



California Independent  
System Operator Corporation

February 26, 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-\_\_\_\_  
October 2009 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 submits the attached report. The attached report provides the details that the commission directed to be included in "Chart 2", which was set forth in Appendix A of the September 2 Order, as modified by the ISO's September 14 motion for clarification of the September 2 order. The attached report provides Chart 2 data for the month of November 2009. The September 14 motion proposed to file the Chart 2 report for any given calendar month on the 30<sup>th</sup> 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 November 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 November 2009.

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: November 2009**

## TABLE OF CONTENTS

Introduction .....	3
The Nature of Exceptional Dispatch.....	3
Appendix A: Explanation by Example .....	16
Example 1: Exceptional Dispatch Instructions Prior to DAM .....	16
Example 2: Incremental Exceptional Dispatch Instructions in RTM.....	17
Example 3: Decremental Exceptional Dispatch Instructions in RTM.....	19
Appendix B: Price Impact Analysis .....	20
Appendix C: Exceptional Dispatch Bid Mitigation Analysis .....	90

## LIST OF TABLES AND FIGURES

Table 1: Exceptional Dispatches in November 2009.....	7
Table 2: Instructions Prior to Day-Ahead Market .....	16
Table 3: FERC Summary of Instructions Prior to DAM .....	16
Table 4: Incremental Exceptional Dispatch Instructions in RTM .....	17
Table 5: FERC Summary of ED Instructions in RTM .....	18
Table 6: Decremental Exceptional Dispatch Instructions in RTM .....	19
Table 7: FERC Summary of Decremental ED Instructions in RTM.....	19
Table 8: Price Impact Analysis Information for Pricing Node A in PG&E LAP .....	21
Table 9: Price Impact Analysis Information for Pricing Node B in SCE LAP .....	48
Table 10: Bid Mitigation Analysis for November .....	90

## Introduction

In its September 2<sup>nd</sup> 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 November 2009 on January 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.<sup>1</sup> This is the second report for November 2009, 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.<sup>2</sup> The price impact analysis for the month of November is presented in Appendix B. This report also includes the degree of mitigation analysis for November 2009 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 November 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

---

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

<sup>2</sup> 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 associate reason for each exceptional dispatch instruction.

In November, the ISO issued exceptional dispatches for the following local area generation requirements: (1) G-217, South of Lugo generation requirements; and (2) 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-132, transmission facilities in San Diego and Imperial Valley area; (3) T-135, Lugo – Victorville 500 kV Line and Sylmar Transformer Banks Operation; (4) T-138, transmission facilities in Humboldt area; (5) T-153, Path 26 contingency RAS; and (6) other transmission outages in PG&E, SCE and SDG&E area.

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

The following additional reasons for exceptional dispatch instructions in November 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 exceptional dispatch instructions were issued to dispatch a resource above its

---

<sup>3</sup> A list of all of the ISO’s Operating Procedures and all the publicly available Operating Procedures are available at the following link:

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

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 November, which are self explanatory.

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

- MW column shows the range of exceptional dispatch instruction in MW for the classification.
- Commitment column specifies if there was a unit commitment for the classification.
- The INC/DEC/NA column specifies if there was an incremental dispatch (INC), a decremental dispatch (DEC), or only a unit commitment (NA). . The begin time and end time columns show the start and end time of exceptional dispatch for the classification respectively.
- The hours column is the time difference between begin time and end time rounded up to the next hour.
- The total volume column shows the total MWh dispatch quantity dispatched for that classification. This quantity includes the minimum load quantity, the imbalance energy quantity, and the exceptional dispatch quantity.
- The Min-Load Cost column shows eligible minimum load cost for the classification.
- The Start-Up Cost column shows the eligible start up cost for the classification. Please note that the ISO does not explicitly pay resources

<sup>4</sup> The data in Table 1 is principally SLIC information supplemented with data from the Market Quality System (MQS) and Settlements database. The volume and cost information is based on t+51B Recalculation Statements.

for its start up and minimum load costs; however, it ensures that resources are compensated adequately through its bid cost recovery process.<sup>5</sup>

- The CC6470 shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.
- The ED Volume MWh (MWh INC/DEC) shows the incremental or the decremental portion of the real-time exceptional dispatch MWh for the classification. The CC6470-INC shows that portion of incremental exceptional dispatch instruction which is settled at the resource specific LMP.
- The CC6470-DEC shows that portion of decremental exceptional dispatch instruction which is settled at the resource specific LMP. Both these charge codes are portion of the real-time instructed imbalance energy charge code (6470).<sup>6</sup>
- The CC6482 shows the real-time excess cost for the classification.<sup>7</sup>
- The CC6488 shows the real-time exceptional dispatch uplift settlement for the classification.<sup>8</sup> The CC6620 shows the bid cost recovery payment for the classification. This cost is shown for all pre-day-ahead unit commitments only.

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

---

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

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

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

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

**Table 1: Exceptional Dispatches in November 2009**

**California Independent System Operator Corporation  
Exceptional Dispatch Report  
February 26, 2010**

**Chart 2: Table of Exceptional Dispatches for Period 01/November/2009 - 30/ November/2009**

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	SP26 Capacity	SDG&E	San Diego	2-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$43,563	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$23,695
2	DA	SP26 Capacity	SDG&E	San Diego	3-Nov-09	40	Yes	N/A	24	0:00	23:00	960.00	\$81,094	\$13,130	\$0	0.00	\$0	\$0	\$0	\$0	\$60,556
3	DA	SP26 Capacity	SDG&E	San Diego	4-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$43,563	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$24,189
4	DA	SP26 Capacity	SDG&E	San Diego	5-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$45,235	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$27,923
5	DA	SP26 Capacity	SDG&E	San Diego	6-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$44,120	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$26,797
6	DA	SP26 Capacity	SDG&E	San Diego	7-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$42,450	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$21,347
7	DA	SP26 Capacity	SDG&E	San Diego	8-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$38,922	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$22,433
8	DA	SP26 Capacity	SDG&E	San Diego	9-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$38,922	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$7,741
9	DA	SP26 Capacity	SDG&E	San Diego	10-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$38,922	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$14,861
10	DA	SP26 Capacity	SDG&E	San Diego	11-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$36,973	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$22,925
11	DA	SP26 Capacity	SDG&E	San Diego	12-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$36,788	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$16,744
12	DA	SP26 Capacity	SDG&E	San Diego	13-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$36,602	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$21,414
13	DA	SP26 Capacity	SDG&E	San Diego	14-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$34,560	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
14	DA	SP26 Capacity	SDG&E	San Diego	15-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$29,733	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$15,735
15	DA	SP26 Capacity	SDG&E	San Diego	16-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$29,733	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$13,236
16	DA	SP26 Capacity	SDG&E	San Diego	17-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$29,733	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$10,679
17	DA	SP26 Capacity	SDG&E	San Diego	18-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$30,476	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$8,289
18	DA	SP26 Capacity	SDG&E	San Diego	20-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$40,500	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$18,829
19	DA	SP26 Capacity	SDG&E	San Diego	21-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$38,737	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$26,384
20	DA	SP26 Capacity	SDG&E	San Diego	22-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$32,982	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$21,997
21	DA	SP26 Capacity	SDG&E	San Diego	23-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$32,982	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$19,470
22	DA	SP26 Capacity	SDG&E	San Diego	24-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$32,982	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$17,482
23	DA	SP26 Capacity	SDG&E	San Diego	25-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$39,758	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$22,284
24	DA	SP26 Capacity	SDG&E	San Diego	26-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$38,737	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$24,320
25	DA	SP26 Capacity	SDG&E	San Diego	27-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$35,117	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$20,868
26	DA	SP26 Capacity	SDG&E	San Diego	28-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$35,117	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$23,198
27	DA	SP26 Capacity	SDG&E	San Diego	29-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$35,395	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$16,097
28	DA	SP26 Capacity	SDG&E	San Diego	30-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$27,038	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$14,307
29	DA	Transmission Outage Other	SCE	LA Basin	8-Nov-09	20	Yes	N/A	13	0:00	12:00	260.00	\$26,143	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$17,798
30	DA	Transmission Outage Other	SDG&E	San Diego	8-Nov-09	20 -	Yes	N/A	24	0:00	23:00	3080.00	\$94,253	\$9,922	\$0	0.00	\$0	\$0	\$0	\$0	\$30,092



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
						220															
31	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	15-Nov-09	40	Yes	N/A	8	4:00	11:00	320.00	\$15,981	\$4,613	\$0	0.00	\$0	\$0	\$0	\$0	\$0
32	DA	Transmission Outage SCE	SCE	LA Basin	17-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$64,320	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$32,361
33	DA	Transmission Outage SCE	SCE	LA Basin	23-Nov-09	40	Yes	N/A	21	3:00	23:00	840.00	\$110,774	\$52,625	\$0	0.00	\$0	\$0	\$0	\$0	\$46,576
34	DA	Transmission Outage SCE	SCE	LA Basin	24-Nov-09	40	Yes	N/A	24	0:00	23:00	960.00	\$128,641	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$68,589
35	DA	Transmission Outage SCE	SCE	LA Basin	25-Nov-09	40	Yes	N/A	22	0:00	21:00	880.00	\$117,921	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$87,358
36	DA	Transmission Outage SCE	SCE	LA Basin	27-Nov-09	20	Yes	N/A	21	3:00	23:00	420.00	\$56,280	\$26,313	\$0	0.00	\$0	\$0	\$0	\$0	\$69,535
37	DA	Transmission Outage SCE	SCE	LA Basin	30-Nov-09	320	Yes	N/A	21	3:00	23:00	6720.00	\$269,083	\$118,115	\$0	0.00	\$0	\$0	\$0	\$0	\$102,656
38	DA	Transmission Outage SCE	SCE	N/A	4-Nov-09	80	Yes	N/A	12	6:00	17:00	960.00	\$62,752	\$10,522	\$0	0.00	\$0	\$0	\$0	\$0	\$37,229
39	DA	Transmission Outage SCE	SCE	N/A	5-Nov-09	80	Yes	N/A	12	6:00	17:00	960.00	\$66,065	\$10,925	\$0	0.00	\$0	\$0	\$0	\$0	\$73,335
40	DA	Transmission Outage SCE	SCE	N/A	6-Nov-09	80	Yes	N/A	11	5:00	15:00	880.00	\$58,628	\$10,656	\$0	0.00	\$0	\$0	\$0	\$0	\$56,602
41	DA	Transmission Outage SCE	SCE	N/A	14-Nov-09	40 - 80	Yes	N/A	7	12:00	18:00	480.00	\$25,300	\$11,451	\$0	0.00	\$0	\$0	\$0	\$0	\$11,155
42	DA	Transmission Outage SDG&E	SDG&E	San Diego	4-Nov-09	20	Yes	N/A	24	0:00	23:00	480.00	\$40,635	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$19,173
43	RT	G-217	SCE	LA Basin	9-Nov-09	25	Yes	INC	15	9:00	23:59	3595.93	\$34,425	\$34,244	(\$192,954)	168.39	(\$6,936)	\$0	\$0	\$0	\$0
44	RT	G-219	SCE	LA Basin	8-Nov-09	20	Yes	INC	11	13:00	23:59	1947.45	\$22,121	\$0	(\$87,930)	346.86	(\$12,983)	\$0	\$0	\$0	\$0
45	RT	G-219	SCE	LA Basin	10-Nov-09	10	Yes	INC	19	5:00	23:59	1717.65	\$35,796	\$30,945	(\$69,758)	807.20	(\$27,322)	\$0	\$0	(\$4,448)	\$0
46	RT	Incorrect Bid	PG&E	Fresno	14-Nov-09	308	No	DEC	7	0:15	6:59	(1463.00)	\$0	\$0	\$20,398	0.00	\$0	\$0	\$0	\$0	\$0
47	RT	Incorrect Bid	PG&E	Fresno	14-Nov-09	0	No	INC	7	0:15	6:59	(25.67)	\$0	\$0	\$533	0.00	\$0	\$0	\$0	\$0	\$0
48	RT	Intertie Emergency Assistance	N/A	N/A	14-Nov-09	100	No	INC	1	11:15	11:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
49	RT	Load Forecast Uncertainty	SCE	LA Basin	2-Nov-09	20	Yes	INC	22	2:00	23:59	3396.72	\$44,242	\$0	(\$171,064)	346.25	(\$15,310)	\$0	\$0	\$0	\$0
50	RT	Market Disruption	N/A	N/A	3-Nov-09	41	Yes	INC	1	1:00	1:59	(40.00)	\$0	\$0	\$0	(40.00)	\$0	\$0	\$0	\$0	\$0
51	RT	Market Disruption	N/A	N/A	5-Nov-09	134	No	DEC	1	16:00	16:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
52	RT	Market Disruption	N/A	N/A	5-Nov-09	203	No	INC	1	16:00	16:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
53	RT	Market Disruption	N/A	N/A	10-Nov-09	100 - 145	No	DEC	9	10:00	18:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
54	RT	Market Disruption	N/A	N/A	10-Nov-09	250 - 300	No	INC	2	9:00	10:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
55	RT	Market Disruption	N/A	N/A	11-Nov-09	150	No	DEC	1	18:00	18:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
56	RT	Market Disruption	N/A	N/A	11-Nov-09	100 - 165	No	INC	6	2:00	7:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Market Disruption	N/A	N/A	12-Nov-09	1 - 302	Yes	INC	7	17:00	23:59	(220.00)	\$0	\$0	\$5,437	(220.00)	\$0	\$5,437	\$0	\$0	\$0
58	RT	Market Disruption	N/A	N/A	13-Nov-09	6 - 417	Yes	INC	3	0:00	2:59	(25.00)	\$0	\$0	\$175	(25.00)	\$0	\$175	\$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	Market Disruption	N/A	N/A	14-Nov-09	260	Yes	INC	1	16:00	16:59	(60.00)	\$0	\$0	\$0	(60.00)	\$0	\$0	\$0	\$0	\$0
60	RT	Market Disruption	N/A	N/A	15-Nov-09	3	No	DEC	1	22:00	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
61	RT	Over Generation	N/A	N/A	12-Nov-09	170	No	DEC	1	23:49	23:59	(22.50)	\$0	\$0	(\$733)	(21.46)	\$0	(\$642)	\$0	\$0	\$0
62	RT	Over Generation	N/A	N/A	13-Nov-09	170	No	DEC	1	0:00	0:59	(170.00)	\$0	\$0	(\$2,187)	(170.00)	\$0	(\$2,187)	\$0	\$0	\$0
63	RT	Over Generation	PG&E	Fresno	21-Nov-09	-308	Yes	INC	2	5:35	6:29	(301.58)	\$0	\$0	\$13,447	0.00	\$0	\$0	\$0	\$0	\$0
64	RT	Over Generation	SCE	Big Creek-Ventura	13-Nov-09	190	No	DEC	4	0:00	3:59	(696.49)	\$0	\$0	\$4,321	(692.32)	\$0	\$4,645	\$0	\$0	\$0
65	RT	Over Generation	SCE	LA Basin	12-Nov-09	166	No	DEC	1	23:49	23:59	(8.82)	\$0	\$0	(\$475)	(4.08)	\$0	(\$122)	\$0	\$0	\$0
66	RT	Over Generation	SCE	LA Basin	13-Nov-09	60 - 166	No	DEC	4	0:00	3:59	(493.79)	\$0	\$0	\$7,081	(179.00)	\$0	(\$66)	\$0	\$0	\$0
67	RT	Over Generation	SCE	LA Basin	17-Nov-09	0	Yes	INC	1	1:10	1:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
68	RT	Path 26	PG&E	Fresno	1-Nov-09	70	No	INC	6	6:04	11:59	90.69	\$0	\$0	(\$1,795)	115.21	(\$2,415)	\$0	\$0	(\$1,599)	\$0
69	RT	Path 26	PG&E	Fresno	4-Nov-09	0	Yes	INC	5	2:30	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
70	RT	Path 26	SCE	Big Creek-Ventura	1-Nov-09	236	No	INC	3	6:38	8:59	636.38	\$0	\$0	(\$1,930)	0.00	\$0	\$0	\$0	\$0	\$0
71	RT	Path 26	SCE	Big Creek-Ventura	10-Nov-09	150	No	DEC	1	7:04	7:29	(29.24)	\$0	\$0	(\$179)	(28.25)	\$0	\$483	\$0	(\$419)	\$0
72	RT	Path 26	SCE	Big Creek-Ventura	26-Nov-09	25	No	INC	1	4:17	4:18	19.00	\$0	\$0	(\$458)	0.00	\$0	\$0	\$0	\$0	\$0
73	RT	Ramp Rate	SCE	Big Creek-Ventura	4-Nov-09	30 - 50	Yes	INC	3	16:00	18:59	193.52	\$2,936	\$0	(\$10,649)	72.38	(\$3,444)	\$0	(\$601)	\$0	\$0
74	RT	Ramp Rate	SCE	Big Creek-Ventura	5-Nov-09	50	Yes	INC	3	6:55	8:54	146.95	\$3,302	\$0	(\$9,931)	42.62	(\$2,314)	\$0	\$0	\$0	\$0
75	RT	Ramp Rate	SCE	LA Basin	1-Nov-09	190	No	INC	7	15:00	21:59	1293.73	\$14,077	\$0	(\$69,378)	633.20	(\$27,693)	\$0	\$0	\$0	\$0
76	RT	Ramp Rate	SCE	LA Basin	2-Nov-09	190	Yes	INC	7	14:30	20:59	1676.09	\$13,072	\$0	(\$91,504)	346.25	(\$15,310)	\$0	\$0	\$0	\$0
77	RT	Ramp Rate	SCE	LA Basin	5-Nov-09	191	No	INC	6	16:25	21:59	1288.59	\$0	\$0	(\$68,446)	475.27	(\$22,331)	\$0	\$0	\$0	\$0
78	RT	Ramp Rate	SCE	LA Basin	6-Nov-09	190	No	INC	7	15:45	21:59	1064.41	\$0	\$0	(\$50,560)	609.93	(\$25,343)	\$0	\$0	\$0	\$0
79	RT	Ramp Rate	SCE	LA Basin	7-Nov-09	190	Yes	INC	7	14:00	20:59	1406.96	\$14,077	\$0	(\$64,439)	883.36	(\$33,220)	\$0	\$0	\$0	\$0
80	RT	Ramp Rate	SCE	LA Basin	8-Nov-09	190	Yes	INC	7	14:35	20:59	1477.38	\$13,072	\$0	(\$70,668)	346.86	(\$12,983)	\$0	\$0	\$0	\$0
81	RT	Ramp Rate	SCE	LA Basin	9-Nov-09	71	Yes	INC	14	8:40	21:59	3515.67	\$30,600	\$30,439	(\$190,031)	172.75	(\$7,115)	\$0	\$0	\$0	\$0
82	RT	Ramp Rate	SCE	LA Basin	10-Nov-09	190	No	INC	6	16:15	21:59	1398.64	\$0	\$0	(\$63,470)	536.82	(\$19,136)	\$0	\$0	\$0	\$0
83	RT	Ramp Rate	SCE	N/A	5-Nov-09	20	Yes	INC	2	6:55	7:44	41.85	\$0	\$0	(\$2,239)	16.67	(\$910)	\$0	\$0	\$0	\$0
84	RT	Ramp Rate	SDG&E	San Diego	14-Nov-09	35 - 55	No	DEC	5	15:45	19:59	183.99	\$0	\$0	(\$25,665)	0.00	\$0	\$0	\$0	\$0	\$0
85	RT	Ramp Rate	SDG&E	San Diego	14-Nov-09	48	No	INC	5	15:45	19:59	206.73	\$0	\$0	(\$6,951)	62.59	(\$1,895)	\$0	\$0	\$0	\$0
86	RT	Ramp Rate	SDG&E	San Diego	15-Nov-09	132 - 173	No	DEC	5	15:35	19:59	(363.43)	\$0	\$0	\$12,739	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
87	RT	Ramp Rate	SDG&E	San Diego	15-Nov-09	48	No	INC	5	15:35	19:59	48.50	\$0	\$0	(\$1,758)	42.89	(\$1,539)	\$0	\$0	\$0	\$0
88	RT	Ramp Rate	SDG&E	San Diego	24-Nov-09	42 - 47	No	DEC	5	15:30	19:59	58.23	\$0	\$0	(\$2,551)	0.00	\$0	\$0	\$0	\$0	\$0
89	RT	Ramp Rate	SDG&E	San Diego	24-Nov-09	48	No	INC	5	15:30	19:59	124.73	\$0	\$0	(\$5,106)	46.91	(\$1,957)	\$0	\$0	\$0	\$0
90	RT	SCE Import Limit	SCE	LA Basin	9-Nov-09	190	No	INC	14	8:25	21:59	4196.06	\$0	\$0	(\$224,332)	262.33	(\$9,302)	\$0	\$0	(\$791)	\$0
91	RT	SCE Import Limit	SCE	LA Basin	10-Nov-09	160 - 300	Yes	INC	10	12:50	21:59	1947.26	\$17,270	\$14,930	(\$81,536)	1079.27	(\$36,853)	\$0	\$0	(\$5,368)	\$0
92	RT	SCE Import Limit	SCE	LA Basin	11-Nov-09	39 - 142	No	DEC	16	6:15	21:59	(1411.00)	\$0	\$0	\$33,126	0.00	\$0	\$0	\$0	\$0	\$0
93	RT	SCE Import Limit	SCE	LA Basin	11-Nov-09	100 - 174	No	INC	14	8:40	21:59	1215.06	\$0	\$0	(\$42,142)	931.39	(\$24,912)	\$0	\$0	(\$11,546)	\$0
94	RT	SCE Import Limit	SCE	LA Basin	12-Nov-09	175 - 270	No	DEC	3	10:25	12:09	(306.69)	\$0	\$0	\$82,144	0.00	\$0	\$0	\$0	\$0	\$0
95	RT	SP26 Capacity	SDG&E	San Diego	19-Nov-09	20	Yes	INC	3	21:00	23:59	67.55	\$4,865	\$0	(\$2,277)	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	PG&E	Bay Area	5-Nov-09	50	No	DEC	4	7:55	10:14	(137.63)	\$0	\$0	\$3,283	(114.48)	\$0	\$2,031	\$0	\$0	\$0
97	RT	Software Limitation	PG&E	Bay Area	5-Nov-09	0	No	INC	1	10:15	10:39	(4.17)	\$0	\$0	\$93	0.00	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	PG&E	Bay Area	15-Nov-09	0	Yes	INC	1	23:15	23:59	34.80	\$1,382	\$0	(\$1,003)	0.00	\$0	\$0	\$0	\$0	\$0
99	RT	Software Limitation	PG&E	Bay Area	16-Nov-09	170	Yes	DEC	6	0:00	5:14	(29.38)	\$0	\$0	\$643	(35.42)	\$0	\$792	\$0	\$0	\$0
100	RT	Software Limitation	PG&E	Bay Area	16-Nov-09	0	Yes	INC	6	0:00	5:14	(7.08)	\$0	\$0	\$213	0.00	\$0	\$0	\$0	\$0	\$0
101	RT	Software Limitation	PG&E	Bay Area	17-Nov-09	0	Yes	INC	1	23:30	23:59	21.91	\$1,382	\$0	(\$558)	0.00	\$0	\$0	\$0	\$0	\$0
102	RT	Software Limitation	PG&E	Bay Area	18-Nov-09	170	No	DEC	6	0:00	5:29	(68.32)	\$0	\$0	\$794	(77.92)	\$0	\$903	\$0	\$0	\$0
103	RT	Software Limitation	PG&E	Bay Area	18-Nov-09	0	Yes	INC	19	0:00	18:29	(7.08)	\$0	\$0	\$83	0.00	\$0	\$0	\$0	\$0	\$0
104	RT	Software Limitation	PG&E	Bay Area	21-Nov-09	130	Yes	DEC	6	7:05	12:59	4.06	\$0	\$0	(\$77)	0.00	\$0	\$0	\$0	\$0	\$0
105	RT	Software Limitation	PG&E	Fresno	1-Nov-09	0	No	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
106	RT	Software Limitation	PG&E	Fresno	2-Nov-09	0	Yes	INC	6	0:00	5:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
107	RT	Software Limitation	PG&E	Fresno	3-Nov-09	308	Yes	DEC	2	0:15	1:59	(565.29)	\$0	\$0	\$17,940	0.00	\$0	\$0	\$0	\$0	\$0
108	RT	Software Limitation	PG&E	Fresno	3-Nov-09	0	No	INC	8	0:20	7:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
109	RT	Software Limitation	PG&E	Fresno	7-Nov-09	308	No	DEC	1	1:07	1:29	(154.00)	\$0	\$0	\$4,978	0.00	\$0	\$0	\$0	\$0	\$0
110	RT	Software Limitation	PG&E	Fresno	7-Nov-09	0	No	INC	1	7:12	7:59	(3.21)	\$0	\$0	\$95	0.00	\$0	\$0	\$0	\$0	\$0
111	RT	Software Limitation	PG&E	Fresno	8-Nov-09	230	Yes	DEC	6	3:05	8:04	(28.75)	\$0	\$0	\$1,022	(11.98)	\$0	\$418	\$0	\$0	\$0
112	RT	Software Limitation	PG&E	Fresno	8-Nov-09	0	Yes	INC	6	3:05	8:04	83.31	\$3,099	\$0	(\$2,867)	0.00	\$0	\$0	\$0	\$0	\$0
113	RT	Software Limitation	PG&E	Fresno	11-Nov-09	0	Yes	INC	17	7:45	23:29	(51.33)	\$0	\$0	\$2,260	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	Software Limitation	PG&E	Fresno	13-Nov-09	0	Yes	INC	21	3:45	23:59	12.83	\$0	\$0	\$324	0.00	\$0	\$0	\$0	\$0	\$0
115	RT	Software Limitation	PG&E	Fresno	14-Nov-09	150 - 155	Yes	DEC	3	17:35	19:19	(352.21)	\$0	\$0	\$47,555	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	Software Limitation	PG&E	Fresno	14-Nov-09	308	No	INC	8	0:00	7:59	2066.17	\$0	\$0	(\$32,974)	0.00	\$0	\$0	\$0	\$0	\$0
117	RT	Software Limitation	PG&E	Fresno	16-Nov-09	0	Yes	INC	1	10:15	10:59	(403.92)	\$0	\$0	\$12,911	0.00	\$0	\$0	\$0	\$0	\$0
118	RT	Software Limitation	PG&E	Fresno	30-Nov-09	0	No	INC	2	3:40	4:39	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
119	RT	Software Limitation	PG&E	Humboldt	10-Nov-09	0	Yes	INC	1	15:15	15:44	0.42	\$331	\$0	(\$14)	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
120	RT	Software Limitation	PG&E	Humboldt	13-Nov-09	15	Yes	DEC	1	22:15	22:44	(9.58)	\$0	\$0	\$291	(2.50)	\$0	\$77	\$0	\$0	\$0
121	RT	Software Limitation	PG&E	Humboldt	14-Nov-09	0	Yes	INC	1	22:25	22:54	0.42	\$0	\$0	(\$20)	0.00	\$0	\$0	\$0	\$0	\$0
122	RT	Software Limitation	PG&E	N/A	10-Nov-09	327 - 343	Yes	DEC	2	5:20	6:04	(123.28)	\$0	\$0	\$4,093	0.00	\$0	\$0	\$0	\$0	\$0
123	RT	Software Limitation	PG&E	NCNB	10-Nov-09	30	Yes	INC	2	7:30	8:14	29.87	\$0	\$65	(\$1,279)	0.00	\$0	\$0	\$0	\$0	\$0
124	RT	Software Limitation	PG&E	NCNB	28-Nov-09	3 - 6	No	INC	8	16:55	23:59	(269.17)	\$0	\$0	\$9,146	0.00	\$0	\$0	\$0	\$0	\$0
125	RT	Software Limitation	SCE	Big Creek-Ventura	3-Nov-09	0	Yes	INC	1	17:25	17:54	4.49	\$0	\$34	(\$312)	0.00	\$0	\$0	\$0	\$0	\$0
126	RT	Software Limitation	SCE	LA Basin	2-Nov-09	0	Yes	INC	2	22:40	23:09	0.00	\$0	\$21	\$0	0.00	\$0	\$0	\$0	\$0	\$0
127	RT	Software Limitation	SCE	LA Basin	3-Nov-09	0	No	INC	5	0:25	4:59	1.72	\$0	\$0	(\$57)	0.00	\$0	\$0	\$0	\$0	\$0
128	RT	Software Limitation	SCE	LA Basin	9-Nov-09	20	Yes	INC	2	8:35	9:19	24.47	\$0	\$0	(\$935)	0.00	\$0	\$0	\$0	\$0	\$0
129	RT	Software Limitation	SCE	LA Basin	10-Nov-09	0	No	INC	2	10:00	11:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
130	RT	Software Limitation	SCE	LA Basin	11-Nov-09	0	Yes	INC	1	2:00	2:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
131	RT	Software Limitation	SCE	LA Basin	12-Nov-09	0	Yes	INC	2	14:45	15:44	2.50	\$283	\$45	(\$71)	0.00	\$0	\$0	\$0	\$0	\$0
132	RT	Software Limitation	SCE	LA Basin	14-Nov-09	0	No	INC	2	18:40	19:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
133	RT	Software Limitation	SCE	LA Basin	15-Nov-09	0	Yes	INC	10	14:50	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
134	RT	Software Limitation	SCE	LA Basin	16-Nov-09	0	Yes	INC	4	0:00	3:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
135	RT	Software Limitation	SCE	LA Basin	18-Nov-09	0	Yes	INC	2	0:20	1:19	0.00	\$729	\$172	\$0	0.00	\$0	\$0	\$0	\$0	\$0
136	RT	Software Limitation	SCE	LA Basin	30-Nov-09	20	Yes	INC	15	9:00	23:59	2341.73	\$40,200	\$0	(\$106,177)	0.00	\$0	\$0	\$0	\$0	\$0
137	RT	Software Limitation	SCE	N/A	5-Nov-09	336	Yes	INC	10	14:45	23:59	1410.93	\$40,356	\$0	(\$49,830)	298.35	(\$12,320)	\$0	\$0	(\$8,802)	\$0
138	RT	Software Limitation	SCE	N/A	6-Nov-09	336	Yes	INC	5	0:00	4:59	1747.57	\$67,260	\$0	(\$32,440)	0.00	\$0	\$0	\$0	\$0	\$0
139	RT	Software Limitation	SCE	N/A	17-Nov-09	19	Yes	INC	1	23:00	23:44	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
140	RT	Software Limitation	SDG&E	N/A	8-Nov-09	145	Yes	INC	5	16:00	20:59	2511.83	\$0	\$0	(\$111,666)	0.00	\$0	\$0	\$0	\$0	\$0
141	RT	Software Limitation	SDG&E	N/A	10-Nov-09	50	No	DEC	1	21:00	21:59	(148.82)	\$0	\$0	\$3,595	(43.94)	\$0	\$557	\$0	\$0	\$0
142	RT	Software Limitation	SDG&E	San Diego	2-Nov-09	0	Yes	INC	3	3:45	5:49	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
143	RT	Software Limitation	SDG&E	San Diego	3-Nov-09	81 - 207	Yes	DEC	2	16:50	17:34	(160.60)	\$0	\$0	\$22,141	0.00	\$0	\$0	\$0	\$0	\$0
144	RT	Software Limitation	SDG&E	San Diego	5-Nov-09	0	Yes	INC	2	22:10	23:09	0.00	\$507	\$18	(\$0)	0.00	\$0	\$0	\$0	\$0	\$0
145	RT	Software Limitation	SDG&E	San Diego	12-Nov-09	0	Yes	INC	2	22:55	23:59	3.20	\$542	\$73	(\$61)	0.00	\$0	\$0	\$0	\$0	\$0
146	RT	Software Limitation	SDG&E	San Diego	13-Nov-09	0	No	INC	1	0:00	0:19	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
147	RT	T-103	SCE	LA Basin	1-Nov-09	20	No	INC	24	0:00	23:59	1771.13	\$42,231	\$0	(\$81,287)	633.20	(\$27,693)	\$0	\$0	\$0	\$0
148	RT	T-132	SDG&E	San Diego	5-Nov-09	33	Yes	INC	8	13:16	20:09	228.25	\$18,265	\$316	(\$7,392)	0.00	\$0	\$0	\$0	\$0	\$0
149	RT	T-135	PG&E	Fresno	11-Nov-09	142 - 434	Yes	INC	2	17:19	18:44	417.09	\$0	\$0	(\$59,065)	183.96	(\$8,762)	\$0	\$0	(\$4,941)	\$0
150	RT	T-135	SCE	Big Creek-Ventura	7-Nov-09	75 - 175	No	DEC	7	10:25	16:49	(758.90)	\$0	\$0	\$17,129	(599.82)	\$0	\$16,773	\$0	(\$10,552)	\$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
151	RT	T-135	SCE	Big Creek-Ventura	7-Nov-09	25	No	INC	5	16:50	20:59	95.72	\$0	\$0	(\$4,269)	0.00	\$0	\$0	\$0	\$0	\$0
152	RT	T-135	SCE	Big Creek-Ventura	11-Nov-09	50	No	DEC	1	17:09	17:29	(0.14)	\$0	\$0	(\$344)	(10.71)	\$0	\$133	\$0	\$0	\$0
153	RT	T-135	SCE	Big Creek-Ventura	11-Nov-09	20	Yes	INC	4	17:25	20:29	124.77	\$0	\$0	(\$5,434)	0.00	\$0	\$0	\$0	\$0	\$0
154	RT	T-135	SCE	Big Creek-Ventura	12-Nov-09	50 - 201	No	DEC	2	18:15	19:59	(217.79)	\$0	\$0	\$6,729	(199.01)	\$0	\$6,156	\$0	(\$4,449)	\$0
155	RT	T-135	SCE	N/A	12-Nov-09	40 - 245	Yes	INC	17	6:00	22:59	1947.37	\$36,989	\$11,291	(\$104,852)	823.75	(\$21,853)	\$0	\$0	(\$31,045)	\$0
156	RT	T-135	SCE	N/A	13-Nov-09	40 - 100	Yes	INC	22	0:00	21:59	1540.12	\$46,374	\$0	(\$59,985)	684.35	(\$40,411)	\$0	\$0	\$0	\$0
157	RT	T-135	SCE	N/A	14-Nov-09	3	Yes	DEC	4	13:50	16:44	2.20	\$0	\$0	(\$118)	0.00	\$0	\$0	\$0	\$0	\$0
158	RT	T-135	SCE	N/A	14-Nov-09	107 - 300	Yes	INC	9	13:50	21:59	1283.88	\$5,992	\$0	(\$102,293)	953.52	(\$58,620)	\$0	\$0	\$0	\$0
159	RT	T-138	PG&E	Humboldt	1-Nov-09	10	No	INC	3	17:30	19:59	9.07	\$0	\$0	(\$731)	5.94	(\$398)	\$0	\$0	(\$134)	\$0
160	RT	T-138	PG&E	Humboldt	2-Nov-09	5 - 22	No	DEC	5	11:05	15:14	(42.50)	\$0	\$0	\$2,326	(37.15)	\$0	\$2,050	\$0	(\$1,375)	\$0
161	RT	T-138	PG&E	Humboldt	2-Nov-09	5	No	INC	18	1:28	18:29	14.17	\$0	\$0	(\$603)	13.39	(\$552)	\$0	\$0	(\$726)	\$0
162	RT	T-138	PG&E	Humboldt	3-Nov-09	16	No	INC	1	17:41	17:59	4.38	\$0	\$0	(\$799)	3.24	(\$488)	\$0	\$0	(\$21)	\$0
163	RT	T-138	PG&E	Humboldt	6-Nov-09	25	No	INC	2	22:15	23:59	52.04	\$0	\$0	(\$1,882)	0.00	\$0	\$0	\$0	\$0	\$0
164	RT	T-138	PG&E	Humboldt	7-Nov-09	15 - 25	No	INC	24	0:00	23:59	721.34	\$0	\$0	(\$23,412)	0.00	\$0	\$0	\$0	\$0	\$0
165	RT	T-138	PG&E	Humboldt	9-Nov-09	5 - 15	Yes	DEC	17	6:30	22:49	(37.29)	\$0	\$0	\$1,933	(2.50)	\$0	\$91	\$0	\$0	\$0
166	RT	T-138	PG&E	Humboldt	9-Nov-09	10	Yes	INC	16	7:50	22:09	21.77	\$7,936	\$59	(\$1,618)	1.42	(\$98)	\$0	\$0	(\$180)	\$0
167	RT	T-138	PG&E	Humboldt	10-Nov-09	5 - 10	Yes	DEC	16	6:30	21:44	(76.04)	\$0	\$0	\$3,036	0.00	\$0	\$0	\$0	\$0	\$0
168	RT	T-138	PG&E	Humboldt	10-Nov-09	0	Yes	INC	3	7:50	9:49	(0.10)	\$0	\$0	\$5	0.00	\$0	\$0	\$0	\$0	\$0
169	RT	T-138	PG&E	Humboldt	11-Nov-09	5 - 10	Yes	DEC	16	7:50	22:59	(66.88)	\$0	\$0	\$2,543	0.00	\$0	\$0	\$0	\$0	\$0
170	RT	T-138	PG&E	Humboldt	11-Nov-09	15	Yes	INC	17	7:50	23:54	56.87	\$0	\$0	(\$1,889)	36.77	(\$1,222)	\$0	\$0	(\$6,739)	\$0
171	RT	T-138	PG&E	Humboldt	12-Nov-09	5 - 15	Yes	DEC	18	5:40	22:14	(28.12)	\$0	\$0	\$1,025	0.00	\$0	\$0	\$0	\$0	\$0
172	RT	T-138	PG&E	Humboldt	12-Nov-09	25	Yes	INC	22	0:00	21:34	140.91	\$0	\$0	\$37	75.45	\$764	\$0	\$0	(\$17,172)	\$0
173	RT	T-138	PG&E	Humboldt	13-Nov-09	5 - 15	Yes	DEC	17	6:35	22:04	(92.76)	\$0	\$0	\$2,822	(2.08)	\$0	\$51	\$0	\$0	\$0
174	RT	T-138	PG&E	Humboldt	13-Nov-09	0	Yes	INC	7	14:35	20:14	(0.68)	\$0	\$0	\$17	0.00	\$0	\$0	\$0	\$0	\$0
175	RT	T-138	PG&E	Humboldt	14-Nov-09	5	Yes	DEC	3	19:00	21:39	(0.16)	\$0	\$0	\$5	0.00	\$0	\$0	\$0	\$0	\$0
176	RT	T-138	PG&E	Humboldt	14-Nov-09	15	Yes	INC	6	17:15	22:14	19.06	\$0	\$0	(\$2,955)	3.92	(\$138)	\$0	\$0	(\$719)	\$0
177	RT	T-138	PG&E	Humboldt	15-Nov-09	15	Yes	INC	6	17:15	22:19	4.38	\$0	\$0	(\$169)	3.16	(\$128)	\$0	\$0	(\$541)	\$0
178	RT	T-138	PG&E	Humboldt	16-Nov-09	5 - 46	Yes	DEC	16	7:45	22:14	(42.40)	\$0	\$0	\$1,420	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
179	RT	T-138	PG&E	Humboldt	16-Nov-09	15	Yes	INC	16	5:50	20:54	68.75	\$0	\$0	(\$2,477)	42.29	(\$1,553)	\$0	\$0	(\$7,643)	\$0
180	RT	T-138	PG&E	Humboldt	17-Nov-09	15	No	DEC	2	10:45	11:14	(9.58)	\$0	\$0	\$320	(2.50)	\$0	\$83	\$0	\$0	\$0
181	RT	T-138	PG&E	Humboldt	17-Nov-09	15	Yes	INC	17	6:00	22:54	158.85	\$30,422	\$62	(\$5,952)	83.61	(\$3,181)	\$0	\$0	(\$15,056)	\$0
182	RT	T-138	PG&E	Humboldt	18-Nov-09	5 - 10	Yes	DEC	6	17:55	22:59	(15.57)	\$0	\$0	\$661	0.00	\$0	\$0	\$0	\$0	\$0
183	RT	T-138	PG&E	Humboldt	18-Nov-09	15	Yes	INC	18	5:35	22:39	160.10	\$6,283	\$71	(\$5,869)	92.36	(\$3,397)	\$0	\$0	(\$16,727)	\$0
184	RT	T-138	PG&E	Humboldt	19-Nov-09	5 - 15	Yes	DEC	17	5:00	21:54	(40.42)	\$0	\$0	\$1,585	(2.50)	\$0	\$78	\$0	\$0	\$0
185	RT	T-138	PG&E	Humboldt	19-Nov-09	15	Yes	INC	19	5:00	23:49	70.52	\$12,235	\$59	(\$2,779)	21.49	(\$851)	\$0	\$0	(\$3,807)	\$0
186	RT	T-138	PG&E	Humboldt	20-Nov-09	5 - 10	Yes	DEC	4	14:40	17:09	(1.93)	\$0	\$0	\$68	0.00	\$0	\$0	\$0	\$0	\$0
187	RT	T-138	PG&E	Humboldt	20-Nov-09	65	Yes	INC	22	0:37	21:09	315.45	\$11,778	\$119	(\$10,505)	218.18	(\$7,193)	\$0	\$0	(\$29,720)	\$0
188	RT	T-153	SCE	Big Creek-Ventura	12-Nov-09	150	No	DEC	2	22:28	23:09	(99.34)	\$0	\$0	\$3,822	(62.81)	\$0	\$952	\$0	(\$633)	\$0
189	RT	T-153	SCE	LA Basin	12-Nov-09	66 - 80	No	DEC	2	22:29	23:11	(69.02)	\$0	\$0	\$1,202	0.00	\$0	\$0	\$0	\$0	\$0
190	RT	T-153	SDG&E	N/A	12-Nov-09	200	No	DEC	2	22:30	23:11	(129.82)	\$0	\$0	(\$686)	(70.57)	\$0	\$1,276	\$0	(\$368)	\$0
191	RT	T-153	SDG&E	San Diego	12-Nov-09	143 - 400	No	DEC	2	22:29	23:59	(191.67)	\$0	\$0	(\$5,896)	(75.15)	\$0	(\$1,575)	\$0	(\$43)	\$0
192	RT	T-153	SDG&E	San Diego	12-Nov-09	110	No	INC	2	22:29	23:09	5.40	\$0	\$0	(\$155)	0.00	\$0	\$0	\$0	\$0	\$0
193	RT	Transmission Outage PG&E	PG&E	Bay Area	1-Nov-09	257	No	INC	1	17:00	17:59	30.24	\$0	\$0	(\$2,619)	0.00	\$0	\$0	\$0	\$0	\$0
194	RT	Transmission Outage PG&E	PG&E	Bay Area	9-Nov-09	21	No	DEC	3	16:35	18:49	(37.10)	\$0	\$0	\$3,422	(35.90)	\$0	\$3,347	\$0	(\$2,396)	\$0
195	RT	Transmission Outage PG&E	PG&E	Bay Area	9-Nov-09	10 - 90	No	INC	12	7:40	18:49	250.31	\$0	\$0	(\$11,108)	0.00	\$0	\$0	\$0	\$0	\$0
196	RT	Transmission Outage PG&E	PG&E	Bay Area	12-Nov-09	25	No	INC	10	7:10	16:14	101.79	\$0	\$0	(\$4,289)	0.00	\$0	\$0	\$0	\$0	\$0
197	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Nov-09	170 - 190	No	INC	1	14:40	14:59	68.77	\$0	\$0	(\$2,871)	0.00	\$0	\$0	\$0	\$0	\$0
198	RT	Transmission Outage PG&E	PG&E	Humboldt	2-Nov-09	14 - 27	No	DEC	7	10:20	16:44	(97.47)	\$0	\$0	\$5,260	(92.51)	\$0	\$4,995	\$0	(\$2,962)	\$0
199	RT	Transmission Outage PG&E	PG&E	Humboldt	2-Nov-09	10 - 20	Yes	INC	6	11:40	16:44	45.31	\$8,597	\$57	(\$2,413)	22.34	(\$1,190)	\$0	\$0	(\$2,856)	\$0
200	RT	Transmission Outage PG&E	PG&E	Humboldt	4-Nov-09	1 - 8	No	DEC	11	7:10	17:29	0.68	\$0	\$0	(\$41)	0.00	\$0	\$0	\$0	\$0	\$0
201	RT	Transmission Outage PG&E	PG&E	Humboldt	4-Nov-09	26	No	INC	14	6:55	19:59	67.77	\$0	\$0	(\$3,631)	63.72	(\$3,208)	\$0	\$0	(\$1,634)	\$0
202	RT	Transmission Outage PG&E	PG&E	NCNB	30-Nov-09	5	No	DEC	2	17:25	18:59	(7.88)	\$0	\$0	\$356	(7.83)	\$0	\$354	\$0	(\$289)	\$0
203	RT	Transmission Outage PG&E	PG&E	Sierra	1-Nov-09	1 - 5	No	DEC	10	11:23	20:14	(40.39)	\$0	\$0	\$1,646	(40.33)	\$0	\$1,644	\$0	(\$1,335)	\$0
204	RT	Transmission Outage PG&E	PG&E	Sierra	1-Nov-09	8	No	INC	1	20:00	20:14	(0.50)	\$0	\$0	\$24	0.00	\$0	\$0	\$0	\$0	\$0
205	RT	Transmission Outage PG&E	PG&E	Sierra	2-Nov-09	5 - 15	Yes	DEC	9	10:39	18:09	(100.73)	\$0	\$0	\$4,204	(99.01)	\$0	\$4,172	\$0	(\$4,137)	\$0
206	RT	Transmission Outage PG&E	PG&E	Sierra	21-Nov-09	20 - 80	No	DEC	11	10:10	20:59	(578.04)	\$0	\$0	\$13,275	(513.10)	\$0	\$11,741	\$0	(\$11,056)	\$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
207	RT	Transmission Outage PG&E	PG&E	Sierra	22-Nov-09	10 - 50	No	DEC	14	7:50	20:59	(307.39)	\$0	\$0	\$7,789	(204.85)	\$0	\$5,103	\$0	(\$5,024)	\$0
208	RT	Transmission Outage PG&E	PG&E	Sierra	23-Nov-09	5 - 56	No	DEC	10	10:20	19:59	(152.51)	\$0	\$0	\$19,090	(66.42)	\$0	\$15,558	\$0	(\$15,091)	\$0
209	RT	Transmission Outage PG&E	PG&E	Sierra	23-Nov-09	25	No	INC	8	10:30	17:04	(3.17)	\$0	\$0	\$76	0.00	\$0	\$0	\$0	\$0	\$0
210	RT	Transmission Outage PG&E	PG&E	Sierra	25-Nov-09	6 - 18	No	DEC	19	5:01	23:59	(206.17)	\$0	\$0	\$20,848	(198.19)	\$0	\$20,350	\$0	(\$19,614)	\$0
211	RT	Transmission Outage PG&E	PG&E	Sierra	25-Nov-09	13	No	INC	5	18:20	22:14	2.03	\$0	\$0	(\$89)	0.00	\$0	\$0	\$0	\$0	\$0
212	RT	Transmission Outage PG&E	PG&E	Sierra	26-Nov-09	10 - 24	No	DEC	19	0:00	18:59	(266.14)	\$0	\$0	\$6,987	(252.54)	\$0	\$6,912	\$0	(\$6,472)	\$0
213	RT	Transmission Outage PG&E	PG&E	Sierra	26-Nov-09	5	No	INC	13	11:20	23:59	(1.86)	\$0	\$0	(\$371)	0.00	\$0	\$0	\$0	\$0	\$0
214	RT	Transmission Outage PG&E	PG&E	Sierra	27-Nov-09	10 - 23	No	DEC	20	4:50	23:59	(329.92)	\$0	\$0	\$7,706	(254.43)	\$0	\$6,954	\$0	(\$1,849)	\$0
215	RT	Transmission Outage PG&E	PG&E	Sierra	27-Nov-09	3 - 47	No	INC	24	0:00	23:14	(16.05)	\$0	\$0	(\$0)	0.00	\$0	\$0	\$0	\$0	\$0
216	RT	Transmission Outage PG&E	PG&E	Sierra	28-Nov-09	10 - 40	No	DEC	24	0:00	23:59	(564.57)	\$0	\$0	\$18,629	(564.43)	\$0	\$18,558	\$0	(\$12,437)	\$0
217	RT	Transmission Outage PG&E	PG&E	Sierra	28-Nov-09	5 - 15	No	INC	14	0:00	13:49	11.12	\$0	\$0	(\$318)	0.00	\$0	\$0	\$0	\$0	\$0
218	RT	Transmission Outage PG&E	PG&E	Sierra	29-Nov-09	2 - 65	No	DEC	24	0:00	23:59	(443.19)	\$0	\$0	\$14,797	(464.77)	\$0	\$15,347	\$0	(\$14,691)	\$0
219	RT	Transmission Outage PG&E	PG&E	Sierra	29-Nov-09	5 - 15	No	INC	23	0:00	22:14	17.21	\$0	\$0	(\$410)	0.00	\$0	\$0	\$0	\$0	\$0
220	RT	Transmission Outage PG&E	PG&E	Sierra	30-Nov-09	2 - 25	No	DEC	8	0:00	7:59	(92.98)	\$0	\$0	\$2,401	(54.04)	\$0	\$2,005	\$0	(\$921)	\$0
221	RT	Transmission Outage PG&E	PG&E	Sierra	30-Nov-09	20	No	INC	8	0:05	7:59	(98.42)	\$0	\$0	\$1,398	0.00	\$0	\$0	\$0	\$0	\$0
222	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	4-Nov-09	20	Yes	INC	7	17:00	23:59	272.06	\$10,276	\$0	(\$13,985)	44.88	(\$2,252)	\$0	(\$270)	\$0	\$0
223	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	5-Nov-09	20	Yes	INC	18	0:00	17:59	586.36	\$27,431	\$0	(\$28,587)	42.62	(\$2,314)	\$0	\$0	\$0	\$0
224	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Nov-09	20	Yes	INC	2	12:00	13:59	15.00	\$497	\$0	(\$487)	0.00	\$0	\$0	\$0	\$0	\$0
225	RT	Transmission Outage SCE	SCE	LA Basin	16-Nov-09	20 - 40	Yes	INC	20	4:00	23:59	1950.75	\$48,264	\$0	(\$81,517)	883.36	(\$33,220)	\$0	\$0	\$0	\$0
226	RT	Transmission Outage SCE	SCE	LA Basin	17-Nov-09	0	No	INC	1	4:05	4:24	1910.84	\$58,067	\$26,314	(\$63,534)	0.00	\$0	\$0	\$0	\$0	\$0
227	RT	Transmission Outage SCE	SCE	LA Basin	29-Nov-09	20	Yes	INC	6	18:47	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
228	RT	Transmission Outage SCE	SCE	LA Basin	30-Nov-09	20 - 80	Yes	INC	24	0:00	23:59	265.87	\$14,293	\$0	(\$11,226)	0.00	\$0	\$0	\$0	\$0	\$0
229	RT	Transmission Outage SCE	SCE	N/A	3-Nov-09	245	Yes	INC	3	17:35	19:59	2502.43	\$64,320	\$0	(\$108,491)	30.00	(\$892)	\$0	\$0	(\$0)	\$0
230	RT	Transmission Outage SCE	SCE	N/A	4-Nov-09	180 - 260	Yes	INC	12	12:45	23:59	590.50	\$0	\$0	(\$47,610)	372.39	(\$21,159)	\$0	\$0	(\$8,847)	\$0
231	RT	Transmission Outage SCE	SCE	N/A	5-Nov-09	80 - 490	Yes	INC	24	0:00	23:59	2799.98	\$29,143	\$0	(\$127,211)	1687.55	(\$65,657)	\$0	\$0	(\$35,646)	\$0
232	RT	Transmission Outage SCE	SCE	N/A	6-Nov-09	80 - 410	Yes	INC	8	0:00	7:49	5390.71	\$51,384	\$0	(\$203,743)	4284.13	(\$156,439)	\$0	\$0	(\$144,455)	\$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
233	RT	Transmission Outage SDG&E	SCE	LA Basin	7-Nov-09	20	Yes	INC	24	0:00	23:59	408.68	\$26,855	\$0	(\$8,050)	0.00	\$0	\$0	\$0	\$0	\$0
234	RT	Transmission Outage SDG&E	SDG&E	San Diego	2-Nov-09	6	Yes	DEC	6	12:35	17:29	2.03	\$0	\$0	(\$62)	0.00	\$0	\$0	\$0	\$0	\$0
235	RT	Transmission Outage SDG&E	SDG&E	San Diego	2-Nov-09	35 - 125	Yes	INC	6	12:35	17:44	549.21	\$29,051	\$754	(\$27,139)	57.91	(\$2,789)	\$0	\$0	(\$1,243)	\$0
236	RT	Transmission Outage SDG&E	SDG&E	San Diego	14-Nov-09	200	Yes	INC	1	7:00	7:59	267.12	\$5,744	\$4,373	(\$4,731)	0.00	\$0	\$0	\$0	\$0	\$0
237	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Nov-09	37	Yes	INC	12	8:33	19:29	439.62	\$7,303	\$645	(\$13,317)	0.00	\$0	\$0	\$0	\$0	\$0
238	RT	Unit Testing	N/A	N/A	13-Nov-09	200 - 800	No	INC	1	6:20	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
239	RT	Unit Testing	PG&E	N/A	12-Nov-09	50 - 400	Yes	INC	3	9:24	11:55	355.47	\$4,097	\$708	(\$12,835)	48.79	(\$2,159)	\$0	\$0	\$0	\$0



