5	10	\$38.61	Yes	\$91.34	\$52.73
550	26-Jan-10	5	11	\$38.69	Yes	\$91.34	\$52.65
551	26-Jan-10	5	12	\$38.79	Yes	\$91.34	\$52.55
552	26-Jan-10	6	1	\$38.62	Yes	\$91.34	\$52.72
553	26-Jan-10	6	2	\$38.98	Yes	\$91.34	\$52.36
554	26-Jan-10	6	3	\$38.98	Yes	\$91.34	\$52.36
555	26-Jan-10	6	4	\$39.42	Yes	\$91.34	\$51.92
556	26-Jan-10	6	5	\$38.95	Yes	\$91.34	\$52.39
557	26-Jan-10	6	6	\$39.51	Yes	\$91.34	\$51.83
558	26-Jan-10	6	7	\$40.03	Yes	\$91.34	\$51.31
559	26-Jan-10	6	8	\$41.02	Yes	\$91.34	\$50.32
560	26-Jan-10	6	9	\$41.20	Yes	\$91.34	\$50.14
561	26-Jan-10	6	10	\$42.55	Yes	\$91.34	\$48.79
562	26-Jan-10	6	11	\$43.51	Yes	\$91.34	\$47.83
563	26-Jan-10	6	12	\$47.15	Yes	\$91.34	\$44.19
564	26-Jan-10	7	1	\$31.54	Yes	\$91.34	\$59.80
565	26-Jan-10	7	2	\$35.39	Yes	\$91.34	\$55.95
566	26-Jan-10	7	3	\$36.24	Yes	\$91.34	\$55.10
567	26-Jan-10	7	4	\$43.14	Yes	\$91.34	\$48.20
568	26-Jan-10	7	5	\$42.01	Yes	\$91.34	\$49.33
569	26-Jan-10	7	6	\$43.14	Yes	\$91.34	\$48.20
570	26-Jan-10	7	7	\$44.18	Yes	\$91.34	\$47.16
571	26-Jan-10	7	8	\$44.40	Yes	\$91.34	\$46.94
572	26-Jan-10	7	9	\$47.43	Yes	\$91.34	\$43.91
573	26-Jan-10	7	10	\$51.12	Yes	\$91.34	\$40.22
574	26-Jan-10	7	11	\$48.82	Yes	\$91.34	\$42.52
575	26-Jan-10	7	12	\$50.90	Yes	\$91.34	\$40.44
576	26-Jan-10	8	1	\$44.56	Yes	\$91.34	\$46.78
577	26-Jan-10	8	2	\$44.56	Yes	\$91.34	\$46.78
578	26-Jan-10	8	3	\$46.70	Yes	\$91.34	\$44.64
579	26-Jan-10	8	4	\$49.10	Yes	\$91.34	\$42.24
580	26-Jan-10	8	5	\$48.82	Yes	\$91.34	\$42.52
581	26-Jan-10	8	6	\$49.10	Yes	\$91.34	\$42.24
582	26-Jan-10	8	7	\$50.95	Yes	\$91.34	\$40.39
583	26-Jan-10	8	8	\$49.41	Yes	\$91.34	\$41.93

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
584	26-Jan-10	8	9	\$49.41	Yes	\$91.34	\$41.93
585	26-Jan-10	8	10	\$48.91	Yes	\$91.34	\$42.43
586	26-Jan-10	8	11	\$50.85	Yes	\$91.34	\$40.49
587	26-Jan-10	8	12	\$49.21	Yes	\$91.34	\$42.13
588	26-Jan-10	9	1	\$47.00	Yes	\$91.34	\$44.34
589	26-Jan-10	9	2	\$44.60	Yes	\$91.34	\$46.74
590	26-Jan-10	9	3	\$44.60	Yes	\$91.34	\$46.74
591	26-Jan-10	9	4	\$44.87	Yes	\$91.34	\$46.47
592	26-Jan-10	9	5	\$46.47	Yes	\$91.34	\$44.87
593	26-Jan-10	9	6	\$46.47	Yes	\$91.34	\$44.87
594	26-Jan-10	9	7	\$46.27	Yes	\$91.34	\$45.07
595	26-Jan-10	9	8	\$46.27	Yes	\$91.34	\$45.07
596	26-Jan-10	9	9	\$46.27	Yes	\$91.34	\$45.07
597	26-Jan-10	9	10	\$46.58	Yes	\$91.34	\$44.76
598	26-Jan-10	9	11	\$48.12	Yes	\$91.34	\$43.22
599	26-Jan-10	9	12	\$48.12	Yes	\$91.34	\$43.22
600	26-Jan-10	10	1	\$44.77	Yes	\$91.34	\$46.57
601	26-Jan-10	10	2	\$46.71	Yes	\$91.34	\$44.63
602	26-Jan-10	10	3	\$47.32	Yes	\$91.34	\$44.02
603	26-Jan-10	10	4	\$47.82	Yes	\$91.34	\$43.52
604	26-Jan-10	10	5	\$47.82	Yes	\$91.34	\$43.52
605	26-Jan-10	10	6	\$47.82	Yes	\$91.34	\$43.52
606	26-Jan-10	10	7	\$48.38	Yes	\$91.34	\$42.96
607	26-Jan-10	10	8	\$48.38	Yes	\$91.34	\$42.96
608	26-Jan-10	10	9	\$49.06	Yes	\$91.34	\$42.28
609	26-Jan-10	10	10	\$48.74	Yes	\$91.34	\$42.60
610	26-Jan-10	10	11	\$48.71	Yes	\$91.34	\$42.63
611	26-Jan-10	10	12	\$48.71	Yes	\$91.34	\$42.63
612	26-Jan-10	11	1	\$44.06	Yes	\$91.34	\$47.28
613	26-Jan-10	11	2	\$44.06	Yes	\$91.34	\$47.28
614	26-Jan-10	11	3	\$45.93	Yes	\$91.34	\$45.41
615	26-Jan-10	11	4	\$45.84	Yes	\$91.34	\$45.51
616	26-Jan-10	11	5	\$45.84	Yes	\$91.34	\$45.50
617	26-Jan-10	11	6	\$45.84	Yes	\$91.34	\$45.50
618	26-Jan-10	11	7	\$45.73	Yes	\$91.34	\$45.61
619	26-Jan-10	11	8	\$45.73	Yes	\$91.34	\$45.61
620	26-Jan-10	11	9	\$45.73	Yes	\$91.34	\$45.61
621	26-Jan-10	11	10	\$45.28	Yes	\$91.34	\$46.06
622	26-Jan-10	11	11	\$47.50	Yes	\$91.34	\$43.84
623	26-Jan-10	11	12	\$47.57	Yes	\$91.34	\$43.77
624	26-Jan-10	12	1	\$44.43	Yes	\$91.34	\$46.91
625	26-Jan-10	12	2	\$45.90	Yes	\$91.34	\$45.44
626	26-Jan-10	12	3	\$46.63	Yes	\$91.34	\$44.71
627	26-Jan-10	12	4	\$46.63	Yes	\$91.34	\$44.71
628	26-Jan-10	12	5	\$46.63	Yes	\$91.34	\$44.71

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
629	26-Jan-10	12	6	\$49.63	Yes	\$91.34	\$41.71
630	26-Jan-10	12	7	\$49.63	Yes	\$91.34	\$41.71
631	26-Jan-10	12	8	\$46.16	Yes	\$91.34	\$45.18
632	26-Jan-10	12	9	\$46.16	Yes	\$91.34	\$45.18
633	26-Jan-10	12	10	\$46.31	Yes	\$91.34	\$45.03
634	26-Jan-10	12	11	\$46.31	Yes	\$91.34	\$45.03
635	26-Jan-10	12	12	\$46.31	Yes	\$91.34	\$45.03
636	26-Jan-10	13	1	\$43.26	Yes	\$91.34	\$48.08
637	26-Jan-10	13	2	\$43.26	Yes	\$91.34	\$48.08
638	26-Jan-10	13	3	\$45.90	Yes	\$91.34	\$45.44
639	26-Jan-10	13	4	\$46.38	Yes	\$91.34	\$44.96
640	26-Jan-10	13	5	\$47.42	Yes	\$91.34	\$43.92
641	26-Jan-10	13	6	\$57.86	Yes	\$91.34	\$33.48
642	26-Jan-10	13	7	\$53.18	Yes	\$91.34	\$38.16
643	26-Jan-10	13	8	\$53.18	Yes	\$91.34	\$38.16
644	26-Jan-10	13	9	\$51.63	Yes	\$91.34	\$39.71
645	26-Jan-10	13	10	\$49.07	Yes	\$91.34	\$42.27
646	26-Jan-10	13	11	\$49.07	Yes	\$91.34	\$42.27
647	26-Jan-10	13	12	\$47.88	Yes	\$91.34	\$43.46
648	26-Jan-10	14	1	\$53.44	Yes	\$91.34	\$37.90
649	26-Jan-10	14	2	\$52.52	Yes	\$91.34	\$38.82
650	26-Jan-10	14	3	\$56.08	Yes	\$91.34	\$35.26
651	26-Jan-10	14	4	\$53.92	Yes	\$91.34	\$37.42
652	26-Jan-10	14	5	\$54.31	Yes	\$91.34	\$37.03
653	26-Jan-10	14	6	\$53.43	Yes	\$91.34	\$37.91
654	26-Jan-10	14	7	\$52.35	Yes	\$91.34	\$38.99
655	26-Jan-10	14	8	\$51.53	Yes	\$91.34	\$39.81
656	26-Jan-10	14	9	\$48.70	Yes	\$91.34	\$42.64
657	26-Jan-10	14	10	\$51.62	Yes	\$91.34	\$39.72
658	26-Jan-10	14	11	\$48.39	Yes	\$91.34	\$42.95
659	26-Jan-10	14	12	\$48.39	Yes	\$91.34	\$42.95
660	26-Jan-10	15	1	\$45.88	Yes	\$91.34	\$45.46
661	26-Jan-10	15	2	\$45.88	Yes	\$91.34	\$45.46
662	26-Jan-10	15	3	\$45.88	Yes	\$91.34	\$45.46
663	26-Jan-10	15	4	\$47.08	Yes	\$91.34	\$44.26
664	26-Jan-10	15	5	\$47.08	Yes	\$91.34	\$44.26
665	26-Jan-10	15	6	\$43.28	Yes	\$91.34	\$48.06
666	26-Jan-10	15	7	\$43.24	Yes	\$91.34	\$48.10
667	26-Jan-10	15	8	\$44.58	Yes	\$91.34	\$46.76
668	26-Jan-10	15	9	\$44.58	Yes	\$91.34	\$46.76
669	26-Jan-10	15	10	\$44.70	Yes	\$91.34	\$46.64
670	26-Jan-10	15	11	\$44.70	Yes	\$91.34	\$46.64
671	26-Jan-10	15	12	\$44.70	Yes	\$91.34	\$46.64
672	26-Jan-10	16	1	\$42.27	Yes	\$91.34	\$49.07
673	26-Jan-10	16	2	\$42.83	Yes	\$91.34	\$48.51

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
674	26-Jan-10	16	3	\$45.15	Yes	\$91.34	\$46.19
675	26-Jan-10	16	4	\$45.47	Yes	\$91.34	\$45.87
676	26-Jan-10	16	5	\$49.44	Yes	\$91.34	\$41.90
677	26-Jan-10	16	6	\$45.03	Yes	\$91.34	\$46.31
678	26-Jan-10	16	7	\$45.00	Yes	\$91.34	\$46.34
679	26-Jan-10	16	8	\$45.25	Yes	\$91.34	\$46.09
680	26-Jan-10	16	9	\$47.10	Yes	\$91.34	\$44.24
681	26-Jan-10	16	10	\$50.08	Yes	\$91.34	\$41.26
682	26-Jan-10	16	11	\$50.08	Yes	\$91.34	\$41.26
683	26-Jan-10	16	12	\$45.77	Yes	\$91.34	\$45.57
684	26-Jan-10	17	1	\$41.53	Yes	\$91.34	\$49.81
685	26-Jan-10	17	2	\$40.77	Yes	\$91.34	\$50.57
686	26-Jan-10	17	3	\$41.43	Yes	\$91.34	\$49.91
687	26-Jan-10	17	4	\$40.50	Yes	\$91.34	\$50.84
688	26-Jan-10	17	5	\$40.62	Yes	\$91.34	\$50.72
689	26-Jan-10	17	6	\$41.42	Yes	\$91.34	\$49.92
690	26-Jan-10	17	7	\$45.10	Yes	\$91.34	\$46.24
691	26-Jan-10	17	8	\$45.11	Yes	\$91.34	\$46.23
692	26-Jan-10	17	9	\$49.06	Yes	\$91.34	\$42.28
693	26-Jan-10	17	10	\$50.35	Yes	\$91.34	\$40.99
694	26-Jan-10	17	11	\$51.39	Yes	\$91.34	\$39.95
695	26-Jan-10	17	12	\$54.86	Yes	\$91.34	\$36.48
696	26-Jan-10	18	1	\$40.84	Yes	\$91.34	\$50.50
697	26-Jan-10	18	2	\$40.84	Yes	\$91.34	\$50.50
698	26-Jan-10	18	3	\$41.28	Yes	\$91.34	\$50.06
699	26-Jan-10	18	4	\$43.54	Yes	\$91.34	\$47.80
700	26-Jan-10	18	5	\$48.45	Yes	\$91.34	\$42.89
701	26-Jan-10	18	6	\$65.08	Yes	\$91.34	\$26.26
702	26-Jan-10	18	7	\$66.27	Yes	\$91.34	\$25.07
703	26-Jan-10	18	8	\$84.69	Yes	\$91.34	\$6.65
704	26-Jan-10	18	9	\$84.69	Yes	\$91.34	\$6.65
705	26-Jan-10	18	10	\$105.82	Yes	\$91.34	-\$14.48
706	26-Jan-10	18	11	\$67.73	Yes	\$91.34	\$23.61
707	26-Jan-10	18	12	\$67.73	Yes	\$91.34	\$23.61
708	26-Jan-10	19	1	\$66.27	Yes	\$91.34	\$25.07
709	26-Jan-10	19	2	\$58.50	Yes	\$91.34	\$32.84
710	26-Jan-10	19	3	\$58.50	Yes	\$91.34	\$32.84
711	26-Jan-10	19	4	\$54.83	Yes	\$91.34	\$36.51
712	26-Jan-10	19	5	\$54.83	Yes	\$91.34	\$36.51
713	26-Jan-10	19	6	\$54.83	Yes	\$91.34	\$36.51
714	26-Jan-10	19	7	\$54.80	Yes	\$91.34	\$36.54
715	26-Jan-10	19	8	\$54.80	Yes	\$91.34	\$36.54
716	26-Jan-10	19	9	\$54.80	Yes	\$91.34	\$36.54
717	26-Jan-10	19	10	\$50.20	Yes	\$91.34	\$41.14
718	26-Jan-10	19	11	\$51.51	Yes	\$91.34	\$39.83

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
719	26-Jan-10	19	12	\$51.25	Yes	\$91.34	\$40.09
720	26-Jan-10	20	1	\$52.11	Yes	\$91.34	\$39.23
721	26-Jan-10	20	2	\$52.50	Yes	\$91.34	\$38.84
722	26-Jan-10	20	3	\$51.73	Yes	\$91.34	\$39.61
723	26-Jan-10	20	4	\$49.55	Yes	\$91.34	\$41.79
724	26-Jan-10	20	5	\$49.55	Yes	\$91.34	\$41.79
725	26-Jan-10	20	6	\$49.55	Yes	\$91.34	\$41.79
726	26-Jan-10	20	7	\$48.61	Yes	\$91.34	\$42.73
727	26-Jan-10	20	8	\$48.61	Yes	\$91.34	\$42.73
728	26-Jan-10	20	9	\$42.91	Yes	\$91.34	\$48.43
729	26-Jan-10	20	10	\$44.73	Yes	\$91.34	\$46.61
730	26-Jan-10	20	11	\$47.10	Yes	\$91.34	\$44.24
731	26-Jan-10	20	12	\$50.83	Yes	\$91.34	\$40.51
732	27-Jan-10	1	8	\$42.51	Yes	\$89.96	\$47.45
733	27-Jan-10	1	9	\$42.23	Yes	\$89.96	\$47.73
734	27-Jan-10	1	10	\$42.40	Yes	\$89.96	\$47.56
735	27-Jan-10	1	11	\$41.99	Yes	\$89.96	\$47.97
736	27-Jan-10	1	12	\$41.42	Yes	\$89.96	\$48.54
737	27-Jan-10	2	1	\$38.76	Yes	\$89.96	\$51.20
738	27-Jan-10	2	2	\$39.46	Yes	\$89.96	\$50.50
739	27-Jan-10	2	3	\$38.76	Yes	\$89.96	\$51.20
740	27-Jan-10	2	4	\$40.07	Yes	\$89.96	\$49.89
741	27-Jan-10	2	5	\$40.06	Yes	\$89.96	\$49.90
742	27-Jan-10	2	6	\$39.86	Yes	\$89.96	\$50.10
743	27-Jan-10	2	7	\$39.11	Yes	\$89.96	\$50.85
744	27-Jan-10	2	8	\$38.94	Yes	\$89.96	\$51.02
745	27-Jan-10	2	9	\$38.94	Yes	\$89.96	\$51.02
746	27-Jan-10	2	10	\$40.81	Yes	\$89.96	\$49.15
747	27-Jan-10	2	11	\$40.16	Yes	\$89.96	\$49.80
748	27-Jan-10	2	12	\$39.14	Yes	\$89.96	\$50.82
749	27-Jan-10	3	1	\$39.54	Yes	\$89.96	\$50.42
750	27-Jan-10	3	2	\$39.13	Yes	\$89.96	\$50.83
751	27-Jan-10	3	3	\$39.13	Yes	\$89.96	\$50.83
752	27-Jan-10	3	4	\$38.83	Yes	\$89.96	\$51.13
753	27-Jan-10	3	5	\$38.32	Yes	\$89.96	\$51.64
754	27-Jan-10	3	6	\$38.12	Yes	\$89.96	\$51.84
755	27-Jan-10	3	7	\$38.16	Yes	\$89.96	\$51.80
756	27-Jan-10	3	8	\$38.05	Yes	\$89.96	\$51.91
757	27-Jan-10	3	9	\$38.13	Yes	\$89.96	\$51.83
758	27-Jan-10	3	10	\$37.93	Yes	\$89.96	\$52.03
759	27-Jan-10	3	11	\$37.93	Yes	\$89.96	\$52.03
760	27-Jan-10	3	12	\$37.93	Yes	\$89.96	\$52.03
761	27-Jan-10	4	6	\$42.88	Yes	\$89.96	\$47.08
762	27-Jan-10	4	7	\$42.84	Yes	\$89.96	\$47.12
763	27-Jan-10	4	8	\$42.97	Yes	\$89.96	\$46.99

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
764	27-Jan-10	4	9	\$43.48	Yes	\$89.96	\$46.48
765	27-Jan-10	4	10	\$37.96	Yes	\$89.96	\$52.00
766	27-Jan-10	4	11	\$38.78	Yes	\$89.96	\$51.18
767	27-Jan-10	4	12	\$39.54	Yes	\$89.96	\$50.42
768	27-Jan-10	5	1	\$38.96	Yes	\$89.96	\$51.00
769	27-Jan-10	5	2	\$39.21	Yes	\$89.96	\$50.75
770	27-Jan-10	5	3	\$38.30	Yes	\$89.96	\$51.66
771	27-Jan-10	5	4	\$38.16	Yes	\$89.96	\$51.80
772	27-Jan-10	5	5	\$39.07	Yes	\$89.96	\$50.89
773	27-Jan-10	5	6	\$39.12	Yes	\$89.96	\$50.84
774	27-Jan-10	5	7	\$39.28	Yes	\$89.96	\$50.68
775	27-Jan-10	5	8	\$40.04	Yes	\$89.96	\$49.92
776	27-Jan-10	5	9	\$41.01	Yes	\$89.96	\$48.95
777	27-Jan-10	5	10	\$42.27	Yes	\$89.96	\$47.69
778	27-Jan-10	5	11	\$42.28	Yes	\$89.96	\$47.68
779	27-Jan-10	5	12	\$43.25	Yes	\$89.96	\$46.71
780	27-Jan-10	6	1	\$38.93	Yes	\$89.96	\$51.03
781	27-Jan-10	6	2	\$38.47	Yes	\$89.96	\$51.49
782	27-Jan-10	6	3	\$38.47	Yes	\$89.96	\$51.49
783	27-Jan-10	6	4	\$42.95	Yes	\$89.96	\$47.01
784	27-Jan-10	6	5	\$42.95	Yes	\$89.96	\$47.01
785	27-Jan-10	6	6	\$43.47	Yes	\$89.96	\$46.49
786	27-Jan-10	6	7	\$44.71	Yes	\$89.96	\$45.25
787	27-Jan-10	6	8	\$47.14	Yes	\$89.96	\$42.82
788	27-Jan-10	6	9	\$47.78	Yes	\$89.96	\$42.18
789	27-Jan-10	6	10	\$54.34	Yes	\$89.96	\$35.62
790	27-Jan-10	6	11	\$54.21	Yes	\$89.96	\$35.75
791	27-Jan-10	6	12	\$62.29	Yes	\$89.96	\$27.67
792	27-Jan-10	7	1	\$10.92	Yes	\$89.96	\$79.04
793	27-Jan-10	7	2	\$35.72	Yes	\$89.96	\$54.24
794	27-Jan-10	7	3	\$38.18	Yes	\$89.96	\$51.78
795	27-Jan-10	7	4	\$40.08	Yes	\$89.96	\$49.88
796	27-Jan-10	7	5	\$41.98	Yes	\$89.96	\$47.98
797	27-Jan-10	7	6	\$43.01	Yes	\$89.96	\$46.95
798	27-Jan-10	7	7	\$44.34	Yes	\$89.96	\$45.62
799	27-Jan-10	7	8	\$45.29	Yes	\$89.96	\$44.67
800	27-Jan-10	7	9	\$48.24	Yes	\$89.96	\$41.72
801	27-Jan-10	7	10	\$48.89	Yes	\$89.96	\$41.07
802	27-Jan-10	7	11	\$51.48	Yes	\$89.96	\$38.48
803	27-Jan-10	7	12	\$51.48	Yes	\$89.96	\$38.48
804	27-Jan-10	8	1	\$49.47	Yes	\$89.96	\$40.49
805	27-Jan-10	8	2	\$49.47	Yes	\$89.96	\$40.49
806	27-Jan-10	8	3	\$49.60	Yes	\$89.96	\$40.36
807	27-Jan-10	8	4	\$53.71	Yes	\$89.96	\$36.25
808	27-Jan-10	8	5	\$50.77	Yes	\$89.96	\$39.19

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
809	27-Jan-10	8	6	\$50.77	Yes	\$89.96	\$39.19
810	27-Jan-10	8	7	\$50.72	Yes	\$89.96	\$39.24
811	27-Jan-10	8	8	\$50.72	Yes	\$89.96	\$39.24
812	27-Jan-10	8	9	\$50.72	Yes	\$89.96	\$39.24
813	27-Jan-10	8	10	\$49.15	Yes	\$89.96	\$40.81
814	27-Jan-10	8	11	\$49.15	Yes	\$89.96	\$40.81
815	27-Jan-10	8	12	\$49.15	Yes	\$89.96	\$40.81
816	27-Jan-10	9	1	\$46.14	Yes	\$89.96	\$43.82
817	27-Jan-10	9	2	\$46.14	Yes	\$89.96	\$43.82
818	27-Jan-10	9	3	\$46.14	Yes	\$89.96	\$43.82
819	27-Jan-10	9	4	\$49.64	Yes	\$89.96	\$40.32
820	27-Jan-10	9	5	\$48.58	Yes	\$89.96	\$41.38
821	27-Jan-10	9	6	\$48.58	Yes	\$89.96	\$41.38
822	27-Jan-10	9	7	\$49.94	Yes	\$89.96	\$40.02
823	27-Jan-10	9	8	\$51.34	Yes	\$89.96	\$38.62
824	27-Jan-10	9	9	\$49.94	Yes	\$89.96	\$40.02
825	27-Jan-10	9	10	\$52.43	Yes	\$89.96	\$37.53
826	27-Jan-10	9	11	\$51.65	Yes	\$89.96	\$38.31
827	27-Jan-10	9	12	\$52.43	Yes	\$89.96	\$37.53
828	27-Jan-10	10	1	\$47.92	Yes	\$89.96	\$42.04
829	27-Jan-10	10	2	\$47.92	Yes	\$89.96	\$42.04
830	27-Jan-10	10	3	\$47.92	Yes	\$89.96	\$42.04
831	27-Jan-10	10	4	\$50.51	Yes	\$89.96	\$39.45
832	27-Jan-10	10	5	\$51.43	Yes	\$89.96	\$38.53
833	27-Jan-10	10	6	\$51.43	Yes	\$89.96	\$38.53
834	27-Jan-10	10	7	\$51.51	Yes	\$89.96	\$38.45
835	27-Jan-10	10	8	\$52.80	Yes	\$89.96	\$37.16
836	27-Jan-10	10	9	\$52.80	Yes	\$89.96	\$37.16
837	27-Jan-10	10	10	\$52.51	Yes	\$89.96	\$37.45
838	27-Jan-10	10	11	\$52.51	Yes	\$89.96	\$37.45
839	27-Jan-10	10	12	\$52.12	Yes	\$89.96	\$37.84
840	27-Jan-10	11	1	\$50.13	Yes	\$89.96	\$39.83
841	27-Jan-10	11	2	\$48.60	Yes	\$89.96	\$41.36
842	27-Jan-10	11	3	\$48.60	Yes	\$89.96	\$41.36
843	27-Jan-10	11	4	\$48.42	Yes	\$89.96	\$41.54
844	27-Jan-10	11	5	\$48.42	Yes	\$89.96	\$41.54
845	27-Jan-10	11	6	\$48.42	Yes	\$89.96	\$41.54
846	27-Jan-10	11	7	\$49.42	Yes	\$89.96	\$40.54
847	27-Jan-10	11	8	\$49.42	Yes	\$89.96	\$40.54
848	27-Jan-10	11	9	\$49.42	Yes	\$89.96	\$40.54
849	27-Jan-10	11	10	\$48.82	Yes	\$89.96	\$41.14
850	27-Jan-10	11	11	\$48.82	Yes	\$89.96	\$41.14
851	27-Jan-10	11	12	\$50.77	Yes	\$89.96	\$39.19
852	27-Jan-10	12	1	\$56.54	Yes	\$89.96	\$33.42
853	27-Jan-10	12	2	\$64.46	Yes	\$89.96	\$25.50

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
854	27-Jan-10	12	3	\$56.67	Yes	\$89.96	\$33.29
855	27-Jan-10	12	4	\$55.94	Yes	\$89.96	\$34.02
856	27-Jan-10	12	5	\$55.94	Yes	\$89.96	\$34.02
857	27-Jan-10	12	6	\$53.42	Yes	\$89.96	\$36.54
858	27-Jan-10	12	7	\$61.16	Yes	\$89.96	\$28.80
859	27-Jan-10	12	8	\$57.80	Yes	\$89.96	\$32.16
860	27-Jan-10	12	9	\$49.02	Yes	\$89.96	\$40.94
861	27-Jan-10	12	10	\$63.15	Yes	\$89.96	\$26.81
862	27-Jan-10	12	11	\$57.67	Yes	\$89.96	\$32.29
863	27-Jan-10	12	12	\$60.31	Yes	\$89.96	\$29.65
864	27-Jan-10	13	1	\$61.40	Yes	\$89.96	\$28.56
865	27-Jan-10	13	2	\$48.24	Yes	\$89.96	\$41.72
866	27-Jan-10	13	3	\$48.24	Yes	\$89.96	\$41.72
867	27-Jan-10	13	4	\$48.60	Yes	\$89.96	\$41.36
868	27-Jan-10	13	5	\$45.55	Yes	\$89.96	\$44.41
869	27-Jan-10	13	6	\$43.01	Yes	\$89.96	\$46.95
870	27-Jan-10	13	7	\$42.73	Yes	\$89.96	\$47.23
871	27-Jan-10	13	8	\$42.06	Yes	\$89.96	\$47.90
872	27-Jan-10	13	9	\$42.73	Yes	\$89.96	\$47.23
873	27-Jan-10	13	10	\$42.76	Yes	\$89.96	\$47.20
874	27-Jan-10	13	11	\$47.97	Yes	\$89.96	\$41.99
875	27-Jan-10	13	12	\$42.76	Yes	\$89.96	\$47.20
876	27-Jan-10	14	1	\$45.12	Yes	\$89.96	\$44.84
877	27-Jan-10	14	2	\$43.03	Yes	\$89.96	\$46.93
878	27-Jan-10	14	3	\$42.68	Yes	\$89.96	\$47.28
879	27-Jan-10	14	4	\$41.95	Yes	\$89.96	\$48.01
880	27-Jan-10	14	5	\$41.95	Yes	\$89.96	\$48.01
881	27-Jan-10	14	6	\$41.95	Yes	\$89.96	\$48.01
882	27-Jan-10	14	7	\$41.82	Yes	\$89.96	\$48.14
883	27-Jan-10	14	8	\$41.82	Yes	\$89.96	\$48.14
884	27-Jan-10	14	9	\$41.73	Yes	\$89.96	\$48.23
885	27-Jan-10	14	10	\$41.21	Yes	\$89.96	\$48.75
886	27-Jan-10	14	11	\$41.24	Yes	\$89.96	\$48.72
887	27-Jan-10	14	12	\$41.59	Yes	\$89.96	\$48.37
888	27-Jan-10	15	1	\$44.30	Yes	\$89.96	\$45.66
889	27-Jan-10	15	2	\$44.63	Yes	\$89.96	\$45.33
890	27-Jan-10	15	3	\$44.63	Yes	\$89.96	\$45.33
891	27-Jan-10	15	4	\$44.16	Yes	\$89.96	\$45.80
892	27-Jan-10	15	5	\$44.16	Yes	\$89.96	\$45.80
893	27-Jan-10	15	6	\$44.16	Yes	\$89.96	\$45.80
894	27-Jan-10	15	7	\$44.07	Yes	\$89.96	\$45.89
895	27-Jan-10	15	8	\$44.11	Yes	\$89.96	\$45.85
896	27-Jan-10	15	9	\$44.11	Yes	\$89.96	\$45.85
897	27-Jan-10	15	10	\$42.81	Yes	\$89.96	\$47.15
898	27-Jan-10	15	11	\$42.81	Yes	\$89.96	\$47.15

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
899	27-Jan-10	15	12	\$43.75	Yes	\$89.96	\$46.21
900	27-Jan-10	16	1	\$41.58	Yes	\$89.96	\$48.38
901	27-Jan-10	16	2	\$42.10	Yes	\$89.96	\$47.86
902	27-Jan-10	16	3	\$42.10	Yes	\$89.96	\$47.86
903	27-Jan-10	16	4	\$41.33	Yes	\$89.96	\$48.63
904	27-Jan-10	16	5	\$41.33	Yes	\$89.96	\$48.63
905	27-Jan-10	16	6	\$41.33	Yes	\$89.96	\$48.63
906	27-Jan-10	16	7	\$41.48	Yes	\$89.96	\$48.48
907	27-Jan-10	16	8	\$41.48	Yes	\$89.96	\$48.48
908	27-Jan-10	16	9	\$41.42	Yes	\$89.96	\$48.54
909	27-Jan-10	16	10	\$40.89	Yes	\$89.96	\$49.07
910	27-Jan-10	16	11	\$40.89	Yes	\$89.96	\$49.07
911	27-Jan-10	16	12	\$41.85	Yes	\$89.96	\$48.11

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	8-Jan-10	1	1	\$47.35	Yes	\$63.61	\$16.26
2	8-Jan-10	1	2	\$43.98	Yes	\$63.61	\$19.63
3	8-Jan-10	1	3	\$42.43	Yes	\$63.61	\$21.18
4	8-Jan-10	1	4	\$42.87	Yes	\$63.61	\$20.74
5	8-Jan-10	1	5	\$42.87	Yes	\$63.61	\$20.74
6	8-Jan-10	1	6	\$42.88	Yes	\$63.61	\$20.73
7	8-Jan-10	1	7	\$42.73	Yes	\$63.61	\$20.88
8	8-Jan-10	1	8	\$42.73	Yes	\$63.61	\$20.88
9	8-Jan-10	1	9	\$42.11	Yes	\$63.61	\$21.50
10	8-Jan-10	1	10	\$42.08	Yes	\$63.61	\$21.53
11	8-Jan-10	1	11	\$41.73	Yes	\$63.61	\$21.88
12	8-Jan-10	1	12	\$40.64	Yes	\$63.61	\$22.97
13	8-Jan-10	2	1	\$42.65	Yes	\$63.61	\$20.96
14	8-Jan-10	2	2	\$42.86	Yes	\$63.61	\$20.75
15	8-Jan-10	2	3	\$42.05	Yes	\$63.61	\$21.56
16	8-Jan-10	2	4	\$41.48	Yes	\$63.61	\$22.13
17	8-Jan-10	2	5	\$41.17	Yes	\$63.61	\$22.44
18	8-Jan-10	2	6	\$40.75	Yes	\$63.61	\$22.86
19	8-Jan-10	2	7	\$40.61	Yes	\$63.61	\$23.00
20	8-Jan-10	2	8	\$40.61	Yes	\$63.61	\$23.00
21	8-Jan-10	2	9	\$40.04	Yes	\$63.61	\$23.57
22	8-Jan-10	2	10	\$41.04	Yes	\$63.61	\$22.57
23	8-Jan-10	2	11	\$40.64	Yes	\$63.61	\$22.97
24	8-Jan-10	2	12	\$40.58	Yes	\$63.61	\$23.03

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
25	8-Jan-10	3	1	\$40.55	Yes	\$63.61	\$23.06
26	8-Jan-10	3	2	\$39.75	Yes	\$63.61	\$23.86
27	8-Jan-10	3	3	\$38.84	Yes	\$63.61	\$24.77
28	8-Jan-10	3	4	\$38.83	Yes	\$63.61	\$24.78
29	8-Jan-10	3	5	\$36.83	Yes	\$63.61	\$26.78
30	8-Jan-10	3	6	\$36.83	Yes	\$63.61	\$26.78
31	8-Jan-10	3	7	\$36.83	Yes	\$63.61	\$26.78
32	8-Jan-10	3	8	\$36.83	Yes	\$63.61	\$26.78
33	8-Jan-10	3	9	\$36.83	Yes	\$63.61	\$26.78
34	8-Jan-10	3	10	\$36.79	Yes	\$63.61	\$26.82
35	8-Jan-10	3	11	\$36.79	Yes	\$63.61	\$26.82
36	8-Jan-10	3	12	\$37.40	Yes	\$63.61	\$26.21
37	8-Jan-10	4	1	\$39.78	Yes	\$63.61	\$23.83
38	8-Jan-10	4	2	\$38.86	Yes	\$63.61	\$24.75
39	8-Jan-10	4	3	\$39.78	Yes	\$63.61	\$23.83
40	8-Jan-10	4	4	\$39.96	Yes	\$63.61	\$23.65
41	8-Jan-10	4	5	\$38.90	Yes	\$63.61	\$24.71
42	8-Jan-10	4	6	\$38.90	Yes	\$63.61	\$24.71
43	8-Jan-10	4	7	\$38.97	Yes	\$63.61	\$24.64
44	8-Jan-10	4	8	\$38.97	Yes	\$63.61	\$24.64
45	8-Jan-10	4	9	\$39.81	Yes	\$63.61	\$23.80
46	8-Jan-10	4	10	\$39.99	Yes	\$63.61	\$23.62
47	8-Jan-10	4	11	\$39.97	Yes	\$63.61	\$23.64
48	8-Jan-10	4	12	\$39.00	Yes	\$63.61	\$24.61
49	8-Jan-10	5	1	\$37.49	Yes	\$63.61	\$26.12
50	8-Jan-10	5	2	\$38.66	Yes	\$63.61	\$24.95
51	8-Jan-10	5	3	\$37.49	Yes	\$63.61	\$26.12
52	8-Jan-10	5	4	\$38.79	Yes	\$63.61	\$24.82
53	8-Jan-10	5	5	\$38.87	Yes	\$63.61	\$24.74
54	8-Jan-10	5	6	\$38.87	Yes	\$63.61	\$24.74
55	8-Jan-10	5	7	\$39.00	Yes	\$63.61	\$24.61
56	8-Jan-10	5	8	\$39.85	Yes	\$63.61	\$23.76
57	8-Jan-10	5	9	\$39.28	Yes	\$63.61	\$24.33
58	8-Jan-10	5	10	\$40.07	Yes	\$63.61	\$23.54
59	8-Jan-10	5	11	\$40.27	Yes	\$63.61	\$23.34
60	8-Jan-10	5	12	\$42.16	Yes	\$63.61	\$21.45
61	8-Jan-10	6	1	\$30.85	Yes	\$63.61	\$32.76
62	8-Jan-10	6	2	\$38.93	Yes	\$63.61	\$24.68
63	8-Jan-10	6	3	\$42.69	Yes	\$63.61	\$20.92
64	8-Jan-10	6	4	\$44.04	Yes	\$63.61	\$19.57
65	8-Jan-10	6	5	\$44.26	Yes	\$63.61	\$19.35
66	8-Jan-10	6	6	\$44.04	Yes	\$63.61	\$19.57
67	8-Jan-10	6	7	\$43.32	Yes	\$63.61	\$20.29
68	8-Jan-10	6	8	\$47.18	Yes	\$63.61	\$16.43
69	8-Jan-10	6	9	\$47.56	Yes	\$63.61	\$16.05

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
70	8-Jan-10	6	10	\$50.12	Yes	\$63.61	\$13.49
71	8-Jan-10	6	11	\$53.48	Yes	\$63.61	\$10.13
72	8-Jan-10	6	12	\$53.48	Yes	\$63.61	\$10.13
73	8-Jan-10	7	1	\$26.39	Yes	\$63.61	\$37.22
74	8-Jan-10	7	2	\$29.48	Yes	\$63.61	\$34.13
75	8-Jan-10	7	3	\$40.49	Yes	\$63.61	\$23.12
76	8-Jan-10	7	4	\$41.01	Yes	\$63.61	\$22.60
77	8-Jan-10	7	5	\$43.13	Yes	\$63.61	\$20.48
78	8-Jan-10	7	6	\$43.95	Yes	\$63.61	\$19.66
79	8-Jan-10	7	7	\$44.15	Yes	\$63.61	\$19.46
80	8-Jan-10	7	8	\$47.29	Yes	\$63.61	\$16.32
81	8-Jan-10	7	9	\$52.85	Yes	\$63.61	\$10.76
82	8-Jan-10	7	10	\$57.69	Yes	\$63.61	\$5.92
83	8-Jan-10	7	11	\$58.87	Yes	\$63.61	\$4.74
84	8-Jan-10	7	12	\$63.88	Yes	\$63.61	-\$0.27
85	8-Jan-10	8	1	\$55.09	Yes	\$63.61	\$8.52
86	8-Jan-10	8	2	\$57.51	Yes	\$63.61	\$6.10
87	8-Jan-10	8	3	\$57.51	Yes	\$63.61	\$6.10
88	8-Jan-10	8	4	\$58.92	Yes	\$63.61	\$4.69
89	8-Jan-10	8	5	\$58.92	Yes	\$63.61	\$4.69
90	8-Jan-10	8	6	\$58.92	Yes	\$63.61	\$4.69
91	8-Jan-10	8	7	\$58.94	Yes	\$63.61	\$4.67
92	8-Jan-10	8	8	\$58.94	Yes	\$63.61	\$4.67
93	8-Jan-10	8	9	\$58.94	Yes	\$63.61	\$4.67
94	8-Jan-10	8	10	\$61.04	Yes	\$63.61	\$2.57
95	8-Jan-10	8	11	\$61.04	Yes	\$63.61	\$2.57
96	8-Jan-10	8	12	\$59.00	Yes	\$63.61	\$4.61
97	8-Jan-10	9	1	\$57.88	Yes	\$63.61	\$5.73
98	8-Jan-10	9	2	\$55.31	Yes	\$63.61	\$8.30
99	8-Jan-10	9	3	\$57.88	Yes	\$63.61	\$5.73
100	8-Jan-10	9	4	\$55.27	Yes	\$63.61	\$8.34
101	8-Jan-10	9	5	\$55.27	Yes	\$63.61	\$8.34
102	8-Jan-10	9	6	\$57.84	Yes	\$63.61	\$5.77
103	8-Jan-10	9	7	\$57.78	Yes	\$63.61	\$5.83
104	8-Jan-10	9	8	\$57.78	Yes	\$63.61	\$5.83
105	8-Jan-10	9	9	\$59.09	Yes	\$63.61	\$4.52
106	8-Jan-10	9	10	\$59.18	Yes	\$63.61	\$4.43
107	8-Jan-10	9	11	\$57.85	Yes	\$63.61	\$5.76
108	8-Jan-10	9	12	\$49.08	Yes	\$63.61	\$14.53
109	8-Jan-10	10	1	\$53.94	Yes	\$63.61	\$9.67
110	8-Jan-10	10	2	\$47.68	Yes	\$63.61	\$15.93
111	8-Jan-10	10	3	\$47.68	Yes	\$63.61	\$15.93
112	8-Jan-10	10	4	\$47.68	Yes	\$63.61	\$15.93
113	8-Jan-10	10	5	\$47.68	Yes	\$63.61	\$15.93
114	8-Jan-10	10	6	\$47.77	Yes	\$63.61	\$15.84

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
115	8-Jan-10	10	7	\$53.44	Yes	\$63.61	\$10.17
116	8-Jan-10	10	8	\$53.87	Yes	\$63.61	\$9.74
117	8-Jan-10	10	9	\$55.44	Yes	\$63.61	\$8.17
118	8-Jan-10	10	10	\$55.49	Yes	\$63.61	\$8.12
119	8-Jan-10	10	11	\$55.49	Yes	\$63.61	\$8.12
120	8-Jan-10	10	12	\$54.01	Yes	\$63.61	\$9.60
121	8-Jan-10	11	1	\$53.95	Yes	\$63.61	\$9.66
122	8-Jan-10	11	2	\$53.83	Yes	\$63.61	\$9.78
123	8-Jan-10	11	3	\$53.91	Yes	\$63.61	\$9.70
124	8-Jan-10	11	4	\$55.59	Yes	\$63.61	\$8.02
125	8-Jan-10	11	5	\$55.59	Yes	\$63.61	\$8.02
126	8-Jan-10	11	6	\$58.06	Yes	\$63.61	\$5.55
127	8-Jan-10	11	7	\$58.09	Yes	\$63.61	\$5.52
128	8-Jan-10	11	8	\$58.09	Yes	\$63.61	\$5.52
129	8-Jan-10	11	9	\$58.09	Yes	\$63.61	\$5.52
130	8-Jan-10	11	10	\$58.21	Yes	\$63.61	\$5.40
131	8-Jan-10	11	11	\$58.21	Yes	\$63.61	\$5.40
132	8-Jan-10	11	12	\$59.58	Yes	\$63.61	\$4.03
133	8-Jan-10	12	1	\$59.54	Yes	\$63.61	\$4.07
134	8-Jan-10	12	2	\$59.54	Yes	\$63.61	\$4.07
135	8-Jan-10	12	3	\$59.54	Yes	\$63.61	\$4.07
136	8-Jan-10	12	4	\$59.47	Yes	\$63.61	\$4.14
137	8-Jan-10	12	5	\$59.47	Yes	\$63.61	\$4.14
138	8-Jan-10	12	6	\$59.47	Yes	\$63.61	\$4.14
139	8-Jan-10	12	7	\$59.44	Yes	\$63.61	\$4.17
140	8-Jan-10	12	8	\$59.44	Yes	\$63.61	\$4.17
141	8-Jan-10	12	9	\$59.44	Yes	\$63.61	\$4.17
142	8-Jan-10	12	10	\$59.59	Yes	\$63.61	\$4.02
143	8-Jan-10	12	11	\$59.59	Yes	\$63.61	\$4.02
144	8-Jan-10	12	12	\$59.59	Yes	\$63.61	\$4.02
145	8-Jan-10	13	1	\$59.63	Yes	\$63.61	\$3.98
146	8-Jan-10	13	2	\$59.63	Yes	\$63.61	\$3.98
147	8-Jan-10	13	3	\$59.63	Yes	\$63.61	\$3.98
148	8-Jan-10	13	4	\$59.53	Yes	\$63.61	\$4.08
149	8-Jan-10	13	5	\$59.53	Yes	\$63.61	\$4.08
150	8-Jan-10	13	6	\$58.04	Yes	\$63.61	\$5.57
151	8-Jan-10	13	7	\$58.14	Yes	\$63.61	\$5.47
152	8-Jan-10	13	8	\$58.14	Yes	\$63.61	\$5.47
153	8-Jan-10	13	9	\$59.60	Yes	\$63.61	\$4.01
154	8-Jan-10	13	10	\$59.63	Yes	\$63.61	\$3.98
155	8-Jan-10	13	11	\$59.63	Yes	\$63.61	\$3.98
156	8-Jan-10	13	12	\$59.63	Yes	\$63.61	\$3.98
157	8-Jan-10	14	1	\$59.65	Yes	\$63.61	\$3.96
158	8-Jan-10	14	2	\$59.65	Yes	\$63.61	\$3.96
159	8-Jan-10	14	3	\$59.65	Yes	\$63.61	\$3.96

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
160	8-Jan-10	14	4	\$59.64	Yes	\$63.61	\$3.97
161	8-Jan-10	14	5	\$59.64	Yes	\$63.61	\$3.97
162	8-Jan-10	14	6	\$59.64	Yes	\$63.61	\$3.97
163	8-Jan-10	14	7	\$59.62	Yes	\$63.61	\$3.99
164	8-Jan-10	14	8	\$55.72	Yes	\$63.61	\$7.89
165	8-Jan-10	14	9	\$55.72	Yes	\$63.61	\$7.89
166	8-Jan-10	14	10	\$54.50	Yes	\$63.61	\$9.11
167	8-Jan-10	14	11	\$55.67	Yes	\$63.61	\$7.94
168	8-Jan-10	14	12	\$55.67	Yes	\$63.61	\$7.94
169	8-Jan-10	15	1	\$59.55	Yes	\$63.61	\$4.06
170	8-Jan-10	15	2	\$59.55	Yes	\$63.61	\$4.06
171	8-Jan-10	15	3	\$59.55	Yes	\$63.61	\$4.06
172	8-Jan-10	15	4	\$59.22	Yes	\$63.61	\$4.39
173	8-Jan-10	15	5	\$58.14	Yes	\$63.61	\$5.47
174	8-Jan-10	15	6	\$59.50	Yes	\$63.61	\$4.11
175	8-Jan-10	15	7	\$59.48	Yes	\$63.61	\$4.13
176	8-Jan-10	15	8	\$58.03	Yes	\$63.61	\$5.58
177	8-Jan-10	15	9	\$58.03	Yes	\$63.61	\$5.58
178	8-Jan-10	15	10	\$57.96	Yes	\$63.61	\$5.65
179	8-Jan-10	15	11	\$55.61	Yes	\$63.61	\$8.00
180	8-Jan-10	15	12	\$55.61	Yes	\$63.61	\$8.00
181	8-Jan-10	16	1	\$55.63	Yes	\$63.61	\$7.98
182	8-Jan-10	16	2	\$55.57	Yes	\$63.61	\$8.04
183	8-Jan-10	16	3	\$55.57	Yes	\$63.61	\$8.04
184	8-Jan-10	16	4	\$53.80	Yes	\$63.61	\$9.81
185	8-Jan-10	16	5	\$53.80	Yes	\$63.61	\$9.81
186	8-Jan-10	16	6	\$53.80	Yes	\$63.61	\$9.81
187	8-Jan-10	16	7	\$53.57	Yes	\$63.61	\$10.04
188	8-Jan-10	16	8	\$53.57	Yes	\$63.61	\$10.04
189	8-Jan-10	16	9	\$53.70	Yes	\$63.61	\$9.91
190	8-Jan-10	16	10	\$53.61	Yes	\$63.61	\$10.00
191	8-Jan-10	16	11	\$55.61	Yes	\$63.61	\$8.00
192	8-Jan-10	16	12	\$59.50	Yes	\$63.61	\$4.11
193	8-Jan-10	17	1	\$43.20	Yes	\$63.61	\$20.41
194	8-Jan-10	17	2	\$44.03	Yes	\$63.61	\$19.58
195	8-Jan-10	17	3	\$46.28	Yes	\$63.61	\$17.33
196	8-Jan-10	17	4	\$46.28	Yes	\$63.61	\$17.33
197	8-Jan-10	17	5	\$47.27	Yes	\$63.61	\$16.34
198	8-Jan-10	17	6	\$48.25	Yes	\$63.61	\$15.36
199	8-Jan-10	17	7	\$50.72	Yes	\$63.61	\$12.89
200	8-Jan-10	17	8	\$53.83	Yes	\$63.61	\$9.78
201	8-Jan-10	17	9	\$55.71	Yes	\$63.61	\$7.90
202	8-Jan-10	17	10	\$58.45	Yes	\$63.61	\$5.16
203	8-Jan-10	17	11	\$59.70	Yes	\$63.61	\$3.91
204	8-Jan-10	17	12	\$57.68	Yes	\$63.61	\$5.93