## Appendix A: Explanation by Example

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

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

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

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs<sup>9</sup>. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

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

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Reason	Total Volume (MWh)	Min-Load Cost	Start- Up Cost	CC6620 (BCR)
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	G-219	300	\$5000	\$0	\$0
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	G-219	390	\$6000	\$500	\$4000
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	G-219.	300	\$400	\$1000	\$1000

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead, however the exceptional dispatches are nearly always just commitments, as in this example. The begin time shows hour ending 5 as this was the hour ending for first dispatch of the day, and the end time shows hour ending 23, as this was the hour with last dispatch. It is also possible that there might be some hours between the begin time and the end time where there might not be exceptional dispatch instructions for the given reason, meaning that the range between the Begin Time and End Time can include null hours with no dispatch. The total volume (MWh) is the sum of MWh quantity for each resource, which adds up to 990 MWh. Similarly, all cost information is sum of individual resource costs. It is possible that some resource bid-in zero start-up cost; as seen in this example, resource A bid in zero for its start up cost. Since the ISO does not explicitly pay a resource for bid-in minimum load costs and start-up costs; these costs are recovered through the charge code CC6620 (Bid Cost Recovery), this table shows the summary of CC6620 for the classification. In this case it is the sum of CC6620 for all three resources which adds up to \$5000. This column shows the impact of exceptional dispatch on bid cost recovery for all pre-day-ahead exceptional dispatch commitments.

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

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

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

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

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

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

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

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

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

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

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

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

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

**Example 3: Decremental Exceptional Dispatch Instructions in RTM**

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

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

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

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

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

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

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

## Appendix B: Price Impact Analysis

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

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

- Exceptional dispatch information: constrained level, constraint type, start of exceptional dispatch instruction and end of exceptional dispatch instruction.
- Real-Time LMPs for each of the five minute interval 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 8652 five-minute intervals in November, this resource was issued exceptional dispatch instructions in 1232 five-minute intervals. This resource was eligible to set the LMP in 583 intervals of the 1232 intervals. The resource calculated LMP was less than the market LMP in 1 out of the 583 intervals, and in the rest of the 582 intervals, the average increase in five minute LMP was \$183.22/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 \$183.22/MWh. Note that 582 five minute intervals in November are approximately 6.7 percent of the total 8652 five minute.

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 8652 five minute intervals, this resource was issued an exceptional dispatch instruction in 1846 five minute intervals. This resource was eligible to set the LMP in all 1846 intervals. The resource calculated LMP was less than the market LMP in 573 out of the 1846 intervals, and in the rest of the 1273 intervals the average increase in five minute LMP was \$12.35/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 \$12.35/MWh. In the month of November, the 1273 five minute intervals account for approximately 14.7 percent of the total 8652 five minute intervals.

**Table 8: Price Impact Analysis Information for Pricing Node A in PG&E LAP**

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	2-Nov-09	13	4	\$65.49	Yes	\$224.00	\$158.51
2	2-Nov-09	13	5	\$64.23	Yes	\$224.00	\$159.77
3	2-Nov-09	13	6	\$63.29	Yes	\$224.00	\$160.71
4	2-Nov-09	13	7	\$57.12	Yes	\$224.00	\$166.88
5	2-Nov-09	13	8	\$56.76	Yes	\$224.00	\$167.24
6	2-Nov-09	13	9	\$56.76	Yes	\$224.00	\$167.24
7	2-Nov-09	13	10	\$56.43	Yes	\$224.00	\$167.57
8	2-Nov-09	13	11	\$56.43	Yes	\$224.00	\$167.57
9	2-Nov-09	13	12	\$56.37	Yes	\$224.00	\$167.63
10	2-Nov-09	14	1	\$52.43	Yes	\$224.00	\$171.57
11	2-Nov-09	14	2	\$52.43	Yes	\$224.00	\$171.57
12	2-Nov-09	14	3	\$52.43	Yes	\$224.00	\$171.57
13	2-Nov-09	14	4	\$56.11	Yes	\$224.00	\$167.89
14	2-Nov-09	14	5	\$53.23	Yes	\$224.00	\$170.77
15	2-Nov-09	14	6	\$53.23	Yes	\$224.00	\$170.77
16	2-Nov-09	14	7	\$60.78	Yes	\$224.00	\$163.22
17	2-Nov-09	14	8	\$56.22	Yes	\$224.00	\$167.78
18	2-Nov-09	14	9	\$56.22	Yes	\$224.00	\$167.78
19	2-Nov-09	14	10	\$52.82	Yes	\$224.00	\$171.18
20	2-Nov-09	14	11	\$55.66	Yes	\$224.00	\$168.34
21	2-Nov-09	14	12	\$52.70	Yes	\$224.00	\$171.30
22	2-Nov-09	15	1	\$54.06	Yes	\$224.00	\$169.94
23	2-Nov-09	15	2	\$54.06	Yes	\$224.00	\$169.94
24	2-Nov-09	15	3	\$54.06	Yes	\$224.00	\$169.94
25	2-Nov-09	15	4	\$54.06	Yes	\$224.00	\$169.94
26	2-Nov-09	15	5	\$54.06	Yes	\$224.00	\$169.94
27	2-Nov-09	15	6	\$54.06	Yes	\$224.00	\$169.94
28	2-Nov-09	15	7	\$53.56	Yes	\$224.00	\$170.44
29	2-Nov-09	15	8	\$52.47	Yes	\$224.00	\$171.53
30	2-Nov-09	15	9	\$53.61	Yes	\$224.00	\$170.39
31	2-Nov-09	15	10	\$53.61	Yes	\$224.00	\$170.39
32	2-Nov-09	15	11	\$51.58	Yes	\$224.00	\$172.42
33	2-Nov-09	15	12	\$53.61	Yes	\$224.00	\$170.39
34	2-Nov-09	16	1	\$53.33	Yes	\$224.00	\$170.67
35	2-Nov-09	16	2	\$53.33	Yes	\$224.00	\$170.67
36	2-Nov-09	16	3	\$50.01	Yes	\$224.00	\$173.99
37	2-Nov-09	16	4	\$49.85	Yes	\$224.00	\$174.15
38	2-Nov-09	16	5	\$47.90	Yes	\$224.00	\$176.10
39	2-Nov-09	16	6	\$49.85	Yes	\$224.00	\$174.15
40	2-Nov-09	16	7	\$49.32	Yes	\$224.00	\$174.68
41	2-Nov-09	16	8	\$49.32	Yes	\$224.00	\$174.68
42	2-Nov-09	16	9	\$50.80	Yes	\$224.00	\$173.20
43	2-Nov-09	16	10	\$50.37	Yes	\$224.00	\$173.63

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	2-Nov-09	16	11	\$49.37	Yes	\$224.00	\$174.63
45	2-Nov-09	16	12	\$50.37	Yes	\$224.00	\$173.63
46	2-Nov-09	17	1	\$50.57	Yes	\$224.00	\$173.43
47	2-Nov-09	17	2	\$50.14	Yes	\$224.00	\$173.86
48	2-Nov-09	17	3	\$50.14	Yes	\$224.00	\$173.86
49	2-Nov-09	17	4	\$49.71	Yes	\$224.00	\$174.29
50	2-Nov-09	17	5	\$49.71	Yes	\$224.00	\$174.29
51	2-Nov-09	17	6	\$46.02	Yes	\$224.00	\$177.98
52	2-Nov-09	17	7	\$49.53	Yes	\$224.00	\$174.47
53	2-Nov-09	17	8	\$49.53	Yes	\$224.00	\$174.47
54	2-Nov-09	17	9	\$49.53	Yes	\$224.00	\$174.47
55	9-Nov-09	18	5	\$79.70	Yes	\$224.00	\$144.30
56	9-Nov-09	18	6	\$111.71	Yes	\$224.00	\$112.29
57	9-Nov-09	18	7	\$111.97	Yes	\$224.00	\$112.03
58	9-Nov-09	18	8	\$116.41	Yes	\$224.00	\$107.59
59	9-Nov-09	18	9	\$507.35	Yes	\$224.00	-\$283.35
60	9-Nov-09	18	10	\$79.09	Yes	\$224.00	\$144.91
61	9-Nov-09	18	11	\$79.09	Yes	\$224.00	\$144.91
62	9-Nov-09	18	12	\$94.97	Yes	\$224.00	\$129.03
63	9-Nov-09	19	1	\$77.16	Yes	\$224.00	\$146.84
64	9-Nov-09	19	2	\$76.87	Yes	\$224.00	\$147.13
65	9-Nov-09	19	3	\$68.21	Yes	\$224.00	\$155.79
66	9-Nov-09	19	4	\$74.14	Yes	\$224.00	\$149.86
67	9-Nov-09	19	5	\$71.80	Yes	\$224.00	\$152.20
68	9-Nov-09	19	6	\$57.46	Yes	\$224.00	\$166.54
69	9-Nov-09	19	7	\$57.55	Yes	\$224.00	\$166.45
70	9-Nov-09	19	8	\$50.36	Yes	\$224.00	\$173.64
71	9-Nov-09	19	9	\$43.37	Yes	\$224.00	\$180.63
72	9-Nov-09	19	10	\$44.89	Yes	\$224.00	\$179.11
73	9-Nov-09	19	11	\$44.89	Yes	\$224.00	\$179.11
74	9-Nov-09	19	12	\$45.90	Yes	\$224.00	\$178.10
75	9-Nov-09	20	1	\$53.59	Yes	\$224.00	\$170.41
76	9-Nov-09	20	2	\$57.60	Yes	\$224.00	\$166.40
77	9-Nov-09	20	3	\$53.59	Yes	\$224.00	\$170.41
78	9-Nov-09	20	4	\$53.32	Yes	\$224.00	\$170.68
79	9-Nov-09	20	5	\$60.42	Yes	\$224.00	\$163.58
80	9-Nov-09	20	6	\$53.32	Yes	\$224.00	\$170.68
81	9-Nov-09	20	7	\$73.43	Yes	\$224.00	\$150.57
82	9-Nov-09	20	8	\$70.88	Yes	\$224.00	\$153.12
83	9-Nov-09	20	9	\$70.88	Yes	\$224.00	\$153.12
84	9-Nov-09	20	10	\$45.87	Yes	\$224.00	\$178.13
85	9-Nov-09	20	11	\$49.85	Yes	\$224.00	\$174.15
86	9-Nov-09	20	12	\$43.18	Yes	\$224.00	\$180.82
87	9-Nov-09	21	1	\$68.06	Yes	\$224.00	\$155.94
88	9-Nov-09	21	2	\$68.06	Yes	\$224.00	\$155.94

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	9-Nov-09	21	3	\$50.89	Yes	\$224.00	\$173.11
90	9-Nov-09	21	4	\$47.73	Yes	\$224.00	\$176.27
91	9-Nov-09	21	5	\$43.62	Yes	\$224.00	\$180.38
92	9-Nov-09	21	6	\$38.66	Yes	\$224.00	\$185.34
93	9-Nov-09	21	7	\$46.30	Yes	\$224.00	\$177.70
94	9-Nov-09	21	8	\$44.50	Yes	\$224.00	\$179.50
95	9-Nov-09	21	9	\$45.22	Yes	\$224.00	\$178.78
96	9-Nov-09	21	10	\$43.17	Yes	\$224.00	\$180.83
97	9-Nov-09	21	11	\$39.83	Yes	\$224.00	\$184.17
98	9-Nov-09	21	12	\$39.31	Yes	\$224.00	\$184.69
99	9-Nov-09	22	1	\$52.56	Yes	\$224.00	\$171.44
100	9-Nov-09	22	2	\$47.79	Yes	\$224.00	\$176.21
101	9-Nov-09	22	3	\$47.79	Yes	\$224.00	\$176.21
102	9-Nov-09	22	4	\$43.83	Yes	\$224.00	\$180.17
103	9-Nov-09	22	5	\$44.08	Yes	\$224.00	\$179.92
104	9-Nov-09	22	6	\$41.83	Yes	\$224.00	\$182.17
105	9-Nov-09	22	7	\$41.33	Yes	\$224.00	\$182.67
106	9-Nov-09	22	8	\$38.92	Yes	\$224.00	\$185.08
107	9-Nov-09	22	9	\$38.92	No	\$224.00	\$185.08
108	9-Nov-09	22	10	\$37.01	No	\$224.00	\$186.99
109	9-Nov-09	22	11	\$31.21	No	\$224.00	\$192.79
110	9-Nov-09	22	12	\$26.72	No	\$224.00	\$197.28
111	9-Nov-09	23	1	\$45.08	No	\$224.00	\$178.92
112	9-Nov-09	23	2	\$47.30	No	\$224.00	\$176.70
113	10-Nov-09	7	7	\$36.61	Yes	\$224.00	\$187.39
114	10-Nov-09	7	8	\$36.61	Yes	\$224.00	\$187.39
115	10-Nov-09	7	9	\$38.35	Yes	\$224.00	\$185.65
116	10-Nov-09	7	10	\$52.97	Yes	\$224.00	\$171.03
117	10-Nov-09	7	11	\$43.94	Yes	\$224.00	\$180.06
118	10-Nov-09	7	12	\$46.06	Yes	\$224.00	\$177.94
119	10-Nov-09	8	1	\$40.30	Yes	\$224.00	\$183.70
120	10-Nov-09	8	2	\$30.52	Yes	\$224.00	\$193.48
121	10-Nov-09	8	3	\$30.34	Yes	\$224.00	\$193.66
122	10-Nov-09	8	4	\$25.28	Yes	\$224.00	\$198.72
123	10-Nov-09	8	5	\$33.53	Yes	\$224.00	\$190.47
124	10-Nov-09	8	6	\$38.37	Yes	\$224.00	\$185.63
125	10-Nov-09	8	7	\$40.15	Yes	\$224.00	\$183.85
126	10-Nov-09	8	8	\$41.79	Yes	\$224.00	\$182.21
127	10-Nov-09	8	9	\$45.66	Yes	\$224.00	\$178.34
128	10-Nov-09	8	10	\$50.27	Yes	\$224.00	\$173.73
129	10-Nov-09	8	11	\$49.81	No	\$224.00	\$174.19
130	10-Nov-09	8	12	\$61.77	No	\$224.00	\$162.23
131	10-Nov-09	9	1	\$39.95	No	\$224.00	\$184.05
132	10-Nov-09	9	2	\$38.28	No	\$224.00	\$185.72
133	10-Nov-09	9	3	\$38.23	No	\$224.00	\$185.77