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
205	8-Jan-10	18	1	\$42.73	Yes	\$63.61	\$20.88
206	8-Jan-10	18	2	\$42.73	Yes	\$63.61	\$20.88
207	8-Jan-10	18	3	\$44.71	Yes	\$63.61	\$18.90
208	8-Jan-10	18	4	\$45.41	Yes	\$63.61	\$18.20
209	8-Jan-10	18	5	\$46.66	Yes	\$63.61	\$16.95
210	8-Jan-10	18	6	\$46.66	Yes	\$63.61	\$16.95
211	8-Jan-10	18	7	\$48.27	Yes	\$63.61	\$15.34
212	8-Jan-10	18	8	\$53.71	Yes	\$63.61	\$9.90
213	8-Jan-10	18	9	\$60.08	Yes	\$63.61	\$3.53
214	8-Jan-10	18	10	\$56.05	Yes	\$63.61	\$7.56
215	8-Jan-10	18	11	\$56.05	Yes	\$63.61	\$7.56
216	8-Jan-10	18	12	\$59.98	Yes	\$63.61	\$3.63
217	8-Jan-10	19	1	\$59.89	Yes	\$63.61	\$3.72
218	8-Jan-10	19	2	\$63.27	Yes	\$63.61	\$0.34
219	8-Jan-10	19	3	\$63.27	Yes	\$63.61	\$0.34
220	8-Jan-10	19	4	\$62.87	Yes	\$63.61	\$0.74
221	8-Jan-10	19	5	\$59.85	Yes	\$63.61	\$3.76
222	8-Jan-10	19	6	\$59.85	Yes	\$63.61	\$3.76
223	8-Jan-10	19	7	\$59.77	Yes	\$63.61	\$3.84
224	8-Jan-10	19	8	\$55.86	Yes	\$63.61	\$7.75
225	8-Jan-10	19	9	\$55.86	Yes	\$63.61	\$7.75
226	8-Jan-10	19	10	\$53.18	Yes	\$63.61	\$10.43
227	8-Jan-10	19	11	\$53.18	Yes	\$63.61	\$10.43
228	8-Jan-10	19	12	\$53.00	Yes	\$63.61	\$10.61
229	8-Jan-10	20	1	\$60.62	Yes	\$63.61	\$2.99
230	8-Jan-10	20	2	\$59.72	Yes	\$63.61	\$3.89
231	8-Jan-10	20	3	\$59.72	Yes	\$63.61	\$3.89
232	8-Jan-10	20	4	\$59.68	Yes	\$63.61	\$3.93
233	8-Jan-10	20	5	\$59.68	Yes	\$63.61	\$3.93
234	8-Jan-10	20	6	\$58.70	Yes	\$63.61	\$4.91
235	8-Jan-10	20	7	\$56.65	Yes	\$63.61	\$6.96
236	8-Jan-10	20	8	\$56.65	Yes	\$63.61	\$6.96
237	8-Jan-10	20	9	\$55.75	Yes	\$63.61	\$7.86
238	8-Jan-10	20	10	\$51.28	Yes	\$63.61	\$12.33
239	8-Jan-10	20	11	\$49.47	Yes	\$63.61	\$14.14
240	8-Jan-10	20	12	\$55.68	Yes	\$63.61	\$7.93
241	8-Jan-10	21	1	\$59.61	Yes	\$63.61	\$4.00
242	8-Jan-10	21	2	\$59.61	Yes	\$63.61	\$4.00
243	8-Jan-10	21	3	\$59.61	Yes	\$63.61	\$4.00
244	8-Jan-10	21	4	\$59.55	Yes	\$63.61	\$4.06
245	8-Jan-10	21	5	\$58.34	Yes	\$63.61	\$5.27
246	8-Jan-10	21	6	\$57.03	Yes	\$63.61	\$6.58
247	8-Jan-10	21	7	\$55.57	Yes	\$63.61	\$8.04
248	8-Jan-10	21	8	\$48.75	Yes	\$63.61	\$14.86
249	8-Jan-10	21	9	\$47.78	Yes	\$63.61	\$15.83

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
250	8-Jan-10	21	10	\$45.11	Yes	\$63.61	\$18.50
251	8-Jan-10	21	11	\$44.64	Yes	\$63.61	\$18.97
252	8-Jan-10	21	12	\$44.28	Yes	\$63.61	\$19.33
253	8-Jan-10	22	1	\$73.51	Yes	\$63.61	-\$9.90
254	8-Jan-10	22	2	\$66.84	Yes	\$63.61	-\$3.23
255	8-Jan-10	22	3	\$63.43	Yes	\$63.61	\$0.18
256	8-Jan-10	22	4	\$59.32	Yes	\$63.61	\$4.29
257	8-Jan-10	22	5	\$59.32	Yes	\$63.61	\$4.29
258	8-Jan-10	22	6	\$58.11	Yes	\$63.61	\$5.50
259	8-Jan-10	22	7	\$55.32	Yes	\$63.61	\$8.29
260	8-Jan-10	22	8	\$47.57	Yes	\$63.61	\$16.05
261	8-Jan-10	22	9	\$45.12	Yes	\$63.61	\$18.49
262	8-Jan-10	22	10	\$44.48	Yes	\$63.61	\$19.13
263	8-Jan-10	22	11	\$43.84	Yes	\$63.61	\$19.77
264	8-Jan-10	22	12	\$43.06	Yes	\$63.61	\$20.55
265	8-Jan-10	23	1	\$69.29	Yes	\$63.61	-\$5.68
266	8-Jan-10	23	2	\$68.41	Yes	\$63.61	-\$4.80
267	8-Jan-10	23	3	\$55.27	Yes	\$63.61	\$8.34
268	8-Jan-10	23	4	\$59.07	Yes	\$63.61	\$4.54
269	8-Jan-10	23	5	\$59.07	Yes	\$63.61	\$4.54
270	8-Jan-10	23	6	\$59.07	Yes	\$63.61	\$4.54
271	8-Jan-10	23	7	\$58.94	Yes	\$63.61	\$4.67
272	8-Jan-10	23	8	\$55.08	Yes	\$63.61	\$8.53
273	8-Jan-10	23	9	\$47.36	Yes	\$63.61	\$16.25
274	8-Jan-10	23	10	\$47.32	Yes	\$63.61	\$16.29
275	8-Jan-10	23	11	\$43.87	Yes	\$63.61	\$19.74
276	8-Jan-10	23	12	\$42.97	Yes	\$63.61	\$20.64
277	8-Jan-10	24	1	\$67.52	Yes	\$63.61	-\$3.91
278	8-Jan-10	24	2	\$64.01	Yes	\$63.61	-\$0.40
279	8-Jan-10	24	3	\$43.26	Yes	\$63.61	\$20.35
280	8-Jan-10	24	4	\$47.35	Yes	\$63.61	\$16.26
281	8-Jan-10	24	5	\$46.55	Yes	\$63.61	\$17.06
282	8-Jan-10	24	6	\$43.11	Yes	\$63.61	\$20.50
283	8-Jan-10	24	7	\$41.87	Yes	\$63.61	\$21.74
284	8-Jan-10	24	8	\$39.91	Yes	\$63.61	\$23.70
285	8-Jan-10	24	9	\$39.68	Yes	\$63.61	\$23.93
286	8-Jan-10	24	10	\$39.58	Yes	\$63.61	\$24.03
287	8-Jan-10	24	11	\$38.67	Yes	\$63.61	\$24.94
288	8-Jan-10	24	12	\$29.62	Yes	\$63.61	\$33.99
289	11-Jan-10	6	1	\$17.55	Yes	\$58.68	\$41.13
290	11-Jan-10	6	2	\$24.87	Yes	\$58.68	\$33.81
291	11-Jan-10	6	3	\$28.05	Yes	\$58.68	\$30.63
292	11-Jan-10	6	4	\$39.16	Yes	\$58.68	\$19.52
293	11-Jan-10	6	5	\$39.16	Yes	\$58.68	\$19.52
294	11-Jan-10	6	6	\$42.10	Yes	\$58.68	\$16.58

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
295	11-Jan-10	6	7	\$42.02	Yes	\$58.68	\$16.66
296	11-Jan-10	6	8	\$41.39	Yes	\$58.68	\$17.29
297	11-Jan-10	6	9	\$42.52	Yes	\$58.68	\$16.16
298	11-Jan-10	6	10	\$48.07	Yes	\$58.68	\$10.61
299	11-Jan-10	6	11	\$54.03	Yes	\$58.68	\$4.65
300	11-Jan-10	6	12	\$70.35	Yes	\$58.68	-\$11.67
301	11-Jan-10	7	1	\$29.17	Yes	\$58.68	\$29.51
302	11-Jan-10	7	2	\$40.70	Yes	\$58.68	\$17.98
303	11-Jan-10	7	3	\$43.14	Yes	\$58.68	\$15.54
304	11-Jan-10	7	4	\$43.18	Yes	\$58.68	\$15.50
305	11-Jan-10	7	5	\$46.47	Yes	\$58.68	\$12.21
306	11-Jan-10	7	6	\$47.35	Yes	\$58.68	\$11.33
307	11-Jan-10	7	7	\$48.43	Yes	\$58.68	\$10.25
308	11-Jan-10	7	8	\$62.18	Yes	\$58.68	-\$3.50
309	11-Jan-10	7	9	\$72.30	Yes	\$58.68	-\$13.62
310	11-Jan-10	7	10	\$73.50	Yes	\$58.68	-\$14.82
311	11-Jan-10	7	11	\$84.20	Yes	\$58.68	-\$25.52
312	11-Jan-10	7	12	\$600.43	Yes	\$58.68	-\$541.75
313	11-Jan-10	8	1	\$82.52	Yes	\$58.31	-\$24.21
314	11-Jan-10	8	2	\$76.66	Yes	\$58.31	-\$18.35
315	11-Jan-10	8	3	\$76.68	Yes	\$58.31	-\$18.37
316	11-Jan-10	8	4	\$72.89	Yes	\$58.31	-\$14.58
317	11-Jan-10	8	5	\$72.89	Yes	\$58.31	-\$14.58
318	11-Jan-10	8	6	\$84.15	Yes	\$58.31	-\$25.84
319	11-Jan-10	8	7	\$68.04	Yes	\$58.31	-\$9.73
320	11-Jan-10	8	8	\$73.06	Yes	\$58.31	-\$14.75
321	11-Jan-10	8	9	\$71.72	Yes	\$58.31	-\$13.41
322	11-Jan-10	8	10	\$68.58	Yes	\$58.31	-\$10.27
323	11-Jan-10	8	11	\$68.58	Yes	\$58.31	-\$10.27
324	11-Jan-10	8	12	\$68.58	Yes	\$58.31	-\$10.27
325	11-Jan-10	17	1	\$42.00	Yes	\$58.68	\$16.68
326	11-Jan-10	17	2	\$41.85	Yes	\$58.68	\$16.83
327	11-Jan-10	17	3	\$42.76	Yes	\$58.68	\$15.92
328	11-Jan-10	17	4	\$42.87	Yes	\$58.68	\$15.81
329	11-Jan-10	17	5	\$44.07	Yes	\$58.68	\$14.61
330	11-Jan-10	17	6	\$45.91	Yes	\$58.68	\$12.77
331	11-Jan-10	17	7	\$51.69	Yes	\$58.68	\$6.99
332	11-Jan-10	17	8	\$52.95	Yes	\$58.68	\$5.73
333	11-Jan-10	17	9	\$70.26	Yes	\$58.68	-\$11.58
334	11-Jan-10	17	10	\$69.21	Yes	\$58.68	-\$10.53
335	11-Jan-10	17	11	\$73.04	Yes	\$58.68	-\$14.36
336	11-Jan-10	17	12	\$74.77	Yes	\$58.68	-\$16.09
337	11-Jan-10	18	1	\$50.49	Yes	\$58.68	\$8.19
338	11-Jan-10	18	2	\$47.98	Yes	\$58.68	\$10.70
339	11-Jan-10	18	3	\$47.98	Yes	\$58.68	\$10.70

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
340	11-Jan-10	18	4	\$49.19	Yes	\$58.68	\$9.49
341	11-Jan-10	18	5	\$51.94	Yes	\$58.68	\$6.74
342	11-Jan-10	18	6	\$82.92	Yes	\$58.68	-\$24.24
343	11-Jan-10	18	7	\$66.49	Yes	\$58.68	-\$7.81
344	11-Jan-10	18	8	\$86.99	Yes	\$58.68	-\$28.31
345	11-Jan-10	18	9	\$128.18	Yes	\$58.68	-\$69.50
346	11-Jan-10	18	10	\$98.48	Yes	\$58.68	-\$39.80
347	11-Jan-10	18	11	\$87.04	Yes	\$58.68	-\$28.36
348	11-Jan-10	18	12	\$73.58	Yes	\$58.68	-\$14.90
349	11-Jan-10	19	1	\$67.47	Yes	\$58.68	-\$8.79
350	11-Jan-10	19	2	\$66.82	Yes	\$58.68	-\$8.14
351	11-Jan-10	19	3	\$51.98	Yes	\$58.68	\$6.70
352	11-Jan-10	19	4	\$56.23	Yes	\$58.68	\$2.45
353	11-Jan-10	19	5	\$50.62	Yes	\$58.68	\$8.06
354	11-Jan-10	19	6	\$50.62	Yes	\$58.68	\$8.06
355	11-Jan-10	19	7	\$53.15	Yes	\$58.68	\$5.53
356	11-Jan-10	19	8	\$50.59	Yes	\$58.68	\$8.09
357	11-Jan-10	19	9	\$50.59	Yes	\$58.68	\$8.09
358	11-Jan-10	19	10	\$49.13	Yes	\$58.68	\$9.55
359	11-Jan-10	19	11	\$49.36	Yes	\$58.68	\$9.32
360	11-Jan-10	19	12	\$50.62	Yes	\$58.68	\$8.06
361	11-Jan-10	20	1	\$98.33	Yes	\$58.68	-\$39.65
362	11-Jan-10	20	2	\$73.47	Yes	\$58.68	-\$14.79
363	11-Jan-10	20	3	\$62.01	Yes	\$58.68	-\$3.33
364	11-Jan-10	20	4	\$64.96	Yes	\$58.68	-\$6.28
365	11-Jan-10	20	5	\$62.02	Yes	\$58.68	-\$3.34
366	11-Jan-10	20	6	\$53.15	Yes	\$58.68	\$5.53
367	11-Jan-10	20	7	\$81.15	Yes	\$58.68	-\$22.47
368	11-Jan-10	20	8	\$63.71	Yes	\$58.68	-\$5.03
369	11-Jan-10	20	9	\$62.17	Yes	\$58.68	-\$3.49
370	11-Jan-10	20	10	\$62.14	Yes	\$58.68	-\$3.46
371	11-Jan-10	20	11	\$51.77	Yes	\$58.68	\$6.91
372	11-Jan-10	20	12	\$51.77	Yes	\$58.68	\$6.91
373	12-Jan-10	7	10	\$49.48	Yes	\$56.87	\$7.39
374	12-Jan-10	7	11	\$68.88	Yes	\$56.87	-\$12.01
375	12-Jan-10	7	12	\$82.72	Yes	\$56.87	-\$25.85
376	12-Jan-10	8	1	\$68.39	Yes	\$56.87	-\$11.52
377	12-Jan-10	8	2	\$68.39	Yes	\$56.87	-\$11.52
378	12-Jan-10	8	3	\$60.58	Yes	\$56.87	-\$3.71
379	12-Jan-10	8	4	\$486.86	Yes	\$56.87	-\$429.99
380	12-Jan-10	8	5	\$82.39	Yes	\$56.87	-\$25.52
381	12-Jan-10	8	6	\$82.49	Yes	\$56.87	-\$25.62
382	12-Jan-10	8	7	\$82.79	Yes	\$56.87	-\$25.92
383	12-Jan-10	8	8	\$82.66	Yes	\$56.87	-\$25.79
384	12-Jan-10	8	9	\$75.71	Yes	\$56.87	-\$18.84

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
385	12-Jan-10	8	10	\$67.31	Yes	\$56.87	-\$10.44
386	12-Jan-10	8	11	\$71.91	Yes	\$56.87	-\$15.04
387	12-Jan-10	8	12	\$49.34	Yes	\$56.87	\$7.53
388	12-Jan-10	9	1	\$38.55	Yes	\$56.87	\$18.32
389	12-Jan-10	9	2	\$40.77	Yes	\$56.87	\$16.10
390	12-Jan-10	9	3	\$41.95	Yes	\$56.87	\$14.92
391	12-Jan-10	9	4	\$44.12	Yes	\$56.87	\$12.75
392	12-Jan-10	9	5	\$50.32	Yes	\$56.87	\$6.55
393	12-Jan-10	9	6	\$56.64	Yes	\$56.87	\$0.23
394	12-Jan-10	9	7	\$56.78	Yes	\$56.87	\$0.09
395	12-Jan-10	9	8	\$57.37	Yes	\$56.87	-\$0.50
396	12-Jan-10	9	9	\$50.40	Yes	\$56.87	\$6.47
397	12-Jan-10	9	10	\$44.03	Yes	\$56.87	\$12.84
398	12-Jan-10	9	11	\$50.39	Yes	\$56.87	\$6.48
399	12-Jan-10	9	12	\$55.42	Yes	\$56.87	\$1.45
400	12-Jan-10	10	1	\$55.82	Yes	\$56.87	\$1.05
401	12-Jan-10	10	2	\$44.31	Yes	\$56.87	\$12.56
402	12-Jan-10	10	3	\$49.68	Yes	\$56.87	\$7.19
403	12-Jan-10	10	4	\$47.32	Yes	\$56.87	\$9.55
404	12-Jan-10	10	5	\$49.61	Yes	\$56.87	\$7.26
405	12-Jan-10	10	6	\$47.32	Yes	\$56.87	\$9.55
406	12-Jan-10	10	7	\$47.28	Yes	\$56.87	\$9.59
407	12-Jan-10	10	8	\$49.57	Yes	\$56.87	\$7.30
408	12-Jan-10	10	9	\$57.30	Yes	\$56.87	-\$0.43
409	12-Jan-10	10	10	\$56.11	Yes	\$56.87	\$0.76
410	12-Jan-10	10	11	\$58.59	Yes	\$56.87	-\$1.72
411	12-Jan-10	10	12	\$58.59	Yes	\$56.87	-\$1.72
412	12-Jan-10	11	1	\$56.76	Yes	\$56.87	\$0.11
413	12-Jan-10	11	2	\$49.69	Yes	\$56.87	\$7.18
414	12-Jan-10	11	3	\$56.22	Yes	\$56.87	\$0.65
415	12-Jan-10	11	4	\$56.77	Yes	\$56.87	\$0.10
416	12-Jan-10	11	5	\$61.05	Yes	\$56.87	-\$4.18
417	12-Jan-10	11	6	\$61.05	Yes	\$56.87	-\$4.18
418	12-Jan-10	11	7	\$44.49	Yes	\$56.87	\$12.38
419	12-Jan-10	11	8	\$44.49	Yes	\$56.87	\$12.38
420	12-Jan-10	11	9	\$44.49	Yes	\$56.87	\$12.38
421	12-Jan-10	11	10	\$44.58	Yes	\$56.87	\$12.29
422	12-Jan-10	11	11	\$47.40	Yes	\$56.87	\$9.47
423	12-Jan-10	11	12	\$47.40	Yes	\$56.87	\$9.47
424	12-Jan-10	12	1	\$47.37	Yes	\$56.87	\$9.50
425	12-Jan-10	12	2	\$58.60	Yes	\$56.87	-\$1.73
426	12-Jan-10	12	3	\$57.12	Yes	\$56.87	-\$0.25
427	12-Jan-10	12	4	\$132.76	Yes	\$56.87	-\$75.89
428	12-Jan-10	12	5	\$85.04	Yes	\$56.87	-\$28.17
429	12-Jan-10	12	6	\$84.64	Yes	\$56.87	-\$27.77

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
430	12-Jan-10	12	7	\$68.69	Yes	\$56.87	-\$11.82
431	12-Jan-10	12	8	\$68.18	Yes	\$56.87	-\$11.31
432	12-Jan-10	12	9	\$132.84	Yes	\$56.87	-\$75.97
433	12-Jan-10	12	10	\$68.15	Yes	\$56.87	-\$11.28
434	12-Jan-10	12	11	\$56.77	Yes	\$56.87	\$0.10
435	12-Jan-10	12	12	\$84.47	Yes	\$56.87	-\$27.60
436	12-Jan-10	13	1	\$70.84	Yes	\$56.87	-\$13.97
437	12-Jan-10	13	2	\$126.82	Yes	\$56.87	-\$69.95
438	12-Jan-10	13	3	\$70.84	Yes	\$56.87	-\$13.97
439	12-Jan-10	13	4	\$70.67	Yes	\$56.87	-\$13.80
440	12-Jan-10	13	5	\$70.67	Yes	\$56.87	-\$13.80
441	12-Jan-10	13	6	\$70.67	Yes	\$56.87	-\$13.80
442	12-Jan-10	13	7	\$70.64	Yes	\$56.87	-\$13.77
443	12-Jan-10	13	8	\$70.98	Yes	\$56.87	-\$14.11
444	12-Jan-10	13	9	\$54.68	Yes	\$56.87	\$2.19
445	12-Jan-10	13	10	\$49.74	Yes	\$56.87	\$7.13
446	12-Jan-10	13	11	\$47.42	Yes	\$56.87	\$9.45
447	12-Jan-10	13	12	\$49.74	Yes	\$56.87	\$7.13
448	12-Jan-10	14	1	\$63.75	Yes	\$56.87	-\$6.88
449	12-Jan-10	14	2	\$49.89	Yes	\$56.87	\$6.98
450	12-Jan-10	14	3	\$49.89	Yes	\$56.87	\$6.98
451	12-Jan-10	14	4	\$49.86	Yes	\$56.87	\$7.01
452	12-Jan-10	14	5	\$49.86	Yes	\$56.87	\$7.01
453	12-Jan-10	14	6	\$48.32	Yes	\$56.87	\$8.55
454	12-Jan-10	14	7	\$56.76	Yes	\$56.87	\$0.11
455	12-Jan-10	14	8	\$49.79	Yes	\$56.87	\$7.08
456	12-Jan-10	14	9	\$48.28	Yes	\$56.87	\$8.59
457	12-Jan-10	14	10	\$44.27	Yes	\$56.87	\$12.60
458	12-Jan-10	14	11	\$48.33	Yes	\$56.87	\$8.54
459	12-Jan-10	14	12	\$66.87	Yes	\$56.87	-\$10.00
460	12-Jan-10	15	1	\$61.41	Yes	\$56.87	-\$4.54
461	12-Jan-10	15	2	\$64.83	Yes	\$56.87	-\$7.96
462	12-Jan-10	15	3	\$64.83	Yes	\$56.87	-\$7.96
463	12-Jan-10	15	4	\$62.44	Yes	\$56.87	-\$5.57
464	12-Jan-10	15	5	\$62.44	Yes	\$56.87	-\$5.57
465	12-Jan-10	15	6	\$61.68	Yes	\$56.87	-\$4.81
466	12-Jan-10	15	7	\$61.87	Yes	\$56.87	-\$5.00
467	12-Jan-10	15	8	\$62.63	Yes	\$56.87	-\$5.76
468	12-Jan-10	15	9	\$61.87	Yes	\$56.87	-\$5.00
469	12-Jan-10	15	10	\$49.74	Yes	\$56.87	\$7.13
470	12-Jan-10	15	11	\$57.10	Yes	\$56.87	-\$0.23
471	12-Jan-10	15	12	\$49.74	Yes	\$56.87	\$7.13
472	12-Jan-10	16	1	\$44.59	Yes	\$56.87	\$12.28
473	12-Jan-10	16	2	\$47.36	Yes	\$56.87	\$9.51
474	12-Jan-10	16	3	\$49.75	Yes	\$56.87	\$7.12

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
475	12-Jan-10	16	4	\$49.76	Yes	\$56.87	\$7.11
476	12-Jan-10	16	5	\$54.62	Yes	\$56.87	\$2.25
477	12-Jan-10	16	6	\$52.89	Yes	\$56.87	\$3.98
478	12-Jan-10	16	7	\$62.40	Yes	\$56.87	-\$5.53
479	12-Jan-10	16	8	\$79.04	Yes	\$56.87	-\$22.17
480	12-Jan-10	16	9	\$78.73	Yes	\$56.87	-\$21.86
481	12-Jan-10	16	10	\$103.54	Yes	\$56.87	-\$46.67
482	12-Jan-10	16	11	\$83.00	Yes	\$56.87	-\$26.13
483	12-Jan-10	16	12	\$78.98	Yes	\$56.87	-\$22.11
484	12-Jan-10	17	1	\$49.68	Yes	\$56.87	\$7.19
485	12-Jan-10	17	2	\$45.22	Yes	\$56.87	\$11.65
486	12-Jan-10	17	3	\$42.15	Yes	\$56.87	\$14.72
487	12-Jan-10	17	4	\$42.19	Yes	\$56.87	\$14.68
488	12-Jan-10	17	5	\$42.51	Yes	\$56.87	\$14.36
489	12-Jan-10	17	6	\$44.04	Yes	\$56.87	\$12.83
490	12-Jan-10	17	7	\$45.45	Yes	\$56.87	\$11.42
491	12-Jan-10	17	8	\$48.29	Yes	\$56.87	\$8.58
492	12-Jan-10	17	9	\$60.73	Yes	\$56.87	-\$3.86
493	12-Jan-10	17	10	\$62.93	Yes	\$56.87	-\$6.06
494	12-Jan-10	17	11	\$48.34	Yes	\$56.87	\$8.53
495	12-Jan-10	17	12	\$62.93	Yes	\$56.87	-\$6.06
496	12-Jan-10	18	1	\$43.35	Yes	\$56.87	\$13.52
497	12-Jan-10	18	2	\$42.48	Yes	\$56.87	\$14.39
498	12-Jan-10	18	3	\$43.78	Yes	\$56.87	\$13.09
499	12-Jan-10	18	4	\$46.72	Yes	\$56.87	\$10.15
500	12-Jan-10	18	5	\$48.34	Yes	\$56.87	\$8.53
501	12-Jan-10	18	6	\$214.07	Yes	\$56.87	-\$157.20
502	12-Jan-10	18	7	\$70.11	Yes	\$56.87	-\$13.24
503	12-Jan-10	18	8	\$501.44	Yes	\$56.87	-\$444.57
504	12-Jan-10	18	9	\$506.55	Yes	\$56.87	-\$449.68
505	12-Jan-10	18	10	\$506.95	Yes	\$56.87	-\$450.08
506	12-Jan-10	18	11	\$499.95	Yes	\$56.87	-\$443.08
507	12-Jan-10	18	12	\$506.95	Yes	\$56.87	-\$450.08
508	12-Jan-10	19	1	\$498.58	Yes	\$56.87	-\$441.71
509	12-Jan-10	19	2	\$499.07	Yes	\$56.87	-\$442.20
510	12-Jan-10	19	3	\$74.75	Yes	\$56.87	-\$17.88
511	12-Jan-10	19	4	\$64.13	Yes	\$56.87	-\$7.26
512	12-Jan-10	19	5	\$64.37	Yes	\$56.87	-\$7.50
513	12-Jan-10	19	6	\$58.12	Yes	\$56.87	-\$1.25
514	12-Jan-10	19	7	\$64.32	Yes	\$56.87	-\$7.45
515	12-Jan-10	19	8	\$63.59	Yes	\$56.87	-\$6.72
516	12-Jan-10	19	9	\$59.41	Yes	\$56.87	-\$2.54
517	12-Jan-10	19	10	\$70.71	Yes	\$56.87	-\$13.84
518	12-Jan-10	19	11	\$64.72	Yes	\$56.87	-\$7.85
519	12-Jan-10	19	12	\$52.23	Yes	\$56.87	\$4.64

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
520	12-Jan-10	20	1	\$58.09	Yes	\$56.87	-\$1.22
521	12-Jan-10	20	2	\$52.11	Yes	\$56.87	\$4.76
522	12-Jan-10	20	3	\$50.05	Yes	\$56.87	\$6.82
523	12-Jan-10	20	4	\$50.04	Yes	\$56.87	\$6.83
524	12-Jan-10	20	5	\$45.42	Yes	\$56.87	\$11.45
525	12-Jan-10	20	6	\$44.14	Yes	\$56.87	\$12.73
526	12-Jan-10	20	7	\$42.46	Yes	\$56.87	\$14.41
527	12-Jan-10	20	8	\$42.46	Yes	\$56.87	\$14.41
528	12-Jan-10	20	9	\$42.46	Yes	\$56.87	\$14.41
529	12-Jan-10	20	10	\$42.31	Yes	\$56.87	\$14.56
530	12-Jan-10	20	11	\$42.31	Yes	\$56.87	\$14.56
531	12-Jan-10	20	12	\$43.27	Yes	\$56.87	\$13.60
532	12-Jan-10	21	1	\$45.25	Yes	\$56.87	\$11.62
533	12-Jan-10	21	2	\$47.41	Yes	\$56.87	\$9.46
534	12-Jan-10	21	3	\$48.87	Yes	\$56.87	\$8.00
535	12-Jan-10	21	4	\$45.20	Yes	\$56.87	\$11.67
536	12-Jan-10	21	5	\$42.96	Yes	\$56.87	\$13.91
537	12-Jan-10	21	6	\$42.26	Yes	\$56.87	\$14.61
538	12-Jan-10	21	7	\$42.21	Yes	\$56.87	\$14.66
539	12-Jan-10	21	8	\$42.11	Yes	\$56.87	\$14.76
540	12-Jan-10	21	9	\$41.69	Yes	\$56.87	\$15.18
541	12-Jan-10	21	10	\$39.50	Yes	\$56.87	\$17.37
542	12-Jan-10	21	11	\$39.50	Yes	\$56.87	\$17.37
543	12-Jan-10	21	12	\$39.85	Yes	\$56.87	\$17.02
544	20-Jan-10	1	1	\$45.08	Yes	\$55.84	\$10.76
545	20-Jan-10	1	2	\$41.81	Yes	\$55.84	\$14.03
546	20-Jan-10	1	3	\$39.23	Yes	\$55.84	\$16.61
547	20-Jan-10	1	4	\$37.57	Yes	\$55.84	\$18.27
548	20-Jan-10	1	5	\$37.66	Yes	\$55.84	\$18.18
549	20-Jan-10	1	6	\$39.92	Yes	\$55.84	\$15.92
550	20-Jan-10	1	7	\$39.80	Yes	\$55.84	\$16.04
551	20-Jan-10	1	8	\$39.80	Yes	\$55.84	\$16.04
552	20-Jan-10	1	9	\$39.11	Yes	\$55.84	\$16.73
553	20-Jan-10	1	10	\$38.24	Yes	\$55.84	\$17.60
554	20-Jan-10	1	11	\$37.53	Yes	\$55.84	\$18.31
555	20-Jan-10	1	12	\$37.44	Yes	\$55.84	\$18.40
556	20-Jan-10	2	1	\$41.47	Yes	\$55.84	\$14.37
557	20-Jan-10	2	2	\$39.65	Yes	\$55.84	\$16.19
558	20-Jan-10	2	3	\$39.65	Yes	\$55.84	\$16.19
559	20-Jan-10	2	4	\$39.84	Yes	\$55.84	\$16.00
560	20-Jan-10	2	5	\$39.84	Yes	\$55.84	\$16.00
561	20-Jan-10	2	6	\$39.84	Yes	\$55.84	\$16.00
562	20-Jan-10	2	7	\$39.27	Yes	\$55.84	\$16.57
563	20-Jan-10	2	8	\$39.01	Yes	\$55.84	\$16.83
564	20-Jan-10	2	9	\$39.01	Yes	\$55.84	\$16.83

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
565	20-Jan-10	2	10	\$38.93	Yes	\$55.84	\$16.91
566	20-Jan-10	2	11	\$37.62	Yes	\$55.84	\$18.22
567	20-Jan-10	2	12	\$37.62	Yes	\$55.84	\$18.22
568	20-Jan-10	3	1	\$37.77	Yes	\$55.84	\$18.07
569	20-Jan-10	3	2	\$37.77	Yes	\$55.84	\$18.07
570	20-Jan-10	3	3	\$37.57	Yes	\$55.84	\$18.27
571	20-Jan-10	3	4	\$37.58	Yes	\$55.84	\$18.26
572	20-Jan-10	3	5	\$37.50	Yes	\$55.84	\$18.34
573	20-Jan-10	3	6	\$37.50	Yes	\$55.84	\$18.34
574	20-Jan-10	3	7	\$37.33	Yes	\$55.84	\$18.51
575	20-Jan-10	3	8	\$37.51	Yes	\$55.84	\$18.33
576	20-Jan-10	3	9	\$37.51	Yes	\$55.84	\$18.33
577	20-Jan-10	3	10	\$37.51	Yes	\$55.84	\$18.33
578	20-Jan-10	3	11	\$37.55	Yes	\$55.84	\$18.29
579	20-Jan-10	3	12	\$37.61	Yes	\$55.84	\$18.23
580	20-Jan-10	4	1	\$31.36	Yes	\$55.84	\$24.48
581	20-Jan-10	4	2	\$35.18	Yes	\$55.84	\$20.66
582	20-Jan-10	4	3	\$37.21	Yes	\$55.84	\$18.63
583	20-Jan-10	4	4	\$37.37	Yes	\$55.84	\$18.47
584	20-Jan-10	4	5	\$37.29	Yes	\$55.84	\$18.55
585	20-Jan-10	4	6	\$37.45	Yes	\$55.84	\$18.39
586	20-Jan-10	4	7	\$37.52	Yes	\$55.84	\$18.32
587	20-Jan-10	4	8	\$37.52	Yes	\$55.84	\$18.32
588	20-Jan-10	4	9	\$37.56	Yes	\$55.84	\$18.28
589	20-Jan-10	4	10	\$37.58	Yes	\$55.84	\$18.26
590	20-Jan-10	4	11	\$37.90	Yes	\$55.84	\$17.94
591	20-Jan-10	4	12	\$39.93	Yes	\$55.84	\$15.91
592	20-Jan-10	5	1	\$40.22	Yes	\$55.84	\$15.62
593	20-Jan-10	5	2	\$41.45	Yes	\$55.84	\$14.39
594	20-Jan-10	5	3	\$41.38	Yes	\$55.84	\$14.46
595	20-Jan-10	5	4	\$40.34	Yes	\$55.84	\$15.50
596	20-Jan-10	5	5	\$41.67	Yes	\$55.84	\$14.17
597	20-Jan-10	5	6	\$41.77	Yes	\$55.84	\$14.07
598	20-Jan-10	5	7	\$41.90	Yes	\$55.84	\$13.94
599	20-Jan-10	5	8	\$42.32	Yes	\$55.84	\$13.52
600	20-Jan-10	5	9	\$43.40	Yes	\$55.84	\$12.44
601	20-Jan-10	5	10	\$43.85	Yes	\$55.84	\$11.99
602	20-Jan-10	5	11	\$45.60	Yes	\$55.84	\$10.24
603	20-Jan-10	5	12	\$45.60	Yes	\$55.84	\$10.24
604	20-Jan-10	6	1	\$40.00	Yes	\$55.84	\$15.84
605	20-Jan-10	6	2	\$40.00	Yes	\$55.84	\$15.84
606	20-Jan-10	6	3	\$38.91	Yes	\$55.84	\$16.93
607	20-Jan-10	6	4	\$39.03	Yes	\$55.84	\$16.81
608	20-Jan-10	6	5	\$39.67	Yes	\$55.84	\$16.17
609	20-Jan-10	6	6	\$41.80	Yes	\$55.84	\$14.04

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
610	20-Jan-10	6	7	\$41.84	Yes	\$55.84	\$14.00
611	20-Jan-10	6	8	\$45.69	Yes	\$55.84	\$10.15
612	20-Jan-10	6	9	\$49.24	Yes	\$55.84	\$6.60
613	20-Jan-10	6	10	\$61.12	Yes	\$55.84	-\$5.28
614	20-Jan-10	6	11	\$57.76	Yes	\$55.84	-\$1.92
615	20-Jan-10	6	12	\$72.42	Yes	\$55.84	-\$16.58
616	20-Jan-10	7	1	\$0.69	Yes	\$55.84	\$55.15
617	20-Jan-10	7	2	\$29.30	Yes	\$55.84	\$26.54
618	20-Jan-10	7	3	\$35.12	Yes	\$55.84	\$20.72
619	20-Jan-10	7	4	\$39.33	Yes	\$55.84	\$16.51
620	20-Jan-10	7	5	\$41.35	Yes	\$55.84	\$14.49
621	20-Jan-10	7	6	\$44.32	Yes	\$55.84	\$11.52
622	20-Jan-10	7	7	\$45.98	Yes	\$55.84	\$9.86
623	20-Jan-10	7	8	\$47.16	Yes	\$55.84	\$8.68
624	20-Jan-10	7	9	\$49.63	Yes	\$55.84	\$6.21
625	20-Jan-10	7	10	\$55.65	Yes	\$55.84	\$0.19
626	20-Jan-10	7	11	\$55.69	Yes	\$55.84	\$0.15
627	20-Jan-10	7	12	\$55.72	Yes	\$55.84	\$0.12
628	20-Jan-10	8	1	\$46.10	Yes	\$55.84	\$9.74
629	20-Jan-10	8	2	\$42.80	Yes	\$55.84	\$13.04
630	20-Jan-10	8	3	\$44.69	Yes	\$55.84	\$11.15
631	20-Jan-10	8	4	\$49.71	Yes	\$55.84	\$6.13
632	20-Jan-10	8	5	\$51.37	Yes	\$55.84	\$4.47
633	20-Jan-10	8	6	\$53.41	Yes	\$55.84	\$2.43
634	20-Jan-10	8	7	\$47.08	Yes	\$55.84	\$8.76
635	20-Jan-10	8	8	\$47.08	Yes	\$55.84	\$8.76
636	20-Jan-10	8	9	\$46.74	Yes	\$55.84	\$9.10
637	20-Jan-10	8	10	\$47.58	Yes	\$55.84	\$8.26
638	20-Jan-10	8	11	\$48.00	Yes	\$55.84	\$7.84
639	20-Jan-10	8	12	\$49.84	Yes	\$55.84	\$6.00
640	20-Jan-10	9	1	\$45.35	Yes	\$55.84	\$10.49
641	20-Jan-10	9	2	\$45.35	Yes	\$55.84	\$10.49
642	20-Jan-10	9	3	\$46.24	Yes	\$55.84	\$9.60
643	20-Jan-10	9	4	\$55.62	Yes	\$55.84	\$0.22
644	20-Jan-10	9	5	\$88.29	Yes	\$55.84	-\$32.45
645	20-Jan-10	9	6	\$63.70	Yes	\$55.84	-\$7.86
646	20-Jan-10	9	7	\$80.41	Yes	\$55.84	-\$24.57
647	20-Jan-10	9	8	\$502.55	Yes	\$55.84	-\$446.71
648	20-Jan-10	9	9	\$502.60	Yes	\$55.84	-\$446.76
649	20-Jan-10	9	10	\$61.75	Yes	\$55.84	-\$5.91
650	20-Jan-10	9	11	\$58.31	Yes	\$55.84	-\$2.47
651	20-Jan-10	9	12	\$58.80	Yes	\$55.84	-\$2.96
652	20-Jan-10	10	1	\$40.48	Yes	\$55.84	\$15.36
653	20-Jan-10	10	2	\$40.48	Yes	\$55.84	\$15.36
654	20-Jan-10	10	3	\$43.71	Yes	\$55.84	\$12.13

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
655	20-Jan-10	10	4	\$45.98	Yes	\$55.84	\$9.86
656	20-Jan-10	10	5	\$46.14	Yes	\$55.84	\$9.70
657	20-Jan-10	10	6	\$46.82	Yes	\$55.84	\$9.02
658	20-Jan-10	10	7	\$47.36	Yes	\$55.84	\$8.48
659	20-Jan-10	10	8	\$47.36	Yes	\$55.84	\$8.48
660	20-Jan-10	10	9	\$49.86	Yes	\$55.84	\$5.98
661	20-Jan-10	10	10	\$50.27	Yes	\$55.84	\$5.57
662	20-Jan-10	10	11	\$49.99	Yes	\$55.84	\$5.85
663	20-Jan-10	10	12	\$49.99	Yes	\$55.84	\$5.85
664	20-Jan-10	11	1	\$55.54	Yes	\$55.84	\$0.30
665	20-Jan-10	11	2	\$57.38	Yes	\$55.84	-\$1.54
666	20-Jan-10	11	3	\$90.15	Yes	\$55.84	-\$34.31
667	20-Jan-10	11	4	\$77.63	Yes	\$55.84	-\$21.79
668	20-Jan-10	11	5	\$86.46	Yes	\$55.84	-\$30.62
669	20-Jan-10	11	6	\$80.77	Yes	\$55.84	-\$24.93
670	20-Jan-10	11	7	\$62.01	Yes	\$55.84	-\$6.17
671	20-Jan-10	11	8	\$69.41	Yes	\$55.84	-\$13.57
672	20-Jan-10	11	9	\$72.99	Yes	\$55.84	-\$17.15
673	20-Jan-10	11	10	\$201.57	Yes	\$55.84	-\$145.73
674	20-Jan-10	11	11	\$501.45	Yes	\$55.84	-\$445.61
675	20-Jan-10	11	12	\$96.83	Yes	\$55.84	-\$40.99
676	20-Jan-10	12	1	\$92.89	Yes	\$55.84	-\$37.05
677	20-Jan-10	12	2	\$59.71	Yes	\$55.84	-\$3.87
678	20-Jan-10	12	3	\$48.64	Yes	\$55.84	\$7.20
679	20-Jan-10	12	4	\$48.56	Yes	\$55.84	\$7.28
680	20-Jan-10	12	5	\$55.69	Yes	\$55.84	\$0.15
681	20-Jan-10	12	6	\$55.69	Yes	\$55.84	\$0.15
682	20-Jan-10	12	7	\$54.21	Yes	\$55.84	\$1.63
683	20-Jan-10	12	8	\$54.21	Yes	\$55.84	\$1.63
684	20-Jan-10	12	9	\$50.66	Yes	\$55.84	\$5.18
685	20-Jan-10	12	10	\$55.48	Yes	\$55.84	\$0.36
686	20-Jan-10	12	11	\$55.48	Yes	\$55.84	\$0.36
687	20-Jan-10	12	12	\$55.48	Yes	\$55.84	\$0.36
688	20-Jan-10	13	1	\$55.39	Yes	\$55.84	\$0.45
689	20-Jan-10	13	2	\$55.39	Yes	\$55.84	\$0.45
690	20-Jan-10	13	3	\$54.59	Yes	\$55.84	\$1.25
691	20-Jan-10	13	4	\$49.87	Yes	\$55.84	\$5.97
692	20-Jan-10	13	5	\$49.87	Yes	\$55.84	\$5.97
693	20-Jan-10	13	6	\$49.87	Yes	\$55.84	\$5.97
694	20-Jan-10	13	7	\$499.80	Yes	\$55.84	-\$443.96
695	20-Jan-10	13	8	\$86.03	Yes	\$55.84	-\$30.19
696	20-Jan-10	13	9	\$61.93	Yes	\$55.84	-\$6.09
697	20-Jan-10	13	10	\$54.67	Yes	\$55.84	\$1.17
698	20-Jan-10	13	11	\$56.08	Yes	\$55.84	-\$0.24
699	20-Jan-10	13	12	\$54.67	Yes	\$55.84	\$1.17

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
700	20-Jan-10	14	1	\$55.36	Yes	\$55.84	\$0.48
701	20-Jan-10	14	2	\$53.49	Yes	\$55.84	\$2.35
702	20-Jan-10	14	3	\$55.36	Yes	\$55.84	\$0.48
703	20-Jan-10	14	4	\$55.60	Yes	\$55.84	\$0.24
704	20-Jan-10	14	5	\$50.01	Yes	\$55.84	\$5.83
705	20-Jan-10	14	6	\$49.86	Yes	\$55.84	\$5.98
706	20-Jan-10	14	7	\$48.55	Yes	\$55.84	\$7.29
707	20-Jan-10	14	8	\$47.57	Yes	\$55.84	\$8.27
708	20-Jan-10	14	9	\$49.97	Yes	\$55.84	\$5.87
709	20-Jan-10	14	10	\$48.32	Yes	\$55.84	\$7.52
710	20-Jan-10	14	11	\$47.22	Yes	\$55.84	\$8.62
711	20-Jan-10	14	12	\$46.43	Yes	\$55.84	\$9.41
712	20-Jan-10	15	1	\$49.95	Yes	\$55.84	\$5.89
713	20-Jan-10	15	2	\$47.64	Yes	\$55.84	\$8.20
714	20-Jan-10	15	3	\$47.64	Yes	\$55.84	\$8.20
715	20-Jan-10	15	4	\$46.78	Yes	\$55.84	\$9.06
716	20-Jan-10	15	5	\$46.34	Yes	\$55.84	\$9.50
717	20-Jan-10	15	6	\$47.80	Yes	\$55.84	\$8.04
718	20-Jan-10	15	7	\$55.60	Yes	\$55.84	\$0.24
719	20-Jan-10	15	8	\$53.42	Yes	\$55.84	\$2.42
720	20-Jan-10	15	9	\$47.58	Yes	\$55.84	\$8.26
721	20-Jan-10	15	10	\$47.61	Yes	\$55.84	\$8.23
722	20-Jan-10	15	11	\$46.38	Yes	\$55.84	\$9.46
723	20-Jan-10	15	12	\$46.38	Yes	\$55.84	\$9.46
724	20-Jan-10	16	1	\$49.91	Yes	\$55.84	\$5.93
725	20-Jan-10	16	2	\$49.91	Yes	\$55.84	\$5.93
726	20-Jan-10	16	3	\$49.91	Yes	\$55.84	\$5.93
727	20-Jan-10	16	4	\$55.60	Yes	\$55.84	\$0.24
728	20-Jan-10	16	5	\$55.60	Yes	\$55.84	\$0.24
729	20-Jan-10	16	6	\$55.60	Yes	\$55.84	\$0.24
730	20-Jan-10	16	7	\$55.70	Yes	\$55.84	\$0.14
731	20-Jan-10	16	8	\$55.70	Yes	\$55.84	\$0.14
732	20-Jan-10	16	9	\$55.68	Yes	\$55.84	\$0.16
733	20-Jan-10	16	10	\$55.84	Yes	\$55.84	\$0.00
734	20-Jan-10	16	11	\$57.16	Yes	\$55.84	-\$1.32
735	20-Jan-10	16	12	\$56.82	Yes	\$55.84	-\$0.98
736	20-Jan-10	17	1	\$47.65	Yes	\$55.84	\$8.19
737	20-Jan-10	17	2	\$47.65	Yes	\$55.84	\$8.19
738	20-Jan-10	17	3	\$47.90	Yes	\$55.84	\$7.94
739	20-Jan-10	17	4	\$49.14	Yes	\$55.84	\$6.70
740	20-Jan-10	17	5	\$49.99	Yes	\$55.84	\$5.85
741	20-Jan-10	17	6	\$58.90	Yes	\$55.84	-\$3.06
742	20-Jan-10	17	7	\$60.17	Yes	\$55.84	-\$4.33
743	20-Jan-10	17	8	\$59.21	Yes	\$55.84	-\$3.37
744	20-Jan-10	17	9	\$61.33	Yes	\$55.84	-\$5.49