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	10-Nov-09	9	4	\$47.25	No	\$224.00	\$176.75
135	10-Nov-09	9	5	\$61.43	No	\$224.00	\$162.57
136	10-Nov-09	9	6	\$73.68	No	\$224.00	\$150.32
137	10-Nov-09	9	7	\$61.69	No	\$224.00	\$162.31
138	10-Nov-09	9	8	\$61.69	No	\$224.00	\$162.31
139	10-Nov-09	9	9	\$73.90	No	\$224.00	\$150.10
140	10-Nov-09	9	10	\$74.49	No	\$224.00	\$149.51
141	10-Nov-09	9	11	\$74.57	No	\$224.00	\$149.43
142	10-Nov-09	9	12	\$74.72	No	\$224.00	\$149.28
143	10-Nov-09	10	1	\$40.90	No	\$224.00	\$183.10
144	10-Nov-09	10	2	\$40.90	No	\$224.00	\$183.10
145	10-Nov-09	10	3	\$40.38	No	\$224.00	\$183.62
146	10-Nov-09	10	4	\$40.73	No	\$224.00	\$183.27
147	10-Nov-09	10	5	\$41.15	No	\$224.00	\$182.85
148	10-Nov-09	10	6	\$43.17	No	\$224.00	\$180.83
149	10-Nov-09	10	7	\$41.16	No	\$224.00	\$182.84
150	10-Nov-09	10	8	\$41.16	No	\$224.00	\$182.84
151	10-Nov-09	10	9	\$43.33	No	\$224.00	\$180.67
152	10-Nov-09	10	10	\$52.42	No	\$224.00	\$171.58
153	10-Nov-09	10	11	\$47.13	Yes	\$224.00	\$176.87
154	10-Nov-09	10	12	\$49.16	Yes	\$224.00	\$174.84
155	10-Nov-09	11	1	\$39.84	Yes	\$224.00	\$184.16
156	10-Nov-09	11	2	\$40.83	Yes	\$224.00	\$183.17
157	10-Nov-09	11	3	\$40.33	Yes	\$224.00	\$183.67
158	10-Nov-09	11	4	\$40.01	Yes	\$224.00	\$183.99
159	10-Nov-09	11	5	\$40.17	Yes	\$224.00	\$183.83
160	10-Nov-09	11	6	\$42.41	Yes	\$224.00	\$181.59
161	10-Nov-09	11	7	\$41.38	Yes	\$224.00	\$182.62
162	10-Nov-09	11	8	\$50.13	Yes	\$224.00	\$173.87
163	10-Nov-09	11	9	\$49.84	Yes	\$224.00	\$174.16
164	10-Nov-09	11	10	\$45.35	Yes	\$224.00	\$178.65
165	10-Nov-09	11	11	\$42.27	Yes	\$224.00	\$181.73
166	10-Nov-09	11	12	\$42.27	Yes	\$224.00	\$181.73
167	10-Nov-09	12	1	\$47.87	Yes	\$224.00	\$176.13
168	10-Nov-09	12	2	\$47.87	Yes	\$224.00	\$176.13
169	10-Nov-09	12	3	\$47.87	Yes	\$224.00	\$176.13
170	10-Nov-09	12	4	\$47.89	Yes	\$224.00	\$176.11
171	10-Nov-09	12	5	\$46.60	Yes	\$224.00	\$177.40
172	10-Nov-09	12	6	\$40.62	Yes	\$224.00	\$183.38
173	10-Nov-09	12	7	\$44.52	Yes	\$224.00	\$179.48
174	10-Nov-09	12	8	\$47.84	Yes	\$224.00	\$176.16
175	10-Nov-09	12	9	\$50.56	Yes	\$224.00	\$173.44
176	10-Nov-09	12	10	\$54.86	Yes	\$224.00	\$169.14
177	10-Nov-09	12	11	\$46.94	Yes	\$224.00	\$177.06
178	10-Nov-09	12	12	\$40.14	Yes	\$224.00	\$183.86

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	10-Nov-09	13	1	\$39.83	Yes	\$224.00	\$184.17
180	10-Nov-09	13	2	\$39.76	Yes	\$224.00	\$184.24
181	10-Nov-09	13	3	\$39.76	Yes	\$224.00	\$184.24
182	10-Nov-09	13	4	\$40.39	Yes	\$224.00	\$183.61
183	10-Nov-09	13	5	\$40.39	Yes	\$224.00	\$183.61
184	10-Nov-09	13	6	\$40.39	Yes	\$224.00	\$183.61
185	10-Nov-09	13	7	\$36.99	Yes	\$224.00	\$187.01
186	10-Nov-09	13	8	\$36.99	Yes	\$224.00	\$187.01
187	10-Nov-09	13	9	\$36.99	Yes	\$224.00	\$187.01
188	10-Nov-09	13	10	\$37.05	Yes	\$224.00	\$186.95
189	10-Nov-09	13	11	\$37.57	Yes	\$224.00	\$186.43
190	10-Nov-09	13	12	\$39.88	Yes	\$224.00	\$184.12
191	10-Nov-09	14	1	\$58.67	Yes	\$224.00	\$165.33
192	10-Nov-09	14	2	\$48.92	Yes	\$224.00	\$175.08
193	10-Nov-09	14	3	\$36.99	Yes	\$224.00	\$187.01
194	10-Nov-09	14	4	\$37.95	Yes	\$224.00	\$186.05
195	10-Nov-09	14	5	\$39.66	Yes	\$224.00	\$184.34
196	10-Nov-09	14	6	\$39.66	Yes	\$224.00	\$184.34
197	10-Nov-09	14	7	\$39.12	Yes	\$224.00	\$184.88
198	10-Nov-09	14	8	\$36.99	Yes	\$224.00	\$187.01
199	10-Nov-09	14	9	\$39.41	Yes	\$224.00	\$184.59
200	10-Nov-09	14	10	\$40.23	Yes	\$224.00	\$183.77
201	10-Nov-09	14	11	\$39.66	Yes	\$224.00	\$184.34
202	10-Nov-09	14	12	\$36.99	Yes	\$224.00	\$187.01
203	10-Nov-09	15	1	\$43.61	Yes	\$224.00	\$180.39
204	10-Nov-09	15	2	\$45.08	Yes	\$224.00	\$178.92
205	10-Nov-09	15	3	\$40.78	Yes	\$224.00	\$183.22
206	10-Nov-09	15	4	\$44.67	Yes	\$224.00	\$179.33
207	10-Nov-09	15	5	\$43.06	Yes	\$224.00	\$180.94
208	10-Nov-09	15	6	\$51.55	Yes	\$224.00	\$172.45
209	10-Nov-09	15	7	\$45.57	Yes	\$224.00	\$178.43
210	10-Nov-09	15	8	\$44.51	Yes	\$224.00	\$179.49
211	10-Nov-09	15	9	\$39.07	Yes	\$224.00	\$184.93
212	10-Nov-09	15	10	\$39.07	Yes	\$224.00	\$184.93
213	10-Nov-09	16	4	\$38.31	No	\$224.00	\$185.69
214	10-Nov-09	16	5	\$38.31	No	\$224.00	\$185.69
215	10-Nov-09	16	6	\$38.31	No	\$224.00	\$185.69
216	10-Nov-09	16	7	\$38.64	No	\$224.00	\$185.36
217	10-Nov-09	16	8	\$38.64	No	\$224.00	\$185.36
218	10-Nov-09	16	9	\$38.64	No	\$224.00	\$185.36
219	10-Nov-09	18	1	\$42.03	Yes	\$224.00	\$181.97
220	10-Nov-09	18	2	\$45.73	Yes	\$224.00	\$178.27
221	10-Nov-09	18	3	\$42.03	Yes	\$224.00	\$181.97
222	10-Nov-09	18	4	\$39.24	Yes	\$224.00	\$184.76
223	10-Nov-09	18	5	\$42.43	Yes	\$224.00	\$181.57

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	10-Nov-09	18	6	\$44.92	Yes	\$224.00	\$179.08
225	10-Nov-09	18	7	\$48.63	Yes	\$224.00	\$175.37
226	10-Nov-09	18	8	\$51.03	Yes	\$224.00	\$172.97
227	10-Nov-09	18	9	\$52.37	Yes	\$224.00	\$171.63
228	10-Nov-09	18	10	\$34.98	Yes	\$224.00	\$189.02
229	10-Nov-09	18	11	\$34.98	Yes	\$224.00	\$189.02
230	10-Nov-09	18	12	\$34.98	Yes	\$224.00	\$189.02
231	10-Nov-09	19	1	\$37.69	Yes	\$224.00	\$186.31
232	10-Nov-09	19	2	\$40.45	Yes	\$224.00	\$183.55
233	10-Nov-09	19	3	\$35.93	Yes	\$224.00	\$188.07
234	10-Nov-09	19	4	\$39.12	Yes	\$224.00	\$184.88
235	10-Nov-09	19	5	\$37.47	Yes	\$224.00	\$186.53
236	10-Nov-09	19	6	\$35.60	Yes	\$224.00	\$188.40
237	10-Nov-09	19	7	\$35.63	Yes	\$224.00	\$188.37
238	10-Nov-09	19	8	\$35.31	Yes	\$224.00	\$188.69
239	10-Nov-09	19	9	\$34.66	Yes	\$224.00	\$189.34
240	10-Nov-09	19	10	\$34.96	Yes	\$224.00	\$189.04
241	10-Nov-09	19	11	\$34.96	Yes	\$224.00	\$189.04
242	10-Nov-09	19	12	\$33.79	Yes	\$224.00	\$190.21
243	10-Nov-09	20	1	\$46.82	Yes	\$224.00	\$177.18
244	10-Nov-09	20	2	\$43.87	Yes	\$224.00	\$180.13
245	10-Nov-09	20	3	\$42.77	Yes	\$224.00	\$181.23
246	10-Nov-09	20	4	\$34.73	Yes	\$224.00	\$189.27
247	10-Nov-09	20	5	\$33.44	Yes	\$224.00	\$190.56
248	10-Nov-09	20	6	\$32.86	Yes	\$224.00	\$191.14
249	10-Nov-09	20	7	\$33.14	Yes	\$224.00	\$190.86
250	10-Nov-09	20	8	\$32.82	Yes	\$224.00	\$191.18
251	10-Nov-09	20	9	\$31.54	Yes	\$224.00	\$192.46
252	10-Nov-09	20	10	\$33.54	Yes	\$224.00	\$190.46
253	10-Nov-09	20	11	\$31.91	Yes	\$224.00	\$192.09
254	10-Nov-09	20	12	\$31.91	Yes	\$224.00	\$192.09
255	10-Nov-09	21	1	\$37.01	Yes	\$224.00	\$186.99
256	10-Nov-09	21	2	\$42.08	Yes	\$224.00	\$181.92
257	10-Nov-09	21	3	\$43.11	Yes	\$224.00	\$180.89
258	10-Nov-09	21	4	\$34.65	Yes	\$224.00	\$189.35
259	10-Nov-09	21	5	\$33.78	Yes	\$224.00	\$190.22
260	10-Nov-09	21	6	\$34.65	Yes	\$224.00	\$189.35
261	10-Nov-09	21	7	\$33.66	Yes	\$224.00	\$190.34
262	10-Nov-09	21	8	\$32.24	Yes	\$224.00	\$191.76
263	10-Nov-09	21	9	\$31.48	Yes	\$224.00	\$192.52
264	10-Nov-09	21	10	\$31.67	Yes	\$224.00	\$192.33
265	10-Nov-09	21	11	\$31.29	Yes	\$224.00	\$192.71
266	10-Nov-09	21	12	\$30.05	Yes	\$224.00	\$193.95
267	10-Nov-09	22	1	\$42.14	Yes	\$224.00	\$181.86
268	10-Nov-09	22	2	\$39.83	Yes	\$224.00	\$184.17

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	10-Nov-09	22	3	\$40.04	Yes	\$224.00	\$183.96
270	10-Nov-09	22	4	\$35.70	Yes	\$224.00	\$188.30
271	10-Nov-09	22	5	\$34.77	Yes	\$224.00	\$189.23
272	10-Nov-09	22	6	\$34.06	Yes	\$224.00	\$189.94
273	10-Nov-09	22	7	\$33.47	Yes	\$224.00	\$190.53
274	10-Nov-09	22	8	\$31.59	Yes	\$224.00	\$192.41
275	10-Nov-09	22	9	\$30.68	Yes	\$224.00	\$193.32
276	11-Nov-09	8	11	\$34.22	Yes	\$224.00	\$189.78
277	11-Nov-09	8	12	\$34.13	Yes	\$224.00	\$189.87
278	11-Nov-09	9	2	\$34.26	No	\$224.00	\$189.74
279	11-Nov-09	9	3	\$35.02	No	\$224.00	\$188.98
280	11-Nov-09	9	4	\$44.83	No	\$224.00	\$179.17
281	11-Nov-09	9	5	\$47.49	No	\$224.00	\$176.51
282	11-Nov-09	9	6	\$47.58	No	\$224.00	\$176.42
283	11-Nov-09	9	7	\$46.93	No	\$224.00	\$177.07
284	11-Nov-09	21	2	\$35.23	No	\$224.00	\$188.77
285	11-Nov-09	21	3	\$35.23	No	\$224.00	\$188.77
286	11-Nov-09	21	4	\$33.39	No	\$224.00	\$190.61
287	11-Nov-09	21	5	\$33.04	No	\$224.00	\$190.96
288	11-Nov-09	21	6	\$32.76	No	\$224.00	\$191.24
289	11-Nov-09	21	7	\$31.90	No	\$224.00	\$192.10
290	11-Nov-09	21	8	\$31.37	No	\$224.00	\$192.63
291	11-Nov-09	21	9	\$31.37	No	\$224.00	\$192.63
292	11-Nov-09	21	10	\$32.34	No	\$224.00	\$191.66
293	11-Nov-09	21	11	\$30.61	No	\$224.00	\$193.39
294	11-Nov-09	21	12	\$30.00	No	\$224.00	\$194.00
295	11-Nov-09	22	1	\$38.15	No	\$224.00	\$185.85
296	11-Nov-09	22	2	\$41.09	No	\$224.00	\$182.91
297	11-Nov-09	22	3	\$37.11	No	\$224.00	\$186.89
298	11-Nov-09	22	4	\$35.76	No	\$224.00	\$188.24
299	11-Nov-09	22	5	\$37.65	No	\$224.00	\$186.35
300	11-Nov-09	22	6	\$32.86	No	\$224.00	\$191.14
301	11-Nov-09	22	7	\$33.46	No	\$224.00	\$190.54
302	11-Nov-09	22	8	\$30.10	No	\$224.00	\$193.90
303	11-Nov-09	22	9	\$29.81	No	\$224.00	\$194.19
304	11-Nov-09	22	10	\$31.97	No	\$224.00	\$192.03
305	11-Nov-09	22	11	\$30.94	No	\$224.00	\$193.06
306	11-Nov-09	22	12	\$30.68	No	\$224.00	\$193.32
307	11-Nov-09	23	1	\$31.65	No	\$224.00	\$192.35
308	11-Nov-09	23	2	\$37.69	No	\$224.00	\$186.31
309	11-Nov-09	23	3	\$36.50	No	\$224.00	\$187.50
310	11-Nov-09	23	4	\$33.86	No	\$224.00	\$190.14
311	11-Nov-09	23	5	\$35.30	No	\$224.00	\$188.70
312	11-Nov-09	23	6	\$34.90	No	\$224.00	\$189.10
313	11-Nov-09	23	7	\$35.75	No	\$224.00	\$188.25

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
314	11-Nov-09	23	8	\$37.38	No	\$224.00	\$186.62
315	11-Nov-09	23	9	\$38.59	No	\$224.00	\$185.41
316	11-Nov-09	23	10	\$37.28	No	\$224.00	\$186.72
317	11-Nov-09	23	11	\$36.32	No	\$224.00	\$187.68
318	11-Nov-09	23	12	\$29.53	No	\$224.00	\$194.48
319	11-Nov-09	24	1	\$30.18	No	\$224.00	\$193.82
320	11-Nov-09	24	2	\$28.68	No	\$224.00	\$195.32
321	11-Nov-09	24	3	\$28.52	No	\$224.00	\$195.48
322	11-Nov-09	24	4	\$31.68	No	\$224.00	\$192.32
323	11-Nov-09	24	5	\$30.47	No	\$224.00	\$193.54
324	11-Nov-09	24	6	\$31.08	No	\$224.00	\$192.92
325	11-Nov-09	24	7	\$31.24	No	\$224.00	\$192.76
326	11-Nov-09	24	8	\$31.61	No	\$224.00	\$192.39
327	11-Nov-09	24	9	\$31.08	Yes	\$224.00	\$192.92
328	11-Nov-09	24	10	\$30.21	Yes	\$224.00	\$193.79
329	11-Nov-09	24	11	\$28.76	Yes	\$224.00	\$195.24
330	12-Nov-09	1	1	\$25.57	Yes	\$224.00	\$198.43
331	12-Nov-09	1	2	\$28.38	Yes	\$224.00	\$195.62
332	12-Nov-09	1	3	\$25.37	Yes	\$224.00	\$198.63
333	12-Nov-09	1	4	\$35.64	Yes	\$224.00	\$188.36
334	12-Nov-09	1	5	\$34.61	Yes	\$224.00	\$189.39
335	12-Nov-09	1	6	\$39.23	Yes	\$224.00	\$184.77
336	12-Nov-09	1	7	\$48.12	Yes	\$224.00	\$175.88
337	12-Nov-09	1	8	\$41.14	Yes	\$224.00	\$182.86
338	12-Nov-09	1	9	\$35.62	Yes	\$224.00	\$188.38
339	12-Nov-09	1	10	\$36.23	Yes	\$224.00	\$187.77
340	12-Nov-09	1	11	\$35.94	Yes	\$224.00	\$188.06
341	12-Nov-09	1	12	\$36.01	Yes	\$224.00	\$187.99
342	12-Nov-09	2	1	\$37.49	Yes	\$224.00	\$186.51
343	12-Nov-09	2	2	\$37.43	Yes	\$224.00	\$186.57
344	12-Nov-09	2	3	\$37.13	Yes	\$224.00	\$186.87
345	12-Nov-09	2	4	\$36.67	Yes	\$224.00	\$187.33
346	12-Nov-09	2	5	\$36.58	Yes	\$224.00	\$187.42
347	12-Nov-09	2	6	\$36.58	Yes	\$224.00	\$187.42
348	12-Nov-09	2	7	\$35.97	Yes	\$224.00	\$188.03
349	12-Nov-09	2	8	\$35.99	Yes	\$224.00	\$188.01
350	12-Nov-09	2	9	\$35.99	Yes	\$224.00	\$188.01
351	12-Nov-09	2	10	\$34.85	Yes	\$224.00	\$189.15
352	12-Nov-09	2	11	\$34.64	Yes	\$224.00	\$189.36
353	12-Nov-09	2	12	\$35.30	Yes	\$224.00	\$188.70
354	12-Nov-09	3	1	\$34.60	Yes	\$224.00	\$189.40
355	12-Nov-09	3	2	\$34.60	Yes	\$224.00	\$189.40
356	12-Nov-09	3	3	\$34.60	Yes	\$224.00	\$189.40
357	12-Nov-09	3	4	\$34.57	Yes	\$224.00	\$189.43
358	12-Nov-09	3	5	\$34.20	Yes	\$224.00	\$189.80

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	12-Nov-09	3	6	\$34.57	Yes	\$224.00	\$189.43
360	12-Nov-09	3	7	\$33.99	Yes	\$224.00	\$190.01
361	12-Nov-09	3	8	\$32.64	Yes	\$224.00	\$191.36
362	12-Nov-09	3	9	\$33.99	Yes	\$224.00	\$190.01
363	12-Nov-09	3	10	\$34.07	Yes	\$224.00	\$189.93
364	12-Nov-09	3	11	\$33.81	Yes	\$224.00	\$190.19
365	12-Nov-09	3	12	\$32.41	Yes	\$224.00	\$191.59
366	12-Nov-09	4	1	\$34.54	Yes	\$224.00	\$189.46
367	12-Nov-09	4	2	\$34.07	Yes	\$224.00	\$189.93
368	12-Nov-09	4	3	\$34.09	Yes	\$224.00	\$189.91
369	12-Nov-09	4	4	\$34.60	Yes	\$224.00	\$189.40
370	12-Nov-09	4	5	\$34.60	Yes	\$224.00	\$189.40
371	12-Nov-09	4	6	\$34.60	Yes	\$224.00	\$189.40
372	12-Nov-09	4	7	\$35.16	Yes	\$224.00	\$188.84
373	12-Nov-09	4	8	\$35.16	Yes	\$224.00	\$188.84
374	12-Nov-09	4	9	\$35.16	Yes	\$224.00	\$188.84
375	12-Nov-09	4	10	\$32.96	Yes	\$224.00	\$191.04
376	12-Nov-09	4	11	\$34.15	Yes	\$224.00	\$189.85
377	12-Nov-09	4	12	\$33.14	Yes	\$224.00	\$190.86
378	12-Nov-09	5	1	\$31.09	Yes	\$224.00	\$192.91
379	12-Nov-09	5	2	\$32.59	Yes	\$224.00	\$191.41
380	12-Nov-09	5	3	\$32.53	Yes	\$224.00	\$191.47
381	12-Nov-09	5	4	\$32.39	Yes	\$224.00	\$191.61
382	12-Nov-09	5	5	\$32.39	Yes	\$224.00	\$191.61
383	12-Nov-09	5	6	\$32.92	Yes	\$224.00	\$191.08
384	12-Nov-09	5	7	\$34.38	Yes	\$224.00	\$189.62
385	12-Nov-09	5	8	\$34.68	Yes	\$224.00	\$189.32
386	12-Nov-09	5	9	\$35.15	Yes	\$224.00	\$188.85
387	12-Nov-09	5	10	\$36.04	Yes	\$224.00	\$187.96
388	12-Nov-09	5	11	\$35.45	Yes	\$224.00	\$188.55
389	12-Nov-09	5	12	\$33.15	Yes	\$224.00	\$190.85
390	12-Nov-09	6	1	\$31.80	Yes	\$224.00	\$192.20
391	12-Nov-09	6	2	\$25.89	Yes	\$224.00	\$198.11
392	12-Nov-09	6	3	\$29.63	Yes	\$224.00	\$194.37
393	12-Nov-09	6	4	\$25.10	Yes	\$224.00	\$198.90
394	12-Nov-09	6	5	\$28.70	Yes	\$224.00	\$195.30
395	12-Nov-09	6	6	\$30.95	Yes	\$224.00	\$193.05
396	12-Nov-09	6	7	\$28.10	Yes	\$224.00	\$195.90
397	12-Nov-09	6	8	\$33.12	Yes	\$224.00	\$190.88
398	12-Nov-09	6	9	\$32.15	Yes	\$224.00	\$191.85
399	12-Nov-09	6	10	\$36.24	No	\$224.00	\$187.76
400	12-Nov-09	6	11	\$37.03	No	\$224.00	\$186.97
401	12-Nov-09	6	12	\$39.36	No	\$224.00	\$184.64
402	12-Nov-09	7	1	\$26.36	No	\$224.00	\$197.64
403	12-Nov-09	7	2	\$31.86	No	\$224.00	\$192.14

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	12-Nov-09	7	3	\$27.99	No	\$224.00	\$196.01
405	12-Nov-09	7	4	\$33.72	No	\$224.00	\$190.28
406	12-Nov-09	7	5	\$35.32	No	\$224.00	\$188.68
407	12-Nov-09	7	6	\$35.72	No	\$224.00	\$188.28
408	12-Nov-09	7	7	-\$54.70	No	\$224.00	\$278.70
409	12-Nov-09	7	8	-\$55.06	No	\$224.00	\$279.06
410	12-Nov-09	7	9	-\$53.65	No	\$224.00	\$277.65
411	12-Nov-09	7	10	\$42.43	No	\$224.00	\$181.57
412	12-Nov-09	7	11	\$48.87	No	\$224.00	\$175.13
413	12-Nov-09	7	12	\$50.36	No	\$224.00	\$173.64
414	12-Nov-09	8	1	\$33.99	No	\$224.00	\$190.01
415	12-Nov-09	8	2	-\$57.76	No	\$224.00	\$281.76
416	12-Nov-09	8	3	-\$58.52	No	\$224.00	\$282.52
417	12-Nov-09	8	4	-\$59.25	No	\$224.00	\$283.25
418	12-Nov-09	8	5	-\$56.78	No	\$224.00	\$280.78
419	12-Nov-09	8	6	-\$55.07	No	\$224.00	\$279.07
420	12-Nov-09	8	7	-\$54.88	No	\$224.00	\$278.88
421	12-Nov-09	8	8	-\$54.88	No	\$224.00	\$278.88
422	12-Nov-09	8	9	-\$54.88	No	\$224.00	\$278.88
423	12-Nov-09	8	10	-\$46.75	No	\$224.00	\$270.75
424	12-Nov-09	8	11	-\$42.58	No	\$224.00	\$266.58
425	12-Nov-09	8	12	-\$47.10	No	\$224.00	\$271.10
426	12-Nov-09	9	1	-\$59.15	No	\$224.00	\$283.15
427	12-Nov-09	9	2	-\$59.76	No	\$224.00	\$283.76
428	12-Nov-09	9	3	-\$59.15	No	\$224.00	\$283.15
429	12-Nov-09	9	4	-\$56.45	No	\$224.00	\$280.45
430	12-Nov-09	9	5	-\$56.20	No	\$224.00	\$280.20
431	12-Nov-09	9	6	-\$54.76	No	\$224.00	\$278.76
432	12-Nov-09	9	7	-\$54.75	No	\$224.00	\$278.75
433	12-Nov-09	9	8	-\$54.75	No	\$224.00	\$278.75
434	12-Nov-09	9	9	-\$54.75	No	\$224.00	\$278.75
435	12-Nov-09	9	10	-\$54.78	No	\$224.00	\$278.78
436	12-Nov-09	9	11	-\$53.93	No	\$224.00	\$277.93
437	12-Nov-09	9	12	-\$53.93	No	\$224.00	\$277.93
438	12-Nov-09	10	1	-\$56.18	No	\$224.00	\$280.18
439	12-Nov-09	10	2	-\$54.72	No	\$224.00	\$278.72
440	12-Nov-09	10	3	-\$54.72	No	\$224.00	\$278.72
441	12-Nov-09	10	4	-\$54.61	No	\$224.00	\$278.61
442	12-Nov-09	10	5	-\$54.61	No	\$224.00	\$278.61
443	12-Nov-09	10	6	-\$54.61	No	\$224.00	\$278.61
444	12-Nov-09	10	7	-\$54.64	No	\$224.00	\$278.64
445	12-Nov-09	10	8	-\$54.64	No	\$224.00	\$278.64
446	12-Nov-09	10	9	-\$54.64	No	\$224.00	\$278.64
447	12-Nov-09	10	10	-\$54.34	No	\$224.00	\$278.34
448	12-Nov-09	10	11	-\$54.79	No	\$224.00	\$278.79

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
449	12-Nov-09	10	12	-\$54.82	No	\$224.00	\$278.82
450	12-Nov-09	11	1	-\$55.51	No	\$224.00	\$279.51
451	12-Nov-09	11	2	-\$57.02	No	\$224.00	\$281.02
452	12-Nov-09	11	3	-\$56.42	No	\$224.00	\$280.42
453	12-Nov-09	11	4	-\$55.70	No	\$224.00	\$279.70
454	12-Nov-09	11	5	-\$59.08	No	\$224.00	\$283.08
455	12-Nov-09	11	6	-\$18.38	No	\$224.00	\$242.38
456	12-Nov-09	11	7	-\$21.47	No	\$224.00	\$245.47
457	12-Nov-09	11	8	-\$20.41	No	\$224.00	\$244.41
458	12-Nov-09	11	9	-\$21.47	No	\$224.00	\$245.47
459	12-Nov-09	11	10	\$9.87	No	\$224.00	\$214.13
460	12-Nov-09	11	11	\$99.67	No	\$224.00	\$124.33
461	12-Nov-09	11	12	\$98.77	Yes	\$224.00	\$125.23
462	12-Nov-09	12	1	\$48.04	Yes	\$224.00	\$175.96
463	12-Nov-09	12	2	\$50.67	Yes	\$224.00	\$173.33
464	12-Nov-09	12	3	\$41.18	Yes	\$224.00	\$182.82
465	12-Nov-09	12	4	\$30.41	Yes	\$224.00	\$193.59
466	12-Nov-09	12	5	\$29.47	Yes	\$224.00	\$194.53
467	12-Nov-09	12	6	\$30.61	Yes	\$224.00	\$193.39
468	12-Nov-09	12	7	\$31.41	Yes	\$224.00	\$192.59
469	12-Nov-09	12	8	\$31.41	Yes	\$224.00	\$192.59
470	12-Nov-09	12	9	\$32.34	Yes	\$224.00	\$191.66
471	12-Nov-09	12	10	\$31.75	Yes	\$224.00	\$192.25
472	12-Nov-09	12	11	\$31.75	Yes	\$224.00	\$192.25
473	12-Nov-09	12	12	\$31.75	Yes	\$224.00	\$192.25
474	12-Nov-09	13	1	\$33.08	Yes	\$224.00	\$190.92
475	12-Nov-09	13	2	\$32.30	No	\$224.00	\$191.70
476	12-Nov-09	13	3	\$34.79	No	\$224.00	\$189.21
477	12-Nov-09	13	4	\$41.00	No	\$224.00	\$183.00
478	12-Nov-09	13	5	\$34.81	No	\$224.00	\$189.19
479	12-Nov-09	13	6	\$34.81	No	\$224.00	\$189.19
480	12-Nov-09	13	7	\$35.22	No	\$224.00	\$188.78
481	16-Nov-09	6	11	\$43.95	Yes	\$224.00	\$180.05
482	16-Nov-09	6	12	\$44.59	Yes	\$224.00	\$179.41
483	16-Nov-09	7	1	\$0.76	Yes	\$224.00	\$223.24
484	16-Nov-09	7	2	\$14.96	Yes	\$224.00	\$209.04
485	16-Nov-09	7	3	\$22.53	Yes	\$224.00	\$201.47
486	16-Nov-09	7	4	\$27.15	Yes	\$224.00	\$196.85
487	16-Nov-09	7	5	\$27.15	Yes	\$224.00	\$196.85
488	16-Nov-09	7	6	\$30.68	Yes	\$224.00	\$193.32
489	16-Nov-09	7	7	\$31.15	Yes	\$224.00	\$192.85
490	16-Nov-09	7	8	\$36.54	Yes	\$224.00	\$187.46
491	16-Nov-09	7	9	\$37.24	No	\$224.00	\$186.76
492	16-Nov-09	7	10	\$38.31	No	\$224.00	\$185.69
493	16-Nov-09	7	11	\$50.88	No	\$224.00	\$173.12