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
745	20-Jan-10	17	10	\$200.65	Yes	\$55.84	-\$144.81
746	20-Jan-10	17	11	\$835.17	Yes	\$55.84	-\$779.33
747	20-Jan-10	17	12	\$952.42	Yes	\$55.84	-\$896.58
748	20-Jan-10	18	1	\$51.26	Yes	\$55.84	\$4.58
749	20-Jan-10	18	2	\$59.92	Yes	\$55.84	-\$4.08
750	20-Jan-10	18	3	\$61.36	Yes	\$55.84	-\$5.52
751	20-Jan-10	18	4	\$47.35	Yes	\$55.84	\$8.49
752	20-Jan-10	18	5	\$47.28	Yes	\$55.84	\$8.56
753	20-Jan-10	18	6	\$51.14	Yes	\$55.84	\$4.70
754	20-Jan-10	18	7	\$60.27	Yes	\$55.84	-\$4.43
755	20-Jan-10	18	8	\$63.23	Yes	\$55.84	-\$7.39
756	20-Jan-10	18	9	\$201.28	Yes	\$55.84	-\$145.44
757	20-Jan-10	18	10	\$773.95	Yes	\$55.84	-\$718.11
758	20-Jan-10	18	11	\$614.71	Yes	\$55.84	-\$558.87
759	20-Jan-10	18	12	\$967.36	Yes	\$55.84	-\$911.52
760	20-Jan-10	19	1	\$605.98	Yes	\$55.84	-\$550.14
761	20-Jan-10	19	2	\$831.32	Yes	\$55.84	-\$775.48
762	20-Jan-10	19	3	\$831.32	Yes	\$55.84	-\$775.48
763	20-Jan-10	19	4	\$149.74	Yes	\$55.84	-\$93.90
764	20-Jan-10	19	5	\$72.20	Yes	\$55.84	-\$16.36
765	20-Jan-10	19	6	\$66.84	Yes	\$55.84	-\$11.00
766	20-Jan-10	19	7	\$62.08	Yes	\$55.84	-\$6.24
767	20-Jan-10	19	8	\$63.60	Yes	\$55.84	-\$7.76
768	20-Jan-10	19	9	\$65.39	Yes	\$55.84	-\$9.55
769	20-Jan-10	19	10	\$90.85	Yes	\$55.84	-\$35.01
770	20-Jan-10	19	11	\$68.14	Yes	\$55.84	-\$12.30
771	20-Jan-10	19	12	\$64.31	Yes	\$55.84	-\$8.47
772	20-Jan-10	20	1	\$68.14	Yes	\$55.84	-\$12.30
773	20-Jan-10	20	2	\$62.66	Yes	\$55.84	-\$6.82
774	20-Jan-10	20	3	\$66.22	Yes	\$55.84	-\$10.38
775	20-Jan-10	20	4	\$61.38	Yes	\$55.84	-\$5.54
776	20-Jan-10	20	5	\$59.39	Yes	\$55.84	-\$3.55
777	20-Jan-10	20	6	\$51.35	Yes	\$55.84	\$4.49
778	20-Jan-10	20	7	\$56.13	Yes	\$55.84	-\$0.29
779	20-Jan-10	20	8	\$57.78	Yes	\$55.84	-\$1.94
780	20-Jan-10	20	9	\$59.56	Yes	\$55.84	-\$3.72
781	20-Jan-10	20	10	\$61.51	Yes	\$55.84	-\$5.67
782	20-Jan-10	20	11	\$59.06	Yes	\$55.84	-\$3.22
783	20-Jan-10	20	12	\$54.32	Yes	\$55.84	\$1.52
784	20-Jan-10	21	1	\$62.87	Yes	\$55.84	-\$7.03
785	20-Jan-10	21	2	\$57.83	Yes	\$55.84	-\$1.99
786	20-Jan-10	21	3	\$57.83	Yes	\$55.84	-\$1.99
787	20-Jan-10	21	4	\$58.26	Yes	\$55.84	-\$2.42
788	20-Jan-10	21	5	\$57.78	Yes	\$55.84	-\$1.94
789	20-Jan-10	21	6	\$50.18	Yes	\$55.84	\$5.66

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
790	20-Jan-10	21	7	\$50.19	Yes	\$55.84	\$5.65
791	20-Jan-10	21	8	\$50.01	Yes	\$55.84	\$5.83
792	20-Jan-10	21	9	\$47.74	Yes	\$55.84	\$8.10
793	20-Jan-10	21	10	\$46.40	Yes	\$55.84	\$9.44
794	20-Jan-10	21	11	\$43.06	Yes	\$55.84	\$12.78
795	20-Jan-10	21	12	\$41.19	Yes	\$55.84	\$14.65
796	20-Jan-10	22	1	\$101.11	Yes	\$55.84	-\$45.27
797	20-Jan-10	22	2	\$85.67	Yes	\$55.84	-\$29.83
798	20-Jan-10	22	3	\$60.58	Yes	\$55.84	-\$4.74
799	20-Jan-10	22	4	\$57.12	Yes	\$55.84	-\$1.28
800	20-Jan-10	22	5	\$57.12	Yes	\$55.84	-\$1.28
801	20-Jan-10	22	6	\$56.80	Yes	\$55.84	-\$0.96
802	20-Jan-10	22	7	\$55.70	Yes	\$55.84	\$0.14
803	20-Jan-10	22	8	\$55.64	Yes	\$55.84	\$0.20
804	20-Jan-10	22	9	\$50.15	Yes	\$55.84	\$5.69
805	20-Jan-10	22	10	\$46.24	Yes	\$55.84	\$9.60
806	20-Jan-10	22	11	\$44.81	Yes	\$55.84	\$11.03
807	20-Jan-10	22	12	\$42.07	Yes	\$55.84	\$13.77
808	20-Jan-10	23	1	\$84.85	Yes	\$55.84	-\$29.01
809	20-Jan-10	23	2	\$84.85	Yes	\$55.84	-\$29.01
810	20-Jan-10	23	3	\$59.84	Yes	\$55.84	-\$4.00
811	20-Jan-10	23	4	\$58.56	Yes	\$55.84	-\$2.72
812	20-Jan-10	23	5	\$58.32	Yes	\$55.84	-\$2.48
813	20-Jan-10	23	6	\$56.75	Yes	\$55.84	-\$0.91
814	20-Jan-10	23	7	\$57.89	Yes	\$55.84	-\$2.05
815	20-Jan-10	23	8	\$55.19	Yes	\$55.84	\$0.65
816	20-Jan-10	23	9	\$51.04	Yes	\$55.84	\$4.80
817	20-Jan-10	23	10	\$48.89	Yes	\$55.84	\$6.95
818	20-Jan-10	23	11	\$44.48	Yes	\$55.84	\$11.36
819	20-Jan-10	23	12	\$42.54	Yes	\$55.84	\$13.30
820	20-Jan-10	24	1	\$56.35	Yes	\$55.84	-\$0.51
821	20-Jan-10	24	2	\$55.68	Yes	\$55.84	\$0.16
822	20-Jan-10	24	3	\$49.19	Yes	\$55.84	\$6.65
823	20-Jan-10	24	4	\$49.56	Yes	\$55.84	\$6.28
824	20-Jan-10	24	5	\$44.08	Yes	\$55.84	\$11.76
825	20-Jan-10	24	6	\$42.32	Yes	\$55.84	\$13.52
826	20-Jan-10	24	7	\$42.00	Yes	\$55.84	\$13.84
827	20-Jan-10	24	8	\$42.02	Yes	\$55.84	\$13.82
828	20-Jan-10	24	9	\$42.05	Yes	\$55.84	\$13.79
829	20-Jan-10	24	10	\$41.70	Yes	\$55.84	\$14.14
830	20-Jan-10	24	11	\$40.70	Yes	\$55.84	\$15.14
831	20-Jan-10	24	12	\$37.85	Yes	\$55.84	\$17.99
832	22-Jan-10	1	1	\$61.27	Yes	\$55.50	-\$5.77
833	22-Jan-10	1	2	\$61.29	Yes	\$55.50	-\$5.79
834	22-Jan-10	1	3	\$45.22	Yes	\$55.50	\$10.28

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
835	22-Jan-10	1	4	\$49.83	Yes	\$55.50	\$5.67
836	22-Jan-10	1	5	\$45.84	Yes	\$55.50	\$9.66
837	22-Jan-10	1	6	\$45.22	Yes	\$55.50	\$10.28
838	22-Jan-10	1	7	\$45.10	Yes	\$55.50	\$10.40
839	22-Jan-10	1	8	\$44.26	Yes	\$55.50	\$11.24
840	22-Jan-10	1	9	\$43.80	Yes	\$55.50	\$11.70
841	22-Jan-10	1	10	\$43.66	Yes	\$55.50	\$11.84
842	22-Jan-10	1	11	\$43.66	Yes	\$55.50	\$11.84
843	22-Jan-10	1	12	\$42.67	Yes	\$55.50	\$12.83
844	22-Jan-10	2	1	\$43.57	Yes	\$55.50	\$11.93
845	22-Jan-10	2	2	\$43.57	Yes	\$55.50	\$11.93
846	22-Jan-10	2	3	\$42.37	Yes	\$55.50	\$13.13
847	22-Jan-10	2	4	\$41.88	Yes	\$55.50	\$13.62
848	22-Jan-10	2	5	\$41.58	Yes	\$55.50	\$13.92
849	22-Jan-10	2	6	\$41.72	Yes	\$55.50	\$13.78
850	22-Jan-10	2	7	\$41.54	Yes	\$55.50	\$13.96
851	22-Jan-10	2	8	\$41.54	Yes	\$55.50	\$13.96
852	22-Jan-10	2	9	\$41.72	Yes	\$55.50	\$13.78
853	22-Jan-10	2	10	\$41.43	Yes	\$55.50	\$14.07
854	22-Jan-10	2	11	\$41.13	Yes	\$55.50	\$14.37
855	22-Jan-10	2	12	\$40.69	Yes	\$55.50	\$14.81
856	22-Jan-10	3	1	\$39.75	Yes	\$55.50	\$15.75
857	22-Jan-10	3	2	\$39.75	Yes	\$55.50	\$15.75
858	22-Jan-10	3	3	\$39.48	Yes	\$55.50	\$16.02
859	22-Jan-10	3	4	\$39.27	Yes	\$55.50	\$16.23
860	22-Jan-10	3	5	\$38.37	Yes	\$55.50	\$17.13
861	22-Jan-10	3	6	\$38.37	Yes	\$55.50	\$17.13
862	22-Jan-10	3	7	\$38.60	Yes	\$55.50	\$16.90
863	22-Jan-10	3	8	\$37.44	Yes	\$55.50	\$18.06
864	22-Jan-10	3	9	\$36.65	Yes	\$55.50	\$18.85
865	22-Jan-10	3	10	\$36.48	Yes	\$55.50	\$19.02
866	22-Jan-10	3	11	\$36.61	Yes	\$55.50	\$18.89
867	22-Jan-10	3	12	\$36.61	Yes	\$55.50	\$18.89
868	22-Jan-10	4	1	\$38.31	Yes	\$55.50	\$17.19
869	22-Jan-10	4	2	\$38.51	Yes	\$55.50	\$16.99
870	22-Jan-10	4	3	\$38.31	Yes	\$55.50	\$17.19
871	22-Jan-10	4	4	\$38.27	Yes	\$55.50	\$17.23
872	22-Jan-10	4	5	\$38.75	Yes	\$55.50	\$16.75
873	22-Jan-10	4	6	\$38.56	Yes	\$55.50	\$16.94
874	22-Jan-10	4	7	\$38.84	Yes	\$55.50	\$16.66
875	22-Jan-10	4	8	\$38.49	Yes	\$55.50	\$17.01
876	22-Jan-10	4	9	\$38.84	Yes	\$55.50	\$16.66
877	22-Jan-10	4	10	\$38.92	Yes	\$55.50	\$16.58
878	22-Jan-10	4	11	\$38.92	Yes	\$55.50	\$16.58
879	22-Jan-10	4	12	\$38.50	Yes	\$55.50	\$17.00

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
880	22-Jan-10	5	1	\$38.01	Yes	\$55.50	\$17.49
881	22-Jan-10	5	2	\$36.43	Yes	\$55.50	\$19.07
882	22-Jan-10	5	3	\$36.43	Yes	\$55.50	\$19.07
883	22-Jan-10	5	4	\$37.46	Yes	\$55.50	\$18.04
884	22-Jan-10	5	5	\$38.50	Yes	\$55.50	\$17.00
885	22-Jan-10	5	6	\$38.91	Yes	\$55.50	\$16.59
886	22-Jan-10	5	7	\$39.61	Yes	\$55.50	\$15.89
887	22-Jan-10	5	8	\$39.47	Yes	\$55.50	\$16.03
888	22-Jan-10	5	9	\$40.46	Yes	\$55.50	\$15.04
889	22-Jan-10	5	10	\$41.10	Yes	\$55.50	\$14.40
890	22-Jan-10	5	11	\$41.68	Yes	\$55.50	\$13.82
891	22-Jan-10	5	12	\$41.83	Yes	\$55.50	\$13.67
892	22-Jan-10	6	1	\$40.79	Yes	\$55.50	\$14.71
893	22-Jan-10	6	2	\$41.71	Yes	\$55.50	\$13.79
894	22-Jan-10	6	3	\$41.90	Yes	\$55.50	\$13.60
895	22-Jan-10	6	4	\$41.88	Yes	\$55.50	\$13.62
896	22-Jan-10	6	5	\$42.23	Yes	\$55.50	\$13.27
897	22-Jan-10	6	6	\$43.94	Yes	\$55.50	\$11.56
898	22-Jan-10	6	7	\$43.89	Yes	\$55.50	\$11.61
899	22-Jan-10	6	8	\$45.76	Yes	\$55.50	\$9.74
900	22-Jan-10	6	9	\$61.98	Yes	\$55.50	-\$6.48
901	22-Jan-10	6	10	\$67.11	Yes	\$55.50	-\$11.61
902	22-Jan-10	6	11	\$66.81	Yes	\$55.50	-\$11.31
903	22-Jan-10	6	12	\$67.04	Yes	\$55.50	-\$11.54
904	22-Jan-10	7	1	\$39.26	Yes	\$55.50	\$16.24
905	22-Jan-10	7	2	\$41.61	Yes	\$55.50	\$13.89
906	22-Jan-10	7	3	\$41.61	Yes	\$55.50	\$13.89
907	22-Jan-10	7	4	\$42.01	Yes	\$55.50	\$13.49
908	22-Jan-10	7	5	\$42.11	Yes	\$55.50	\$13.39
909	22-Jan-10	7	6	\$43.81	Yes	\$55.50	\$11.69
910	22-Jan-10	7	7	\$45.61	Yes	\$55.50	\$9.89
911	22-Jan-10	7	8	\$50.11	Yes	\$55.50	\$5.39
912	22-Jan-10	7	9	\$49.60	Yes	\$55.50	\$5.90
913	22-Jan-10	7	10	\$68.39	Yes	\$55.50	-\$12.89
914	22-Jan-10	7	11	\$64.55	Yes	\$55.50	-\$9.05
915	22-Jan-10	7	12	\$69.06	Yes	\$55.50	-\$13.56
916	22-Jan-10	8	1	\$47.52	Yes	\$55.50	\$7.98
917	22-Jan-10	8	2	\$47.52	Yes	\$55.50	\$7.98
918	22-Jan-10	8	3	\$47.52	Yes	\$55.50	\$7.98
919	22-Jan-10	8	4	\$47.65	Yes	\$55.50	\$7.85
920	22-Jan-10	8	5	\$47.65	Yes	\$55.50	\$7.85
921	22-Jan-10	8	6	\$47.65	Yes	\$55.50	\$7.85
922	22-Jan-10	8	7	\$60.19	Yes	\$55.50	-\$4.69
923	22-Jan-10	8	8	\$58.48	Yes	\$55.50	-\$2.98
924	22-Jan-10	8	9	\$56.39	Yes	\$55.50	-\$0.89

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
925	22-Jan-10	8	10	\$58.58	Yes	\$55.50	-\$3.08
926	22-Jan-10	8	11	\$60.49	Yes	\$55.50	-\$4.99
927	22-Jan-10	8	12	\$62.57	Yes	\$55.50	-\$7.07
928	22-Jan-10	9	1	\$56.60	Yes	\$55.50	-\$1.10
929	22-Jan-10	9	2	\$56.60	Yes	\$55.50	-\$1.10
930	22-Jan-10	9	3	\$57.59	Yes	\$55.50	-\$2.09
931	22-Jan-10	9	4	\$57.89	Yes	\$55.50	-\$2.39
932	22-Jan-10	9	5	\$61.52	Yes	\$55.50	-\$6.02
933	22-Jan-10	9	6	\$60.77	Yes	\$55.50	-\$5.27
934	22-Jan-10	9	7	\$62.81	Yes	\$55.50	-\$7.31
935	22-Jan-10	9	8	\$63.28	Yes	\$55.50	-\$7.78
936	22-Jan-10	9	9	\$66.90	Yes	\$55.50	-\$11.40
937	22-Jan-10	9	10	\$65.28	Yes	\$55.50	-\$9.78
938	22-Jan-10	9	11	\$64.92	Yes	\$55.50	-\$9.42
939	22-Jan-10	9	12	\$64.82	Yes	\$55.50	-\$9.32
940	22-Jan-10	10	1	\$63.94	Yes	\$55.50	-\$8.44
941	22-Jan-10	10	2	\$63.94	Yes	\$55.50	-\$8.44
942	22-Jan-10	10	3	\$63.80	Yes	\$55.50	-\$8.30
943	22-Jan-10	10	4	\$64.12	Yes	\$55.50	-\$8.62
944	22-Jan-10	10	5	\$64.87	Yes	\$55.50	-\$9.37
945	22-Jan-10	10	6	\$64.87	Yes	\$55.50	-\$9.37
946	22-Jan-10	10	7	\$65.07	Yes	\$55.50	-\$9.57
947	22-Jan-10	10	8	\$65.11	Yes	\$55.50	-\$9.61
948	22-Jan-10	10	9	\$65.97	Yes	\$55.50	-\$10.47
949	22-Jan-10	10	10	\$66.12	Yes	\$55.50	-\$10.62
950	22-Jan-10	10	11	\$66.12	Yes	\$55.50	-\$10.62
951	22-Jan-10	10	12	\$66.12	Yes	\$55.50	-\$10.62
952	22-Jan-10	11	1	\$65.31	Yes	\$55.50	-\$9.81
953	22-Jan-10	11	2	\$64.52	Yes	\$55.50	-\$9.02
954	22-Jan-10	11	3	\$64.31	Yes	\$55.50	-\$8.81
955	22-Jan-10	11	4	\$64.73	Yes	\$55.50	-\$9.23
956	22-Jan-10	11	5	\$64.58	Yes	\$55.50	-\$9.08
957	22-Jan-10	11	6	\$63.72	Yes	\$55.50	-\$8.22
958	22-Jan-10	11	7	\$63.31	Yes	\$55.50	-\$7.81
959	22-Jan-10	11	8	\$63.86	Yes	\$55.50	-\$8.36
960	22-Jan-10	11	9	\$76.90	Yes	\$55.50	-\$21.40
961	22-Jan-10	11	10	\$64.84	Yes	\$55.50	-\$9.34
962	22-Jan-10	11	11	\$65.20	Yes	\$55.50	-\$9.70
963	22-Jan-10	11	12	\$63.65	Yes	\$55.50	-\$8.15
964	22-Jan-10	12	1	\$64.98	Yes	\$55.50	-\$9.48
965	22-Jan-10	12	2	\$64.01	Yes	\$55.50	-\$8.51
966	22-Jan-10	12	3	\$64.07	Yes	\$55.50	-\$8.57
967	22-Jan-10	12	4	\$62.45	Yes	\$55.50	-\$6.95
968	22-Jan-10	12	5	\$63.92	Yes	\$55.50	-\$8.42
969	22-Jan-10	12	6	\$63.92	Yes	\$55.50	-\$8.42

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
970	22-Jan-10	12	7	\$63.24	Yes	\$55.50	-\$7.74
971	22-Jan-10	12	8	\$60.56	Yes	\$55.50	-\$5.06
972	22-Jan-10	12	9	\$60.08	Yes	\$55.50	-\$4.58
973	22-Jan-10	12	10	\$59.79	Yes	\$55.50	-\$4.29
974	22-Jan-10	12	11	\$59.07	Yes	\$55.50	-\$3.57
975	22-Jan-10	12	12	\$56.96	Yes	\$55.50	-\$1.46
976	22-Jan-10	13	1	\$63.61	Yes	\$55.50	-\$8.11
977	22-Jan-10	13	2	\$64.24	Yes	\$55.50	-\$8.74
978	22-Jan-10	13	3	\$63.46	Yes	\$55.50	-\$7.96
979	22-Jan-10	13	4	\$63.56	Yes	\$55.50	-\$8.06
980	22-Jan-10	13	5	\$63.02	Yes	\$55.50	-\$7.52
981	22-Jan-10	13	6	\$63.20	Yes	\$55.50	-\$7.70
982	22-Jan-10	13	7	\$62.57	Yes	\$55.50	-\$7.07
983	22-Jan-10	13	8	\$62.57	Yes	\$55.50	-\$7.07
984	22-Jan-10	13	9	\$58.52	Yes	\$55.50	-\$3.02
985	22-Jan-10	13	10	\$60.60	Yes	\$55.50	-\$5.10
986	22-Jan-10	13	11	\$60.13	Yes	\$55.50	-\$4.63
987	22-Jan-10	13	12	\$60.57	Yes	\$55.50	-\$5.07
988	22-Jan-10	14	1	\$60.38	Yes	\$55.50	-\$4.88
989	22-Jan-10	14	2	\$60.97	Yes	\$55.50	-\$5.47
990	22-Jan-10	14	3	\$59.47	Yes	\$55.50	-\$3.97
991	22-Jan-10	14	4	\$59.02	Yes	\$55.50	-\$3.52
992	22-Jan-10	14	5	\$58.84	Yes	\$55.50	-\$3.34
993	22-Jan-10	14	6	\$56.06	Yes	\$55.50	-\$0.56
994	22-Jan-10	14	7	\$55.99	Yes	\$55.50	-\$0.49
995	22-Jan-10	14	8	\$55.99	Yes	\$55.50	-\$0.49
996	22-Jan-10	14	9	\$55.99	Yes	\$55.50	-\$0.49
997	22-Jan-10	14	10	\$55.99	Yes	\$55.50	-\$0.49
998	22-Jan-10	14	11	\$55.99	Yes	\$55.50	-\$0.49
999	22-Jan-10	14	12	\$52.35	Yes	\$55.50	\$3.15
1000	22-Jan-10	15	1	\$56.63	Yes	\$55.50	-\$1.13
1001	22-Jan-10	15	2	\$55.85	Yes	\$55.50	-\$0.35
1002	22-Jan-10	15	3	\$55.84	Yes	\$55.50	-\$0.34
1003	22-Jan-10	15	4	\$55.88	Yes	\$55.50	-\$0.38
1004	22-Jan-10	15	5	\$55.88	Yes	\$55.50	-\$0.38
1005	22-Jan-10	15	6	\$55.88	Yes	\$55.50	-\$0.38
1006	22-Jan-10	15	7	\$55.83	Yes	\$55.50	-\$0.33
1007	22-Jan-10	15	8	\$55.83	Yes	\$55.50	-\$0.33
1008	22-Jan-10	15	9	\$55.83	Yes	\$55.50	-\$0.33
1009	22-Jan-10	15	10	\$54.00	Yes	\$55.50	\$1.50
1010	22-Jan-10	15	11	\$54.30	Yes	\$55.50	\$1.20
1011	22-Jan-10	15	12	\$55.37	Yes	\$55.50	\$0.13
1012	22-Jan-10	16	1	\$46.45	Yes	\$55.50	\$9.05
1013	22-Jan-10	16	2	\$46.76	Yes	\$55.50	\$8.74
1014	22-Jan-10	16	3	\$51.42	Yes	\$55.50	\$4.08

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1015	22-Jan-10	16	4	\$46.44	Yes	\$55.50	\$9.06
1016	22-Jan-10	16	5	\$48.83	Yes	\$55.50	\$6.67
1017	22-Jan-10	16	6	\$50.03	Yes	\$55.50	\$5.47
1018	22-Jan-10	16	7	\$50.07	Yes	\$55.50	\$5.43
1019	22-Jan-10	16	8	\$50.07	Yes	\$55.50	\$5.43
1020	22-Jan-10	16	9	\$46.99	Yes	\$55.50	\$8.51
1021	22-Jan-10	16	10	\$50.06	Yes	\$55.50	\$5.44
1022	22-Jan-10	16	11	\$50.06	Yes	\$55.50	\$5.44
1023	22-Jan-10	16	12	\$53.33	Yes	\$55.50	\$2.17
1024	22-Jan-10	17	1	\$42.12	Yes	\$55.50	\$13.38
1025	22-Jan-10	17	2	\$42.53	Yes	\$55.50	\$12.97
1026	22-Jan-10	17	3	\$42.97	Yes	\$55.50	\$12.53
1027	22-Jan-10	17	4	\$44.40	Yes	\$55.50	\$11.10
1028	22-Jan-10	17	5	\$44.83	Yes	\$55.50	\$10.67
1029	22-Jan-10	17	6	\$45.37	Yes	\$55.50	\$10.13
1030	22-Jan-10	17	7	\$45.40	Yes	\$55.50	\$10.10
1031	22-Jan-10	17	8	\$45.61	Yes	\$55.50	\$9.89
1032	22-Jan-10	17	9	\$50.00	Yes	\$55.50	\$5.50
1033	22-Jan-10	17	10	\$56.07	Yes	\$55.50	-\$0.57
1034	22-Jan-10	17	11	\$57.33	Yes	\$55.50	-\$1.83
1035	22-Jan-10	17	12	\$62.38	Yes	\$55.50	-\$6.88
1036	22-Jan-10	18	1	\$41.03	Yes	\$55.50	\$14.47
1037	22-Jan-10	18	2	\$42.71	Yes	\$55.50	\$12.79
1038	22-Jan-10	18	3	\$43.85	Yes	\$55.50	\$11.65
1039	22-Jan-10	18	4	\$46.63	Yes	\$55.50	\$8.87
1040	22-Jan-10	18	5	\$50.26	Yes	\$55.50	\$5.24
1041	22-Jan-10	18	6	\$60.18	Yes	\$55.50	-\$4.68
1042	22-Jan-10	18	7	\$62.59	Yes	\$55.50	-\$7.09
1043	22-Jan-10	18	8	\$62.59	Yes	\$55.50	-\$7.09
1044	22-Jan-10	18	9	\$116.64	Yes	\$55.50	-\$61.14
1045	22-Jan-10	18	10	\$210.18	Yes	\$55.50	-\$154.68
1046	22-Jan-10	18	11	\$210.18	Yes	\$55.50	-\$154.68
1047	22-Jan-10	18	12	\$210.18	Yes	\$55.50	-\$154.68
1048	22-Jan-10	19	1	\$209.69	Yes	\$55.50	-\$154.19
1049	22-Jan-10	19	2	\$87.05	Yes	\$55.50	-\$31.55
1050	22-Jan-10	19	3	\$86.45	Yes	\$55.50	-\$30.95
1051	22-Jan-10	19	4	\$79.77	Yes	\$55.50	-\$24.27
1052	22-Jan-10	19	5	\$69.11	Yes	\$55.50	-\$13.61
1053	22-Jan-10	19	6	\$72.01	Yes	\$55.50	-\$16.51
1054	22-Jan-10	19	7	\$62.48	Yes	\$55.50	-\$6.98
1055	22-Jan-10	19	8	\$40.31	Yes	\$55.50	\$15.19
1056	22-Jan-10	19	9	\$42.88	Yes	\$55.50	\$12.62
1057	22-Jan-10	19	10	\$59.00	Yes	\$55.50	-\$3.50
1058	22-Jan-10	19	11	\$59.00	Yes	\$55.50	-\$3.50
1059	22-Jan-10	19	12	\$59.00	Yes	\$55.50	-\$3.50

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1060	22-Jan-10	20	1	\$59.00	Yes	\$55.50	-\$3.50
1061	22-Jan-10	20	2	\$57.96	Yes	\$55.50	-\$2.46
1062	22-Jan-10	20	3	\$42.88	Yes	\$55.50	\$12.62
1063	22-Jan-10	20	4	\$55.71	Yes	\$55.50	-\$0.21
1064	22-Jan-10	20	5	\$55.71	Yes	\$55.50	-\$0.21
1065	22-Jan-10	20	6	\$42.88	Yes	\$55.50	\$12.62
1066	22-Jan-10	20	7	\$72.66	Yes	\$55.50	-\$17.16
1067	22-Jan-10	20	8	\$39.82	Yes	\$55.50	\$15.68
1068	22-Jan-10	20	9	\$42.88	Yes	\$55.50	\$12.62
1069	22-Jan-10	20	10	\$44.14	Yes	\$55.50	\$11.36
1070	22-Jan-10	20	11	\$42.88	Yes	\$55.50	\$12.62
1071	22-Jan-10	20	12	\$42.88	Yes	\$55.50	\$12.62
1072	22-Jan-10	21	1	\$47.41	Yes	\$55.50	\$8.09
1073	22-Jan-10	21	2	\$45.14	Yes	\$55.50	\$10.36
1074	22-Jan-10	21	3	\$42.80	Yes	\$55.50	\$12.70
1075	22-Jan-10	21	4	\$42.88	Yes	\$55.50	\$12.62
1076	22-Jan-10	21	5	\$42.88	Yes	\$55.50	\$12.62
1077	22-Jan-10	21	6	\$40.31	Yes	\$55.50	\$15.19
1078	22-Jan-10	21	7	\$59.79	Yes	\$55.50	-\$4.29
1079	22-Jan-10	21	8	\$42.76	Yes	\$55.50	\$12.74
1080	22-Jan-10	21	9	\$42.76	Yes	\$55.50	\$12.74
1081	22-Jan-10	21	10	\$40.31	Yes	\$55.50	\$15.19
1082	22-Jan-10	21	11	\$40.31	Yes	\$55.50	\$15.19
1083	22-Jan-10	21	12	\$34.66	Yes	\$55.50	\$20.84
1084	22-Jan-10	22	1	\$79.17	Yes	\$55.50	-\$23.67
1085	22-Jan-10	22	2	\$56.91	Yes	\$55.50	-\$1.41
1086	22-Jan-10	22	3	\$50.09	Yes	\$55.50	\$5.41
1087	22-Jan-10	22	4	\$49.60	Yes	\$55.50	\$5.90
1088	22-Jan-10	22	5	\$50.00	Yes	\$55.50	\$5.50
1089	22-Jan-10	22	6	\$45.18	Yes	\$55.50	\$10.32
1090	22-Jan-10	22	7	\$44.77	Yes	\$55.50	\$10.73
1091	22-Jan-10	22	8	\$44.37	Yes	\$55.50	\$11.13
1092	22-Jan-10	22	9	\$42.49	Yes	\$55.50	\$13.01
1093	22-Jan-10	22	10	\$41.71	Yes	\$55.50	\$13.79
1094	22-Jan-10	22	11	\$39.67	Yes	\$55.50	\$15.83
1095	22-Jan-10	22	12	\$37.63	Yes	\$55.50	\$17.87
1096	22-Jan-10	23	1	\$111.47	Yes	\$55.50	-\$55.97
1097	22-Jan-10	23	2	\$83.16	Yes	\$55.50	-\$27.66
1098	22-Jan-10	23	3	\$48.20	Yes	\$55.50	\$7.30
1099	22-Jan-10	23	4	\$52.60	Yes	\$55.50	\$2.90
1100	22-Jan-10	23	5	\$49.74	Yes	\$55.50	\$5.76
1101	22-Jan-10	23	6	\$46.60	Yes	\$55.50	\$8.90
1102	22-Jan-10	23	7	\$49.67	Yes	\$55.50	\$5.83
1103	22-Jan-10	23	8	\$49.67	Yes	\$55.50	\$5.83
1104	22-Jan-10	23	9	\$44.52	Yes	\$55.50	\$10.98

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1105	22-Jan-10	23	10	\$38.15	Yes	\$55.50	\$17.35
1106	22-Jan-10	23	11	\$38.10	Yes	\$55.50	\$17.40
1107	22-Jan-10	23	12	\$41.36	Yes	\$55.50	\$14.14
1108	22-Jan-10	24	1	\$46.45	Yes	\$55.50	\$9.05
1109	22-Jan-10	24	2	\$49.73	Yes	\$55.50	\$5.77
1110	22-Jan-10	24	3	\$43.56	Yes	\$55.50	\$11.94
1111	22-Jan-10	24	4	\$42.13	Yes	\$55.50	\$13.37
1112	22-Jan-10	24	5	\$42.13	Yes	\$55.50	\$13.37
1113	22-Jan-10	24	6	\$42.11	Yes	\$55.50	\$13.39
1114	22-Jan-10	24	7	\$40.58	Yes	\$55.50	\$14.92
1115	22-Jan-10	24	8	\$40.05	Yes	\$55.50	\$15.45
1116	22-Jan-10	24	9	\$37.93	Yes	\$55.50	\$17.57
1117	22-Jan-10	24	10	\$37.55	Yes	\$55.50	\$17.95
1118	22-Jan-10	24	11	\$36.69	Yes	\$55.50	\$18.81
1119	22-Jan-10	24	12	\$34.69	Yes	\$55.50	\$20.81
1120	25-Jan-10	6	1	\$40.41	Yes	\$57.53	\$17.12
1121	25-Jan-10	6	2	\$39.94	Yes	\$57.53	\$17.59
1122	25-Jan-10	6	3	\$40.41	Yes	\$57.53	\$17.12
1123	25-Jan-10	6	4	\$39.25	Yes	\$57.53	\$18.28
1124	25-Jan-10	6	5	\$39.49	Yes	\$57.53	\$18.04
1125	25-Jan-10	6	6	\$41.04	Yes	\$57.53	\$16.49
1126	25-Jan-10	6	7	\$43.31	Yes	\$57.53	\$14.22
1127	25-Jan-10	6	8	\$43.29	Yes	\$57.53	\$14.24
1128	25-Jan-10	6	9	\$46.16	Yes	\$57.53	\$11.37
1129	25-Jan-10	6	10	\$48.05	Yes	\$57.53	\$9.48
1130	25-Jan-10	6	11	\$48.05	Yes	\$57.53	\$9.48
1131	25-Jan-10	6	12	\$52.14	Yes	\$57.53	\$5.39
1132	25-Jan-10	7	1	\$41.58	Yes	\$57.53	\$15.95
1133	25-Jan-10	7	2	\$41.58	Yes	\$57.53	\$15.95
1134	25-Jan-10	7	3	\$44.45	Yes	\$57.53	\$13.08
1135	25-Jan-10	7	4	\$43.44	Yes	\$57.53	\$14.09
1136	25-Jan-10	7	5	\$44.97	Yes	\$57.53	\$12.56
1137	25-Jan-10	7	6	\$47.41	Yes	\$57.53	\$10.12
1138	25-Jan-10	7	7	\$48.43	Yes	\$57.53	\$9.10
1139	25-Jan-10	7	8	\$51.75	Yes	\$57.53	\$5.78
1140	25-Jan-10	7	9	\$59.91	Yes	\$57.53	-\$2.38
1141	25-Jan-10	7	10	\$64.40	Yes	\$57.53	-\$6.87
1142	25-Jan-10	7	11	\$64.40	Yes	\$57.53	-\$6.87
1143	25-Jan-10	7	12	\$64.40	Yes	\$57.53	-\$6.87
1144	25-Jan-10	8	1	\$61.08	Yes	\$57.53	-\$3.55
1145	25-Jan-10	8	2	\$51.13	Yes	\$57.53	\$6.40
1146	25-Jan-10	8	3	\$64.52	Yes	\$57.53	-\$6.99
1147	25-Jan-10	8	4	\$64.40	Yes	\$57.53	-\$6.87
1148	25-Jan-10	8	5	\$65.36	Yes	\$57.53	-\$7.83
1149	25-Jan-10	8	6	\$61.28	Yes	\$57.53	-\$3.75

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1150	25-Jan-10	8	7	\$59.32	Yes	\$57.53	-\$1.79
1151	25-Jan-10	8	8	\$59.38	Yes	\$57.53	-\$1.85
1152	25-Jan-10	8	9	\$59.50	Yes	\$57.53	-\$1.97
1153	25-Jan-10	8	10	\$64.42	Yes	\$57.53	-\$6.89
1154	25-Jan-10	8	11	\$64.42	Yes	\$57.53	-\$6.89
1155	25-Jan-10	8	12	\$67.07	Yes	\$57.53	-\$9.54
1156	25-Jan-10	9	1	\$48.60	Yes	\$57.53	\$8.93
1157	25-Jan-10	9	2	\$51.04	Yes	\$57.53	\$6.49
1158	25-Jan-10	9	3	\$51.04	Yes	\$57.53	\$6.49
1159	25-Jan-10	9	4	\$49.10	Yes	\$57.53	\$8.43
1160	25-Jan-10	9	5	\$51.05	Yes	\$57.53	\$6.48
1161	25-Jan-10	9	6	\$49.69	Yes	\$57.53	\$7.84
1162	25-Jan-10	9	7	\$52.23	Yes	\$57.53	\$5.30
1163	25-Jan-10	9	8	\$57.40	Yes	\$57.53	\$0.13
1164	25-Jan-10	9	9	\$59.46	Yes	\$57.53	-\$1.93
1165	25-Jan-10	9	10	\$59.64	Yes	\$57.53	-\$2.11
1166	25-Jan-10	9	11	\$54.47	Yes	\$57.53	\$3.06
1167	25-Jan-10	9	12	\$49.79	Yes	\$57.53	\$7.74
1168	25-Jan-10	10	1	\$48.66	Yes	\$57.53	\$8.87
1169	25-Jan-10	10	2	\$48.66	Yes	\$57.53	\$8.87
1170	25-Jan-10	10	3	\$48.66	Yes	\$57.53	\$8.87
1171	25-Jan-10	10	4	\$49.19	Yes	\$57.53	\$8.34
1172	25-Jan-10	10	5	\$49.19	Yes	\$57.53	\$8.34
1173	25-Jan-10	10	6	\$49.19	Yes	\$57.53	\$8.34
1174	25-Jan-10	10	7	\$49.25	Yes	\$57.53	\$8.28
1175	25-Jan-10	10	8	\$49.25	Yes	\$57.53	\$8.28
1176	25-Jan-10	10	9	\$49.25	Yes	\$57.53	\$8.28
1177	25-Jan-10	10	10	\$49.19	Yes	\$57.53	\$8.34
1178	25-Jan-10	10	11	\$49.41	Yes	\$57.53	\$8.12
1179	25-Jan-10	10	12	\$49.19	Yes	\$57.53	\$8.34
1180	25-Jan-10	11	1	\$49.13	Yes	\$57.53	\$8.40
1181	25-Jan-10	11	2	\$49.13	Yes	\$57.53	\$8.40
1182	25-Jan-10	11	3	\$51.34	Yes	\$57.53	\$6.19
1183	25-Jan-10	11	4	\$57.42	Yes	\$57.53	\$0.11
1184	25-Jan-10	11	5	\$49.13	Yes	\$57.53	\$8.40
1185	25-Jan-10	11	6	\$51.30	Yes	\$57.53	\$6.23
1186	25-Jan-10	11	7	\$60.92	Yes	\$57.53	-\$3.39
1187	25-Jan-10	11	8	\$59.71	Yes	\$57.53	-\$2.18
1188	25-Jan-10	11	9	\$60.92	Yes	\$57.53	-\$3.39
1189	25-Jan-10	11	10	\$51.35	Yes	\$57.53	\$6.18
1190	25-Jan-10	11	11	\$51.35	Yes	\$57.53	\$6.18
1191	25-Jan-10	11	12	\$49.17	Yes	\$57.53	\$8.36
1192	25-Jan-10	12	1	\$51.48	Yes	\$57.53	\$6.05
1193	25-Jan-10	12	2	\$49.57	Yes	\$57.53	\$7.96
1194	25-Jan-10	12	3	\$51.48	Yes	\$57.53	\$6.05

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1195	25-Jan-10	12	4	\$64.11	Yes	\$57.53	-\$6.58
1196	25-Jan-10	12	5	\$62.43	Yes	\$57.53	-\$4.90
1197	25-Jan-10	12	6	\$59.42	Yes	\$57.53	-\$1.89
1198	25-Jan-10	12	7	\$64.26	Yes	\$57.53	-\$6.73
1199	25-Jan-10	12	8	\$64.26	Yes	\$57.53	-\$6.73
1200	25-Jan-10	12	9	\$63.86	Yes	\$57.53	-\$6.33
1201	25-Jan-10	12	10	\$49.11	Yes	\$57.53	\$8.42
1202	25-Jan-10	12	11	\$49.11	Yes	\$57.53	\$8.42
1203	25-Jan-10	12	12	\$49.11	Yes	\$57.53	\$8.42
1204	25-Jan-10	13	1	\$57.40	Yes	\$57.53	\$0.13
1205	25-Jan-10	13	2	\$58.97	Yes	\$57.53	-\$1.44
1206	25-Jan-10	13	3	\$59.89	Yes	\$57.53	-\$2.36
1207	25-Jan-10	13	4	\$63.02	Yes	\$57.53	-\$5.49
1208	25-Jan-10	13	5	\$64.60	Yes	\$57.53	-\$7.07
1209	25-Jan-10	13	6	\$64.60	Yes	\$57.53	-\$7.07
1210	25-Jan-10	13	7	\$64.72	Yes	\$57.53	-\$7.19
1211	25-Jan-10	13	8	\$64.72	Yes	\$57.53	-\$7.19
1212	25-Jan-10	13	9	\$64.72	Yes	\$57.53	-\$7.19
1213	25-Jan-10	13	10	\$64.09	Yes	\$57.53	-\$6.56
1214	25-Jan-10	13	11	\$64.72	Yes	\$57.53	-\$7.19
1215	25-Jan-10	13	12	\$63.14	Yes	\$57.53	-\$5.61
1216	25-Jan-10	14	1	\$64.29	Yes	\$57.53	-\$6.76
1217	25-Jan-10	14	2	\$64.29	Yes	\$57.53	-\$6.76
1218	25-Jan-10	14	3	\$62.10	Yes	\$57.53	-\$4.57
1219	25-Jan-10	14	4	\$61.88	Yes	\$57.53	-\$4.35
1220	25-Jan-10	14	5	\$58.37	Yes	\$57.53	-\$0.84
1221	25-Jan-10	14	6	\$55.86	Yes	\$57.53	\$1.67
1222	25-Jan-10	14	7	\$51.34	Yes	\$57.53	\$6.19
1223	25-Jan-10	14	8	\$51.20	Yes	\$57.53	\$6.33
1224	25-Jan-10	14	9	\$59.90	Yes	\$57.53	-\$2.37
1225	25-Jan-10	14	10	\$58.35	Yes	\$57.53	-\$0.82
1226	25-Jan-10	14	11	\$51.35	Yes	\$57.53	\$6.18
1227	25-Jan-10	14	12	\$58.82	Yes	\$57.53	-\$1.29
1228	25-Jan-10	15	1	\$61.99	Yes	\$57.53	-\$4.46
1229	25-Jan-10	15	2	\$60.90	Yes	\$57.53	-\$3.37
1230	25-Jan-10	15	3	\$60.90	Yes	\$57.53	-\$3.37
1231	25-Jan-10	15	4	\$58.53	Yes	\$57.53	-\$1.00
1232	25-Jan-10	15	5	\$51.17	Yes	\$57.53	\$6.36
1233	25-Jan-10	15	6	\$51.17	Yes	\$57.53	\$6.36
1234	25-Jan-10	15	7	\$58.61	Yes	\$57.53	-\$1.08
1235	25-Jan-10	15	8	\$51.22	Yes	\$57.53	\$6.31
1236	25-Jan-10	15	9	\$49.16	Yes	\$57.53	\$8.37
1237	25-Jan-10	15	10	\$60.92	Yes	\$57.53	-\$3.39
1238	25-Jan-10	15	11	\$60.92	Yes	\$57.53	-\$3.39
1239	25-Jan-10	15	12	\$58.59	Yes	\$57.53	-\$1.06