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
494	16-Nov-09	7	12	\$50.39	No	\$224.00	\$173.61
495	16-Nov-09	8	1	\$37.62	No	\$224.00	\$186.38
496	16-Nov-09	8	2	\$39.86	No	\$224.00	\$184.14
497	16-Nov-09	8	3	\$39.86	No	\$224.00	\$184.14
498	16-Nov-09	8	4	\$36.50	No	\$224.00	\$187.50
499	16-Nov-09	8	5	\$36.59	No	\$224.00	\$187.41
500	16-Nov-09	8	6	\$36.50	No	\$224.00	\$187.50
501	16-Nov-09	8	7	\$36.70	No	\$224.00	\$187.30
502	16-Nov-09	8	8	\$36.70	No	\$224.00	\$187.30
503	16-Nov-09	8	9	\$36.73	No	\$224.00	\$187.27
504	16-Nov-09	8	10	\$37.17	No	\$224.00	\$186.83
505	16-Nov-09	8	11	\$37.17	No	\$224.00	\$186.83
506	16-Nov-09	8	12	\$37.62	No	\$224.00	\$186.38
507	16-Nov-09	9	1	\$35.42	No	\$224.00	\$188.58
508	16-Nov-09	9	2	\$35.42	No	\$224.00	\$188.58
509	16-Nov-09	9	3	\$35.42	No	\$224.00	\$188.58
510	16-Nov-09	9	4	\$36.11	No	\$224.00	\$187.89
511	16-Nov-09	9	5	\$38.58	No	\$224.00	\$185.42
512	16-Nov-09	9	6	\$41.73	No	\$224.00	\$182.27
513	16-Nov-09	9	7	\$36.67	No	\$224.00	\$187.33
514	16-Nov-09	9	8	\$36.67	No	\$224.00	\$187.33
515	16-Nov-09	9	9	\$38.61	No	\$224.00	\$185.39
516	16-Nov-09	9	10	\$39.13	No	\$224.00	\$184.87
517	16-Nov-09	9	11	\$39.32	No	\$224.00	\$184.68
518	16-Nov-09	9	12	\$37.10	No	\$224.00	\$186.90
519	16-Nov-09	10	1	\$36.49	No	\$224.00	\$187.51
520	16-Nov-09	10	2	\$34.87	No	\$224.00	\$189.13
521	16-Nov-09	10	3	\$36.49	No	\$224.00	\$187.51
522	16-Nov-09	10	4	\$36.50	No	\$224.00	\$187.50
523	16-Nov-09	10	5	\$36.81	No	\$224.00	\$187.19
524	16-Nov-09	10	6	\$36.61	No	\$224.00	\$187.39
525	16-Nov-09	10	7	\$36.34	No	\$224.00	\$187.66
526	16-Nov-09	10	8	\$36.66	No	\$224.00	\$187.34
527	16-Nov-09	10	9	\$36.34	No	\$224.00	\$187.66
528	16-Nov-09	10	10	\$36.43	No	\$224.00	\$187.57
529	16-Nov-09	10	11	\$36.42	No	\$224.00	\$187.58
530	16-Nov-09	10	12	\$33.74	No	\$224.00	\$190.26
531	16-Nov-09	11	1	\$31.94	No	\$224.00	\$192.06
532	16-Nov-09	11	2	\$29.88	No	\$224.00	\$194.12
533	16-Nov-09	11	3	\$30.67	No	\$224.00	\$193.33
534	16-Nov-09	11	4	\$34.61	No	\$224.00	\$189.39
535	16-Nov-09	11	5	\$34.61	No	\$224.00	\$189.39
536	16-Nov-09	11	6	\$34.61	No	\$224.00	\$189.39
537	16-Nov-09	11	7	\$34.49	No	\$224.00	\$189.51
538	16-Nov-09	11	8	\$34.49	No	\$224.00	\$189.51

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
539	16-Nov-09	11	9	\$34.49	No	\$224.00	\$189.51
540	16-Nov-09	11	10	\$34.10	No	\$224.00	\$189.90
541	16-Nov-09	11	11	\$28.13	No	\$224.00	\$195.87
542	16-Nov-09	12	1	\$28.57	No	\$224.00	\$195.43
543	16-Nov-09	12	2	\$28.57	No	\$224.00	\$195.43
544	16-Nov-09	12	3	\$24.80	No	\$224.00	\$199.20
545	16-Nov-09	12	4	\$29.95	No	\$224.00	\$194.05
546	16-Nov-09	12	5	\$33.74	No	\$224.00	\$190.26
547	16-Nov-09	12	6	\$32.68	No	\$224.00	\$191.32
548	16-Nov-09	12	7	\$33.11	No	\$224.00	\$190.89
549	16-Nov-09	12	8	\$33.68	No	\$224.00	\$190.32
550	16-Nov-09	12	9	\$34.09	No	\$224.00	\$189.91
551	16-Nov-09	12	10	\$30.19	No	\$224.00	\$193.81
552	16-Nov-09	12	11	\$33.23	No	\$224.00	\$190.77
553	16-Nov-09	12	12	\$32.34	No	\$224.00	\$191.66
554	17-Nov-09	7	1	\$24.75	Yes	\$224.00	\$199.25
555	17-Nov-09	7	2	\$27.19	Yes	\$224.00	\$196.81
556	17-Nov-09	7	3	\$29.95	Yes	\$224.00	\$194.05
557	17-Nov-09	7	4	\$32.69	Yes	\$224.00	\$191.31
558	17-Nov-09	7	5	\$33.79	Yes	\$224.00	\$190.21
559	17-Nov-09	7	6	\$33.79	Yes	\$224.00	\$190.21
560	17-Nov-09	7	7	\$34.63	Yes	\$224.00	\$189.37
561	17-Nov-09	7	8	\$38.83	Yes	\$224.00	\$185.17
562	17-Nov-09	7	9	\$37.70	Yes	\$224.00	\$186.30
563	17-Nov-09	7	10	\$38.49	Yes	\$224.00	\$185.51
564	17-Nov-09	7	11	\$39.52	Yes	\$224.00	\$184.48
565	17-Nov-09	7	12	\$39.56	Yes	\$224.00	\$184.44
566	17-Nov-09	8	1	\$40.67	Yes	\$224.00	\$183.33
567	17-Nov-09	8	2	\$40.67	No	\$224.00	\$183.33
568	17-Nov-09	8	3	\$34.98	No	\$224.00	\$189.02
569	17-Nov-09	8	4	\$40.92	No	\$224.00	\$183.08
570	17-Nov-09	8	5	\$41.31	No	\$224.00	\$182.69
571	17-Nov-09	8	6	\$41.31	No	\$224.00	\$182.69
572	17-Nov-09	8	7	\$40.26	No	\$224.00	\$183.74
573	17-Nov-09	8	8	\$40.70	No	\$224.00	\$183.30
574	17-Nov-09	8	9	\$40.46	No	\$224.00	\$183.54
575	17-Nov-09	8	10	\$43.56	No	\$224.00	\$180.44
576	17-Nov-09	8	11	\$44.98	No	\$224.00	\$179.02
577	17-Nov-09	8	12	\$45.23	No	\$224.00	\$178.77
578	17-Nov-09	9	1	\$33.41	No	\$224.00	\$190.59
579	17-Nov-09	9	2	\$39.07	No	\$224.00	\$184.93
580	17-Nov-09	9	3	\$33.89	No	\$224.00	\$190.11
581	17-Nov-09	9	4	\$36.32	No	\$224.00	\$187.68
582	17-Nov-09	9	5	\$45.06	No	\$224.00	\$178.94
583	17-Nov-09	9	6	\$39.44	No	\$224.00	\$184.56

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
584	17-Nov-09	9	7	\$45.52	No	\$224.00	\$178.48
585	17-Nov-09	9	8	\$44.60	No	\$224.00	\$179.40
586	17-Nov-09	9	9	\$46.15	No	\$224.00	\$177.85
587	17-Nov-09	9	10	\$46.19	No	\$224.00	\$177.81
588	17-Nov-09	9	11	\$45.82	No	\$224.00	\$178.18
589	17-Nov-09	9	12	\$45.82	No	\$224.00	\$178.18
590	17-Nov-09	10	1	\$45.52	No	\$224.00	\$178.48
591	17-Nov-09	10	2	\$39.08	No	\$224.00	\$184.92
592	17-Nov-09	10	3	\$39.08	No	\$224.00	\$184.92
593	17-Nov-09	10	4	\$40.41	No	\$224.00	\$183.59
594	17-Nov-09	10	5	\$41.00	No	\$224.00	\$183.00
595	17-Nov-09	10	6	\$45.06	No	\$224.00	\$178.94
596	17-Nov-09	10	7	\$45.17	No	\$224.00	\$178.83
597	17-Nov-09	10	8	\$45.17	No	\$224.00	\$178.83
598	17-Nov-09	10	9	\$45.46	No	\$224.00	\$178.54
599	17-Nov-09	10	10	\$45.20	No	\$224.00	\$178.80
600	17-Nov-09	10	11	\$43.82	No	\$224.00	\$180.18
601	17-Nov-09	10	12	\$38.97	No	\$224.00	\$185.03
602	17-Nov-09	11	1	\$38.56	No	\$224.00	\$185.44
603	17-Nov-09	11	2	\$35.24	No	\$224.00	\$188.76
604	17-Nov-09	11	3	\$33.65	No	\$224.00	\$190.35
605	17-Nov-09	11	4	\$35.15	No	\$224.00	\$188.85
606	17-Nov-09	11	5	\$36.42	No	\$224.00	\$187.58
607	17-Nov-09	11	6	\$33.58	No	\$224.00	\$190.42
608	17-Nov-09	11	7	\$33.11	No	\$224.00	\$190.89
609	17-Nov-09	11	8	\$33.11	No	\$224.00	\$190.89
610	17-Nov-09	11	9	\$33.11	No	\$224.00	\$190.89
611	17-Nov-09	11	10	\$33.01	No	\$224.00	\$190.99
612	17-Nov-09	11	11	\$33.01	No	\$224.00	\$190.99
613	17-Nov-09	11	12	\$33.01	No	\$224.00	\$190.99
614	17-Nov-09	12	1	\$32.48	No	\$224.00	\$191.52
615	17-Nov-09	12	2	\$32.48	No	\$224.00	\$191.52
616	17-Nov-09	12	3	\$34.98	No	\$224.00	\$189.02
617	17-Nov-09	12	4	\$35.12	No	\$224.00	\$188.88
618	17-Nov-09	12	5	\$32.82	No	\$224.00	\$191.18
619	17-Nov-09	12	6	\$32.50	No	\$224.00	\$191.50
620	17-Nov-09	12	7	\$32.43	No	\$224.00	\$191.57
621	17-Nov-09	12	8	\$32.43	No	\$224.00	\$191.57
622	17-Nov-09	12	9	\$32.43	No	\$224.00	\$191.57
623	17-Nov-09	12	10	\$38.20	No	\$224.00	\$185.80
624	17-Nov-09	12	11	\$37.59	No	\$224.00	\$186.41
625	17-Nov-09	12	12	\$36.09	No	\$224.00	\$187.91
626	17-Nov-09	13	1	\$40.71	No	\$224.00	\$183.29
627	17-Nov-09	13	2	\$40.71	No	\$224.00	\$183.29
628	17-Nov-09	13	3	\$40.71	No	\$224.00	\$183.29

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
629	17-Nov-09	13	4	\$38.12	Yes	\$224.00	\$185.88
630	17-Nov-09	13	5	\$38.12	Yes	\$224.00	\$185.88
631	17-Nov-09	13	6	\$40.49	Yes	\$224.00	\$183.51
632	17-Nov-09	13	7	\$38.06	Yes	\$224.00	\$185.94
633	17-Nov-09	13	8	\$38.06	Yes	\$224.00	\$185.94
634	17-Nov-09	13	9	\$38.06	Yes	\$224.00	\$185.94
635	17-Nov-09	13	10	\$38.69	Yes	\$224.00	\$185.31
636	17-Nov-09	13	11	\$38.69	Yes	\$224.00	\$185.31
637	17-Nov-09	13	12	\$36.87	Yes	\$224.00	\$187.13
638	17-Nov-09	14	1	\$33.99	Yes	\$224.00	\$190.01
639	17-Nov-09	14	2	\$32.88	Yes	\$224.00	\$191.12
640	17-Nov-09	14	3	\$32.88	Yes	\$224.00	\$191.12
641	17-Nov-09	14	4	\$32.86	Yes	\$224.00	\$191.14
642	17-Nov-09	14	5	\$32.86	Yes	\$224.00	\$191.14
643	17-Nov-09	14	6	\$32.86	Yes	\$224.00	\$191.14
644	17-Nov-09	14	7	\$32.84	Yes	\$224.00	\$191.16
645	17-Nov-09	14	8	\$33.95	Yes	\$224.00	\$190.05
646	17-Nov-09	14	9	\$33.95	Yes	\$224.00	\$190.05
647	17-Nov-09	14	10	\$33.65	Yes	\$224.00	\$190.35
648	17-Nov-09	14	11	\$33.65	Yes	\$224.00	\$190.35
649	17-Nov-09	14	12	\$33.65	Yes	\$224.00	\$190.35
650	17-Nov-09	15	1	\$34.83	Yes	\$224.00	\$189.17
651	17-Nov-09	15	2	\$36.36	Yes	\$224.00	\$187.64
652	17-Nov-09	15	3	\$36.36	Yes	\$224.00	\$187.64
653	17-Nov-09	15	4	\$36.19	Yes	\$224.00	\$187.81
654	17-Nov-09	15	5	\$34.82	Yes	\$224.00	\$189.18
655	17-Nov-09	15	6	\$33.72	Yes	\$224.00	\$190.28
656	17-Nov-09	15	7	\$32.60	Yes	\$224.00	\$191.40
657	17-Nov-09	15	8	\$32.60	Yes	\$224.00	\$191.40
658	17-Nov-09	15	9	\$31.59	Yes	\$224.00	\$192.41
659	17-Nov-09	15	10	\$31.47	Yes	\$224.00	\$192.53
660	17-Nov-09	15	11	\$32.52	Yes	\$224.00	\$191.48
661	17-Nov-09	15	12	\$32.52	Yes	\$224.00	\$191.48
662	17-Nov-09	16	1	\$31.75	Yes	\$224.00	\$192.25
663	17-Nov-09	16	2	\$33.07	Yes	\$224.00	\$190.93
664	17-Nov-09	16	3	\$36.32	Yes	\$224.00	\$187.68
665	17-Nov-09	16	4	\$36.43	Yes	\$224.00	\$187.57
666	17-Nov-09	16	5	\$36.40	Yes	\$224.00	\$187.60
667	17-Nov-09	16	6	\$36.00	Yes	\$224.00	\$188.00
668	17-Nov-09	16	7	\$36.16	Yes	\$224.00	\$187.84
669	17-Nov-09	16	8	\$36.16	Yes	\$224.00	\$187.84
670	17-Nov-09	16	9	\$36.16	Yes	\$224.00	\$187.84
671	17-Nov-09	16	10	\$32.21	Yes	\$224.00	\$191.79
672	17-Nov-09	16	11	\$34.51	Yes	\$224.00	\$189.49
673	17-Nov-09	16	12	\$36.69	Yes	\$224.00	\$187.31

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
674	17-Nov-09	17	1	\$35.48	Yes	\$224.00	\$188.52
675	17-Nov-09	17	2	\$31.61	Yes	\$224.00	\$192.39
676	17-Nov-09	17	3	\$31.61	Yes	\$224.00	\$192.39
677	17-Nov-09	17	4	\$29.06	Yes	\$224.00	\$194.94
678	17-Nov-09	17	5	\$30.73	Yes	\$224.00	\$193.27
679	17-Nov-09	17	6	\$31.16	Yes	\$224.00	\$192.84
680	17-Nov-09	17	7	\$33.58	Yes	\$224.00	\$190.42
681	17-Nov-09	17	8	\$37.05	Yes	\$224.00	\$186.95
682	17-Nov-09	17	9	\$42.33	Yes	\$224.00	\$181.67
683	17-Nov-09	17	10	\$43.33	Yes	\$224.00	\$180.67
684	17-Nov-09	17	11	\$50.57	Yes	\$224.00	\$173.43
685	17-Nov-09	17	12	\$56.59	Yes	\$224.00	\$167.41
686	17-Nov-09	18	1	\$43.53	Yes	\$224.00	\$180.47
687	17-Nov-09	18	2	\$43.87	Yes	\$224.00	\$180.13
688	17-Nov-09	18	3	\$43.41	Yes	\$224.00	\$180.59
689	17-Nov-09	18	4	\$44.19	Yes	\$224.00	\$179.81
690	17-Nov-09	18	5	\$44.45	Yes	\$224.00	\$179.55
691	17-Nov-09	18	6	\$51.53	No	\$224.00	\$172.47
692	17-Nov-09	18	7	\$46.75	No	\$224.00	\$177.25
693	17-Nov-09	18	8	\$44.74	No	\$224.00	\$179.26
694	17-Nov-09	18	9	\$44.77	No	\$224.00	\$179.23
695	17-Nov-09	18	10	\$43.07	No	\$224.00	\$180.93
696	17-Nov-09	18	11	\$36.69	No	\$224.00	\$187.31
697	17-Nov-09	18	12	\$38.96	No	\$224.00	\$185.04
698	17-Nov-09	19	1	\$41.43	No	\$224.00	\$182.57
699	17-Nov-09	19	2	\$42.01	No	\$224.00	\$181.99
700	17-Nov-09	19	3	\$42.01	No	\$224.00	\$181.99
701	17-Nov-09	19	4	\$43.13	No	\$224.00	\$180.87
702	17-Nov-09	19	5	\$41.95	No	\$224.00	\$182.05
703	17-Nov-09	19	6	\$42.02	No	\$224.00	\$181.98
704	17-Nov-09	19	7	\$38.70	No	\$224.00	\$185.30
705	17-Nov-09	19	8	\$38.70	No	\$224.00	\$185.30
706	17-Nov-09	19	9	\$38.70	No	\$224.00	\$185.30
707	17-Nov-09	19	10	\$38.88	No	\$224.00	\$185.12
708	17-Nov-09	19	11	\$37.73	No	\$224.00	\$186.27
709	17-Nov-09	19	12	\$36.61	No	\$224.00	\$187.39
710	17-Nov-09	20	1	\$43.81	No	\$224.00	\$180.19
711	17-Nov-09	20	2	\$44.32	No	\$224.00	\$179.68
712	17-Nov-09	20	3	\$44.40	No	\$224.00	\$179.60
713	17-Nov-09	20	4	\$39.37	No	\$224.00	\$184.63
714	17-Nov-09	20	5	\$43.56	No	\$224.00	\$180.44
715	17-Nov-09	20	6	\$40.35	No	\$224.00	\$183.65
716	17-Nov-09	20	7	\$41.76	No	\$224.00	\$182.24
717	17-Nov-09	20	8	\$36.47	No	\$224.00	\$187.53
718	17-Nov-09	20	9	\$36.47	No	\$224.00	\$187.53

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
719	17-Nov-09	20	10	\$36.42	No	\$224.00	\$187.58
720	17-Nov-09	20	11	\$36.42	No	\$224.00	\$187.58
721	17-Nov-09	20	12	\$34.22	No	\$224.00	\$189.78
722	17-Nov-09	21	1	\$36.65	No	\$224.00	\$187.35
723	17-Nov-09	21	2	\$36.65	No	\$224.00	\$187.35
724	17-Nov-09	21	3	\$36.65	No	\$224.00	\$187.35
725	17-Nov-09	21	4	\$37.00	No	\$224.00	\$187.00
726	17-Nov-09	21	5	\$36.48	No	\$224.00	\$187.52
727	17-Nov-09	21	6	\$36.48	No	\$224.00	\$187.52
728	17-Nov-09	21	7	\$35.41	No	\$224.00	\$188.59
729	17-Nov-09	21	8	\$35.27	No	\$224.00	\$188.73
730	17-Nov-09	21	9	\$31.30	No	\$224.00	\$192.70
731	17-Nov-09	21	10	\$31.96	No	\$224.00	\$192.04
732	17-Nov-09	21	11	\$31.96	Yes	\$224.00	\$192.04
733	17-Nov-09	21	12	\$37.10	Yes	\$224.00	\$186.90
734	17-Nov-09	22	1	\$51.03	Yes	\$224.00	\$172.97
735	17-Nov-09	22	2	\$42.69	Yes	\$224.00	\$181.31
736	17-Nov-09	22	3	\$39.58	Yes	\$224.00	\$184.42
737	17-Nov-09	22	4	\$37.57	Yes	\$224.00	\$186.43
738	17-Nov-09	22	5	\$36.98	Yes	\$224.00	\$187.02
739	17-Nov-09	22	6	\$36.83	Yes	\$224.00	\$187.17
740	17-Nov-09	22	7	\$34.11	Yes	\$224.00	\$189.89
741	17-Nov-09	22	8	\$32.07	Yes	\$224.00	\$191.93
742	17-Nov-09	22	9	\$31.29	Yes	\$224.00	\$192.71
743	17-Nov-09	22	10	\$30.96	Yes	\$224.00	\$193.04
744	17-Nov-09	22	11	\$28.63	Yes	\$224.00	\$195.37
745	17-Nov-09	22	12	\$1.06	Yes	\$224.00	\$222.94
746	17-Nov-09	23	1	\$34.37	Yes	\$224.00	\$189.63
747	17-Nov-09	23	2	\$30.30	Yes	\$224.00	\$193.70
748	17-Nov-09	23	3	\$28.55	Yes	\$224.00	\$195.45
749	17-Nov-09	23	4	\$28.49	Yes	\$224.00	\$195.51
750	17-Nov-09	23	5	\$28.28	Yes	\$224.00	\$195.72
751	17-Nov-09	23	6	\$28.49	No	\$224.00	\$195.51
752	17-Nov-09	23	7	\$27.42	No	\$224.00	\$196.58
753	17-Nov-09	23	8	\$25.51	No	\$224.00	\$198.49
754	17-Nov-09	23	9	\$25.51	No	\$224.00	\$198.49
755	17-Nov-09	23	10	\$18.56	No	\$224.00	\$205.44
756	17-Nov-09	23	11	\$18.64	No	\$224.00	\$205.36
757	18-Nov-09	6	8	\$27.13	Yes	\$224.00	\$196.87
758	18-Nov-09	6	9	\$29.17	Yes	\$224.00	\$194.83
759	18-Nov-09	6	10	\$32.69	Yes	\$224.00	\$191.31
760	18-Nov-09	6	11	\$35.30	Yes	\$224.00	\$188.70
761	18-Nov-09	6	12	\$30.11	Yes	\$224.00	\$193.89
762	18-Nov-09	7	1	\$0.72	Yes	\$224.00	\$223.28
763	18-Nov-09	7	2	\$1.07	Yes	\$224.00	\$222.93

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
764	18-Nov-09	7	3	\$10.02	Yes	\$224.00	\$213.98
765	18-Nov-09	7	4	\$19.16	Yes	\$224.00	\$204.84
766	18-Nov-09	7	5	\$13.78	Yes	\$224.00	\$210.22
767	18-Nov-09	7	6	\$16.30	Yes	\$224.00	\$207.70
768	18-Nov-09	7	7	\$19.74	Yes	\$224.00	\$204.26
769	18-Nov-09	7	8	\$25.28	Yes	\$224.00	\$198.72
770	18-Nov-09	7	9	\$29.65	Yes	\$224.00	\$194.35
771	18-Nov-09	7	10	\$32.83	Yes	\$224.00	\$191.17
772	18-Nov-09	7	11	\$32.83	Yes	\$224.00	\$191.17
773	18-Nov-09	7	12	\$32.46	Yes	\$224.00	\$191.54
774	18-Nov-09	8	1	\$30.26	Yes	\$224.00	\$193.74
775	18-Nov-09	8	2	\$30.26	Yes	\$224.00	\$193.74
776	18-Nov-09	8	3	\$30.82	Yes	\$224.00	\$193.18
777	18-Nov-09	8	4	\$31.61	No	\$224.00	\$192.39
778	18-Nov-09	8	5	\$31.78	No	\$224.00	\$192.22
779	18-Nov-09	8	6	\$33.55	No	\$224.00	\$190.45
780	18-Nov-09	8	7	\$33.42	No	\$224.00	\$190.58
781	18-Nov-09	8	8	\$33.16	No	\$224.00	\$190.84
782	18-Nov-09	8	9	\$34.50	No	\$224.00	\$189.50
783	18-Nov-09	8	10	\$34.97	No	\$224.00	\$189.03
784	18-Nov-09	8	11	\$36.44	No	\$224.00	\$187.56
785	18-Nov-09	8	12	\$34.92	No	\$224.00	\$189.08
786	18-Nov-09	9	1	\$35.00	No	\$224.00	\$189.00
787	18-Nov-09	9	2	\$38.30	No	\$224.00	\$185.70
788	18-Nov-09	9	3	\$38.01	No	\$224.00	\$185.99
789	18-Nov-09	9	4	\$38.37	No	\$224.00	\$185.63
790	18-Nov-09	9	5	\$44.04	No	\$224.00	\$179.96
791	18-Nov-09	9	6	\$42.98	No	\$224.00	\$181.02
792	18-Nov-09	9	7	\$41.89	No	\$224.00	\$182.11
793	18-Nov-09	9	8	\$49.17	No	\$224.00	\$174.83
794	18-Nov-09	9	9	\$38.08	No	\$224.00	\$185.92
795	18-Nov-09	9	10	\$38.34	No	\$224.00	\$185.66
796	18-Nov-09	9	11	\$40.88	No	\$224.00	\$183.12
797	18-Nov-09	9	12	\$38.64	No	\$224.00	\$185.36
798	18-Nov-09	10	1	\$38.34	No	\$224.00	\$185.66
799	18-Nov-09	10	2	\$36.95	No	\$224.00	\$187.05
800	18-Nov-09	10	3	\$32.98	No	\$224.00	\$191.02
801	18-Nov-09	10	4	\$36.75	No	\$224.00	\$187.25
802	18-Nov-09	10	5	\$36.75	No	\$224.00	\$187.25
803	18-Nov-09	10	6	\$36.77	No	\$224.00	\$187.23
804	18-Nov-09	10	7	\$36.93	No	\$224.00	\$187.07
805	18-Nov-09	10	8	\$36.93	No	\$224.00	\$187.07
806	18-Nov-09	10	9	\$37.48	No	\$224.00	\$186.52
807	18-Nov-09	10	10	\$38.11	No	\$224.00	\$185.89
808	18-Nov-09	10	11	\$38.11	No	\$224.00	\$185.89

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
809	18-Nov-09	10	12	\$38.11	No	\$224.00	\$185.89
810	18-Nov-09	11	1	\$38.64	No	\$224.00	\$185.36
811	18-Nov-09	11	2	\$39.96	No	\$224.00	\$184.04
812	18-Nov-09	11	3	\$38.64	No	\$224.00	\$185.36
813	18-Nov-09	11	4	\$38.29	No	\$224.00	\$185.71
814	18-Nov-09	11	5	\$40.02	No	\$224.00	\$183.98
815	18-Nov-09	11	6	\$39.59	No	\$224.00	\$184.41
816	18-Nov-09	11	7	\$40.01	No	\$224.00	\$183.99
817	18-Nov-09	11	8	\$40.48	No	\$224.00	\$183.52
818	18-Nov-09	11	9	\$41.40	No	\$224.00	\$182.60
819	18-Nov-09	11	10	\$39.60	No	\$224.00	\$184.40
820	18-Nov-09	11	11	\$39.60	No	\$224.00	\$184.40
821	18-Nov-09	11	12	\$37.47	No	\$224.00	\$186.53
822	18-Nov-09	12	1	\$35.79	No	\$224.00	\$188.21
823	18-Nov-09	12	2	\$34.87	No	\$224.00	\$189.13
824	18-Nov-09	12	3	\$34.87	No	\$224.00	\$189.13
825	18-Nov-09	12	4	\$35.71	No	\$224.00	\$188.29
826	18-Nov-09	12	5	\$35.71	No	\$224.00	\$188.29
827	18-Nov-09	12	6	\$35.71	No	\$224.00	\$188.29
828	18-Nov-09	12	7	\$35.43	No	\$224.00	\$188.57
829	18-Nov-09	12	8	\$35.43	No	\$224.00	\$188.57
830	18-Nov-09	12	9	\$35.20	No	\$224.00	\$188.80
831	18-Nov-09	12	10	\$35.32	No	\$224.00	\$188.68
832	18-Nov-09	12	11	\$35.07	No	\$224.00	\$188.93
833	18-Nov-09	12	12	\$32.72	No	\$224.00	\$191.28
834	18-Nov-09	13	1	\$35.04	No	\$224.00	\$188.96
835	18-Nov-09	13	2	\$35.04	No	\$224.00	\$188.96
836	18-Nov-09	13	3	\$33.93	No	\$224.00	\$190.07
837	18-Nov-09	13	4	\$33.82	No	\$224.00	\$190.18
838	18-Nov-09	13	5	\$33.82	No	\$224.00	\$190.18
839	18-Nov-09	13	6	\$33.99	No	\$224.00	\$190.01
840	18-Nov-09	13	7	\$33.82	No	\$224.00	\$190.18
841	18-Nov-09	13	8	\$33.82	No	\$224.00	\$190.18
842	18-Nov-09	13	9	\$33.82	No	\$224.00	\$190.18
843	18-Nov-09	13	10	\$33.30	No	\$224.00	\$190.70
844	18-Nov-09	13	11	\$32.60	Yes	\$224.00	\$191.40
845	18-Nov-09	13	12	\$32.60	Yes	\$224.00	\$191.40
846	18-Nov-09	14	1	\$36.51	Yes	\$224.00	\$187.49
847	18-Nov-09	14	2	\$36.51	Yes	\$224.00	\$187.49
848	18-Nov-09	14	3	\$36.51	Yes	\$224.00	\$187.49
849	18-Nov-09	14	4	\$36.24	Yes	\$224.00	\$187.76
850	18-Nov-09	14	5	\$36.24	Yes	\$224.00	\$187.76
851	18-Nov-09	14	6	\$36.24	Yes	\$224.00	\$187.76
852	18-Nov-09	14	7	\$36.21	Yes	\$224.00	\$187.79
853	18-Nov-09	14	8	\$36.21	Yes	\$224.00	\$187.79



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
854	18-Nov-09	14	9	\$36.21	Yes	\$224.00	\$187.79
855	18-Nov-09	14	10	\$35.07	Yes	\$224.00	\$188.93
856	18-Nov-09	14	11	\$35.81	Yes	\$224.00	\$188.19
857	18-Nov-09	14	12	\$35.07	Yes	\$224.00	\$188.93
858	18-Nov-09	15	1	\$35.91	Yes	\$224.00	\$188.09
859	18-Nov-09	15	2	\$35.91	Yes	\$224.00	\$188.09
860	18-Nov-09	15	3	\$35.59	Yes	\$224.00	\$188.41
861	18-Nov-09	15	4	\$35.77	Yes	\$224.00	\$188.23
862	18-Nov-09	15	5	\$36.31	Yes	\$224.00	\$187.69
863	18-Nov-09	15	6	\$36.08	Yes	\$224.00	\$187.92
864	18-Nov-09	15	7	\$36.14	Yes	\$224.00	\$187.86
865	18-Nov-09	15	8	\$35.81	Yes	\$224.00	\$188.19
866	18-Nov-09	15	9	\$35.81	Yes	\$224.00	\$188.19
867	18-Nov-09	15	10	\$35.16	Yes	\$224.00	\$188.84
868	18-Nov-09	15	11	\$35.16	Yes	\$224.00	\$188.84
869	18-Nov-09	15	12	\$32.54	Yes	\$224.00	\$191.46
870	18-Nov-09	16	1	\$32.24	Yes	\$224.00	\$191.76
871	18-Nov-09	16	2	\$31.45	Yes	\$224.00	\$192.55
872	18-Nov-09	16	3	\$30.68	Yes	\$224.00	\$193.32
873	18-Nov-09	17	12	\$60.88	Yes	\$224.00	\$163.12
874	18-Nov-09	18	1	\$42.24	Yes	\$224.00	\$181.76
875	18-Nov-09	18	2	\$37.95	Yes	\$224.00	\$186.05
876	18-Nov-09	18	3	\$40.01	Yes	\$224.00	\$183.99
877	18-Nov-09	18	4	\$41.27	Yes	\$224.00	\$182.73
878	18-Nov-09	18	5	\$45.53	Yes	\$224.00	\$178.47
879	18-Nov-09	18	6	\$48.26	No	\$224.00	\$175.74
880	18-Nov-09	18	7	\$46.98	No	\$224.00	\$177.02
881	18-Nov-09	18	8	\$53.76	No	\$224.00	\$170.24
882	18-Nov-09	18	9	\$48.61	No	\$224.00	\$175.39
883	18-Nov-09	18	10	\$52.94	No	\$224.00	\$171.06
884	18-Nov-09	18	11	\$48.68	No	\$224.00	\$175.32
885	18-Nov-09	18	12	\$48.27	No	\$224.00	\$175.73
886	18-Nov-09	19	1	\$53.40	No	\$224.00	\$170.60
887	18-Nov-09	19	2	\$52.99	No	\$224.00	\$171.01
888	18-Nov-09	19	3	\$52.52	No	\$224.00	\$171.48
889	18-Nov-09	19	4	\$52.36	No	\$224.00	\$171.64
890	18-Nov-09	19	5	\$51.01	No	\$224.00	\$172.99
891	18-Nov-09	19	6	\$43.80	No	\$224.00	\$180.20
892	18-Nov-09	19	7	\$50.90	No	\$224.00	\$173.10
893	18-Nov-09	19	8	\$40.23	No	\$224.00	\$183.77
894	18-Nov-09	19	9	\$40.23	No	\$224.00	\$183.77
895	18-Nov-09	19	10	\$40.40	No	\$224.00	\$183.60
896	18-Nov-09	19	11	\$40.40	No	\$224.00	\$183.60
897	18-Nov-09	19	12	\$40.40	No	\$224.00	\$183.60
898	18-Nov-09	20	1	\$40.23	No	\$224.00	\$183.77