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1240	25-Jan-10	16	1	\$58.65	Yes	\$57.53	-\$1.12
1241	25-Jan-10	16	2	\$55.86	Yes	\$57.53	\$1.67
1242	25-Jan-10	16	3	\$51.22	Yes	\$57.53	\$6.31
1243	25-Jan-10	16	4	\$49.18	Yes	\$57.53	\$8.35
1244	25-Jan-10	16	5	\$49.18	Yes	\$57.53	\$8.35
1245	25-Jan-10	16	6	\$49.18	Yes	\$57.53	\$8.35
1246	25-Jan-10	16	7	\$49.20	Yes	\$57.53	\$8.33
1247	25-Jan-10	16	8	\$49.20	Yes	\$57.53	\$8.33
1248	25-Jan-10	16	9	\$49.20	Yes	\$57.53	\$8.33
1249	25-Jan-10	16	10	\$49.18	Yes	\$57.53	\$8.35
1250	25-Jan-10	16	11	\$49.18	Yes	\$57.53	\$8.35
1251	25-Jan-10	16	12	\$49.18	Yes	\$57.53	\$8.35
1252	25-Jan-10	17	1	\$42.00	Yes	\$57.53	\$15.53
1253	25-Jan-10	17	2	\$42.04	Yes	\$57.53	\$15.49
1254	25-Jan-10	17	3	\$42.92	Yes	\$57.53	\$14.61
1255	25-Jan-10	17	4	\$43.57	Yes	\$57.53	\$13.96
1256	25-Jan-10	17	5	\$47.01	Yes	\$57.53	\$10.52
1257	25-Jan-10	17	6	\$47.02	Yes	\$57.53	\$10.51
1258	25-Jan-10	17	7	\$47.19	Yes	\$57.53	\$10.34
1259	25-Jan-10	17	8	\$52.23	Yes	\$57.53	\$5.30
1260	25-Jan-10	17	9	\$58.31	Yes	\$57.53	-\$0.78
1261	25-Jan-10	17	10	\$58.15	Yes	\$57.53	-\$0.62
1262	25-Jan-10	17	11	\$58.15	Yes	\$57.53	-\$0.62
1263	25-Jan-10	17	12	\$56.96	Yes	\$57.53	\$0.57
1264	25-Jan-10	18	1	\$42.66	Yes	\$57.53	\$14.87
1265	25-Jan-10	18	2	\$43.18	Yes	\$57.53	\$14.35
1266	25-Jan-10	18	3	\$43.81	Yes	\$57.53	\$13.72
1267	25-Jan-10	18	4	\$47.46	Yes	\$57.53	\$10.07
1268	25-Jan-10	18	5	\$48.01	Yes	\$57.53	\$9.52
1269	25-Jan-10	18	6	\$52.64	Yes	\$57.53	\$4.89
1270	25-Jan-10	18	7	\$57.52	Yes	\$57.53	\$0.01
1271	25-Jan-10	18	8	\$64.92	Yes	\$57.53	-\$7.39
1272	25-Jan-10	18	9	\$169.24	Yes	\$57.53	-\$111.71
1273	25-Jan-10	18	10	\$68.41	Yes	\$57.53	-\$10.88
1274	25-Jan-10	18	11	\$79.23	Yes	\$57.53	-\$21.70
1275	25-Jan-10	18	12	\$68.12	Yes	\$57.53	-\$10.59
1276	27-Jan-10	1	1	\$44.38	Yes	\$56.19	\$11.81
1277	27-Jan-10	1	2	\$44.15	Yes	\$56.19	\$12.04
1278	27-Jan-10	1	3	\$41.71	Yes	\$56.19	\$14.48
1279	27-Jan-10	1	4	\$42.45	Yes	\$56.19	\$13.74
1280	27-Jan-10	1	5	\$42.45	Yes	\$56.19	\$13.74
1281	27-Jan-10	1	6	\$42.38	Yes	\$56.19	\$13.81
1282	27-Jan-10	1	7	\$42.36	Yes	\$56.19	\$13.83
1283	27-Jan-10	1	8	\$41.61	Yes	\$56.19	\$14.58
1284	27-Jan-10	1	9	\$41.33	Yes	\$56.19	\$14.86

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1285	27-Jan-10	1	10	\$41.34	Yes	\$56.19	\$14.85
1286	27-Jan-10	1	11	\$40.94	Yes	\$56.19	\$15.25
1287	27-Jan-10	1	12	\$40.39	Yes	\$56.19	\$15.80
1288	27-Jan-10	2	1	\$40.43	Yes	\$56.19	\$15.76
1289	27-Jan-10	2	2	\$41.17	Yes	\$56.19	\$15.02
1290	27-Jan-10	2	3	\$40.43	Yes	\$56.19	\$15.76
1291	27-Jan-10	2	4	\$40.27	Yes	\$56.19	\$15.92
1292	27-Jan-10	2	5	\$40.26	Yes	\$56.19	\$15.93
1293	27-Jan-10	2	6	\$40.06	Yes	\$56.19	\$16.13
1294	27-Jan-10	2	7	\$39.57	Yes	\$56.19	\$16.62
1295	27-Jan-10	2	8	\$39.39	Yes	\$56.19	\$16.80
1296	27-Jan-10	2	9	\$39.39	Yes	\$56.19	\$16.80
1297	27-Jan-10	2	10	\$41.10	Yes	\$56.19	\$15.09
1298	27-Jan-10	2	11	\$40.44	Yes	\$56.19	\$15.75
1299	27-Jan-10	2	12	\$39.42	Yes	\$56.19	\$16.77
1300	27-Jan-10	3	1	\$39.81	Yes	\$56.19	\$16.38
1301	27-Jan-10	3	2	\$39.40	Yes	\$56.19	\$16.79
1302	27-Jan-10	3	3	\$39.40	Yes	\$56.19	\$16.79
1303	27-Jan-10	3	4	\$39.11	Yes	\$56.19	\$17.08
1304	27-Jan-10	3	5	\$38.60	Yes	\$56.19	\$17.59
1305	27-Jan-10	3	6	\$38.39	Yes	\$56.19	\$17.80
1306	27-Jan-10	3	7	\$38.53	Yes	\$56.19	\$17.66
1307	27-Jan-10	3	8	\$38.42	Yes	\$56.19	\$17.77
1308	27-Jan-10	3	9	\$38.51	Yes	\$56.19	\$17.68
1309	27-Jan-10	3	10	\$38.44	Yes	\$56.19	\$17.75
1310	27-Jan-10	3	11	\$38.44	Yes	\$56.19	\$17.75
1311	27-Jan-10	3	12	\$38.44	Yes	\$56.19	\$17.75
1312	27-Jan-10	4	1	\$38.31	Yes	\$56.19	\$17.88
1313	27-Jan-10	4	2	\$38.31	Yes	\$56.19	\$17.88
1314	27-Jan-10	4	3	\$38.34	Yes	\$56.19	\$17.85
1315	27-Jan-10	4	4	\$38.48	Yes	\$56.19	\$17.71
1316	27-Jan-10	4	5	\$38.48	Yes	\$56.19	\$17.71
1317	27-Jan-10	4	6	\$38.55	Yes	\$56.19	\$17.64
1318	27-Jan-10	4	7	\$38.57	Yes	\$56.19	\$17.62
1319	27-Jan-10	4	8	\$38.69	Yes	\$56.19	\$17.50
1320	27-Jan-10	4	9	\$39.15	Yes	\$56.19	\$17.04
1321	27-Jan-10	4	10	\$38.62	Yes	\$56.19	\$17.57
1322	27-Jan-10	4	11	\$39.46	Yes	\$56.19	\$16.73
1323	27-Jan-10	4	12	\$40.23	Yes	\$56.19	\$15.96
1324	27-Jan-10	5	1	\$39.34	Yes	\$56.19	\$16.85
1325	27-Jan-10	5	2	\$39.60	Yes	\$56.19	\$16.59
1326	27-Jan-10	5	3	\$38.67	Yes	\$56.19	\$17.52
1327	27-Jan-10	5	4	\$38.62	Yes	\$56.19	\$17.57
1328	27-Jan-10	5	5	\$39.55	Yes	\$56.19	\$16.64
1329	27-Jan-10	5	6	\$39.59	Yes	\$56.19	\$16.60

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1330	27-Jan-10	5	7	\$39.66	Yes	\$56.19	\$16.53
1331	27-Jan-10	5	8	\$40.43	Yes	\$56.19	\$15.76
1332	27-Jan-10	5	9	\$41.41	Yes	\$56.19	\$14.78
1333	27-Jan-10	5	10	\$42.33	Yes	\$56.19	\$13.86
1334	27-Jan-10	5	11	\$42.34	Yes	\$56.19	\$13.85
1335	27-Jan-10	5	12	\$43.31	Yes	\$56.19	\$12.88
1336	27-Jan-10	6	1	\$38.63	Yes	\$56.19	\$17.56
1337	27-Jan-10	6	2	\$38.18	Yes	\$56.19	\$18.01
1338	27-Jan-10	6	3	\$38.18	Yes	\$56.19	\$18.01
1339	27-Jan-10	6	4	\$41.97	Yes	\$56.19	\$14.22
1340	27-Jan-10	6	5	\$41.97	Yes	\$56.19	\$14.22
1341	27-Jan-10	6	6	\$42.48	Yes	\$56.19	\$13.71
1342	27-Jan-10	6	7	\$42.54	Yes	\$56.19	\$13.65
1343	27-Jan-10	6	8	\$44.85	Yes	\$56.19	\$11.34
1344	27-Jan-10	6	9	\$45.47	Yes	\$56.19	\$10.72
1345	27-Jan-10	6	10	\$50.14	Yes	\$56.19	\$6.05
1346	27-Jan-10	6	11	\$50.02	Yes	\$56.19	\$6.17
1347	27-Jan-10	6	12	\$57.48	Yes	\$56.19	-\$1.29
1348	27-Jan-10	7	1	\$10.86	Yes	\$56.19	\$45.33
1349	27-Jan-10	7	2	\$35.51	Yes	\$56.19	\$20.68
1350	27-Jan-10	7	3	\$37.96	Yes	\$56.19	\$18.23
1351	27-Jan-10	7	4	\$38.92	Yes	\$56.19	\$17.27
1352	27-Jan-10	7	5	\$40.77	Yes	\$56.19	\$15.42
1353	27-Jan-10	7	6	\$41.77	Yes	\$56.19	\$14.42
1354	27-Jan-10	7	7	\$42.65	Yes	\$56.19	\$13.54
1355	27-Jan-10	7	8	\$43.56	Yes	\$56.19	\$12.63
1356	27-Jan-10	7	9	\$46.40	Yes	\$56.19	\$9.79
1357	27-Jan-10	7	10	\$47.14	Yes	\$56.19	\$9.05
1358	27-Jan-10	7	11	\$49.64	Yes	\$56.19	\$6.55
1359	27-Jan-10	7	12	\$49.64	Yes	\$56.19	\$6.55
1360	27-Jan-10	8	1	\$46.55	Yes	\$56.19	\$9.64
1361	27-Jan-10	8	2	\$46.55	Yes	\$56.19	\$9.64
1362	27-Jan-10	8	3	\$46.66	Yes	\$56.19	\$9.53
1363	27-Jan-10	8	4	\$50.29	Yes	\$56.19	\$5.90
1364	27-Jan-10	8	5	\$47.54	Yes	\$56.19	\$8.65
1365	27-Jan-10	8	6	\$47.54	Yes	\$56.19	\$8.65
1366	27-Jan-10	8	7	\$48.83	Yes	\$56.19	\$7.36
1367	27-Jan-10	8	8	\$48.83	Yes	\$56.19	\$7.36
1368	27-Jan-10	8	9	\$48.83	Yes	\$56.19	\$7.36
1369	27-Jan-10	8	10	\$49.73	Yes	\$56.19	\$6.46
1370	27-Jan-10	8	11	\$49.73	Yes	\$56.19	\$6.46
1371	27-Jan-10	8	12	\$49.73	Yes	\$56.19	\$6.46
1372	27-Jan-10	9	1	\$46.91	Yes	\$56.19	\$9.28
1373	27-Jan-10	9	2	\$46.91	Yes	\$56.19	\$9.28
1374	27-Jan-10	9	3	\$46.91	Yes	\$56.19	\$9.28

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1375	27-Jan-10	9	4	\$50.40	Yes	\$56.19	\$5.79
1376	27-Jan-10	9	5	\$49.32	Yes	\$56.19	\$6.87
1377	27-Jan-10	9	6	\$49.32	Yes	\$56.19	\$6.87
1378	27-Jan-10	9	7	\$50.38	Yes	\$56.19	\$5.81
1379	27-Jan-10	9	8	\$51.79	Yes	\$56.19	\$4.40
1380	27-Jan-10	9	9	\$50.38	Yes	\$56.19	\$5.81
1381	27-Jan-10	9	10	\$53.06	Yes	\$56.19	\$3.13
1382	27-Jan-10	9	11	\$52.27	Yes	\$56.19	\$3.92
1383	27-Jan-10	9	12	\$53.06	Yes	\$56.19	\$3.13
1384	27-Jan-10	10	1	\$48.62	Yes	\$56.19	\$7.57
1385	27-Jan-10	10	2	\$48.62	Yes	\$56.19	\$7.57
1386	27-Jan-10	10	3	\$48.62	Yes	\$56.19	\$7.57
1387	27-Jan-10	10	4	\$49.60	Yes	\$56.19	\$6.59
1388	27-Jan-10	10	5	\$50.51	Yes	\$56.19	\$5.68
1389	27-Jan-10	10	6	\$50.51	Yes	\$56.19	\$5.68
1390	27-Jan-10	10	7	\$50.45	Yes	\$56.19	\$5.74
1391	27-Jan-10	10	8	\$51.72	Yes	\$56.19	\$4.47
1392	27-Jan-10	10	9	\$51.72	Yes	\$56.19	\$4.47
1393	27-Jan-10	10	10	\$52.15	Yes	\$56.19	\$4.04
1394	27-Jan-10	10	11	\$52.15	Yes	\$56.19	\$4.04
1395	27-Jan-10	10	12	\$51.76	Yes	\$56.19	\$4.43
1396	27-Jan-10	11	1	\$50.58	Yes	\$56.19	\$5.61
1397	27-Jan-10	11	2	\$49.04	Yes	\$56.19	\$7.15
1398	27-Jan-10	11	3	\$49.04	Yes	\$56.19	\$7.15
1399	27-Jan-10	11	4	\$49.22	Yes	\$56.19	\$6.97
1400	27-Jan-10	11	5	\$49.22	Yes	\$56.19	\$6.97
1401	27-Jan-10	11	6	\$49.22	Yes	\$56.19	\$6.97
1402	27-Jan-10	11	7	\$50.58	Yes	\$56.19	\$5.61
1403	27-Jan-10	11	8	\$50.58	Yes	\$56.19	\$5.61
1404	27-Jan-10	11	9	\$50.58	Yes	\$56.19	\$5.61
1405	27-Jan-10	11	10	\$50.64	Yes	\$56.19	\$5.55
1406	27-Jan-10	11	11	\$50.64	Yes	\$56.19	\$5.55
1407	27-Jan-10	11	12	\$52.66	Yes	\$56.19	\$3.53
1408	27-Jan-10	12	1	\$56.56	Yes	\$56.19	-\$0.37
1409	27-Jan-10	12	2	\$64.48	Yes	\$56.19	-\$8.29
1410	27-Jan-10	12	3	\$56.69	Yes	\$56.19	-\$0.50
1411	27-Jan-10	12	4	\$56.05	Yes	\$56.19	\$0.14
1412	27-Jan-10	12	5	\$56.05	Yes	\$56.19	\$0.14
1413	27-Jan-10	12	6	\$53.53	Yes	\$56.19	\$2.66
1414	27-Jan-10	12	7	\$62.05	Yes	\$56.19	-\$5.86
1415	27-Jan-10	12	8	\$58.63	Yes	\$56.19	-\$2.44
1416	27-Jan-10	12	9	\$49.73	Yes	\$56.19	\$6.46
1417	27-Jan-10	12	10	\$64.34	Yes	\$56.19	-\$8.15
1418	27-Jan-10	12	11	\$58.77	Yes	\$56.19	-\$2.58
1419	27-Jan-10	12	12	\$61.45	Yes	\$56.19	-\$5.26

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1420	27-Jan-10	13	1	\$64.55	Yes	\$56.19	-\$8.36
1421	27-Jan-10	13	2	\$50.71	Yes	\$56.19	\$5.48
1422	27-Jan-10	13	3	\$50.71	Yes	\$56.19	\$5.48
1423	27-Jan-10	13	4	\$50.62	Yes	\$56.19	\$5.57
1424	27-Jan-10	13	5	\$47.45	Yes	\$56.19	\$8.74
1425	27-Jan-10	13	6	\$44.80	Yes	\$56.19	\$11.39
1426	27-Jan-10	13	7	\$44.88	Yes	\$56.19	\$11.31
1427	27-Jan-10	13	8	\$44.17	Yes	\$56.19	\$12.02
1428	27-Jan-10	13	9	\$44.88	Yes	\$56.19	\$11.31
1429	27-Jan-10	13	10	\$45.23	Yes	\$56.19	\$10.96
1430	27-Jan-10	13	11	\$50.74	Yes	\$56.19	\$5.45
1431	27-Jan-10	13	12	\$45.23	Yes	\$56.19	\$10.96
1432	27-Jan-10	14	1	\$47.73	Yes	\$56.19	\$8.46
1433	27-Jan-10	14	2	\$45.51	Yes	\$56.19	\$10.68
1434	27-Jan-10	14	3	\$45.14	Yes	\$56.19	\$11.05
1435	27-Jan-10	14	4	\$44.29	Yes	\$56.19	\$11.90
1436	27-Jan-10	14	5	\$44.29	Yes	\$56.19	\$11.90
1437	27-Jan-10	14	6	\$44.29	Yes	\$56.19	\$11.90
1438	27-Jan-10	14	7	\$44.28	Yes	\$56.19	\$11.91
1439	27-Jan-10	14	8	\$44.28	Yes	\$56.19	\$11.91
1440	27-Jan-10	14	9	\$44.19	Yes	\$56.19	\$12.00
1441	27-Jan-10	14	10	\$44.22	Yes	\$56.19	\$11.97
1442	27-Jan-10	14	11	\$44.26	Yes	\$56.19	\$11.93
1443	27-Jan-10	14	12	\$44.63	Yes	\$56.19	\$11.56
1444	27-Jan-10	15	1	\$46.70	Yes	\$56.19	\$9.49
1445	27-Jan-10	15	2	\$47.05	Yes	\$56.19	\$9.14
1446	27-Jan-10	15	3	\$47.05	Yes	\$56.19	\$9.14
1447	27-Jan-10	15	4	\$46.65	Yes	\$56.19	\$9.54
1448	27-Jan-10	15	5	\$46.65	Yes	\$56.19	\$9.54
1449	27-Jan-10	15	6	\$46.65	Yes	\$56.19	\$9.54
1450	27-Jan-10	15	7	\$46.56	Yes	\$56.19	\$9.63
1451	27-Jan-10	15	8	\$46.54	Yes	\$56.19	\$9.65
1452	27-Jan-10	15	9	\$46.54	Yes	\$56.19	\$9.65
1453	27-Jan-10	15	10	\$45.05	Yes	\$56.19	\$11.14
1454	27-Jan-10	15	11	\$45.05	Yes	\$56.19	\$11.14
1455	27-Jan-10	15	12	\$46.04	Yes	\$56.19	\$10.15
1456	27-Jan-10	16	1	\$43.97	Yes	\$56.19	\$12.22
1457	27-Jan-10	16	2	\$44.52	Yes	\$56.19	\$11.67
1458	27-Jan-10	16	3	\$44.52	Yes	\$56.19	\$11.67
1459	27-Jan-10	16	4	\$43.72	Yes	\$56.19	\$12.47
1460	27-Jan-10	16	5	\$43.72	Yes	\$56.19	\$12.47
1461	27-Jan-10	16	6	\$43.72	Yes	\$56.19	\$12.47
1462	27-Jan-10	16	7	\$43.73	Yes	\$56.19	\$12.46
1463	27-Jan-10	16	8	\$43.73	Yes	\$56.19	\$12.46
1464	27-Jan-10	16	9	\$43.67	Yes	\$56.19	\$12.52

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1465	27-Jan-10	16	10	\$43.09	Yes	\$56.19	\$13.10
1466	27-Jan-10	16	11	\$43.09	Yes	\$56.19	\$13.10
1467	27-Jan-10	16	12	\$44.10	Yes	\$56.19	\$12.09
1468	27-Jan-10	17	1	\$30.89	Yes	\$56.19	\$25.30
1469	27-Jan-10	17	2	\$35.42	Yes	\$56.19	\$20.77
1470	27-Jan-10	17	3	\$36.04	Yes	\$56.19	\$20.15
1471	27-Jan-10	17	4	\$37.80	Yes	\$56.19	\$18.39
1472	27-Jan-10	17	5	\$38.99	Yes	\$56.19	\$17.20
1473	27-Jan-10	17	6	\$39.46	Yes	\$56.19	\$16.73
1474	27-Jan-10	17	7	\$39.43	Yes	\$56.19	\$16.76
1475	27-Jan-10	17	8	\$40.26	Yes	\$56.19	\$15.93
1476	27-Jan-10	17	9	\$40.75	Yes	\$56.19	\$15.44
1477	27-Jan-10	17	10	\$42.68	Yes	\$56.19	\$13.51
1478	27-Jan-10	17	11	\$44.27	Yes	\$56.19	\$11.92
1479	27-Jan-10	17	12	\$46.89	Yes	\$56.19	\$9.30
1480	27-Jan-10	18	1	\$40.39	Yes	\$56.55	\$16.16
1481	27-Jan-10	18	2	\$40.39	Yes	\$56.55	\$16.16
1482	27-Jan-10	18	3	\$41.11	Yes	\$56.55	\$15.44
1483	27-Jan-10	18	4	\$42.12	Yes	\$56.55	\$14.43
1484	27-Jan-10	18	5	\$43.25	Yes	\$56.55	\$13.30
1485	27-Jan-10	18	6	\$44.38	Yes	\$56.55	\$12.17
1486	27-Jan-10	18	7	\$52.60	Yes	\$56.55	\$3.95
1487	27-Jan-10	18	8	\$53.47	Yes	\$56.55	\$3.08
1488	27-Jan-10	18	9	\$64.67	Yes	\$56.55	-\$8.12
1489	27-Jan-10	18	10	\$64.69	Yes	\$56.55	-\$8.14
1490	27-Jan-10	18	11	\$64.69	Yes	\$56.55	-\$8.14
1491	27-Jan-10	18	12	\$115.85	Yes	\$56.55	-\$59.30
1492	27-Jan-10	19	1	\$207.28	Yes	\$56.55	-\$150.73
1493	27-Jan-10	19	2	\$207.28	Yes	\$56.55	-\$150.73
1494	27-Jan-10	19	3	\$72.67	Yes	\$56.55	-\$16.12
1495	27-Jan-10	19	4	\$67.09	Yes	\$56.55	-\$10.54
1496	27-Jan-10	19	5	\$64.38	Yes	\$56.55	-\$7.83
1497	27-Jan-10	19	6	\$54.76	Yes	\$56.55	\$1.79
1498	27-Jan-10	19	7	\$58.23	Yes	\$56.55	-\$1.68
1499	27-Jan-10	19	8	\$57.56	Yes	\$56.55	-\$1.01
1500	27-Jan-10	19	9	\$58.90	Yes	\$56.55	-\$2.35
1501	27-Jan-10	19	10	\$61.55	Yes	\$56.55	-\$5.00
1502	27-Jan-10	19	11	\$52.87	Yes	\$56.55	\$3.68
1503	27-Jan-10	19	12	\$52.87	Yes	\$56.55	\$3.68
1504	27-Jan-10	20	1	\$56.42	Yes	\$56.19	-\$0.23
1505	27-Jan-10	20	2	\$52.73	Yes	\$56.19	\$3.46
1506	27-Jan-10	20	3	\$51.93	Yes	\$56.19	\$4.26
1507	27-Jan-10	20	4	\$50.68	Yes	\$56.19	\$5.51
1508	27-Jan-10	20	5	\$50.68	Yes	\$56.19	\$5.51
1509	27-Jan-10	20	6	\$50.68	Yes	\$56.19	\$5.51