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
899	18-Nov-09	20	2	\$40.23	No	\$224.00	\$183.77
900	18-Nov-09	20	3	\$40.23	No	\$224.00	\$183.77
901	18-Nov-09	20	4	\$40.31	No	\$224.00	\$183.69
902	18-Nov-09	20	5	\$40.31	No	\$224.00	\$183.69
903	18-Nov-09	20	6	\$40.31	No	\$224.00	\$183.69
904	18-Nov-09	20	7	\$40.17	No	\$224.00	\$183.83
905	18-Nov-09	20	8	\$40.17	No	\$224.00	\$183.83
906	18-Nov-09	20	9	\$40.17	No	\$224.00	\$183.83
907	18-Nov-09	20	10	\$40.19	No	\$224.00	\$183.81
908	18-Nov-09	20	11	\$40.19	No	\$224.00	\$183.81
909	18-Nov-09	20	12	\$38.53	No	\$224.00	\$185.47
910	18-Nov-09	21	1	\$44.26	No	\$224.00	\$179.74
911	18-Nov-09	21	2	\$44.38	No	\$224.00	\$179.62
912	18-Nov-09	21	3	\$40.53	No	\$224.00	\$183.47
913	18-Nov-09	21	4	\$40.38	No	\$224.00	\$183.62
914	18-Nov-09	21	5	\$40.38	No	\$224.00	\$183.62
915	18-Nov-09	21	6	\$40.38	No	\$224.00	\$183.62
916	18-Nov-09	21	7	\$38.53	No	\$224.00	\$185.47
917	18-Nov-09	21	8	\$36.51	No	\$224.00	\$187.49
918	18-Nov-09	21	9	\$37.69	Yes	\$224.00	\$186.31
919	18-Nov-09	21	10	\$37.93	Yes	\$224.00	\$186.07
920	18-Nov-09	21	11	\$36.78	Yes	\$224.00	\$187.22
921	18-Nov-09	21	12	\$35.82	Yes	\$224.00	\$188.18
922	18-Nov-09	22	1	\$46.24	Yes	\$224.00	\$177.76
923	18-Nov-09	22	2	\$45.97	Yes	\$224.00	\$178.03
924	18-Nov-09	22	3	\$47.94	Yes	\$224.00	\$176.06
925	18-Nov-09	22	4	\$47.42	Yes	\$224.00	\$176.58
926	18-Nov-09	22	5	\$47.50	Yes	\$224.00	\$176.50
927	18-Nov-09	22	6	\$47.42	Yes	\$224.00	\$176.58
928	18-Nov-09	22	7	\$46.93	Yes	\$224.00	\$177.07
929	18-Nov-09	22	8	\$42.76	Yes	\$224.00	\$181.24
930	18-Nov-09	22	9	\$42.66	Yes	\$224.00	\$181.34
931	18-Nov-09	22	10	\$36.36	Yes	\$224.00	\$187.64
932	18-Nov-09	22	11	\$31.75	Yes	\$224.00	\$192.25
933	18-Nov-09	22	12	\$25.97	Yes	\$224.00	\$198.03
934	18-Nov-09	23	3	\$29.70	No	\$224.00	\$194.30
935	18-Nov-09	23	4	\$31.01	No	\$224.00	\$192.99
936	18-Nov-09	23	5	\$32.96	No	\$224.00	\$191.04
937	18-Nov-09	23	6	\$36.76	No	\$224.00	\$187.24
938	18-Nov-09	23	7	\$33.08	No	\$224.00	\$190.92
939	18-Nov-09	23	8	\$30.35	No	\$224.00	\$193.65
940	19-Nov-09	8	7	\$47.89	Yes	\$224.00	\$176.11
941	19-Nov-09	8	8	\$46.43	Yes	\$224.00	\$177.57
942	19-Nov-09	8	9	\$49.80	Yes	\$224.00	\$174.20
943	19-Nov-09	8	10	\$64.36	Yes	\$224.00	\$159.64

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
944	19-Nov-09	8	11	\$58.69	Yes	\$224.00	\$165.31
945	19-Nov-09	8	12	\$54.04	Yes	\$224.00	\$169.96
946	19-Nov-09	9	1	\$46.71	Yes	\$224.00	\$177.29
947	19-Nov-09	9	2	\$43.64	Yes	\$224.00	\$180.36
948	19-Nov-09	9	3	\$43.64	Yes	\$224.00	\$180.36
949	19-Nov-09	9	4	\$49.89	Yes	\$224.00	\$174.11
950	19-Nov-09	9	5	\$48.27	Yes	\$224.00	\$175.73
951	19-Nov-09	9	6	\$46.63	Yes	\$224.00	\$177.37
952	19-Nov-09	9	7	\$46.14	Yes	\$224.00	\$177.86
953	19-Nov-09	9	8	\$46.27	Yes	\$224.00	\$177.73
954	19-Nov-09	9	9	\$46.27	Yes	\$224.00	\$177.73
955	19-Nov-09	9	10	\$46.02	Yes	\$224.00	\$177.98
956	19-Nov-09	9	11	\$45.98	Yes	\$224.00	\$178.02
957	19-Nov-09	9	12	\$43.25	Yes	\$224.00	\$180.75
958	19-Nov-09	10	1	\$43.01	Yes	\$224.00	\$180.99
959	19-Nov-09	10	2	\$40.30	Yes	\$224.00	\$183.70
960	19-Nov-09	10	3	\$40.30	Yes	\$224.00	\$183.70
961	19-Nov-09	10	4	\$43.04	Yes	\$224.00	\$180.96
962	19-Nov-09	10	5	\$45.81	Yes	\$224.00	\$178.19
963	19-Nov-09	10	6	\$45.94	Yes	\$224.00	\$178.06
964	19-Nov-09	10	7	\$46.75	Yes	\$224.00	\$177.25
965	19-Nov-09	10	8	\$45.27	Yes	\$224.00	\$178.73
966	19-Nov-09	10	9	\$48.01	Yes	\$224.00	\$175.99
967	19-Nov-09	10	10	\$46.56	Yes	\$224.00	\$177.44
968	19-Nov-09	10	11	\$48.16	Yes	\$224.00	\$175.84
969	19-Nov-09	10	12	\$47.41	Yes	\$224.00	\$176.59
970	19-Nov-09	11	1	\$47.55	Yes	\$224.00	\$176.45
971	19-Nov-09	11	2	\$40.06	Yes	\$224.00	\$183.94
972	19-Nov-09	11	3	\$38.12	Yes	\$224.00	\$185.88
973	19-Nov-09	11	4	\$38.17	Yes	\$224.00	\$185.83
974	19-Nov-09	11	5	\$38.65	Yes	\$224.00	\$185.35
975	19-Nov-09	11	6	\$40.05	Yes	\$224.00	\$183.95
976	19-Nov-09	11	7	\$50.96	Yes	\$224.00	\$173.04
977	19-Nov-09	11	8	\$47.21	Yes	\$224.00	\$176.79
978	19-Nov-09	11	9	\$47.21	Yes	\$224.00	\$176.79
979	19-Nov-09	11	10	\$44.86	Yes	\$224.00	\$179.14
980	19-Nov-09	11	11	\$44.09	Yes	\$224.00	\$179.91
981	19-Nov-09	11	12	\$37.76	Yes	\$224.00	\$186.24
982	19-Nov-09	18	8	\$54.83	Yes	\$224.00	\$169.17
983	19-Nov-09	18	9	\$56.11	Yes	\$224.00	\$167.89
984	19-Nov-09	18	10	\$48.69	Yes	\$224.00	\$175.31
985	19-Nov-09	18	11	\$48.69	Yes	\$224.00	\$175.31
986	19-Nov-09	18	12	\$47.13	Yes	\$224.00	\$176.87
987	19-Nov-09	19	1	\$53.60	Yes	\$224.00	\$170.40
988	19-Nov-09	19	2	\$51.86	Yes	\$224.00	\$172.14

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
989	19-Nov-09	19	3	\$46.68	Yes	\$224.00	\$177.32
990	19-Nov-09	19	4	\$46.65	Yes	\$224.00	\$177.35
991	19-Nov-09	19	5	\$46.51	Yes	\$224.00	\$177.49
992	19-Nov-09	19	6	\$46.51	Yes	\$224.00	\$177.49
993	19-Nov-09	19	7	\$43.58	No	\$224.00	\$180.42
994	19-Nov-09	19	8	\$45.80	No	\$224.00	\$178.20
995	19-Nov-09	19	9	\$41.43	No	\$224.00	\$182.57
996	19-Nov-09	19	10	\$41.31	No	\$224.00	\$182.69
997	19-Nov-09	19	11	\$41.31	No	\$224.00	\$182.69
998	19-Nov-09	19	12	\$41.31	No	\$224.00	\$182.69
999	19-Nov-09	20	1	\$44.16	No	\$224.00	\$179.84
1000	19-Nov-09	20	2	\$42.31	No	\$224.00	\$181.69
1001	19-Nov-09	20	3	\$41.47	No	\$224.00	\$182.53
1002	19-Nov-09	20	4	\$42.13	No	\$224.00	\$181.87
1003	19-Nov-09	20	5	\$43.42	No	\$224.00	\$180.58
1004	19-Nov-09	20	6	\$43.35	No	\$224.00	\$180.65
1005	19-Nov-09	20	7	\$43.58	No	\$224.00	\$180.42
1006	19-Nov-09	20	8	\$42.27	No	\$224.00	\$181.73
1007	19-Nov-09	20	9	\$42.58	No	\$224.00	\$181.42
1008	19-Nov-09	20	10	\$41.90	No	\$224.00	\$182.10
1009	19-Nov-09	20	11	\$41.90	No	\$224.00	\$182.10
1010	19-Nov-09	20	12	\$37.84	No	\$224.00	\$186.16
1011	19-Nov-09	21	1	\$50.85	No	\$224.00	\$173.15
1012	19-Nov-09	21	2	\$49.30	No	\$224.00	\$174.70
1013	19-Nov-09	21	3	\$48.18	No	\$224.00	\$175.82
1014	19-Nov-09	21	4	\$44.23	No	\$224.00	\$179.77
1015	19-Nov-09	21	5	\$42.77	No	\$224.00	\$181.23
1016	19-Nov-09	21	6	\$42.73	No	\$224.00	\$181.27
1017	19-Nov-09	21	7	\$42.23	No	\$224.00	\$181.77
1018	19-Nov-09	21	8	\$41.98	No	\$224.00	\$182.02
1019	19-Nov-09	21	9	\$41.57	No	\$224.00	\$182.43
1020	19-Nov-09	21	10	\$37.95	No	\$224.00	\$186.05
1021	19-Nov-09	21	11	\$37.95	No	\$224.00	\$186.05
1022	19-Nov-09	21	12	\$40.02	No	\$224.00	\$183.98
1023	19-Nov-09	22	1	\$43.34	No	\$224.00	\$180.66
1024	19-Nov-09	22	2	\$44.85	No	\$224.00	\$179.15
1025	19-Nov-09	22	3	\$43.38	No	\$224.00	\$180.62
1026	19-Nov-09	22	4	\$42.50	No	\$224.00	\$181.50
1027	19-Nov-09	22	5	\$39.81	No	\$224.00	\$184.19
1028	19-Nov-09	22	6	\$33.44	No	\$224.00	\$190.56
1029	19-Nov-09	22	7	\$33.33	No	\$224.00	\$190.67
1030	19-Nov-09	22	8	\$31.46	No	\$224.00	\$192.54
1031	19-Nov-09	22	9	\$30.52	No	\$224.00	\$193.48
1032	19-Nov-09	22	10	\$30.70	No	\$224.00	\$193.30
1033	19-Nov-09	22	11	\$28.81	No	\$224.00	\$195.19

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1034	19-Nov-09	22	12	\$22.04	Yes	\$224.00	\$201.96
1035	19-Nov-09	23	1	\$41.75	Yes	\$224.00	\$182.25
1036	19-Nov-09	23	2	\$37.73	Yes	\$224.00	\$186.27
1037	19-Nov-09	23	3	\$35.82	Yes	\$224.00	\$188.18
1038	19-Nov-09	23	4	\$38.89	Yes	\$224.00	\$185.11
1039	19-Nov-09	23	5	\$41.91	Yes	\$224.00	\$182.09
1040	19-Nov-09	23	6	\$42.20	Yes	\$224.00	\$181.80
1041	19-Nov-09	23	7	\$37.45	Yes	\$224.00	\$186.55
1042	19-Nov-09	23	8	\$34.73	Yes	\$224.00	\$189.27
1043	19-Nov-09	23	9	\$32.68	Yes	\$224.00	\$191.32
1044	19-Nov-09	23	10	\$28.69	Yes	\$224.00	\$195.31
1045	19-Nov-09	23	11	\$26.33	Yes	\$224.00	\$197.67
1046	19-Nov-09	23	12	\$25.30	Yes	\$224.00	\$198.70
1047	19-Nov-09	24	5	\$33.89	No	\$224.00	\$190.11
1048	19-Nov-09	24	6	\$33.89	No	\$224.00	\$190.11
1049	19-Nov-09	24	7	\$30.67	No	\$224.00	\$193.33
1050	19-Nov-09	24	8	\$31.51	No	\$224.00	\$192.49
1051	19-Nov-09	24	9	\$30.36	No	\$224.00	\$193.64
1052	19-Nov-09	24	10	\$28.12	No	\$224.00	\$195.88
1053	20-Nov-09	6	10	\$36.24	Yes	\$224.00	\$187.76
1054	20-Nov-09	6	11	\$33.80	Yes	\$224.00	\$190.20
1055	20-Nov-09	6	12	\$40.76	Yes	\$224.00	\$183.24
1056	20-Nov-09	7	1	\$19.49	Yes	\$224.00	\$204.51
1057	20-Nov-09	7	2	\$23.16	Yes	\$224.00	\$200.84
1058	20-Nov-09	7	3	\$32.58	Yes	\$224.00	\$191.42
1059	20-Nov-09	7	4	\$30.90	Yes	\$224.00	\$193.10
1060	20-Nov-09	7	5	\$32.85	Yes	\$224.00	\$191.15
1061	20-Nov-09	7	6	\$32.85	Yes	\$224.00	\$191.15
1062	20-Nov-09	7	7	\$36.93	Yes	\$224.00	\$187.07
1063	20-Nov-09	7	8	\$39.43	Yes	\$224.00	\$184.57
1064	20-Nov-09	7	9	\$40.93	Yes	\$224.00	\$183.07
1065	20-Nov-09	7	10	\$40.77	Yes	\$224.00	\$183.23
1066	20-Nov-09	7	11	\$45.07	Yes	\$224.00	\$178.93
1067	20-Nov-09	7	12	\$46.42	Yes	\$224.00	\$177.58
1068	20-Nov-09	8	1	\$45.83	No	\$224.00	\$178.17
1069	20-Nov-09	8	2	\$45.51	No	\$224.00	\$178.49
1070	20-Nov-09	8	3	\$44.52	No	\$224.00	\$179.48
1071	20-Nov-09	8	4	\$37.76	No	\$224.00	\$186.24
1072	20-Nov-09	8	5	\$37.76	No	\$224.00	\$186.24
1073	20-Nov-09	8	6	\$37.76	No	\$224.00	\$186.24
1074	20-Nov-09	8	7	\$43.32	No	\$224.00	\$180.68
1075	20-Nov-09	8	8	\$44.81	No	\$224.00	\$179.19
1076	20-Nov-09	8	9	\$44.57	No	\$224.00	\$179.43
1077	20-Nov-09	8	10	\$44.80	No	\$224.00	\$179.20
1078	20-Nov-09	8	11	\$44.80	No	\$224.00	\$179.20

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1079	20-Nov-09	8	12	\$43.68	No	\$224.00	\$180.32
1080	20-Nov-09	9	1	\$33.41	No	\$224.00	\$190.59
1081	20-Nov-09	9	2	\$32.57	No	\$224.00	\$191.43
1082	20-Nov-09	9	3	\$32.57	No	\$224.00	\$191.43
1083	20-Nov-09	9	4	\$33.48	No	\$224.00	\$190.52
1084	20-Nov-09	9	5	\$38.25	No	\$224.00	\$185.75
1085	20-Nov-09	9	6	\$36.65	No	\$224.00	\$187.35
1086	20-Nov-09	9	7	\$33.61	No	\$224.00	\$190.39
1087	20-Nov-09	9	8	\$33.51	No	\$224.00	\$190.49
1088	20-Nov-09	9	9	\$38.34	No	\$224.00	\$185.66
1089	20-Nov-09	9	10	\$36.16	No	\$224.00	\$187.84
1090	20-Nov-09	9	11	\$33.62	No	\$224.00	\$190.38
1091	20-Nov-09	9	12	\$33.62	No	\$224.00	\$190.38
1092	20-Nov-09	10	1	\$32.72	No	\$224.00	\$191.28
1093	20-Nov-09	10	2	\$32.75	No	\$224.00	\$191.25
1094	20-Nov-09	10	3	\$32.87	No	\$224.00	\$191.13
1095	20-Nov-09	10	4	\$33.22	No	\$224.00	\$190.78
1096	20-Nov-09	10	5	\$33.60	No	\$224.00	\$190.40
1097	20-Nov-09	10	6	\$33.60	No	\$224.00	\$190.40
1098	20-Nov-09	10	7	\$39.86	No	\$224.00	\$184.14
1099	20-Nov-09	10	8	\$39.86	No	\$224.00	\$184.14
1100	20-Nov-09	10	9	\$39.86	No	\$224.00	\$184.14
1101	20-Nov-09	10	10	\$37.42	No	\$224.00	\$186.58
1102	20-Nov-09	10	11	\$39.74	No	\$224.00	\$184.26
1103	20-Nov-09	10	12	\$39.74	No	\$224.00	\$184.26
1104	20-Nov-09	11	1	\$33.52	No	\$224.00	\$190.48
1105	20-Nov-09	11	2	\$39.74	No	\$224.00	\$184.26
1106	20-Nov-09	11	3	\$35.74	No	\$224.00	\$188.26
1107	20-Nov-09	11	4	\$40.81	No	\$224.00	\$183.19
1108	20-Nov-09	11	5	\$40.81	No	\$224.00	\$183.19
1109	20-Nov-09	11	6	\$40.51	No	\$224.00	\$183.49
1110	20-Nov-09	11	7	\$40.87	No	\$224.00	\$183.13
1111	20-Nov-09	11	8	\$40.87	No	\$224.00	\$183.13
1112	20-Nov-09	11	9	\$40.87	No	\$224.00	\$183.13
1113	20-Nov-09	11	10	\$43.86	No	\$224.00	\$180.14
1114	20-Nov-09	11	11	\$45.03	No	\$224.00	\$178.97
1115	20-Nov-09	11	12	\$43.77	No	\$224.00	\$180.23
1116	20-Nov-09	12	1	\$44.86	No	\$224.00	\$179.14
1117	20-Nov-09	12	2	\$43.73	No	\$224.00	\$180.27
1118	20-Nov-09	12	3	\$43.77	No	\$224.00	\$180.23
1119	20-Nov-09	12	4	\$44.18	No	\$224.00	\$179.82
1120	20-Nov-09	12	5	\$44.07	No	\$224.00	\$179.93
1121	20-Nov-09	12	6	\$44.05	No	\$224.00	\$179.95
1122	20-Nov-09	12	7	\$43.50	No	\$224.00	\$180.50
1123	20-Nov-09	12	8	\$40.63	No	\$224.00	\$183.37

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1124	20-Nov-09	12	9	\$40.01	No	\$224.00	\$183.99
1125	20-Nov-09	12	10	\$44.38	No	\$224.00	\$179.62
1126	20-Nov-09	12	11	\$43.19	No	\$224.00	\$180.81
1127	20-Nov-09	12	12	\$43.19	No	\$224.00	\$180.81
1128	20-Nov-09	13	1	\$43.47	No	\$224.00	\$180.53
1129	20-Nov-09	13	2	\$43.37	No	\$224.00	\$180.63
1130	20-Nov-09	13	3	\$37.82	No	\$224.00	\$186.18
1131	20-Nov-09	13	4	\$39.56	No	\$224.00	\$184.44
1132	20-Nov-09	13	5	\$37.85	No	\$224.00	\$186.15
1133	20-Nov-09	13	6	\$37.85	No	\$224.00	\$186.15
1134	20-Nov-09	13	7	\$37.78	No	\$224.00	\$186.22
1135	20-Nov-09	13	8	\$39.38	No	\$224.00	\$184.62
1136	20-Nov-09	13	9	\$39.38	No	\$224.00	\$184.62
1137	20-Nov-09	13	10	\$39.34	No	\$224.00	\$184.66
1138	20-Nov-09	13	11	\$39.34	No	\$224.00	\$184.66
1139	20-Nov-09	13	12	\$39.88	No	\$224.00	\$184.12
1140	20-Nov-09	14	1	\$35.34	No	\$224.00	\$188.67
1141	20-Nov-09	14	2	\$37.48	No	\$224.00	\$186.52
1142	20-Nov-09	14	3	\$42.83	No	\$224.00	\$181.17
1143	20-Nov-09	14	4	\$43.14	No	\$224.00	\$180.86
1144	20-Nov-09	14	5	\$43.12	No	\$224.00	\$180.88
1145	20-Nov-09	14	6	\$43.12	No	\$224.00	\$180.88
1146	20-Nov-09	14	7	\$43.21	No	\$224.00	\$180.79
1147	20-Nov-09	14	8	\$43.21	No	\$224.00	\$180.79
1148	20-Nov-09	14	9	\$43.21	No	\$224.00	\$180.79
1149	20-Nov-09	14	10	\$43.11	No	\$224.00	\$180.89
1150	20-Nov-09	14	11	\$43.06	No	\$224.00	\$180.94
1151	20-Nov-09	14	12	\$43.88	No	\$224.00	\$180.12
1152	20-Nov-09	15	1	\$43.51	No	\$224.00	\$180.49
1153	20-Nov-09	15	2	\$43.51	No	\$224.00	\$180.49
1154	20-Nov-09	15	3	\$42.34	No	\$224.00	\$181.66
1155	20-Nov-09	15	4	\$42.45	No	\$224.00	\$181.55
1156	20-Nov-09	15	5	\$39.06	No	\$224.00	\$184.94
1157	20-Nov-09	15	6	\$37.04	No	\$224.00	\$186.96
1158	20-Nov-09	15	7	\$35.81	No	\$224.00	\$188.19
1159	20-Nov-09	15	8	\$35.24	No	\$224.00	\$188.76
1160	20-Nov-09	15	9	\$32.29	No	\$224.00	\$191.71
1161	20-Nov-09	15	10	\$36.65	No	\$224.00	\$187.35
1162	20-Nov-09	15	11	\$36.79	No	\$224.00	\$187.21
1163	20-Nov-09	15	12	\$36.65	No	\$224.00	\$187.35
1164	20-Nov-09	16	1	\$36.71	No	\$224.00	\$187.29
1165	20-Nov-09	16	2	\$36.17	No	\$224.00	\$187.83
1166	20-Nov-09	16	3	\$35.03	No	\$224.00	\$188.97
1167	20-Nov-09	16	4	\$36.60	No	\$224.00	\$187.40
1168	20-Nov-09	16	5	\$36.61	No	\$224.00	\$187.39

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1169	20-Nov-09	16	6	\$36.60	No	\$224.00	\$187.40
1170	20-Nov-09	16	7	\$35.04	No	\$224.00	\$188.96
1171	20-Nov-09	16	8	\$32.53	No	\$224.00	\$191.47
1172	20-Nov-09	16	9	\$32.53	No	\$224.00	\$191.47
1173	20-Nov-09	16	10	\$33.05	No	\$224.00	\$190.95
1174	20-Nov-09	16	11	\$33.05	No	\$224.00	\$190.95
1175	20-Nov-09	16	12	\$33.05	No	\$224.00	\$190.95
1176	20-Nov-09	17	1	\$32.19	No	\$224.00	\$191.81
1177	20-Nov-09	17	2	\$32.19	No	\$224.00	\$191.81
1178	20-Nov-09	17	3	\$31.10	No	\$224.00	\$192.90
1179	20-Nov-09	17	4	\$31.10	No	\$224.00	\$192.90
1180	20-Nov-09	17	5	\$32.26	No	\$224.00	\$191.74
1181	20-Nov-09	17	6	\$32.68	No	\$224.00	\$191.32
1182	20-Nov-09	17	7	\$33.58	No	\$224.00	\$190.42
1183	20-Nov-09	17	8	\$34.76	No	\$224.00	\$189.24
1184	20-Nov-09	17	9	\$40.18	No	\$224.00	\$183.82
1185	20-Nov-09	17	10	\$45.47	No	\$224.00	\$178.53
1186	20-Nov-09	17	11	\$48.47	No	\$224.00	\$175.53
1187	20-Nov-09	17	12	\$45.58	No	\$224.00	\$178.42
1188	20-Nov-09	18	1	\$34.14	No	\$224.00	\$189.86
1189	20-Nov-09	18	2	\$36.48	No	\$224.00	\$187.52
1190	20-Nov-09	18	3	\$37.00	No	\$224.00	\$187.00
1191	20-Nov-09	18	4	\$44.87	No	\$224.00	\$179.13
1192	20-Nov-09	18	5	\$44.12	No	\$224.00	\$179.88
1193	20-Nov-09	18	6	\$44.87	No	\$224.00	\$179.13
1194	20-Nov-09	18	7	\$44.03	No	\$224.00	\$179.97
1195	20-Nov-09	18	8	\$40.34	No	\$224.00	\$183.66
1196	20-Nov-09	18	9	\$40.34	No	\$224.00	\$183.66
1197	20-Nov-09	18	10	\$40.39	No	\$224.00	\$183.61
1198	20-Nov-09	18	11	\$40.39	No	\$224.00	\$183.61
1199	20-Nov-09	18	12	\$40.39	No	\$224.00	\$183.61
1200	20-Nov-09	19	1	\$39.84	No	\$224.00	\$184.16
1201	20-Nov-09	19	2	\$42.94	No	\$224.00	\$181.06
1202	20-Nov-09	19	3	\$39.84	No	\$224.00	\$184.16
1203	20-Nov-09	19	4	\$35.69	No	\$224.00	\$188.31
1204	20-Nov-09	19	5	\$35.23	No	\$224.00	\$188.77
1205	20-Nov-09	19	6	\$35.23	No	\$224.00	\$188.77
1206	20-Nov-09	19	7	\$35.16	No	\$224.00	\$188.84
1207	20-Nov-09	19	8	\$34.65	No	\$224.00	\$189.35
1208	20-Nov-09	19	9	\$34.73	No	\$224.00	\$189.27
1209	20-Nov-09	19	10	\$34.89	No	\$224.00	\$189.11
1210	20-Nov-09	19	11	\$34.18	No	\$224.00	\$189.82
1211	20-Nov-09	19	12	\$34.18	No	\$224.00	\$189.82
1212	20-Nov-09	20	1	\$38.09	No	\$224.00	\$185.91
1213	20-Nov-09	20	2	\$38.96	No	\$224.00	\$185.04



Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1214	20-Nov-09	20	3	\$37.96	No	\$224.00	\$186.04
1215	20-Nov-09	20	4	\$35.68	No	\$224.00	\$188.32
1216	20-Nov-09	20	5	\$35.51	No	\$224.00	\$188.49
1217	20-Nov-09	20	6	\$35.09	No	\$224.00	\$188.91
1218	20-Nov-09	20	7	\$32.38	No	\$224.00	\$191.62
1219	20-Nov-09	20	8	\$31.61	No	\$224.00	\$192.39
1220	20-Nov-09	20	9	\$31.32	No	\$224.00	\$192.68
1221	20-Nov-09	20	10	\$28.37	No	\$224.00	\$195.63
1222	20-Nov-09	20	11	\$26.96	No	\$224.00	\$197.04
1223	20-Nov-09	20	12	\$29.51	No	\$224.00	\$194.49
1224	20-Nov-09	21	1	\$28.92	No	\$224.00	\$195.08
1225	20-Nov-09	21	2	\$29.45	No	\$224.00	\$194.55
1226	20-Nov-09	21	3	\$28.92	No	\$224.00	\$195.08
1227	20-Nov-09	21	4	\$28.01	No	\$224.00	\$195.99
1228	20-Nov-09	21	5	\$27.99	No	\$224.00	\$196.01
1229	20-Nov-09	21	6	\$27.41	No	\$224.00	\$196.59
1230	20-Nov-09	21	7	\$26.40	No	\$224.00	\$197.60
1231	20-Nov-09	21	8	\$26.11	No	\$224.00	\$197.89
1232	20-Nov-09	21	9	\$22.04	No	\$224.00	\$201.96

**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	1-Nov-09	2	1	\$29.53	Yes	\$41.52	\$11.99
2	1-Nov-09	2	2	\$30.41	Yes	\$41.52	\$11.11
3	1-Nov-09	2	3	\$27.18	Yes	\$41.52	\$14.34
4	1-Nov-09	2	4	\$29.63	Yes	\$41.52	\$11.89
5	1-Nov-09	2	5	\$31.65	Yes	\$41.52	\$9.87
6	1-Nov-09	2	6	\$31.65	Yes	\$41.52	\$9.87
7	1-Nov-09	2	7	\$31.65	Yes	\$41.52	\$9.87
8	1-Nov-09	2	8	\$31.65	Yes	\$41.52	\$9.87
9	1-Nov-09	2	9	\$31.19	Yes	\$41.52	\$10.33
10	1-Nov-09	2	10	\$31.66	Yes	\$41.52	\$9.86
11	1-Nov-09	2	11	\$31.27	Yes	\$41.52	\$10.25
12	1-Nov-09	2	12	\$31.66	Yes	\$41.52	\$9.86
13	1-Nov-09	3	1	-\$31.94	Yes	\$41.52	\$73.46
14	1-Nov-09	3	2	-\$0.01	Yes	\$41.52	\$41.53
15	1-Nov-09	3	3	\$30.24	Yes	\$41.52	\$11.28
16	1-Nov-09	3	4	\$30.23	Yes	\$41.52	\$11.29
17	1-Nov-09	3	5	\$29.29	Yes	\$41.52	\$12.23
18	1-Nov-09	3	6	-\$63.55	Yes	\$41.52	\$105.07

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
19	1-Nov-09	3	7	-\$55.20	Yes	\$41.52	\$96.72
20	1-Nov-09	3	8	-\$64.24	Yes	\$41.52	\$105.76
21	1-Nov-09	3	9	-\$64.24	Yes	\$41.52	\$105.76
22	1-Nov-09	3	10	-\$31.69	Yes	\$41.52	\$73.21
23	1-Nov-09	3	11	-\$64.75	Yes	\$41.52	\$106.27
24	1-Nov-09	3	12	-\$39.60	Yes	\$41.52	\$81.12
25	1-Nov-09	4	1	\$0.97	Yes	\$41.52	\$40.55
26	1-Nov-09	4	2	\$20.43	Yes	\$41.52	\$21.09
27	1-Nov-09	4	3	\$27.07	Yes	\$41.52	\$14.45
28	1-Nov-09	4	4	\$20.39	Yes	\$41.52	\$21.13
29	1-Nov-09	4	5	\$29.31	Yes	\$41.52	\$12.21
30	1-Nov-09	4	6	\$20.49	Yes	\$41.52	\$21.03
31	1-Nov-09	4	7	\$0.97	Yes	\$41.52	\$40.55
32	1-Nov-09	4	8	\$0.97	Yes	\$41.52	\$40.55
33	1-Nov-09	4	9	\$29.30	Yes	\$41.52	\$12.22
34	1-Nov-09	4	10	\$31.54	Yes	\$41.52	\$9.98
35	1-Nov-09	4	11	\$31.54	Yes	\$41.52	\$9.98
36	1-Nov-09	4	12	\$31.54	Yes	\$41.52	\$9.98
37	1-Nov-09	5	1	\$29.41	Yes	\$41.52	\$12.11
38	1-Nov-09	5	2	\$31.58	Yes	\$41.52	\$9.94
39	1-Nov-09	5	3	\$31.37	Yes	\$41.52	\$10.15
40	1-Nov-09	5	4	\$31.43	Yes	\$41.52	\$10.09
41	1-Nov-09	5	5	\$30.43	Yes	\$41.52	\$11.09
42	1-Nov-09	5	6	\$31.43	Yes	\$41.52	\$10.09
43	1-Nov-09	5	7	\$31.58	Yes	\$41.52	\$9.94
44	1-Nov-09	5	8	\$31.58	Yes	\$41.52	\$9.94
45	1-Nov-09	5	9	\$31.58	Yes	\$41.52	\$9.94
46	1-Nov-09	5	10	\$31.59	Yes	\$41.52	\$9.93
47	1-Nov-09	5	11	\$31.59	Yes	\$41.52	\$9.93
48	1-Nov-09	5	12	\$31.59	Yes	\$41.52	\$9.93
49	1-Nov-09	6	1	\$27.09	Yes	\$41.52	\$14.43
50	1-Nov-09	6	2	\$18.06	Yes	\$41.52	\$23.46
51	1-Nov-09	6	3	\$30.04	Yes	\$41.52	\$11.48
52	1-Nov-09	6	4	\$31.62	Yes	\$41.52	\$9.90
53	1-Nov-09	6	5	\$31.62	Yes	\$41.52	\$9.90
54	1-Nov-09	6	6	\$31.62	Yes	\$41.52	\$9.90
55	1-Nov-09	6	7	\$31.50	Yes	\$41.52	\$10.02
56	1-Nov-09	6	8	\$30.14	Yes	\$41.52	\$11.38
57	1-Nov-09	6	9	\$31.50	Yes	\$41.52	\$10.02
58	1-Nov-09	6	10	-\$92.42	Yes	\$41.52	\$133.94
59	1-Nov-09	6	11	\$20.50	Yes	\$41.52	\$21.02
60	1-Nov-09	6	12	\$31.57	Yes	\$41.52	\$9.95
61	1-Nov-09	7	1	\$19.55	Yes	\$41.52	\$21.97
62	1-Nov-09	7	2	-\$94.94	Yes	\$41.52	\$136.46
63	1-Nov-09	7	3	-\$96.29	Yes	\$41.52	\$137.81

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
64	1-Nov-09	7	4	-\$36.60	Yes	\$41.52	\$78.12
65	1-Nov-09	7	5	-\$94.35	Yes	\$41.52	\$135.87
66	1-Nov-09	7	6	-\$48.33	Yes	\$41.52	\$89.85
67	1-Nov-09	7	7	-\$95.65	Yes	\$41.52	\$137.17
68	1-Nov-09	7	8	-\$95.65	Yes	\$41.52	\$137.17
69	1-Nov-09	7	9	-\$44.90	Yes	\$41.52	\$86.42
70	1-Nov-09	7	10	-\$44.07	Yes	\$41.52	\$85.59
71	1-Nov-09	7	11	\$20.95	Yes	\$41.52	\$20.57
72	1-Nov-09	7	12	-\$65.63	Yes	\$41.52	\$107.15
73	1-Nov-09	8	1	-\$35.22	Yes	\$41.52	\$76.74
74	1-Nov-09	8	2	-\$64.47	Yes	\$41.52	\$105.99
75	1-Nov-09	8	3	\$1.02	Yes	\$41.52	\$40.50
76	1-Nov-09	8	4	-\$66.19	Yes	\$41.52	\$107.71
77	1-Nov-09	8	5	-\$45.25	Yes	\$41.52	\$86.77
78	1-Nov-09	8	6	\$29.52	Yes	\$41.52	\$12.00
79	1-Nov-09	8	7	\$26.92	Yes	\$41.52	\$14.60
80	1-Nov-09	8	8	\$34.03	Yes	\$41.52	\$7.49
81	1-Nov-09	8	9	\$34.52	Yes	\$41.52	\$7.00
82	1-Nov-09	8	10	\$36.81	Yes	\$41.52	\$4.71
83	1-Nov-09	8	11	\$29.55	Yes	\$41.52	\$11.97
84	1-Nov-09	8	12	\$31.83	Yes	\$41.52	\$9.69
85	1-Nov-09	9	1	-\$94.71	Yes	\$41.52	\$136.23
86	1-Nov-09	9	2	-\$47.04	Yes	\$41.52	\$88.56
87	1-Nov-09	9	3	-\$91.36	Yes	\$41.52	\$132.88
88	1-Nov-09	9	4	\$31.78	Yes	\$41.52	\$9.74
89	1-Nov-09	9	5	\$29.62	Yes	\$41.52	\$11.90
90	1-Nov-09	9	6	\$29.29	Yes	\$41.52	\$12.23
91	1-Nov-09	9	7	\$29.35	Yes	\$41.52	\$12.17
92	1-Nov-09	9	8	\$29.35	Yes	\$41.52	\$12.17
93	1-Nov-09	9	9	\$29.35	Yes	\$41.52	\$12.17
94	1-Nov-09	9	10	\$30.13	Yes	\$41.52	\$11.39
95	1-Nov-09	9	11	\$29.25	Yes	\$41.52	\$12.27
96	1-Nov-09	9	12	\$28.36	Yes	\$41.52	\$13.16
97	1-Nov-09	10	1	\$19.70	Yes	\$41.52	\$21.82
98	1-Nov-09	10	2	-\$92.51	Yes	\$41.52	\$134.03
99	1-Nov-09	10	3	\$24.56	Yes	\$41.52	\$16.96
100	1-Nov-09	10	4	\$29.26	Yes	\$41.52	\$12.26
101	1-Nov-09	10	5	\$30.25	Yes	\$41.52	\$11.27
102	1-Nov-09	10	6	\$29.78	Yes	\$41.52	\$11.74
103	1-Nov-09	10	7	\$30.35	Yes	\$41.52	\$11.17
104	1-Nov-09	10	8	\$31.81	Yes	\$41.52	\$9.71
105	1-Nov-09	10	9	\$31.97	Yes	\$41.52	\$9.55
106	1-Nov-09	10	10	\$31.97	Yes	\$41.52	\$9.55
107	1-Nov-09	10	11	\$31.90	Yes	\$41.52	\$9.62
108	1-Nov-09	10	12	\$29.42	Yes	\$41.52	\$12.10

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
109	1-Nov-09	11	1	\$27.88	Yes	\$41.52	\$13.64
110	1-Nov-09	11	2	\$27.88	Yes	\$41.52	\$13.64
111	1-Nov-09	11	3	\$29.19	Yes	\$41.52	\$12.33
112	1-Nov-09	11	4	\$33.13	Yes	\$41.52	\$8.39
113	1-Nov-09	11	5	\$32.42	Yes	\$41.52	\$9.10
114	1-Nov-09	11	6	\$34.35	Yes	\$41.52	\$7.17
115	1-Nov-09	11	7	\$29.55	Yes	\$41.52	\$11.97
116	1-Nov-09	11	8	\$30.51	Yes	\$41.52	\$11.01
117	1-Nov-09	11	9	\$31.97	Yes	\$41.52	\$9.55
118	1-Nov-09	11	10	\$31.96	Yes	\$41.52	\$9.56
119	1-Nov-09	11	11	\$31.94	Yes	\$41.52	\$9.58
120	1-Nov-09	11	12	\$31.94	Yes	\$41.52	\$9.58
121	1-Nov-09	12	1	\$33.04	Yes	\$41.52	\$8.48
122	1-Nov-09	12	2	\$33.04	Yes	\$41.52	\$8.48
123	1-Nov-09	12	3	\$33.06	Yes	\$41.52	\$8.46
124	1-Nov-09	12	4	\$34.67	Yes	\$41.52	\$6.85
125	1-Nov-09	12	5	\$34.72	Yes	\$41.52	\$6.80
126	1-Nov-09	12	6	\$34.73	Yes	\$41.52	\$6.79
127	1-Nov-09	12	7	\$34.75	Yes	\$41.52	\$6.77
128	1-Nov-09	12	8	\$34.81	Yes	\$41.52	\$6.71
129	1-Nov-09	12	9	\$36.02	Yes	\$41.52	\$5.50
130	1-Nov-09	12	10	\$36.61	Yes	\$41.52	\$4.91
131	1-Nov-09	12	11	\$35.92	Yes	\$41.52	\$5.60
132	1-Nov-09	12	12	\$35.92	Yes	\$41.52	\$5.60
133	1-Nov-09	13	1	\$34.70	Yes	\$41.52	\$6.82
134	1-Nov-09	13	2	\$31.93	Yes	\$41.52	\$9.59
135	1-Nov-09	13	3	\$33.37	Yes	\$41.52	\$8.15
136	1-Nov-09	13	4	\$35.43	Yes	\$41.52	\$6.09
137	1-Nov-09	13	5	\$35.48	Yes	\$41.52	\$6.04
138	1-Nov-09	13	6	\$35.48	Yes	\$41.52	\$6.04
139	1-Nov-09	13	7	\$35.46	Yes	\$41.52	\$6.06
140	1-Nov-09	13	8	\$35.51	Yes	\$41.52	\$6.01
141	1-Nov-09	13	9	\$36.16	Yes	\$41.52	\$5.36
142	1-Nov-09	13	10	\$35.99	Yes	\$41.52	\$5.53
143	1-Nov-09	13	11	\$35.66	Yes	\$41.52	\$5.86
144	1-Nov-09	13	12	\$34.81	Yes	\$41.52	\$6.71
145	1-Nov-09	14	1	\$34.71	Yes	\$41.52	\$6.81
146	1-Nov-09	14	2	\$32.33	Yes	\$41.52	\$9.19
147	1-Nov-09	14	3	\$32.33	Yes	\$41.52	\$9.19
148	1-Nov-09	14	4	\$33.48	Yes	\$41.52	\$8.04
149	1-Nov-09	14	5	\$33.48	Yes	\$41.52	\$8.04
150	1-Nov-09	14	6	\$33.48	Yes	\$41.52	\$8.04
151	1-Nov-09	14	7	\$33.09	Yes	\$41.52	\$8.43
152	1-Nov-09	14	8	\$33.09	Yes	\$41.52	\$8.43
153	1-Nov-09	14	9	\$33.09	Yes	\$41.52	\$8.43

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
154	1-Nov-09	14	10	\$33.51	Yes	\$41.52	\$8.01
155	1-Nov-09	14	11	\$32.93	Yes	\$41.52	\$8.59
156	1-Nov-09	14	12	\$32.93	Yes	\$41.52	\$8.59
157	1-Nov-09	15	1	\$32.34	Yes	\$41.52	\$9.18
158	1-Nov-09	15	2	\$32.21	Yes	\$41.52	\$9.31
159	1-Nov-09	15	3	\$29.67	Yes	\$41.52	\$11.85
160	1-Nov-09	15	4	\$29.80	Yes	\$41.52	\$11.72
161	1-Nov-09	15	5	\$29.80	Yes	\$41.52	\$11.72
162	1-Nov-09	15	6	\$29.80	Yes	\$41.52	\$11.72
163	1-Nov-09	15	7	\$29.78	Yes	\$41.52	\$11.74
164	1-Nov-09	15	8	\$29.78	Yes	\$41.52	\$11.74
165	1-Nov-09	15	9	\$29.78	Yes	\$41.52	\$11.74
166	1-Nov-09	15	10	\$28.72	Yes	\$41.52	\$12.80
167	1-Nov-09	15	11	\$29.68	Yes	\$41.52	\$11.84
168	1-Nov-09	15	12	\$29.68	Yes	\$41.52	\$11.84
169	1-Nov-09	16	1	\$30.65	Yes	\$41.52	\$10.87
170	1-Nov-09	16	1	\$30.65	Yes	\$46.02	\$15.37
171	1-Nov-09	16	2	\$30.65	Yes	\$46.02	\$15.37
172	1-Nov-09	16	2	\$30.65	Yes	\$41.52	\$10.87
173	1-Nov-09	16	3	\$30.65	Yes	\$46.02	\$15.37
174	1-Nov-09	16	3	\$30.65	Yes	\$41.52	\$10.87
175	1-Nov-09	16	4	\$29.63	Yes	\$41.52	\$11.89
176	1-Nov-09	16	4	\$29.63	Yes	\$46.02	\$16.39
177	1-Nov-09	16	5	\$29.65	Yes	\$46.02	\$16.37
178	1-Nov-09	16	5	\$29.65	Yes	\$41.52	\$11.87
179	1-Nov-09	16	6	\$30.59	Yes	\$41.52	\$10.93
180	1-Nov-09	16	6	\$30.59	Yes	\$46.02	\$15.43
181	1-Nov-09	16	7	\$32.16	Yes	\$41.52	\$9.36
182	1-Nov-09	16	7	\$32.16	Yes	\$46.02	\$13.86
183	1-Nov-09	16	8	\$32.74	Yes	\$41.52	\$8.78
184	1-Nov-09	16	8	\$32.74	Yes	\$46.02	\$13.28
185	1-Nov-09	16	9	\$32.74	Yes	\$41.52	\$8.78
186	1-Nov-09	16	9	\$32.74	Yes	\$46.02	\$13.28
187	1-Nov-09	16	10	\$34.56	Yes	\$41.52	\$6.96
188	1-Nov-09	16	10	\$34.56	Yes	\$46.02	\$11.46
189	1-Nov-09	16	11	\$33.24	Yes	\$46.02	\$12.78
190	1-Nov-09	16	11	\$33.24	Yes	\$41.52	\$8.28
191	1-Nov-09	16	12	\$34.50	Yes	\$46.02	\$11.52
192	1-Nov-09	16	12	\$34.50	Yes	\$41.52	\$7.02
193	1-Nov-09	17	1	\$34.42	Yes	\$46.02	\$11.60
194	1-Nov-09	17	1	\$34.42	Yes	\$41.52	\$7.10
195	1-Nov-09	17	2	\$35.33	Yes	\$41.52	\$6.19
196	1-Nov-09	17	2	\$35.33	Yes	\$46.02	\$10.69
197	1-Nov-09	17	3	\$35.33	Yes	\$46.02	\$10.69
198	1-Nov-09	17	3	\$35.33	Yes	\$41.52	\$6.19

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
199	1-Nov-09	17	4	\$35.71	Yes	\$46.02	\$10.31
200	1-Nov-09	17	4	\$35.71	Yes	\$41.52	\$5.81
201	1-Nov-09	17	5	\$36.34	Yes	\$41.52	\$5.18
202	1-Nov-09	17	5	\$36.34	Yes	\$46.02	\$9.68
203	1-Nov-09	17	6	\$36.63	Yes	\$41.52	\$4.89
204	1-Nov-09	17	6	\$36.63	Yes	\$46.02	\$9.39
205	1-Nov-09	17	7	\$43.85	Yes	\$46.02	\$2.17
206	1-Nov-09	17	7	\$43.85	Yes	\$41.52	-\$2.33
207	1-Nov-09	17	8	\$42.85	Yes	\$41.52	-\$1.33
208	1-Nov-09	17	8	\$42.85	Yes	\$46.02	\$3.17
209	1-Nov-09	17	9	\$55.28	Yes	\$41.52	-\$13.76
210	1-Nov-09	17	9	\$55.28	Yes	\$46.02	-\$9.26
211	1-Nov-09	17	10	\$67.08	Yes	\$41.52	-\$25.56
212	1-Nov-09	17	10	\$67.08	Yes	\$46.02	-\$21.06
213	1-Nov-09	17	11	\$67.08	Yes	\$41.52	-\$25.56
214	1-Nov-09	17	11	\$67.08	Yes	\$46.02	-\$21.06
215	1-Nov-09	17	12	\$67.08	Yes	\$41.52	-\$25.56
216	1-Nov-09	17	12	\$67.08	Yes	\$46.02	-\$21.06
217	1-Nov-09	18	1	\$44.45	Yes	\$46.02	\$1.57
218	1-Nov-09	18	1	\$44.45	Yes	\$41.52	-\$2.93
219	1-Nov-09	18	2	\$37.94	Yes	\$41.52	\$3.58
220	1-Nov-09	18	2	\$37.94	Yes	\$46.02	\$8.08
221	1-Nov-09	18	3	\$55.45	Yes	\$46.02	-\$9.43
222	1-Nov-09	18	3	\$55.45	Yes	\$41.52	-\$13.93
223	1-Nov-09	18	4	\$82.63	Yes	\$46.02	-\$36.61
224	1-Nov-09	18	4	\$82.63	Yes	\$41.52	-\$41.11
225	1-Nov-09	18	5	\$79.12	Yes	\$46.02	-\$33.10
226	1-Nov-09	18	5	\$79.12	Yes	\$41.52	-\$37.60
227	1-Nov-09	18	6	\$82.63	Yes	\$46.02	-\$36.61
228	1-Nov-09	18	6	\$82.63	Yes	\$41.52	-\$41.11
229	1-Nov-09	18	7	\$86.63	Yes	\$46.02	-\$40.61
230	1-Nov-09	18	7	\$86.63	Yes	\$41.52	-\$45.11
231	1-Nov-09	18	8	\$86.63	Yes	\$46.02	-\$40.61
232	1-Nov-09	18	8	\$86.63	Yes	\$41.52	-\$45.11
233	1-Nov-09	18	9	\$315.95	Yes	\$41.52	-\$274.43
234	1-Nov-09	18	9	\$315.95	Yes	\$46.02	-\$269.93
235	1-Nov-09	18	10	\$54.07	Yes	\$41.52	-\$12.55
236	1-Nov-09	18	10	\$54.07	Yes	\$46.02	-\$8.05
237	1-Nov-09	18	11	\$58.65	Yes	\$46.02	-\$12.63
238	1-Nov-09	18	11	\$58.65	Yes	\$41.52	-\$17.13
239	1-Nov-09	18	12	\$55.45	Yes	\$41.52	-\$13.93
240	1-Nov-09	18	12	\$55.45	Yes	\$46.02	-\$9.43
241	1-Nov-09	19	1	\$46.25	Yes	\$46.02	-\$0.23
242	1-Nov-09	19	1	\$46.25	Yes	\$41.52	-\$4.73
243	1-Nov-09	19	2	\$46.25	Yes	\$41.52	-\$4.73

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
244	1-Nov-09	19	2	\$46.25	Yes	\$46.02	-\$0.23
245	1-Nov-09	19	3	\$46.25	Yes	\$41.52	-\$4.73
246	1-Nov-09	19	3	\$46.25	Yes	\$46.02	-\$0.23
247	1-Nov-09	19	4	\$49.90	Yes	\$41.52	-\$8.38
248	1-Nov-09	19	4	\$49.90	Yes	\$46.02	-\$3.88
249	1-Nov-09	19	5	\$42.58	Yes	\$46.02	\$3.44
250	1-Nov-09	19	5	\$42.58	Yes	\$41.52	-\$1.06
251	1-Nov-09	19	6	\$45.90	Yes	\$41.52	-\$4.38
252	1-Nov-09	19	6	\$45.90	Yes	\$46.02	\$0.12
253	1-Nov-09	19	7	\$42.58	Yes	\$46.02	\$3.44
254	1-Nov-09	19	7	\$42.58	Yes	\$41.52	-\$1.06
255	1-Nov-09	19	8	\$41.26	Yes	\$46.02	\$4.76
256	1-Nov-09	19	8	\$41.26	Yes	\$41.52	\$0.26
257	1-Nov-09	19	9	\$37.90	Yes	\$46.02	\$8.12
258	1-Nov-09	19	9	\$37.90	Yes	\$41.52	\$3.62
259	1-Nov-09	19	10	\$38.02	Yes	\$41.52	\$3.50
260	1-Nov-09	19	10	\$38.02	Yes	\$46.02	\$8.00
261	1-Nov-09	19	11	\$38.02	Yes	\$41.52	\$3.50
262	1-Nov-09	19	11	\$38.02	Yes	\$46.02	\$8.00
263	1-Nov-09	19	12	\$38.02	Yes	\$46.02	\$8.00
264	1-Nov-09	19	12	\$38.02	Yes	\$41.52	\$3.50
265	1-Nov-09	20	1	\$42.53	Yes	\$46.02	\$3.49
266	1-Nov-09	20	1	\$42.53	Yes	\$41.52	-\$1.01
267	1-Nov-09	20	2	\$40.92	Yes	\$41.52	\$0.60
268	1-Nov-09	20	2	\$40.92	Yes	\$46.02	\$5.10
269	1-Nov-09	20	3	\$40.92	Yes	\$41.52	\$0.60
270	1-Nov-09	20	3	\$40.92	Yes	\$46.02	\$5.10
271	1-Nov-09	20	4	\$37.79	Yes	\$46.02	\$8.23
272	1-Nov-09	20	4	\$37.79	Yes	\$41.52	\$3.73
273	1-Nov-09	20	5	\$39.85	Yes	\$46.02	\$6.17
274	1-Nov-09	20	5	\$39.85	Yes	\$41.52	\$1.67
275	1-Nov-09	20	6	\$40.93	Yes	\$46.02	\$5.09
276	1-Nov-09	20	6	\$40.93	Yes	\$41.52	\$0.59
277	1-Nov-09	20	7	\$46.23	Yes	\$46.02	-\$0.21
278	1-Nov-09	20	7	\$46.23	Yes	\$41.52	-\$4.71
279	1-Nov-09	20	8	\$42.60	Yes	\$46.02	\$3.42
280	1-Nov-09	20	8	\$42.60	Yes	\$41.52	-\$1.08
281	1-Nov-09	20	9	\$42.99	Yes	\$41.52	-\$1.47
282	1-Nov-09	20	9	\$42.99	Yes	\$46.02	\$3.03
283	1-Nov-09	20	10	\$46.26	Yes	\$41.52	-\$4.74
284	1-Nov-09	20	10	\$46.26	Yes	\$46.02	-\$0.24
285	1-Nov-09	20	11	\$40.98	Yes	\$41.52	\$0.54
286	1-Nov-09	20	11	\$40.98	Yes	\$46.02	\$5.04
287	1-Nov-09	20	12	\$41.09	Yes	\$46.02	\$4.93
288	1-Nov-09	20	12	\$41.09	Yes	\$41.52	\$0.43

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
289	1-Nov-09	21	1	\$48.70	Yes	\$41.52	-\$7.18
290	1-Nov-09	21	1	\$48.70	Yes	\$46.02	-\$2.68
291	1-Nov-09	21	2	\$47.98	Yes	\$46.02	-\$1.96
292	1-Nov-09	21	2	\$47.98	Yes	\$41.52	-\$6.46
293	1-Nov-09	21	3	\$47.98	Yes	\$41.52	-\$6.46
294	1-Nov-09	21	3	\$47.98	Yes	\$46.02	-\$1.96
295	1-Nov-09	21	4	\$42.08	Yes	\$41.52	-\$0.56
296	1-Nov-09	21	4	\$42.08	Yes	\$46.02	\$3.94
297	1-Nov-09	21	5	\$37.75	Yes	\$41.52	\$3.77
298	1-Nov-09	21	5	\$37.75	Yes	\$46.02	\$8.27
299	1-Nov-09	21	6	\$37.75	Yes	\$41.52	\$3.77
300	1-Nov-09	21	6	\$37.75	Yes	\$46.02	\$8.27
301	1-Nov-09	21	7	\$37.80	Yes	\$46.02	\$8.22
302	1-Nov-09	21	7	\$37.80	Yes	\$41.52	\$3.72
303	1-Nov-09	21	8	\$36.63	Yes	\$41.52	\$4.89
304	1-Nov-09	21	8	\$36.63	Yes	\$46.02	\$9.39
305	1-Nov-09	21	9	\$34.99	Yes	\$41.52	\$6.53
306	1-Nov-09	21	9	\$34.99	Yes	\$46.02	\$11.03
307	1-Nov-09	21	10	\$34.68	Yes	\$41.52	\$6.84
308	1-Nov-09	21	10	\$34.68	Yes	\$46.02	\$11.34
309	1-Nov-09	21	11	\$32.91	Yes	\$41.52	\$8.61
310	1-Nov-09	21	11	\$32.91	Yes	\$46.02	\$13.11
311	1-Nov-09	21	12	\$32.22	Yes	\$46.02	\$13.80
312	1-Nov-09	21	12	\$32.22	Yes	\$41.52	\$9.30
313	1-Nov-09	22	1	\$35.96	Yes	\$41.52	\$5.56
314	1-Nov-09	22	1	\$35.96	Yes	\$46.02	\$10.06
315	1-Nov-09	22	2	\$35.35	Yes	\$46.02	\$10.67
316	1-Nov-09	22	2	\$35.35	Yes	\$41.52	\$6.17
317	1-Nov-09	22	3	\$33.02	Yes	\$46.02	\$13.00
318	1-Nov-09	22	3	\$33.02	Yes	\$41.52	\$8.50
319	1-Nov-09	22	4	\$32.62	Yes	\$46.02	\$13.40
320	1-Nov-09	22	4	\$32.62	Yes	\$41.52	\$8.90
321	1-Nov-09	22	5	\$29.63	Yes	\$46.02	\$16.39
322	1-Nov-09	22	5	\$29.63	Yes	\$41.52	\$11.89
323	1-Nov-09	22	6	\$29.63	Yes	\$46.02	\$16.39
324	1-Nov-09	22	6	\$29.63	Yes	\$41.52	\$11.89
325	1-Nov-09	22	7	\$28.94	Yes	\$46.02	\$17.08
326	1-Nov-09	22	7	\$28.94	Yes	\$41.52	\$12.58
327	1-Nov-09	22	8	\$27.19	Yes	\$41.52	\$14.33
328	1-Nov-09	22	8	\$27.19	Yes	\$46.02	\$18.83
329	1-Nov-09	22	9	\$26.37	Yes	\$41.52	\$15.15
330	1-Nov-09	22	9	\$26.37	Yes	\$46.02	\$19.65
331	1-Nov-09	22	10	\$22.98	Yes	\$41.52	\$18.54
332	1-Nov-09	22	10	\$22.98	Yes	\$46.02	\$23.04
333	1-Nov-09	22	11	\$17.91	Yes	\$46.02	\$28.11



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
334	1-Nov-09	22	11	\$17.91	Yes	\$41.52	\$23.61
335	1-Nov-09	22	12	\$18.76	Yes	\$41.52	\$22.76
336	1-Nov-09	22	12	\$18.76	Yes	\$46.02	\$27.26
337	1-Nov-09	23	1	\$31.72	Yes	\$41.52	\$9.80
338	1-Nov-09	23	2	\$29.73	Yes	\$41.52	\$11.79
339	1-Nov-09	23	3	\$27.89	Yes	\$41.52	\$13.63
340	1-Nov-09	23	4	\$22.86	Yes	\$41.52	\$18.66
341	1-Nov-09	23	5	\$23.01	Yes	\$41.52	\$18.51
342	1-Nov-09	23	6	\$21.35	Yes	\$41.52	\$20.17
343	1-Nov-09	23	7	\$21.94	Yes	\$41.52	\$19.58
344	1-Nov-09	23	8	\$20.46	Yes	\$41.52	\$21.06
345	1-Nov-09	23	9	\$12.65	Yes	\$41.52	\$28.87
346	1-Nov-09	23	10	\$15.82	Yes	\$41.52	\$25.70
347	1-Nov-09	23	11	\$9.95	Yes	\$41.52	\$31.57
348	1-Nov-09	23	12	\$9.85	Yes	\$41.52	\$31.67
349	1-Nov-09	24	1	\$33.90	Yes	\$41.52	\$7.62
350	1-Nov-09	24	2	\$31.69	Yes	\$41.52	\$9.83
351	1-Nov-09	24	3	\$29.54	Yes	\$41.52	\$11.98
352	1-Nov-09	24	4	\$29.46	Yes	\$41.52	\$12.06
353	1-Nov-09	24	5	\$26.83	Yes	\$41.52	\$14.69
354	1-Nov-09	24	6	\$23.86	Yes	\$41.52	\$17.66
355	1-Nov-09	24	7	\$26.75	Yes	\$41.52	\$14.77
356	1-Nov-09	24	8	\$25.82	Yes	\$41.52	\$15.70
357	1-Nov-09	24	9	\$1.03	Yes	\$41.52	\$40.49
358	1-Nov-09	24	10	\$1.04	Yes	\$41.52	\$40.48
359	1-Nov-09	24	11	\$1.04	Yes	\$41.52	\$40.48
360	1-Nov-09	24	12	\$27.20	Yes	\$41.52	\$14.32
361	2-Nov-09	3	1	\$31.56	Yes	\$41.52	\$9.96
362	2-Nov-09	3	2	\$32.40	Yes	\$41.52	\$9.12
363	2-Nov-09	3	3	\$31.56	Yes	\$41.52	\$9.96
364	2-Nov-09	3	4	\$32.28	Yes	\$41.52	\$9.24
365	2-Nov-09	3	5	\$32.28	Yes	\$41.52	\$9.24
366	2-Nov-09	3	6	\$32.28	Yes	\$41.52	\$9.24
367	2-Nov-09	3	7	\$31.51	Yes	\$41.52	\$10.01
368	2-Nov-09	3	8	\$32.23	Yes	\$41.52	\$9.29
369	2-Nov-09	3	9	\$32.23	Yes	\$41.52	\$9.29
370	2-Nov-09	3	10	\$34.90	Yes	\$41.52	\$6.62
371	2-Nov-09	3	11	\$32.99	Yes	\$41.52	\$8.53
372	2-Nov-09	3	12	\$32.65	Yes	\$41.52	\$8.87
373	2-Nov-09	4	1	\$31.44	Yes	\$41.52	\$10.08
374	2-Nov-09	4	2	\$31.61	Yes	\$41.52	\$9.91
375	2-Nov-09	4	3	\$31.45	Yes	\$41.52	\$10.07
376	2-Nov-09	4	4	\$32.21	Yes	\$41.52	\$9.31
377	2-Nov-09	4	5	\$32.21	Yes	\$41.52	\$9.31
378	2-Nov-09	4	6	\$32.21	Yes	\$41.52	\$9.31

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
379	2-Nov-09	4	7	\$32.37	Yes	\$41.52	\$9.15
380	2-Nov-09	4	8	\$32.37	Yes	\$41.52	\$9.15
381	2-Nov-09	4	9	\$32.37	Yes	\$41.52	\$9.15
382	2-Nov-09	4	10	\$32.30	Yes	\$41.52	\$9.22
383	2-Nov-09	4	11	\$32.20	Yes	\$41.52	\$9.32
384	2-Nov-09	4	12	\$32.20	Yes	\$41.52	\$9.32
385	2-Nov-09	5	1	\$31.48	Yes	\$41.52	\$10.04
386	2-Nov-09	5	2	\$31.49	Yes	\$41.52	\$10.03
387	2-Nov-09	5	3	\$31.85	Yes	\$41.52	\$9.67
388	2-Nov-09	5	4	\$32.04	Yes	\$41.52	\$9.48
389	2-Nov-09	5	5	\$32.12	Yes	\$41.52	\$9.40
390	2-Nov-09	5	6	\$32.13	Yes	\$41.52	\$9.39
391	2-Nov-09	5	7	\$32.23	Yes	\$41.52	\$9.29
392	2-Nov-09	5	8	\$32.38	Yes	\$41.52	\$9.14
393	2-Nov-09	5	9	\$32.38	Yes	\$41.52	\$9.14
394	2-Nov-09	5	10	\$32.43	Yes	\$41.52	\$9.09
395	2-Nov-09	5	11	\$34.27	Yes	\$41.52	\$7.25
396	2-Nov-09	5	12	\$29.30	Yes	\$41.52	\$12.22
397	2-Nov-09	6	1	\$1.02	Yes	\$41.52	\$40.50
398	2-Nov-09	6	2	\$1.01	Yes	\$41.52	\$40.51
399	2-Nov-09	6	3	\$32.27	Yes	\$41.52	\$9.25
400	2-Nov-09	6	4	\$32.48	Yes	\$41.52	\$9.04
401	2-Nov-09	6	5	\$32.65	Yes	\$41.52	\$8.87
402	2-Nov-09	6	6	\$34.79	Yes	\$41.52	\$6.73
403	2-Nov-09	6	7	\$31.79	Yes	\$41.52	\$9.73
404	2-Nov-09	6	8	\$32.56	Yes	\$41.52	\$8.96
405	2-Nov-09	6	9	\$34.26	Yes	\$41.52	\$7.26
406	2-Nov-09	6	10	\$35.74	Yes	\$41.52	\$5.78
407	2-Nov-09	6	11	\$37.50	Yes	\$41.52	\$4.02
408	2-Nov-09	6	12	\$36.86	Yes	\$41.52	\$4.66
409	2-Nov-09	7	1	-\$18.58	Yes	\$41.52	\$60.10
410	2-Nov-09	7	2	-\$78.27	Yes	\$41.52	\$119.79
411	2-Nov-09	7	3	\$27.58	Yes	\$41.52	\$13.94
412	2-Nov-09	7	4	\$33.27	Yes	\$41.52	\$8.25
413	2-Nov-09	7	5	\$34.58	Yes	\$41.52	\$6.94
414	2-Nov-09	7	6	\$35.82	Yes	\$41.52	\$5.70
415	2-Nov-09	7	7	-\$69.80	Yes	\$41.52	\$111.32
416	2-Nov-09	7	8	\$30.11	Yes	\$41.52	\$11.41
417	2-Nov-09	7	9	\$11.39	Yes	\$41.52	\$30.13
418	2-Nov-09	7	10	\$32.11	Yes	\$41.52	\$9.41
419	2-Nov-09	7	11	\$32.11	Yes	\$41.52	\$9.41
420	2-Nov-09	7	12	\$32.95	Yes	\$41.52	\$8.57
421	2-Nov-09	8	1	\$22.68	Yes	\$41.52	\$18.84
422	2-Nov-09	8	2	\$30.39	Yes	\$41.52	\$11.13
423	2-Nov-09	8	3	\$30.08	Yes	\$41.52	\$11.44