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1510	27-Jan-10	20	7	\$50.99	Yes	\$56.19	\$5.20
1511	27-Jan-10	20	8	\$47.67	Yes	\$56.19	\$8.52
1512	27-Jan-10	20	9	\$47.67	Yes	\$56.19	\$8.52
1513	27-Jan-10	20	10	\$44.41	Yes	\$56.19	\$11.78
1514	27-Jan-10	20	11	\$45.05	Yes	\$56.19	\$11.14
1515	27-Jan-10	20	12	\$49.84	Yes	\$56.19	\$6.35
1516	29-Jan-10	7	1	\$37.69	Yes	\$53.52	\$15.83
1517	29-Jan-10	7	2	\$40.99	Yes	\$53.52	\$12.53
1518	29-Jan-10	7	3	\$41.35	Yes	\$53.52	\$12.17
1519	29-Jan-10	7	4	\$44.48	Yes	\$53.52	\$9.04
1520	29-Jan-10	7	5	\$46.64	Yes	\$53.52	\$6.88
1521	29-Jan-10	7	6	\$48.33	Yes	\$53.52	\$5.19
1522	29-Jan-10	7	7	\$53.83	Yes	\$53.52	-\$0.31
1523	29-Jan-10	7	8	\$48.38	Yes	\$53.52	\$5.14
1524	29-Jan-10	7	9	\$57.06	Yes	\$53.52	-\$3.54
1525	29-Jan-10	7	10	\$59.64	Yes	\$53.52	-\$6.12
1526	29-Jan-10	7	11	\$57.33	Yes	\$53.52	-\$3.81
1527	29-Jan-10	7	12	\$60.69	Yes	\$53.52	-\$7.17
1528	29-Jan-10	8	1	\$46.85	Yes	\$53.52	\$6.67
1529	29-Jan-10	8	2	\$45.07	Yes	\$53.52	\$8.45
1530	29-Jan-10	8	3	\$45.07	Yes	\$53.52	\$8.45
1531	29-Jan-10	8	4	\$45.06	Yes	\$53.52	\$8.46
1532	29-Jan-10	8	5	\$45.06	Yes	\$53.52	\$8.46
1533	29-Jan-10	8	6	\$45.06	Yes	\$53.52	\$8.46
1534	29-Jan-10	8	7	\$45.04	Yes	\$53.52	\$8.48
1535	29-Jan-10	8	8	\$45.04	Yes	\$53.52	\$8.48
1536	29-Jan-10	8	9	\$45.04	Yes	\$53.52	\$8.48
1537	29-Jan-10	8	10	\$46.90	Yes	\$53.52	\$6.62
1538	29-Jan-10	8	11	\$46.90	Yes	\$53.52	\$6.62
1539	29-Jan-10	8	12	\$46.90	Yes	\$53.52	\$6.62
1540	29-Jan-10	9	1	\$45.01	Yes	\$53.52	\$8.51
1541	29-Jan-10	9	2	\$45.40	Yes	\$53.52	\$8.12
1542	29-Jan-10	9	3	\$45.40	Yes	\$53.52	\$8.12
1543	29-Jan-10	9	4	\$46.88	Yes	\$53.52	\$6.64
1544	29-Jan-10	9	5	\$46.88	Yes	\$53.52	\$6.64
1545	29-Jan-10	9	6	\$46.88	Yes	\$53.52	\$6.64
1546	29-Jan-10	9	7	\$46.96	Yes	\$53.52	\$6.56
1547	29-Jan-10	9	8	\$46.96	Yes	\$53.52	\$6.56
1548	29-Jan-10	9	9	\$48.28	Yes	\$53.52	\$5.24
1549	29-Jan-10	9	10	\$48.69	Yes	\$53.52	\$4.83
1550	29-Jan-10	9	11	\$54.07	Yes	\$53.52	-\$0.55
1551	29-Jan-10	9	12	\$47.66	Yes	\$53.52	\$5.86
1552	29-Jan-10	10	1	\$45.37	Yes	\$53.52	\$8.15
1553	29-Jan-10	10	2	\$45.37	Yes	\$53.52	\$8.15
1554	29-Jan-10	10	3	\$45.37	Yes	\$53.52	\$8.15

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1555	29-Jan-10	10	4	\$45.42	Yes	\$53.52	\$8.10
1556	29-Jan-10	10	5	\$45.42	Yes	\$53.52	\$8.10
1557	29-Jan-10	10	6	\$46.81	Yes	\$53.52	\$6.71
1558	29-Jan-10	10	7	\$46.93	Yes	\$53.52	\$6.59
1559	29-Jan-10	10	8	\$46.93	Yes	\$53.52	\$6.59
1560	29-Jan-10	10	9	\$46.93	Yes	\$53.52	\$6.59
1561	29-Jan-10	10	10	\$46.89	Yes	\$53.52	\$6.63
1562	29-Jan-10	10	11	\$48.83	Yes	\$53.52	\$4.69
1563	29-Jan-10	10	12	\$48.83	Yes	\$53.52	\$4.69
1564	29-Jan-10	11	1	\$47.46	Yes	\$53.52	\$6.06
1565	29-Jan-10	11	2	\$47.46	Yes	\$53.52	\$6.06
1566	29-Jan-10	11	3	\$47.46	Yes	\$53.52	\$6.06
1567	29-Jan-10	11	4	\$47.77	Yes	\$53.52	\$5.75
1568	29-Jan-10	11	5	\$47.77	Yes	\$53.52	\$5.75
1569	29-Jan-10	11	6	\$47.77	Yes	\$53.52	\$5.75
1570	29-Jan-10	11	7	\$47.72	Yes	\$53.52	\$5.80
1571	29-Jan-10	11	8	\$47.72	Yes	\$53.52	\$5.80
1572	29-Jan-10	11	9	\$47.72	Yes	\$53.52	\$5.80
1573	29-Jan-10	11	10	\$47.55	Yes	\$53.52	\$5.97
1574	29-Jan-10	11	11	\$47.55	Yes	\$53.52	\$5.97
1575	29-Jan-10	11	12	\$47.55	Yes	\$53.52	\$5.97
1576	29-Jan-10	12	1	\$46.54	Yes	\$53.52	\$6.98
1577	29-Jan-10	12	2	\$48.89	Yes	\$53.52	\$4.63
1578	29-Jan-10	12	3	\$48.89	Yes	\$53.52	\$4.63
1579	29-Jan-10	12	4	\$48.84	Yes	\$53.52	\$4.68
1580	29-Jan-10	12	5	\$49.92	Yes	\$53.52	\$3.60
1581	29-Jan-10	12	6	\$48.84	Yes	\$53.52	\$4.68
1582	29-Jan-10	12	7	\$47.49	Yes	\$53.52	\$6.03
1583	29-Jan-10	12	8	\$47.49	Yes	\$53.52	\$6.03
1584	29-Jan-10	12	9	\$47.49	Yes	\$53.52	\$6.03
1585	29-Jan-10	12	10	\$46.61	Yes	\$53.52	\$6.91
1586	29-Jan-10	12	11	\$46.61	Yes	\$53.52	\$6.91
1587	29-Jan-10	12	12	\$46.61	Yes	\$53.52	\$6.91
1588	29-Jan-10	13	1	\$44.17	Yes	\$53.52	\$9.35
1589	29-Jan-10	13	2	\$44.17	Yes	\$53.52	\$9.35
1590	29-Jan-10	13	3	\$44.17	Yes	\$53.52	\$9.35
1591	29-Jan-10	13	4	\$43.72	Yes	\$53.52	\$9.80
1592	29-Jan-10	13	5	\$43.29	Yes	\$53.52	\$10.23
1593	29-Jan-10	13	6	\$43.29	Yes	\$53.52	\$10.23
1594	29-Jan-10	13	7	\$45.27	Yes	\$53.52	\$8.25
1595	29-Jan-10	13	8	\$46.49	Yes	\$53.52	\$7.03
1596	29-Jan-10	13	9	\$45.27	Yes	\$53.52	\$8.25
1597	29-Jan-10	13	10	\$43.52	Yes	\$53.52	\$10.00
1598	29-Jan-10	13	11	\$43.52	Yes	\$53.52	\$10.00
1599	29-Jan-10	13	12	\$43.52	Yes	\$53.52	\$10.00

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1600	29-Jan-10	14	1	\$44.29	Yes	\$53.52	\$9.23
1601	29-Jan-10	14	2	\$44.29	Yes	\$53.52	\$9.23
1602	29-Jan-10	14	3	\$44.29	Yes	\$53.52	\$9.23
1603	29-Jan-10	14	4	\$44.36	Yes	\$53.52	\$9.16
1604	29-Jan-10	14	5	\$44.36	Yes	\$53.52	\$9.16
1605	29-Jan-10	14	6	\$44.36	Yes	\$53.52	\$9.16
1606	29-Jan-10	14	7	\$43.64	Yes	\$53.52	\$9.88
1607	29-Jan-10	14	8	\$43.33	Yes	\$53.52	\$10.19
1608	29-Jan-10	14	9	\$43.33	Yes	\$53.52	\$10.19
1609	29-Jan-10	14	10	\$44.45	Yes	\$53.52	\$9.07
1610	29-Jan-10	14	11	\$44.45	Yes	\$53.52	\$9.07
1611	29-Jan-10	14	12	\$44.45	Yes	\$53.52	\$9.07
1612	29-Jan-10	15	1	\$44.39	Yes	\$53.52	\$9.13
1613	29-Jan-10	15	2	\$44.39	Yes	\$53.52	\$9.13
1614	29-Jan-10	15	3	\$44.68	Yes	\$53.52	\$8.84
1615	29-Jan-10	15	4	\$44.42	Yes	\$53.52	\$9.10
1616	29-Jan-10	15	5	\$44.93	Yes	\$53.52	\$8.59
1617	29-Jan-10	15	6	\$44.93	Yes	\$53.52	\$8.59
1618	29-Jan-10	15	7	\$45.91	Yes	\$53.52	\$7.61
1619	29-Jan-10	15	8	\$45.91	Yes	\$53.52	\$7.61
1620	29-Jan-10	15	9	\$45.91	Yes	\$53.52	\$7.61
1621	29-Jan-10	15	10	\$41.41	Yes	\$53.52	\$12.11
1622	29-Jan-10	15	11	\$41.41	Yes	\$53.52	\$12.11
1623	29-Jan-10	15	12	\$42.23	Yes	\$53.52	\$11.29
1624	29-Jan-10	16	1	\$41.35	Yes	\$53.52	\$12.17
1625	29-Jan-10	16	2	\$41.35	Yes	\$53.52	\$12.17
1626	29-Jan-10	16	3	\$42.64	Yes	\$53.52	\$10.88
1627	29-Jan-10	16	4	\$42.30	Yes	\$53.52	\$11.22
1628	29-Jan-10	16	5	\$42.06	Yes	\$53.52	\$11.46
1629	29-Jan-10	16	6	\$44.44	Yes	\$53.52	\$9.08
1630	29-Jan-10	16	7	\$44.50	Yes	\$53.52	\$9.02
1631	29-Jan-10	16	8	\$44.50	Yes	\$53.52	\$9.02
1632	29-Jan-10	16	9	\$44.50	Yes	\$53.52	\$9.02
1633	29-Jan-10	16	10	\$44.66	Yes	\$53.52	\$8.86
1634	29-Jan-10	16	11	\$44.66	Yes	\$53.52	\$8.86
1635	29-Jan-10	16	12	\$44.66	Yes	\$53.52	\$8.86
1636	29-Jan-10	17	1	\$42.41	Yes	\$53.52	\$11.11
1637	29-Jan-10	17	2	\$43.48	Yes	\$53.52	\$10.04
1638	29-Jan-10	17	3	\$44.54	Yes	\$53.52	\$8.98
1639	29-Jan-10	17	4	\$44.68	Yes	\$53.52	\$8.84
1640	29-Jan-10	17	5	\$44.68	Yes	\$53.52	\$8.84
1641	29-Jan-10	17	6	\$44.68	Yes	\$53.52	\$8.84
1642	29-Jan-10	17	7	\$46.44	Yes	\$53.52	\$7.08
1643	29-Jan-10	17	8	\$46.90	Yes	\$53.52	\$6.62
1644	29-Jan-10	17	9	\$46.90	Yes	\$53.52	\$6.62

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1645	29-Jan-10	17	10	\$45.20	Yes	\$53.52	\$8.32
1646	29-Jan-10	17	11	\$46.55	Yes	\$53.52	\$6.97
1647	29-Jan-10	17	12	\$46.55	Yes	\$53.86	\$7.31
1648	29-Jan-10	17	12	\$46.55	Yes	\$53.52	\$6.97
1649	29-Jan-10	18	1	\$38.72	Yes	\$53.52	\$14.80
1650	29-Jan-10	18	1	\$38.72	Yes	\$53.86	\$15.14
1651	29-Jan-10	18	2	\$38.20	Yes	\$53.52	\$15.32
1652	29-Jan-10	18	2	\$38.20	Yes	\$53.86	\$15.66
1653	29-Jan-10	18	3	\$39.62	Yes	\$53.52	\$13.90
1654	29-Jan-10	18	3	\$39.62	Yes	\$53.86	\$14.24
1655	29-Jan-10	18	4	\$41.52	Yes	\$53.52	\$12.00
1656	29-Jan-10	18	4	\$41.52	Yes	\$53.86	\$12.34
1657	29-Jan-10	18	5	\$44.48	Yes	\$53.52	\$9.04
1658	29-Jan-10	18	5	\$44.48	Yes	\$53.86	\$9.38
1659	29-Jan-10	18	6	\$45.07	Yes	\$53.52	\$8.45
1660	29-Jan-10	18	6	\$45.07	Yes	\$53.86	\$8.79
1661	29-Jan-10	18	7	\$51.02	Yes	\$53.52	\$2.50
1662	29-Jan-10	18	7	\$51.02	Yes	\$53.86	\$2.84
1663	29-Jan-10	18	8	\$51.02	Yes	\$53.52	\$2.50
1664	29-Jan-10	18	8	\$51.02	Yes	\$53.86	\$2.84
1665	29-Jan-10	18	9	\$56.34	Yes	\$53.52	-\$2.82
1666	29-Jan-10	18	9	\$56.34	Yes	\$53.86	-\$2.48
1667	29-Jan-10	18	10	\$56.12	Yes	\$53.52	-\$2.60
1668	29-Jan-10	18	10	\$56.12	Yes	\$53.86	-\$2.26
1669	29-Jan-10	18	11	\$56.32	Yes	\$53.52	-\$2.80
1670	29-Jan-10	18	11	\$56.32	Yes	\$53.86	-\$2.46
1671	29-Jan-10	18	12	\$54.07	Yes	\$53.52	-\$0.55
1672	29-Jan-10	18	12	\$54.07	Yes	\$53.86	-\$0.21
1673	29-Jan-10	19	1	\$51.00	Yes	\$53.86	\$2.86
1674	29-Jan-10	19	1	\$51.00	Yes	\$53.52	\$2.52
1675	29-Jan-10	19	2	\$51.00	Yes	\$53.52	\$2.52
1676	29-Jan-10	19	2	\$51.00	Yes	\$53.86	\$2.86
1677	29-Jan-10	19	3	\$51.82	Yes	\$53.86	\$2.04
1678	29-Jan-10	19	3	\$51.82	Yes	\$53.52	\$1.70
1679	29-Jan-10	19	4	\$50.92	Yes	\$53.86	\$2.94
1680	29-Jan-10	19	4	\$50.92	Yes	\$53.52	\$2.60
1681	29-Jan-10	19	5	\$50.92	Yes	\$53.86	\$2.94
1682	29-Jan-10	19	5	\$50.92	Yes	\$53.52	\$2.60
1683	29-Jan-10	19	6	\$50.92	Yes	\$53.86	\$2.94
1684	29-Jan-10	19	6	\$50.92	Yes	\$53.52	\$2.60
1685	29-Jan-10	19	7	\$50.93	Yes	\$53.86	\$2.93
1686	29-Jan-10	19	7	\$50.93	Yes	\$53.52	\$2.59
1687	29-Jan-10	19	8	\$49.93	Yes	\$53.86	\$3.93
1688	29-Jan-10	19	8	\$49.93	Yes	\$53.52	\$3.59
1689	29-Jan-10	19	9	\$49.93	Yes	\$53.86	\$3.93

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1690	29-Jan-10	19	9	\$49.93	Yes	\$53.52	\$3.59
1691	29-Jan-10	19	10	\$47.28	Yes	\$53.52	\$6.24
1692	29-Jan-10	19	10	\$47.28	Yes	\$53.86	\$6.58
1693	29-Jan-10	19	11	\$47.28	Yes	\$53.86	\$6.58
1694	29-Jan-10	19	11	\$47.28	Yes	\$53.52	\$6.24
1695	29-Jan-10	19	12	\$47.28	Yes	\$53.86	\$6.58
1696	29-Jan-10	19	12	\$47.28	Yes	\$53.52	\$6.24
1697	29-Jan-10	20	1	\$46.19	Yes	\$53.86	\$7.67
1698	29-Jan-10	20	1	\$46.19	Yes	\$53.52	\$7.33
1699	29-Jan-10	20	2	\$46.19	Yes	\$53.86	\$7.67
1700	29-Jan-10	20	2	\$46.19	Yes	\$53.52	\$7.33
1701	29-Jan-10	20	3	\$50.95	Yes	\$53.86	\$2.91
1702	29-Jan-10	20	3	\$50.95	Yes	\$53.52	\$2.57
1703	29-Jan-10	20	4	\$48.93	Yes	\$53.86	\$4.93
1704	29-Jan-10	20	4	\$48.93	Yes	\$53.52	\$4.59
1705	29-Jan-10	20	5	\$48.93	Yes	\$53.86	\$4.93
1706	29-Jan-10	20	5	\$48.93	Yes	\$53.52	\$4.59
1707	29-Jan-10	20	6	\$47.86	Yes	\$53.86	\$6.00
1708	29-Jan-10	20	6	\$47.86	Yes	\$53.52	\$5.66
1709	29-Jan-10	20	7	\$48.07	Yes	\$53.86	\$5.79
1710	29-Jan-10	20	7	\$48.07	Yes	\$53.52	\$5.45
1711	29-Jan-10	20	8	\$48.07	Yes	\$53.86	\$5.79
1712	29-Jan-10	20	8	\$48.07	Yes	\$53.52	\$5.45
1713	29-Jan-10	20	9	\$48.07	Yes	\$53.86	\$5.79
1714	29-Jan-10	20	9	\$48.07	Yes	\$53.52	\$5.45
1715	29-Jan-10	20	10	\$45.21	Yes	\$53.86	\$8.65
1716	29-Jan-10	20	10	\$45.21	Yes	\$53.52	\$8.31
1717	29-Jan-10	20	11	\$45.21	Yes	\$53.86	\$8.65
1718	29-Jan-10	20	11	\$45.21	Yes	\$53.52	\$8.31
1719	29-Jan-10	20	12	\$46.99	Yes	\$53.86	\$6.87
1720	29-Jan-10	20	12	\$46.99	Yes	\$53.52	\$6.53
1721	29-Jan-10	21	1	\$50.83	Yes	\$53.52	\$2.69
1722	29-Jan-10	21	1	\$50.83	Yes	\$53.86	\$3.03
1723	29-Jan-10	21	2	\$50.83	Yes	\$53.52	\$2.69
1724	29-Jan-10	21	2	\$50.83	Yes	\$53.86	\$3.03
1725	29-Jan-10	21	3	\$50.83	Yes	\$53.52	\$2.69
1726	29-Jan-10	21	3	\$50.83	Yes	\$53.86	\$3.03
1727	29-Jan-10	21	4	\$50.77	Yes	\$53.52	\$2.75
1728	29-Jan-10	21	4	\$50.77	Yes	\$53.86	\$3.09
1729	29-Jan-10	21	5	\$50.77	Yes	\$53.52	\$2.75
1730	29-Jan-10	21	5	\$50.77	Yes	\$53.86	\$3.09
1731	29-Jan-10	21	6	\$50.01	Yes	\$53.52	\$3.51
1732	29-Jan-10	21	6	\$50.01	Yes	\$53.86	\$3.85
1733	29-Jan-10	21	7	\$45.19	Yes	\$53.52	\$8.33
1734	29-Jan-10	21	7	\$45.19	Yes	\$53.86	\$8.67

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1735	29-Jan-10	21	8	\$45.19	Yes	\$53.52	\$8.33
1736	29-Jan-10	21	8	\$45.19	Yes	\$53.86	\$8.67
1737	29-Jan-10	21	9	\$45.19	Yes	\$53.52	\$8.33
1738	29-Jan-10	21	9	\$45.19	Yes	\$53.86	\$8.67
1739	29-Jan-10	21	10	\$44.45	Yes	\$53.86	\$9.41
1740	29-Jan-10	21	10	\$44.45	Yes	\$53.52	\$9.07
1741	29-Jan-10	21	11	\$44.18	Yes	\$53.52	\$9.34
1742	29-Jan-10	21	11	\$44.18	Yes	\$53.86	\$9.68
1743	29-Jan-10	21	12	\$42.30	Yes	\$53.52	\$11.22
1744	29-Jan-10	21	12	\$42.30	Yes	\$53.86	\$11.56
1745	29-Jan-10	22	1	\$50.75	Yes	\$53.52	\$2.77
1746	29-Jan-10	22	2	\$50.75	Yes	\$53.52	\$2.77
1747	29-Jan-10	22	3	\$50.75	Yes	\$53.52	\$2.77
1748	29-Jan-10	22	4	\$45.51	Yes	\$53.52	\$8.01
1749	29-Jan-10	22	5	\$45.51	Yes	\$53.52	\$8.01
1750	29-Jan-10	22	6	\$45.51	Yes	\$53.52	\$8.01
1751	29-Jan-10	22	7	\$45.39	Yes	\$53.52	\$8.13
1752	29-Jan-10	22	8	\$44.50	Yes	\$53.52	\$9.02
1753	29-Jan-10	22	9	\$42.50	Yes	\$53.52	\$11.02
1754	29-Jan-10	22	10	\$41.65	Yes	\$53.52	\$11.87
1755	29-Jan-10	22	11	\$41.65	Yes	\$53.52	\$11.87
1756	29-Jan-10	22	12	\$38.11	Yes	\$53.52	\$15.41
1757	29-Jan-10	23	1	\$76.96	Yes	\$53.52	-\$23.44
1758	29-Jan-10	23	2	\$76.96	Yes	\$53.52	-\$23.44
1759	29-Jan-10	23	3	\$60.85	Yes	\$53.52	-\$7.33
1760	29-Jan-10	23	4	\$65.93	Yes	\$53.52	-\$12.41
1761	29-Jan-10	23	5	\$68.85	Yes	\$53.52	-\$15.33
1762	29-Jan-10	23	6	\$64.03	Yes	\$53.52	-\$10.51
1763	29-Jan-10	23	7	\$62.09	Yes	\$53.52	-\$8.57
1764	29-Jan-10	23	8	\$56.43	Yes	\$53.52	-\$2.91
1765	29-Jan-10	23	9	\$50.35	Yes	\$53.52	\$3.17
1766	29-Jan-10	23	10	\$50.33	Yes	\$53.52	\$3.19
1767	29-Jan-10	23	11	\$43.00	Yes	\$53.52	\$10.52
1768	29-Jan-10	23	12	\$43.00	Yes	\$53.52	\$10.52
1769	29-Jan-10	24	1	\$53.39	Yes	\$53.52	\$0.13
1770	29-Jan-10	24	2	\$53.39	Yes	\$53.52	\$0.13
1771	29-Jan-10	24	3	\$49.03	Yes	\$53.52	\$4.49
1772	29-Jan-10	24	4	\$50.21	Yes	\$53.52	\$3.31
1773	29-Jan-10	24	5	\$49.93	Yes	\$53.52	\$3.59
1774	29-Jan-10	24	6	\$47.80	Yes	\$53.52	\$5.72
1775	29-Jan-10	24	7	\$43.72	Yes	\$53.52	\$9.80
1776	29-Jan-10	24	8	\$42.32	Yes	\$53.52	\$11.20
1777	29-Jan-10	24	9	\$42.32	Yes	\$53.52	\$11.20
1778	29-Jan-10	24	10	\$42.09	Yes	\$53.52	\$11.43
1779	29-Jan-10	24	11	\$42.09	Yes	\$53.52	\$11.43

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1780	29-Jan-10	24	12	\$42.09	Yes	\$53.52	\$11.43

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In January 2009, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS¹⁰ and Delta Dispatch. Table 10 shows the costs by instruction type in January. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$16,285. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$18,831. The cost saving from the exceptional dispatch bid mitigation was \$2,546. In January, the cost saving from the exceptional dispatches which are NONTMOD accounted for approximately 98 percent of total cost saving.

Table 10: Bid Mitigation Analysis for January

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	1	\$17,808	\$15,317	\$2,491
TMODEL6	1	\$1,023	\$967	\$56
Total	2	\$18,831	\$16,285	\$2,546

¹⁰ The non-competitive "TMODEL" exceptional dispatches include: TMODEL4 (if more than one participating transmission owner is affected), TMODEL5 (if only PG&E is affected), TMODEL6 (if only SCE is affected) and TMODEL 7 (if only SDG&E is affected).

CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 30th day of April, 2010.

Anna Pascuzzo

Anna Pascuzzo