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
424	2-Nov-09	8	4	\$30.66	Yes	\$41.52	\$10.86
425	2-Nov-09	8	5	\$32.68	Yes	\$41.52	\$8.84
426	2-Nov-09	8	6	\$34.92	Yes	\$41.52	\$6.60
427	2-Nov-09	8	7	\$44.89	Yes	\$41.52	-\$3.37
428	2-Nov-09	8	8	\$39.60	Yes	\$41.52	\$1.92
429	2-Nov-09	8	9	\$37.86	Yes	\$41.52	\$3.66
430	2-Nov-09	8	10	\$42.96	Yes	\$41.52	-\$1.44
431	2-Nov-09	8	11	\$43.94	Yes	\$41.52	-\$2.42
432	2-Nov-09	8	12	\$44.86	Yes	\$41.52	-\$3.34
433	2-Nov-09	9	1	\$38.35	Yes	\$41.52	\$3.17
434	2-Nov-09	9	2	\$36.05	Yes	\$41.52	\$5.47
435	2-Nov-09	9	3	\$36.28	Yes	\$41.52	\$5.24
436	2-Nov-09	9	4	\$44.93	Yes	\$41.52	-\$3.41
437	2-Nov-09	9	5	\$44.93	Yes	\$41.52	-\$3.41
438	2-Nov-09	9	6	\$44.93	Yes	\$41.52	-\$3.41
439	2-Nov-09	9	7	\$44.97	Yes	\$41.52	-\$3.45
440	2-Nov-09	9	8	\$44.97	Yes	\$41.52	-\$3.45
441	2-Nov-09	9	9	\$46.12	Yes	\$41.52	-\$4.60
442	2-Nov-09	9	10	\$45.03	Yes	\$41.52	-\$3.51
443	2-Nov-09	9	11	\$45.03	Yes	\$41.52	-\$3.51
444	2-Nov-09	9	12	\$45.03	Yes	\$41.52	-\$3.51
445	2-Nov-09	10	1	\$39.46	Yes	\$41.52	\$2.06
446	2-Nov-09	10	2	\$37.41	Yes	\$41.52	\$4.11
447	2-Nov-09	10	3	\$35.96	Yes	\$41.52	\$5.56
448	2-Nov-09	10	4	\$39.66	Yes	\$41.52	\$1.86
449	2-Nov-09	10	5	\$40.42	Yes	\$41.52	\$1.10
450	2-Nov-09	10	6	\$45.44	Yes	\$41.52	-\$3.92
451	2-Nov-09	10	7	\$45.60	Yes	\$41.52	-\$4.08
452	2-Nov-09	10	8	\$46.37	Yes	\$41.52	-\$4.85
453	2-Nov-09	10	9	\$46.37	Yes	\$41.52	-\$4.85
454	2-Nov-09	10	10	\$46.39	Yes	\$41.52	-\$4.87
455	2-Nov-09	10	11	\$49.43	Yes	\$41.52	-\$7.91
456	2-Nov-09	10	12	\$48.15	Yes	\$41.52	-\$6.63
457	2-Nov-09	11	1	\$48.10	Yes	\$41.52	-\$6.58
458	2-Nov-09	11	2	\$54.89	Yes	\$41.52	-\$13.37
459	2-Nov-09	11	3	\$54.89	Yes	\$41.52	-\$13.37
460	2-Nov-09	11	4	\$55.71	Yes	\$41.52	-\$14.19
461	2-Nov-09	11	5	\$62.66	Yes	\$41.52	-\$21.14
462	2-Nov-09	11	6	\$65.78	Yes	\$41.52	-\$24.26
463	2-Nov-09	11	7	\$50.64	Yes	\$41.52	-\$9.12
464	2-Nov-09	11	8	\$55.17	Yes	\$41.52	-\$13.65
465	2-Nov-09	11	9	\$55.17	Yes	\$41.52	-\$13.65
466	2-Nov-09	11	10	\$63.16	Yes	\$41.52	-\$21.64
467	2-Nov-09	11	11	\$55.72	Yes	\$41.52	-\$14.20
468	2-Nov-09	11	12	\$47.34	Yes	\$41.52	-\$5.82

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
469	2-Nov-09	12	1	\$50.48	Yes	\$41.52	-\$8.96
470	2-Nov-09	12	2	\$48.01	Yes	\$41.52	-\$6.49
471	2-Nov-09	12	3	\$46.33	Yes	\$41.52	-\$4.81
472	2-Nov-09	12	4	\$46.21	Yes	\$41.52	-\$4.69
473	2-Nov-09	12	5	\$46.21	Yes	\$41.52	-\$4.69
474	2-Nov-09	12	6	\$46.96	Yes	\$41.52	-\$5.44
475	2-Nov-09	12	7	\$46.96	Yes	\$41.52	-\$5.44
476	2-Nov-09	12	8	\$47.27	Yes	\$41.52	-\$5.75
477	2-Nov-09	12	9	\$47.93	Yes	\$41.52	-\$6.41
478	2-Nov-09	12	10	\$48.50	Yes	\$41.52	-\$6.98
479	2-Nov-09	12	11	\$54.58	Yes	\$41.52	-\$13.06
480	2-Nov-09	12	12	\$50.52	Yes	\$41.52	-\$9.00
481	2-Nov-09	13	1	\$50.59	Yes	\$41.52	-\$9.07
482	2-Nov-09	13	2	\$54.66	Yes	\$41.52	-\$13.14
483	2-Nov-09	13	3	\$54.66	Yes	\$41.52	-\$13.14
484	2-Nov-09	13	4	\$56.44	Yes	\$41.52	-\$14.92
485	2-Nov-09	13	5	\$55.35	Yes	\$41.52	-\$13.83
486	2-Nov-09	13	6	\$54.54	Yes	\$41.52	-\$13.02
487	2-Nov-09	13	7	\$50.90	Yes	\$41.52	-\$9.38
488	2-Nov-09	13	8	\$50.58	Yes	\$41.52	-\$9.06
489	2-Nov-09	13	9	\$50.58	Yes	\$41.52	-\$9.06
490	2-Nov-09	13	10	\$50.66	Yes	\$41.52	-\$9.14
491	2-Nov-09	13	11	\$50.66	Yes	\$41.52	-\$9.14
492	2-Nov-09	13	12	\$50.60	Yes	\$41.52	-\$9.08
493	2-Nov-09	14	1	\$47.86	Yes	\$41.52	-\$6.34
494	2-Nov-09	14	2	\$47.86	Yes	\$41.52	-\$6.34
495	2-Nov-09	14	3	\$47.86	Yes	\$41.52	-\$6.34
496	2-Nov-09	14	4	\$50.70	Yes	\$41.52	-\$9.18
497	2-Nov-09	14	5	\$48.10	Yes	\$41.52	-\$6.58
498	2-Nov-09	14	6	\$48.10	Yes	\$41.52	-\$6.58
499	2-Nov-09	14	7	\$54.71	Yes	\$41.52	-\$13.19
500	2-Nov-09	14	8	\$50.60	Yes	\$41.52	-\$9.08
501	2-Nov-09	14	9	\$50.60	Yes	\$41.52	-\$9.08
502	2-Nov-09	14	10	\$48.08	Yes	\$41.52	-\$6.56
503	2-Nov-09	14	11	\$50.67	Yes	\$41.52	-\$9.15
504	2-Nov-09	14	12	\$47.97	Yes	\$41.52	-\$6.45
505	2-Nov-09	15	1	\$50.34	Yes	\$41.52	-\$8.82
506	2-Nov-09	15	2	\$50.34	Yes	\$41.52	-\$8.82
507	2-Nov-09	15	3	\$50.34	Yes	\$41.52	-\$8.82
508	2-Nov-09	15	4	\$50.34	Yes	\$41.52	-\$8.82
509	2-Nov-09	15	5	\$50.34	Yes	\$41.52	-\$8.82
510	2-Nov-09	15	6	\$50.34	Yes	\$41.52	-\$8.82
511	2-Nov-09	15	7	\$49.51	Yes	\$41.52	-\$7.99
512	2-Nov-09	15	7	\$49.51	Yes	\$46.02	-\$3.49
513	2-Nov-09	15	8	\$48.50	Yes	\$41.52	-\$6.98

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
514	2-Nov-09	15	8	\$48.50	Yes	\$46.02	-\$2.48
515	2-Nov-09	15	9	\$49.56	Yes	\$46.02	-\$3.54
516	2-Nov-09	15	9	\$49.56	Yes	\$41.52	-\$8.04
517	2-Nov-09	15	10	\$49.81	Yes	\$46.02	-\$3.79
518	2-Nov-09	15	10	\$49.81	Yes	\$41.52	-\$8.29
519	2-Nov-09	15	11	\$47.92	Yes	\$41.52	-\$6.40
520	2-Nov-09	15	11	\$47.92	Yes	\$46.02	-\$1.90
521	2-Nov-09	15	12	\$49.81	Yes	\$41.52	-\$8.29
522	2-Nov-09	15	12	\$49.81	Yes	\$46.02	-\$3.79
523	2-Nov-09	16	1	\$50.62	Yes	\$41.52	-\$9.10
524	2-Nov-09	16	1	\$50.62	Yes	\$46.02	-\$4.60
525	2-Nov-09	16	2	\$50.62	Yes	\$41.52	-\$9.10
526	2-Nov-09	16	2	\$50.62	Yes	\$46.02	-\$4.60
527	2-Nov-09	16	3	\$47.47	Yes	\$41.52	-\$5.95
528	2-Nov-09	16	3	\$47.47	Yes	\$46.02	-\$1.45
529	2-Nov-09	16	4	\$47.34	Yes	\$46.02	-\$1.32
530	2-Nov-09	16	4	\$47.34	Yes	\$41.52	-\$5.82
531	2-Nov-09	16	5	\$45.49	Yes	\$41.52	-\$3.97
532	2-Nov-09	16	5	\$45.49	Yes	\$46.02	\$0.53
533	2-Nov-09	16	6	\$47.34	Yes	\$41.52	-\$5.82
534	2-Nov-09	16	6	\$47.34	Yes	\$46.02	-\$1.32
535	2-Nov-09	16	7	\$45.89	Yes	\$41.52	-\$4.37
536	2-Nov-09	16	7	\$45.89	Yes	\$46.02	\$0.13
537	2-Nov-09	16	8	\$45.89	Yes	\$46.02	\$0.13
538	2-Nov-09	16	8	\$45.89	Yes	\$41.52	-\$4.37
539	2-Nov-09	16	9	\$47.27	Yes	\$46.02	-\$1.25
540	2-Nov-09	16	9	\$47.27	Yes	\$41.52	-\$5.75
541	2-Nov-09	16	10	\$46.97	Yes	\$41.52	-\$5.45
542	2-Nov-09	16	10	\$46.97	Yes	\$46.02	-\$0.95
543	2-Nov-09	16	11	\$46.04	Yes	\$46.02	-\$0.02
544	2-Nov-09	16	11	\$46.04	Yes	\$41.52	-\$4.52
545	2-Nov-09	16	12	\$46.97	Yes	\$46.02	-\$0.95
546	2-Nov-09	16	12	\$46.97	Yes	\$41.52	-\$5.45
547	2-Nov-09	17	1	\$46.77	Yes	\$41.52	-\$5.25
548	2-Nov-09	17	1	\$46.77	Yes	\$46.02	-\$0.75
549	2-Nov-09	17	2	\$46.37	Yes	\$41.52	-\$4.85
550	2-Nov-09	17	2	\$46.37	Yes	\$46.02	-\$0.35
551	2-Nov-09	17	3	\$46.37	Yes	\$46.02	-\$0.35
552	2-Nov-09	17	3	\$46.37	Yes	\$41.52	-\$4.85
553	2-Nov-09	17	4	\$46.23	Yes	\$46.02	-\$0.21
554	2-Nov-09	17	4	\$46.23	Yes	\$41.52	-\$4.71
555	2-Nov-09	17	5	\$46.23	Yes	\$46.02	-\$0.21
556	2-Nov-09	17	5	\$46.23	Yes	\$41.52	-\$4.71
557	2-Nov-09	17	6	\$42.80	Yes	\$41.52	-\$1.28
558	2-Nov-09	17	6	\$42.80	Yes	\$46.02	\$3.22

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
559	2-Nov-09	17	7	\$45.96	Yes	\$41.52	-\$4.44
560	2-Nov-09	17	7	\$45.96	Yes	\$46.02	\$0.06
561	2-Nov-09	17	8	\$45.96	Yes	\$41.52	-\$4.44
562	2-Nov-09	17	8	\$45.96	Yes	\$46.02	\$0.06
563	2-Nov-09	17	9	\$45.96	Yes	\$41.52	-\$4.44
564	2-Nov-09	17	9	\$45.96	Yes	\$46.02	\$0.06
565	2-Nov-09	17	10	\$46.03	Yes	\$41.52	-\$4.51
566	2-Nov-09	17	10	\$46.03	Yes	\$46.02	-\$0.01
567	2-Nov-09	17	11	\$46.65	Yes	\$41.52	-\$5.13
568	2-Nov-09	17	11	\$46.65	Yes	\$46.02	-\$0.63
569	2-Nov-09	17	12	\$46.03	Yes	\$41.52	-\$4.51
570	2-Nov-09	17	12	\$46.03	Yes	\$46.02	-\$0.01
571	2-Nov-09	18	1	\$36.38	Yes	\$46.02	\$9.64
572	2-Nov-09	18	1	\$36.38	Yes	\$41.52	\$5.14
573	2-Nov-09	18	2	\$36.38	Yes	\$41.52	\$5.14
574	2-Nov-09	18	2	\$36.38	Yes	\$46.02	\$9.64
575	2-Nov-09	18	3	\$40.22	Yes	\$41.52	\$1.30
576	2-Nov-09	18	3	\$40.22	Yes	\$46.02	\$5.80
577	2-Nov-09	18	4	\$51.25	Yes	\$46.02	-\$5.23
578	2-Nov-09	18	4	\$51.25	Yes	\$41.52	-\$9.73
579	2-Nov-09	18	5	\$72.13	Yes	\$41.52	-\$30.61
580	2-Nov-09	18	5	\$72.13	Yes	\$46.02	-\$26.11
581	2-Nov-09	18	6	\$51.25	Yes	\$41.52	-\$9.73
582	2-Nov-09	18	6	\$51.25	Yes	\$46.02	-\$5.23
583	2-Nov-09	18	7	\$81.00	Yes	\$46.02	-\$34.98
584	2-Nov-09	18	7	\$81.00	Yes	\$41.52	-\$39.48
585	2-Nov-09	18	8	\$81.00	Yes	\$46.02	-\$34.98
586	2-Nov-09	18	8	\$81.00	Yes	\$41.52	-\$39.48
587	2-Nov-09	18	9	\$455.55	Yes	\$41.52	-\$414.03
588	2-Nov-09	18	9	\$455.55	Yes	\$46.02	-\$409.53
589	2-Nov-09	18	10	\$76.43	Yes	\$41.52	-\$34.91
590	2-Nov-09	18	10	\$76.43	Yes	\$46.02	-\$30.41
591	2-Nov-09	18	11	\$72.07	Yes	\$41.52	-\$30.55
592	2-Nov-09	18	11	\$72.07	Yes	\$46.02	-\$26.05
593	2-Nov-09	18	12	\$56.29	Yes	\$41.52	-\$14.77
594	2-Nov-09	18	12	\$56.29	Yes	\$46.02	-\$10.27
595	2-Nov-09	19	1	\$50.64	Yes	\$46.02	-\$4.62
596	2-Nov-09	19	1	\$50.64	Yes	\$41.52	-\$9.12
597	2-Nov-09	19	2	\$50.64	Yes	\$41.52	-\$9.12
598	2-Nov-09	19	2	\$50.64	Yes	\$46.02	-\$4.62
599	2-Nov-09	19	3	\$35.36	Yes	\$41.52	\$6.16
600	2-Nov-09	19	3	\$35.36	Yes	\$46.02	\$10.66
601	2-Nov-09	19	4	\$42.60	Yes	\$41.52	-\$1.08
602	2-Nov-09	19	4	\$42.60	Yes	\$46.02	\$3.42
603	2-Nov-09	19	5	\$35.74	Yes	\$41.52	\$5.78

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
604	2-Nov-09	19	5	\$35.74	Yes	\$46.02	\$10.28
605	2-Nov-09	19	6	\$35.74	Yes	\$46.02	\$10.28
606	2-Nov-09	19	6	\$35.74	Yes	\$41.52	\$5.78
607	2-Nov-09	19	7	\$32.09	Yes	\$41.52	\$9.43
608	2-Nov-09	19	7	\$32.09	Yes	\$46.02	\$13.93
609	2-Nov-09	19	8	\$34.70	Yes	\$46.02	\$11.32
610	2-Nov-09	19	8	\$34.70	Yes	\$41.52	\$6.82
611	2-Nov-09	19	9	\$36.04	Yes	\$46.02	\$9.98
612	2-Nov-09	19	9	\$36.04	Yes	\$41.52	\$5.48
613	2-Nov-09	19	10	\$35.78	Yes	\$46.02	\$10.24
614	2-Nov-09	19	10	\$35.78	Yes	\$41.52	\$5.74
615	2-Nov-09	19	11	\$35.78	Yes	\$46.02	\$10.24
616	2-Nov-09	19	11	\$35.78	Yes	\$41.52	\$5.74
617	2-Nov-09	19	12	\$34.60	Yes	\$41.52	\$6.92
618	2-Nov-09	19	12	\$34.60	Yes	\$46.02	\$11.42
619	2-Nov-09	20	1	\$45.32	Yes	\$46.02	\$0.70
620	2-Nov-09	20	1	\$45.32	Yes	\$41.52	-\$3.80
621	2-Nov-09	20	2	\$40.65	Yes	\$46.02	\$5.37
622	2-Nov-09	20	2	\$40.65	Yes	\$41.52	\$0.87
623	2-Nov-09	20	3	\$39.48	Yes	\$46.02	\$6.54
624	2-Nov-09	20	3	\$39.48	Yes	\$41.52	\$2.04
625	2-Nov-09	20	4	\$42.68	Yes	\$41.52	-\$1.16
626	2-Nov-09	20	4	\$42.68	Yes	\$46.02	\$3.34
627	2-Nov-09	20	5	\$46.39	Yes	\$46.02	-\$0.37
628	2-Nov-09	20	5	\$46.39	Yes	\$41.52	-\$4.87
629	2-Nov-09	20	6	\$46.02	Yes	\$41.52	-\$4.50
630	2-Nov-09	20	6	\$46.02	Yes	\$46.02	\$0.00
631	2-Nov-09	20	7	\$46.02	Yes	\$46.02	\$0.00
632	2-Nov-09	20	7	\$46.02	Yes	\$41.52	-\$4.50
633	2-Nov-09	20	8	\$42.67	Yes	\$46.02	\$3.35
634	2-Nov-09	20	8	\$42.67	Yes	\$41.52	-\$1.15
635	2-Nov-09	20	9	\$46.37	Yes	\$41.52	-\$4.85
636	2-Nov-09	20	9	\$46.37	Yes	\$46.02	-\$0.35
637	2-Nov-09	20	10	\$50.66	Yes	\$41.52	-\$9.14
638	2-Nov-09	20	10	\$50.66	Yes	\$46.02	-\$4.64
639	2-Nov-09	20	11	\$47.51	Yes	\$46.02	-\$1.49
640	2-Nov-09	20	11	\$47.51	Yes	\$41.52	-\$5.99
641	2-Nov-09	20	12	\$44.24	Yes	\$46.02	\$1.78
642	2-Nov-09	20	12	\$44.24	Yes	\$41.52	-\$2.72
643	2-Nov-09	21	1	\$49.78	Yes	\$41.52	-\$8.26
644	2-Nov-09	21	1	\$49.78	Yes	\$46.02	-\$3.76
645	2-Nov-09	21	2	\$49.78	Yes	\$41.52	-\$8.26
646	2-Nov-09	21	2	\$49.78	Yes	\$46.02	-\$3.76
647	2-Nov-09	21	3	\$47.46	Yes	\$46.02	-\$1.44
648	2-Nov-09	21	3	\$47.46	Yes	\$41.52	-\$5.94

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
649	2-Nov-09	21	4	\$43.76	Yes	\$41.52	-\$2.24
650	2-Nov-09	21	4	\$43.76	Yes	\$46.02	\$2.26
651	2-Nov-09	21	5	\$47.86	Yes	\$46.02	-\$1.84
652	2-Nov-09	21	5	\$47.86	Yes	\$41.52	-\$6.34
653	2-Nov-09	21	6	\$44.63	Yes	\$41.52	-\$3.11
654	2-Nov-09	21	6	\$44.63	Yes	\$46.02	\$1.39
655	2-Nov-09	21	7	\$40.23	Yes	\$46.02	\$5.79
656	2-Nov-09	21	7	\$40.23	Yes	\$41.52	\$1.29
657	2-Nov-09	21	8	\$35.92	Yes	\$46.02	\$10.10
658	2-Nov-09	21	8	\$35.92	Yes	\$41.52	\$5.60
659	2-Nov-09	21	9	\$35.19	Yes	\$41.52	\$6.33
660	2-Nov-09	21	9	\$35.19	Yes	\$46.02	\$10.83
661	2-Nov-09	21	10	\$32.34	Yes	\$41.52	\$9.18
662	2-Nov-09	21	10	\$32.34	Yes	\$46.02	\$13.68
663	2-Nov-09	21	11	\$32.32	Yes	\$46.02	\$13.70
664	2-Nov-09	21	11	\$32.32	Yes	\$41.52	\$9.20
665	2-Nov-09	21	12	\$28.04	Yes	\$46.02	\$17.98
666	2-Nov-09	21	12	\$28.04	Yes	\$41.52	\$13.48
667	2-Nov-09	22	1	\$38.09	Yes	\$41.52	\$3.43
668	2-Nov-09	22	2	\$36.68	Yes	\$41.52	\$4.84
669	2-Nov-09	22	3	\$26.52	Yes	\$41.52	\$15.00
670	2-Nov-09	22	4	\$26.81	Yes	\$41.52	\$14.71
671	2-Nov-09	22	5	\$30.40	Yes	\$41.52	\$11.12
672	2-Nov-09	22	6	\$26.64	Yes	\$41.52	\$14.88
673	2-Nov-09	22	7	-\$108.78	Yes	\$41.52	\$150.30
674	2-Nov-09	22	8	\$18.70	Yes	\$41.52	\$22.82
675	2-Nov-09	22	9	-\$98.49	Yes	\$41.52	\$140.01
676	2-Nov-09	22	10	-\$29.80	Yes	\$41.52	\$71.32
677	2-Nov-09	22	11	-\$96.11	Yes	\$41.52	\$137.63
678	2-Nov-09	22	12	-\$43.20	Yes	\$41.52	\$84.72
679	2-Nov-09	23	1	\$26.22	Yes	\$41.52	\$15.30
680	2-Nov-09	23	2	\$31.49	Yes	\$41.52	\$10.03
681	2-Nov-09	23	3	\$29.70	Yes	\$41.52	\$11.82
682	2-Nov-09	23	4	-\$95.66	Yes	\$41.52	\$137.18
683	2-Nov-09	23	5	-\$80.54	Yes	\$41.52	\$122.06
684	2-Nov-09	23	6	-\$80.54	Yes	\$41.52	\$122.06
685	2-Nov-09	23	7	\$28.01	Yes	\$41.52	\$13.51
686	2-Nov-09	23	8	\$18.01	Yes	\$41.52	\$23.51
687	2-Nov-09	23	9	\$26.17	Yes	\$41.52	\$15.35
688	2-Nov-09	23	10	\$21.83	Yes	\$41.52	\$19.69
689	2-Nov-09	23	11	\$20.82	Yes	\$41.52	\$20.70
690	2-Nov-09	23	12	\$20.65	Yes	\$41.52	\$20.87
691	2-Nov-09	24	1	\$35.93	Yes	\$41.52	\$5.59
692	2-Nov-09	24	2	\$37.16	Yes	\$41.52	\$4.36
693	2-Nov-09	24	3	\$37.16	Yes	\$41.52	\$4.36



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
694	2-Nov-09	24	4	\$28.54	Yes	\$41.52	\$12.98
695	2-Nov-09	24	5	\$31.63	Yes	\$41.52	\$9.89
696	2-Nov-09	24	6	\$35.31	Yes	\$41.52	\$6.21
697	2-Nov-09	24	7	\$35.61	Yes	\$41.52	\$5.91
698	2-Nov-09	24	8	\$31.65	Yes	\$41.52	\$9.87
699	2-Nov-09	24	9	\$31.59	Yes	\$41.52	\$9.93
700	2-Nov-09	24	10	\$32.45	Yes	\$41.52	\$9.07
701	2-Nov-09	24	11	\$32.45	Yes	\$41.52	\$9.07
702	2-Nov-09	24	12	\$29.68	Yes	\$41.52	\$11.84
703	5-Nov-09	17	6	\$34.58	Yes	\$48.90	\$14.32
704	5-Nov-09	17	7	\$40.29	Yes	\$48.90	\$8.61
705	5-Nov-09	17	8	\$40.42	Yes	\$48.90	\$8.48
706	5-Nov-09	17	9	\$44.06	Yes	\$48.90	\$4.84
707	5-Nov-09	17	10	\$43.39	Yes	\$48.90	\$5.51
708	5-Nov-09	17	11	\$45.34	Yes	\$48.90	\$3.56
709	5-Nov-09	17	12	\$47.80	Yes	\$48.90	\$1.10
710	5-Nov-09	18	1	\$32.58	Yes	\$48.90	\$16.32
711	5-Nov-09	18	2	\$35.14	Yes	\$48.90	\$13.76
712	5-Nov-09	18	3	\$36.56	Yes	\$48.90	\$12.34
713	5-Nov-09	18	4	\$45.02	Yes	\$48.90	\$3.88
714	5-Nov-09	18	5	\$58.42	Yes	\$48.90	-\$9.52
715	5-Nov-09	18	6	\$57.60	Yes	\$48.90	-\$8.70
716	5-Nov-09	18	7	\$77.12	Yes	\$48.90	-\$28.22
717	5-Nov-09	18	8	\$74.95	Yes	\$48.90	-\$26.05
718	5-Nov-09	18	9	\$80.69	Yes	\$48.90	-\$31.79
719	5-Nov-09	18	10	\$70.79	Yes	\$48.90	-\$21.89
720	5-Nov-09	18	11	\$78.21	Yes	\$48.90	-\$29.31
721	5-Nov-09	18	12	\$80.58	Yes	\$48.90	-\$31.68
722	5-Nov-09	19	1	\$70.74	Yes	\$48.90	-\$21.84
723	5-Nov-09	19	2	\$61.55	Yes	\$48.90	-\$12.65
724	5-Nov-09	19	3	\$47.57	Yes	\$48.90	\$1.33
725	5-Nov-09	19	4	\$53.21	Yes	\$48.90	-\$4.31
726	5-Nov-09	19	5	\$90.23	Yes	\$48.90	-\$41.33
727	5-Nov-09	19	6	\$79.35	Yes	\$48.90	-\$30.45
728	5-Nov-09	19	7	\$54.08	Yes	\$48.90	-\$5.18
729	5-Nov-09	19	8	\$48.44	Yes	\$48.90	\$0.46
730	5-Nov-09	19	9	\$47.96	Yes	\$48.90	\$0.94
731	5-Nov-09	19	10	\$43.50	Yes	\$48.90	\$5.40
732	5-Nov-09	19	11	\$32.12	Yes	\$48.90	\$16.78
733	5-Nov-09	19	12	\$35.38	Yes	\$48.90	\$13.52
734	5-Nov-09	20	1	\$46.84	Yes	\$48.90	\$2.06
735	5-Nov-09	20	2	\$48.79	Yes	\$48.90	\$0.11
736	5-Nov-09	20	3	\$48.79	Yes	\$48.90	\$0.11
737	5-Nov-09	20	4	\$48.58	Yes	\$48.90	\$0.32
738	5-Nov-09	20	5	\$48.56	Yes	\$48.90	\$0.34

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
739	5-Nov-09	20	6	\$47.55	Yes	\$48.90	\$1.35
740	5-Nov-09	20	7	\$47.96	Yes	\$48.90	\$0.94
741	5-Nov-09	20	8	\$47.96	Yes	\$48.90	\$0.94
742	5-Nov-09	20	9	\$48.31	Yes	\$48.90	\$0.59
743	5-Nov-09	20	10	\$48.36	Yes	\$48.90	\$0.54
744	5-Nov-09	20	11	\$46.43	Yes	\$48.90	\$2.47
745	5-Nov-09	20	12	\$46.43	Yes	\$48.90	\$2.47
746	5-Nov-09	21	1	\$50.65	Yes	\$48.90	-\$1.75
747	5-Nov-09	21	2	\$49.56	Yes	\$48.90	-\$0.66
748	5-Nov-09	21	3	\$47.92	Yes	\$48.90	\$0.98
749	5-Nov-09	21	4	\$47.83	Yes	\$48.90	\$1.07
750	5-Nov-09	21	5	\$47.83	Yes	\$48.90	\$1.07
751	5-Nov-09	21	6	\$47.01	Yes	\$48.90	\$1.89
752	5-Nov-09	21	7	\$45.87	Yes	\$48.90	\$3.03
753	5-Nov-09	21	8	\$37.61	Yes	\$48.90	\$11.29
754	5-Nov-09	21	9	\$37.37	Yes	\$48.90	\$11.53
755	5-Nov-09	21	10	\$35.01	Yes	\$48.90	\$13.89
756	5-Nov-09	21	11	\$34.73	Yes	\$48.90	\$14.17
757	5-Nov-09	21	12	\$34.73	Yes	\$48.90	\$14.17
758	5-Nov-09	22	1	\$45.09	Yes	\$48.90	\$3.81
759	5-Nov-09	22	2	\$46.96	Yes	\$48.90	\$1.94
760	5-Nov-09	22	3	\$45.68	Yes	\$48.90	\$3.22
761	5-Nov-09	22	4	\$43.25	Yes	\$48.90	\$5.65
762	5-Nov-09	22	5	\$35.37	Yes	\$48.90	\$13.53
763	5-Nov-09	22	6	\$35.25	Yes	\$48.90	\$13.65
764	5-Nov-09	22	7	\$31.55	Yes	\$48.90	\$17.35
765	5-Nov-09	22	8	\$32.02	Yes	\$48.90	\$16.88
766	5-Nov-09	22	9	\$29.37	Yes	\$48.90	\$19.53
767	5-Nov-09	22	10	\$28.22	Yes	\$48.90	\$20.68
768	5-Nov-09	22	11	\$28.27	Yes	\$48.90	\$20.63
769	5-Nov-09	22	12	\$24.49	Yes	\$48.90	\$24.41
770	6-Nov-09	16	10	\$37.78	Yes	\$43.85	\$6.07
771	6-Nov-09	16	11	\$37.49	Yes	\$43.85	\$6.36
772	6-Nov-09	16	12	\$37.49	Yes	\$43.85	\$6.36
773	6-Nov-09	17	1	\$36.40	Yes	\$43.85	\$7.45
774	6-Nov-09	17	2	\$35.02	Yes	\$43.85	\$8.83
775	6-Nov-09	17	3	\$33.67	Yes	\$43.85	\$10.18
776	6-Nov-09	17	4	\$31.27	Yes	\$43.85	\$12.58
777	6-Nov-09	17	5	\$31.27	Yes	\$43.85	\$12.58
778	6-Nov-09	17	6	\$34.05	Yes	\$43.85	\$9.80
779	6-Nov-09	17	7	\$36.15	Yes	\$43.85	\$7.70
780	6-Nov-09	17	8	\$35.49	Yes	\$43.85	\$8.36
781	6-Nov-09	17	9	\$37.54	Yes	\$43.85	\$6.31
782	6-Nov-09	17	10	\$33.95	Yes	\$43.85	\$9.90
783	6-Nov-09	17	11	\$37.57	Yes	\$43.85	\$6.28

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
784	6-Nov-09	17	12	\$37.95	Yes	\$43.85	\$5.90
785	6-Nov-09	18	1	\$30.60	Yes	\$43.85	\$13.25
786	6-Nov-09	18	2	\$31.30	Yes	\$43.85	\$12.55
787	6-Nov-09	18	3	\$31.30	Yes	\$43.85	\$12.55
788	6-Nov-09	18	4	\$35.39	Yes	\$43.85	\$8.46
789	6-Nov-09	18	5	\$36.15	Yes	\$43.85	\$7.70
790	6-Nov-09	18	6	\$48.24	Yes	\$43.85	-\$4.39
791	6-Nov-09	18	7	\$90.67	Yes	\$43.85	-\$46.82
792	6-Nov-09	18	8	\$95.35	Yes	\$43.85	-\$51.50
793	6-Nov-09	18	9	\$90.67	Yes	\$43.85	-\$46.82
794	6-Nov-09	18	10	\$84.21	Yes	\$43.85	-\$40.36
795	6-Nov-09	18	11	\$92.87	Yes	\$43.85	-\$49.02
796	6-Nov-09	18	12	\$88.98	Yes	\$43.85	-\$45.13
797	6-Nov-09	19	1	\$93.04	Yes	\$43.85	-\$49.19
798	6-Nov-09	19	2	\$74.00	Yes	\$43.85	-\$30.15
799	6-Nov-09	19	3	\$62.06	Yes	\$43.85	-\$18.21
800	6-Nov-09	19	4	\$55.37	Yes	\$43.85	-\$11.52
801	6-Nov-09	19	5	\$56.39	Yes	\$43.85	-\$12.54
802	6-Nov-09	19	6	\$43.85	Yes	\$43.85	\$0.00
803	6-Nov-09	19	7	\$47.96	Yes	\$43.85	-\$4.11
804	6-Nov-09	19	8	\$39.54	Yes	\$43.85	\$4.31
805	6-Nov-09	19	9	\$38.72	Yes	\$43.85	\$5.13
806	6-Nov-09	19	10	\$38.29	Yes	\$43.85	\$5.56
807	6-Nov-09	19	11	\$35.36	Yes	\$43.85	\$8.49
808	6-Nov-09	19	12	\$35.18	Yes	\$43.85	\$8.67
809	6-Nov-09	20	1	\$45.90	Yes	\$43.85	-\$2.05
810	6-Nov-09	20	2	\$45.97	Yes	\$43.85	-\$2.12
811	6-Nov-09	20	3	\$45.35	Yes	\$43.85	-\$1.50
812	6-Nov-09	20	4	\$44.82	Yes	\$43.85	-\$0.97
813	6-Nov-09	20	5	\$43.10	Yes	\$43.85	\$0.75
814	6-Nov-09	20	6	\$43.18	Yes	\$43.85	\$0.67
815	6-Nov-09	20	7	\$36.61	Yes	\$43.85	\$7.24
816	6-Nov-09	20	8	\$36.61	Yes	\$43.85	\$7.24
817	6-Nov-09	20	9	\$32.85	Yes	\$43.85	\$11.00
818	6-Nov-09	20	10	\$33.78	Yes	\$43.85	\$10.07
819	6-Nov-09	20	11	\$34.31	Yes	\$43.85	\$9.54
820	6-Nov-09	20	12	\$34.31	Yes	\$43.85	\$9.54
821	6-Nov-09	21	1	\$37.21	Yes	\$43.85	\$6.64
822	6-Nov-09	21	2	\$36.97	Yes	\$43.85	\$6.88
823	6-Nov-09	21	3	\$35.92	Yes	\$43.85	\$7.93
824	6-Nov-09	21	4	\$34.62	Yes	\$43.85	\$9.23
825	6-Nov-09	21	5	\$33.44	Yes	\$43.85	\$10.41
826	6-Nov-09	21	6	\$33.44	Yes	\$43.85	\$10.41
827	6-Nov-09	21	7	\$32.46	Yes	\$43.85	\$11.39
828	6-Nov-09	21	8	\$31.08	Yes	\$43.85	\$12.77

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
829	6-Nov-09	21	9	\$31.08	Yes	\$43.85	\$12.77
830	6-Nov-09	21	10	\$30.46	Yes	\$43.85	\$13.39
831	6-Nov-09	21	11	\$29.33	Yes	\$43.85	\$14.52
832	6-Nov-09	21	12	\$28.21	Yes	\$43.85	\$15.64
833	6-Nov-09	22	1	\$38.91	Yes	\$43.85	\$4.94
834	6-Nov-09	22	2	\$36.77	Yes	\$43.85	\$7.08
835	6-Nov-09	22	3	\$35.61	Yes	\$43.85	\$8.24
836	6-Nov-09	22	4	\$34.34	Yes	\$43.85	\$9.51
837	6-Nov-09	22	5	\$35.45	Yes	\$43.85	\$8.40
838	6-Nov-09	22	6	\$38.39	Yes	\$43.85	\$5.46
839	6-Nov-09	22	7	\$36.84	Yes	\$43.85	\$7.01
840	6-Nov-09	22	8	\$35.57	Yes	\$43.85	\$8.28
841	6-Nov-09	22	9	\$34.62	Yes	\$43.85	\$9.23
842	6-Nov-09	22	10	\$30.58	Yes	\$43.85	\$13.27
843	6-Nov-09	22	11	\$30.07	Yes	\$43.85	\$13.78
844	6-Nov-09	22	12	\$27.69	Yes	\$43.85	\$16.16
845	7-Nov-09	1	1	\$27.02	Yes	\$35.64	\$8.62
846	7-Nov-09	1	2	\$22.68	Yes	\$35.64	\$12.96
847	7-Nov-09	1	3	\$22.67	Yes	\$35.64	\$12.97
848	7-Nov-09	1	4	\$22.66	Yes	\$35.64	\$12.98
849	7-Nov-09	1	5	\$29.17	Yes	\$35.64	\$6.47
850	7-Nov-09	1	6	\$30.18	Yes	\$35.64	\$5.46
851	7-Nov-09	1	7	\$30.07	Yes	\$35.64	\$5.57
852	7-Nov-09	1	8	\$30.67	Yes	\$35.64	\$4.97
853	7-Nov-09	1	9	\$30.07	Yes	\$35.64	\$5.57
854	7-Nov-09	1	10	\$30.22	Yes	\$35.64	\$5.42
855	7-Nov-09	1	11	\$28.83	Yes	\$35.64	\$6.81
856	7-Nov-09	1	12	\$27.73	Yes	\$35.64	\$7.91
857	7-Nov-09	2	1	\$32.84	Yes	\$35.64	\$2.80
858	7-Nov-09	2	2	\$39.16	Yes	\$35.64	-\$3.52
859	7-Nov-09	2	3	\$36.48	Yes	\$35.64	-\$0.84
860	7-Nov-09	2	4	\$23.08	Yes	\$35.64	\$12.56
861	7-Nov-09	2	5	\$26.83	Yes	\$35.64	\$8.81
862	7-Nov-09	2	6	\$27.81	Yes	\$35.64	\$7.83
863	7-Nov-09	2	7	\$32.78	Yes	\$35.64	\$2.86
864	7-Nov-09	2	8	\$30.87	Yes	\$35.64	\$4.77
865	7-Nov-09	2	9	\$30.83	Yes	\$35.64	\$4.81
866	7-Nov-09	2	10	\$30.81	Yes	\$35.64	\$4.83
867	7-Nov-09	2	11	\$30.65	Yes	\$35.64	\$4.99
868	7-Nov-09	2	12	\$30.77	Yes	\$35.64	\$4.87
869	7-Nov-09	3	1	\$30.53	Yes	\$35.64	\$5.11
870	7-Nov-09	3	2	\$30.67	Yes	\$35.64	\$4.97
871	7-Nov-09	3	3	\$30.53	Yes	\$35.64	\$5.11
872	7-Nov-09	3	4	\$30.61	Yes	\$35.64	\$5.03
873	7-Nov-09	3	5	\$30.54	Yes	\$35.64	\$5.10

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
874	7-Nov-09	3	6	\$30.54	Yes	\$35.64	\$5.10
875	7-Nov-09	3	7	\$30.33	Yes	\$35.64	\$5.31
876	7-Nov-09	3	8	\$28.53	Yes	\$35.64	\$7.11
877	7-Nov-09	3	9	\$28.53	Yes	\$35.64	\$7.11
878	7-Nov-09	3	10	\$28.67	Yes	\$35.64	\$6.97
879	7-Nov-09	3	11	\$28.67	Yes	\$35.64	\$6.97
880	7-Nov-09	3	12	\$29.77	Yes	\$35.64	\$5.87
881	7-Nov-09	4	1	\$29.94	Yes	\$35.64	\$5.70
882	7-Nov-09	4	2	\$30.52	Yes	\$35.64	\$5.12
883	7-Nov-09	4	3	\$30.20	Yes	\$35.64	\$5.44
884	7-Nov-09	4	4	\$28.60	Yes	\$35.64	\$7.04
885	7-Nov-09	4	5	\$28.81	Yes	\$35.64	\$6.83
886	7-Nov-09	4	6	\$28.74	Yes	\$35.64	\$6.90
887	7-Nov-09	4	7	\$28.69	Yes	\$35.64	\$6.95
888	7-Nov-09	4	8	\$29.97	Yes	\$35.64	\$5.67
889	7-Nov-09	4	9	\$30.28	Yes	\$35.64	\$5.36
890	7-Nov-09	4	10	\$30.23	Yes	\$35.64	\$5.41
891	7-Nov-09	4	11	\$30.00	Yes	\$35.64	\$5.64
892	7-Nov-09	4	12	\$30.00	Yes	\$35.64	\$5.64
893	7-Nov-09	5	1	\$26.58	Yes	\$35.64	\$9.06
894	7-Nov-09	5	2	\$26.58	Yes	\$35.64	\$9.06
895	7-Nov-09	5	3	\$22.26	Yes	\$35.64	\$13.38
896	7-Nov-09	5	4	\$22.85	Yes	\$35.64	\$12.79
897	7-Nov-09	5	5	\$27.63	Yes	\$35.64	\$8.01
898	7-Nov-09	5	6	\$27.63	Yes	\$35.64	\$8.01
899	7-Nov-09	5	7	\$29.89	Yes	\$35.64	\$5.75
900	7-Nov-09	5	8	\$30.26	Yes	\$35.64	\$5.38
901	7-Nov-09	5	9	\$30.46	Yes	\$35.64	\$5.18
902	7-Nov-09	5	10	\$30.50	Yes	\$35.64	\$5.14
903	7-Nov-09	5	11	\$30.50	Yes	\$35.64	\$5.14
904	7-Nov-09	5	12	\$29.93	Yes	\$35.64	\$5.71
905	7-Nov-09	6	1	\$27.61	Yes	\$35.64	\$8.03
906	7-Nov-09	6	2	\$27.84	Yes	\$35.64	\$7.80
907	7-Nov-09	6	3	\$27.77	Yes	\$35.64	\$7.87
908	7-Nov-09	6	4	\$27.97	Yes	\$35.64	\$7.67
909	7-Nov-09	6	5	\$27.97	Yes	\$35.64	\$7.67
910	7-Nov-09	6	6	\$27.97	Yes	\$35.64	\$7.67
911	7-Nov-09	6	7	\$28.00	Yes	\$35.64	\$7.64
912	7-Nov-09	6	8	\$28.00	Yes	\$35.64	\$7.64
913	7-Nov-09	6	9	\$28.00	Yes	\$35.64	\$7.64
914	7-Nov-09	6	10	\$28.07	Yes	\$35.64	\$7.57
915	7-Nov-09	6	11	\$27.92	Yes	\$35.64	\$7.72
916	7-Nov-09	6	12	\$27.99	Yes	\$35.64	\$7.65
917	7-Nov-09	7	1	\$4.03	Yes	\$35.64	\$31.61
918	7-Nov-09	7	2	-\$53.40	Yes	\$35.64	\$89.04

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
919	7-Nov-09	7	3	-\$35.99	Yes	\$35.64	\$71.63
920	7-Nov-09	7	4	\$19.88	Yes	\$35.64	\$15.76
921	7-Nov-09	7	5	\$20.83	Yes	\$35.64	\$14.81
922	7-Nov-09	7	6	\$23.70	Yes	\$35.64	\$11.94
923	7-Nov-09	7	7	\$22.07	Yes	\$35.64	\$13.57
924	7-Nov-09	7	8	\$22.07	Yes	\$35.64	\$13.57
925	7-Nov-09	7	9	\$22.07	Yes	\$35.64	\$13.57
926	7-Nov-09	7	10	\$22.18	Yes	\$35.64	\$13.46
927	7-Nov-09	7	11	\$23.63	Yes	\$35.64	\$12.01
928	7-Nov-09	7	12	\$23.63	Yes	\$35.64	\$12.01
929	7-Nov-09	8	1	\$10.61	Yes	\$35.64	\$25.03
930	7-Nov-09	8	2	\$6.62	Yes	\$35.64	\$29.02
931	7-Nov-09	8	3	\$10.61	Yes	\$35.64	\$25.03
932	7-Nov-09	8	4	\$14.09	Yes	\$35.64	\$21.55
933	7-Nov-09	8	5	\$21.20	Yes	\$35.64	\$14.44
934	7-Nov-09	8	6	\$25.52	Yes	\$35.64	\$10.12
935	7-Nov-09	8	7	\$25.51	Yes	\$35.64	\$10.13
936	7-Nov-09	8	8	\$27.09	Yes	\$35.64	\$8.55
937	7-Nov-09	8	9	\$27.56	Yes	\$35.64	\$8.08
938	7-Nov-09	8	10	\$27.75	Yes	\$35.64	\$7.89
939	7-Nov-09	8	11	\$28.52	Yes	\$35.64	\$7.12
940	7-Nov-09	8	12	\$32.64	Yes	\$35.64	\$3.00
941	7-Nov-09	9	1	\$18.18	Yes	\$35.64	\$17.46
942	7-Nov-09	9	2	\$18.20	Yes	\$35.64	\$17.44
943	7-Nov-09	9	3	\$19.84	Yes	\$35.64	\$15.80
944	7-Nov-09	9	4	\$25.61	Yes	\$35.64	\$10.03
945	7-Nov-09	9	5	\$25.61	Yes	\$35.64	\$10.03
946	7-Nov-09	9	6	\$27.73	Yes	\$35.64	\$7.91
947	7-Nov-09	9	7	\$28.49	Yes	\$35.64	\$7.15
948	7-Nov-09	9	8	\$28.49	Yes	\$35.64	\$7.15
949	7-Nov-09	9	9	\$28.49	Yes	\$35.64	\$7.15
950	7-Nov-09	9	10	\$29.63	Yes	\$35.64	\$6.01
951	7-Nov-09	9	11	\$32.63	Yes	\$35.64	\$3.01
952	7-Nov-09	9	12	\$39.27	Yes	\$35.64	-\$3.63
953	7-Nov-09	10	1	\$34.31	Yes	\$35.64	\$1.33
954	7-Nov-09	10	2	\$24.00	Yes	\$35.64	\$11.64
955	7-Nov-09	10	3	\$29.86	Yes	\$35.64	\$5.78
956	7-Nov-09	10	4	\$29.90	Yes	\$35.64	\$5.74
957	7-Nov-09	10	5	\$30.88	Yes	\$35.64	\$4.76
958	7-Nov-09	10	6	\$39.35	Yes	\$35.64	-\$3.71
959	7-Nov-09	10	7	\$30.07	Yes	\$35.64	\$5.57
960	7-Nov-09	10	8	\$30.13	Yes	\$35.64	\$5.51
961	7-Nov-09	10	9	\$28.81	Yes	\$35.64	\$6.83
962	7-Nov-09	10	10	\$29.99	Yes	\$35.64	\$5.65
963	7-Nov-09	10	11	\$29.99	Yes	\$35.64	\$5.65

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
964	7-Nov-09	10	12	\$30.08	Yes	\$35.64	\$5.56
965	7-Nov-09	11	1	\$28.03	Yes	\$35.64	\$7.61
966	7-Nov-09	11	2	\$28.14	Yes	\$35.64	\$7.50
967	7-Nov-09	11	3	\$28.14	Yes	\$35.64	\$7.50
968	7-Nov-09	11	4	\$28.12	Yes	\$35.64	\$7.52
969	7-Nov-09	11	5	\$29.72	Yes	\$35.64	\$5.92
970	7-Nov-09	11	6	\$29.72	Yes	\$35.64	\$5.92
971	7-Nov-09	11	7	\$30.08	Yes	\$35.64	\$5.56
972	7-Nov-09	11	8	\$30.10	Yes	\$35.64	\$5.54
973	7-Nov-09	11	9	\$30.34	Yes	\$35.64	\$5.30
974	7-Nov-09	11	10	\$34.34	Yes	\$35.64	\$1.30
975	7-Nov-09	11	11	\$31.26	Yes	\$35.64	\$4.38
976	7-Nov-09	11	12	\$32.79	Yes	\$35.64	\$2.85
977	7-Nov-09	12	1	\$35.20	Yes	\$35.64	\$0.44
978	7-Nov-09	12	2	\$34.43	Yes	\$35.64	\$1.21
979	7-Nov-09	12	3	\$38.31	Yes	\$35.64	-\$2.67
980	7-Nov-09	12	4	\$36.37	Yes	\$35.64	-\$0.73
981	7-Nov-09	12	5	\$35.64	Yes	\$35.64	\$0.00
982	7-Nov-09	12	6	\$34.54	Yes	\$35.64	\$1.10
983	7-Nov-09	12	7	\$32.91	Yes	\$35.64	\$2.73
984	7-Nov-09	12	8	\$34.46	Yes	\$35.64	\$1.18
985	7-Nov-09	12	9	\$34.60	Yes	\$35.64	\$1.04
986	7-Nov-09	12	10	\$33.70	Yes	\$35.64	\$1.94
987	7-Nov-09	12	11	\$30.45	Yes	\$35.64	\$5.19
988	7-Nov-09	12	12	\$31.52	Yes	\$35.64	\$4.12
989	7-Nov-09	13	1	\$29.31	Yes	\$35.64	\$6.33
990	7-Nov-09	13	2	\$30.30	Yes	\$35.64	\$5.34
991	7-Nov-09	13	3	\$30.29	Yes	\$35.64	\$5.35
992	7-Nov-09	13	4	\$30.21	Yes	\$35.64	\$5.43
993	7-Nov-09	13	5	\$29.39	Yes	\$35.64	\$6.25
994	7-Nov-09	13	6	\$29.54	Yes	\$35.64	\$6.10
995	7-Nov-09	13	7	\$28.38	Yes	\$35.64	\$7.26
996	7-Nov-09	13	8	\$28.39	Yes	\$35.64	\$7.25
997	7-Nov-09	13	9	\$28.39	Yes	\$35.64	\$7.25
998	7-Nov-09	13	10	\$28.38	Yes	\$35.64	\$7.26
999	7-Nov-09	13	11	\$28.38	Yes	\$35.64	\$7.26
1000	7-Nov-09	13	12	\$28.88	Yes	\$35.64	\$6.76
1001	7-Nov-09	14	1	\$28.03	Yes	\$35.64	\$7.61
1002	7-Nov-09	14	2	\$28.19	Yes	\$35.64	\$7.45
1003	7-Nov-09	14	3	\$25.70	Yes	\$35.64	\$9.94
1004	7-Nov-09	14	4	\$26.03	Yes	\$35.64	\$9.61
1005	7-Nov-09	14	5	\$26.03	Yes	\$35.64	\$9.61
1006	7-Nov-09	14	6	\$26.03	Yes	\$35.64	\$9.61
1007	7-Nov-09	14	7	\$25.64	Yes	\$35.64	\$10.00
1008	7-Nov-09	14	8	\$25.64	Yes	\$35.64	\$10.00

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1009	7-Nov-09	14	9	\$25.64	Yes	\$35.64	\$10.00
1010	7-Nov-09	14	10	\$25.59	Yes	\$35.64	\$10.05
1011	7-Nov-09	14	11	\$24.22	Yes	\$35.64	\$11.42
1012	7-Nov-09	14	12	\$24.00	Yes	\$35.64	\$11.64
1013	7-Nov-09	15	1	\$23.59	Yes	\$35.64	\$12.05
1014	7-Nov-09	15	1	\$23.59	Yes	\$39.61	\$16.02
1015	7-Nov-09	15	2	\$23.59	Yes	\$35.64	\$12.05
1016	7-Nov-09	15	2	\$23.59	Yes	\$39.61	\$16.02
1017	7-Nov-09	15	3	\$0.67	Yes	\$35.64	\$34.97
1018	7-Nov-09	15	3	\$0.67	Yes	\$39.61	\$38.94
1019	7-Nov-09	15	4	\$0.99	Yes	\$35.64	\$34.65
1020	7-Nov-09	15	4	\$0.99	Yes	\$39.61	\$38.62
1021	7-Nov-09	15	5	\$0.67	Yes	\$39.61	\$38.94
1022	7-Nov-09	15	5	\$0.67	Yes	\$35.64	\$34.97
1023	7-Nov-09	15	6	\$0.67	Yes	\$39.61	\$38.94
1024	7-Nov-09	15	6	\$0.67	Yes	\$35.64	\$34.97
1025	7-Nov-09	15	7	\$0.67	Yes	\$35.64	\$34.97
1026	7-Nov-09	15	7	\$0.67	Yes	\$39.61	\$38.94
1027	7-Nov-09	15	8	\$0.67	Yes	\$35.64	\$34.97
1028	7-Nov-09	15	8	\$0.67	Yes	\$39.61	\$38.94
1029	7-Nov-09	15	9	\$0.67	Yes	\$39.61	\$38.94
1030	7-Nov-09	15	9	\$0.67	Yes	\$35.64	\$34.97
1031	7-Nov-09	15	10	\$0.67	Yes	\$39.61	\$38.94
1032	7-Nov-09	15	10	\$0.67	Yes	\$35.64	\$34.97
1033	7-Nov-09	15	11	\$0.67	Yes	\$35.64	\$34.97
1034	7-Nov-09	15	11	\$0.67	Yes	\$39.61	\$38.94
1035	7-Nov-09	15	12	\$1.01	Yes	\$39.61	\$38.60
1036	7-Nov-09	15	12	\$1.01	Yes	\$35.64	\$34.63
1037	7-Nov-09	16	1	\$21.14	Yes	\$39.61	\$18.47
1038	7-Nov-09	16	1	\$21.14	Yes	\$35.64	\$14.50
1039	7-Nov-09	16	2	\$23.56	Yes	\$39.61	\$16.05
1040	7-Nov-09	16	2	\$23.56	Yes	\$35.64	\$12.08
1041	7-Nov-09	16	3	\$23.56	Yes	\$39.61	\$16.05
1042	7-Nov-09	16	3	\$23.56	Yes	\$35.64	\$12.08
1043	7-Nov-09	16	4	\$24.04	Yes	\$35.64	\$11.60
1044	7-Nov-09	16	4	\$24.04	Yes	\$39.61	\$15.57
1045	7-Nov-09	16	5	\$25.75	Yes	\$35.64	\$9.89
1046	7-Nov-09	16	5	\$25.75	Yes	\$39.61	\$13.86
1047	7-Nov-09	16	6	\$24.04	Yes	\$39.61	\$15.57
1048	7-Nov-09	16	6	\$24.04	Yes	\$35.64	\$11.60
1049	7-Nov-09	16	7	\$24.04	Yes	\$35.64	\$11.60
1050	7-Nov-09	16	7	\$24.04	Yes	\$39.61	\$15.57
1051	7-Nov-09	16	8	\$25.77	Yes	\$35.64	\$9.87
1052	7-Nov-09	16	8	\$25.77	Yes	\$39.61	\$13.84
1053	7-Nov-09	16	9	\$27.55	Yes	\$39.61	\$12.06



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1054	7-Nov-09	16	9	\$27.55	Yes	\$35.64	\$8.09
1055	7-Nov-09	16	10	\$27.75	Yes	\$35.64	\$7.89
1056	7-Nov-09	16	10	\$27.75	Yes	\$39.61	\$11.86
1057	7-Nov-09	16	11	\$27.55	Yes	\$39.61	\$12.06
1058	7-Nov-09	16	11	\$27.55	Yes	\$35.64	\$8.09
1059	7-Nov-09	16	12	\$27.57	Yes	\$35.64	\$8.07
1060	7-Nov-09	16	12	\$27.57	Yes	\$39.61	\$12.04
1061	7-Nov-09	17	1	\$27.77	Yes	\$39.61	\$11.84
1062	7-Nov-09	17	1	\$27.77	Yes	\$35.64	\$7.87
1063	7-Nov-09	17	2	\$27.73	Yes	\$35.64	\$7.91
1064	7-Nov-09	17	2	\$27.73	Yes	\$39.61	\$11.88
1065	7-Nov-09	17	3	\$27.80	Yes	\$35.64	\$7.84
1066	7-Nov-09	17	3	\$27.80	Yes	\$39.61	\$11.81
1067	7-Nov-09	17	4	\$27.92	Yes	\$35.64	\$7.72
1068	7-Nov-09	17	4	\$27.92	Yes	\$39.61	\$11.69
1069	7-Nov-09	17	5	\$27.85	Yes	\$35.64	\$7.79
1070	7-Nov-09	17	5	\$27.85	Yes	\$39.61	\$11.76
1071	7-Nov-09	17	6	\$27.84	Yes	\$39.61	\$11.77
1072	7-Nov-09	17	6	\$27.84	Yes	\$35.64	\$7.80
1073	7-Nov-09	17	7	\$28.11	Yes	\$35.64	\$7.53
1074	7-Nov-09	17	7	\$28.11	Yes	\$39.61	\$11.50
1075	7-Nov-09	17	8	\$28.87	Yes	\$35.64	\$6.77
1076	7-Nov-09	17	8	\$28.87	Yes	\$39.61	\$10.74
1077	7-Nov-09	17	9	\$34.22	Yes	\$35.64	\$1.42
1078	7-Nov-09	17	9	\$34.22	Yes	\$39.61	\$5.39
1079	7-Nov-09	17	10	\$33.51	Yes	\$35.64	\$2.13
1080	7-Nov-09	17	10	\$33.51	Yes	\$39.61	\$6.10
1081	7-Nov-09	17	11	\$42.29	Yes	\$35.64	-\$6.65
1082	7-Nov-09	17	11	\$42.29	Yes	\$39.61	-\$2.68
1083	7-Nov-09	17	12	\$38.99	Yes	\$35.64	-\$3.35
1084	7-Nov-09	17	12	\$38.99	Yes	\$39.61	\$0.62
1085	7-Nov-09	18	1	\$28.98	Yes	\$39.61	\$10.63
1086	7-Nov-09	18	1	\$28.98	Yes	\$35.64	\$6.66
1087	7-Nov-09	18	2	\$28.39	Yes	\$39.61	\$11.22
1088	7-Nov-09	18	2	\$28.39	Yes	\$35.64	\$7.25
1089	7-Nov-09	18	3	\$30.29	Yes	\$39.61	\$9.32
1090	7-Nov-09	18	3	\$30.29	Yes	\$35.64	\$5.35
1091	7-Nov-09	18	4	\$31.03	Yes	\$39.61	\$8.58
1092	7-Nov-09	18	4	\$31.03	Yes	\$35.64	\$4.61
1093	7-Nov-09	18	5	\$44.76	Yes	\$35.64	-\$9.12
1094	7-Nov-09	18	5	\$44.76	Yes	\$39.61	-\$5.15
1095	7-Nov-09	18	6	\$44.76	Yes	\$35.64	-\$9.12
1096	7-Nov-09	18	6	\$44.76	Yes	\$39.61	-\$5.15
1097	7-Nov-09	18	7	\$102.70	Yes	\$39.61	-\$63.09
1098	7-Nov-09	18	7	\$102.70	Yes	\$35.64	-\$67.06

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1099	7-Nov-09	18	8	\$102.91	Yes	\$39.61	-\$63.30
1100	7-Nov-09	18	8	\$102.91	Yes	\$35.64	-\$67.27
1101	7-Nov-09	18	9	\$153.60	Yes	\$39.61	-\$113.99
1102	7-Nov-09	18	9	\$153.60	Yes	\$35.64	-\$117.96
1103	7-Nov-09	18	10	\$104.80	Yes	\$35.64	-\$69.16
1104	7-Nov-09	18	10	\$104.80	Yes	\$39.61	-\$65.19
1105	7-Nov-09	18	11	\$96.61	Yes	\$39.61	-\$57.00
1106	7-Nov-09	18	11	\$96.61	Yes	\$35.64	-\$60.97
1107	7-Nov-09	18	12	\$94.11	Yes	\$35.64	-\$58.47
1108	7-Nov-09	18	12	\$94.11	Yes	\$39.61	-\$54.50
1109	7-Nov-09	19	1	\$71.84	Yes	\$35.64	-\$36.20
1110	7-Nov-09	19	1	\$71.84	Yes	\$39.61	-\$32.23
1111	7-Nov-09	19	2	\$60.84	Yes	\$39.61	-\$21.23
1112	7-Nov-09	19	2	\$60.84	Yes	\$35.64	-\$25.20
1113	7-Nov-09	19	3	\$44.61	Yes	\$35.64	-\$8.97
1114	7-Nov-09	19	3	\$44.61	Yes	\$39.61	-\$5.00
1115	7-Nov-09	19	4	\$35.90	Yes	\$35.64	-\$0.26
1116	7-Nov-09	19	4	\$35.90	Yes	\$39.61	\$3.71
1117	7-Nov-09	19	5	\$34.59	Yes	\$35.64	\$1.05
1118	7-Nov-09	19	5	\$34.59	Yes	\$39.61	\$5.02
1119	7-Nov-09	19	6	\$34.10	Yes	\$39.61	\$5.51
1120	7-Nov-09	19	6	\$34.10	Yes	\$35.64	\$1.54
1121	7-Nov-09	19	7	\$30.36	Yes	\$35.64	\$5.28
1122	7-Nov-09	19	7	\$30.36	Yes	\$39.61	\$9.25
1123	7-Nov-09	19	8	\$31.24	Yes	\$35.64	\$4.40
1124	7-Nov-09	19	8	\$31.24	Yes	\$39.61	\$8.37
1125	7-Nov-09	19	9	\$32.53	Yes	\$35.64	\$3.11
1126	7-Nov-09	19	9	\$32.53	Yes	\$39.61	\$7.08
1127	7-Nov-09	19	10	\$35.31	Yes	\$35.64	\$0.33
1128	7-Nov-09	19	10	\$35.31	Yes	\$39.61	\$4.30
1129	7-Nov-09	19	11	\$33.65	Yes	\$39.61	\$5.96
1130	7-Nov-09	19	11	\$33.65	Yes	\$35.64	\$1.99
1131	7-Nov-09	19	12	\$33.46	Yes	\$39.61	\$6.15
1132	7-Nov-09	19	12	\$33.46	Yes	\$35.64	\$2.18
1133	7-Nov-09	20	1	\$34.12	Yes	\$39.61	\$5.49
1134	7-Nov-09	20	1	\$34.12	Yes	\$35.64	\$1.52
1135	7-Nov-09	20	2	\$34.12	Yes	\$39.61	\$5.49
1136	7-Nov-09	20	2	\$34.12	Yes	\$35.64	\$1.52
1137	7-Nov-09	20	3	\$34.12	Yes	\$35.64	\$1.52
1138	7-Nov-09	20	3	\$34.12	Yes	\$39.61	\$5.49
1139	7-Nov-09	20	4	\$34.09	Yes	\$39.61	\$5.52
1140	7-Nov-09	20	4	\$34.09	Yes	\$35.64	\$1.55
1141	7-Nov-09	20	5	\$34.35	Yes	\$35.64	\$1.29
1142	7-Nov-09	20	5	\$34.35	Yes	\$39.61	\$5.26
1143	7-Nov-09	20	6	\$34.09	Yes	\$39.61	\$5.52

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1144	7-Nov-09	20	6	\$34.09	Yes	\$35.64	\$1.55
1145	7-Nov-09	20	7	\$34.08	Yes	\$39.61	\$5.53
1146	7-Nov-09	20	7	\$34.08	Yes	\$35.64	\$1.56
1147	7-Nov-09	20	8	\$34.08	Yes	\$39.61	\$5.53
1148	7-Nov-09	20	8	\$34.08	Yes	\$35.64	\$1.56
1149	7-Nov-09	20	9	\$33.51	Yes	\$39.61	\$6.10
1150	7-Nov-09	20	9	\$33.51	Yes	\$35.64	\$2.13
1151	7-Nov-09	20	10	\$33.40	Yes	\$39.61	\$6.21
1152	7-Nov-09	20	10	\$33.40	Yes	\$35.64	\$2.24
1153	7-Nov-09	20	11	\$33.40	Yes	\$35.64	\$2.24
1154	7-Nov-09	20	11	\$33.40	Yes	\$39.61	\$6.21
1155	7-Nov-09	20	12	\$33.06	Yes	\$39.61	\$6.55
1156	7-Nov-09	20	12	\$33.06	Yes	\$35.64	\$2.58
1157	7-Nov-09	21	1	\$35.68	Yes	\$35.64	-\$0.04
1158	7-Nov-09	21	1	\$35.68	Yes	\$39.61	\$3.93
1159	7-Nov-09	21	2	\$39.61	Yes	\$35.64	-\$3.97
1160	7-Nov-09	21	2	\$39.61	Yes	\$39.61	\$0.00
1161	7-Nov-09	21	3	\$38.45	Yes	\$35.64	-\$2.81
1162	7-Nov-09	21	3	\$38.45	Yes	\$39.61	\$1.16
1163	7-Nov-09	21	4	\$37.48	Yes	\$35.64	-\$1.84
1164	7-Nov-09	21	4	\$37.48	Yes	\$39.61	\$2.13
1165	7-Nov-09	21	5	\$36.35	Yes	\$35.64	-\$0.71
1166	7-Nov-09	21	5	\$36.35	Yes	\$39.61	\$3.26
1167	7-Nov-09	21	6	\$34.65	Yes	\$35.64	\$0.99
1168	7-Nov-09	21	6	\$34.65	Yes	\$39.61	\$4.96
1169	7-Nov-09	21	7	\$35.21	Yes	\$35.64	\$0.43
1170	7-Nov-09	21	7	\$35.21	Yes	\$39.61	\$4.40
1171	7-Nov-09	21	8	\$34.08	Yes	\$39.61	\$5.53
1172	7-Nov-09	21	8	\$34.08	Yes	\$35.64	\$1.56
1173	7-Nov-09	21	9	\$34.08	Yes	\$35.64	\$1.56
1174	7-Nov-09	21	9	\$34.08	Yes	\$39.61	\$5.53
1175	7-Nov-09	21	10	\$34.08	Yes	\$35.64	\$1.56
1176	7-Nov-09	21	10	\$34.08	Yes	\$39.61	\$5.53
1177	7-Nov-09	21	11	\$33.22	Yes	\$39.61	\$6.39
1178	7-Nov-09	21	11	\$33.22	Yes	\$35.64	\$2.42
1179	7-Nov-09	21	12	\$30.37	Yes	\$35.64	\$5.27
1180	7-Nov-09	21	12	\$30.37	Yes	\$39.61	\$9.24
1181	7-Nov-09	22	1	\$38.43	Yes	\$35.64	-\$2.79
1182	7-Nov-09	22	2	\$35.14	Yes	\$35.64	\$0.50
1183	7-Nov-09	22	3	\$35.06	Yes	\$35.64	\$0.58
1184	7-Nov-09	22	4	\$35.17	Yes	\$35.64	\$0.47
1185	7-Nov-09	22	5	\$34.52	Yes	\$35.64	\$1.12
1186	7-Nov-09	22	6	\$34.07	Yes	\$35.64	\$1.57
1187	7-Nov-09	22	7	\$33.18	Yes	\$35.64	\$2.46
1188	7-Nov-09	22	8	\$31.13	Yes	\$35.64	\$4.51

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1189	7-Nov-09	22	9	\$33.08	Yes	\$35.64	\$2.56
1190	7-Nov-09	22	10	\$30.82	Yes	\$35.64	\$4.82
1191	7-Nov-09	22	11	\$29.90	Yes	\$35.64	\$5.74
1192	7-Nov-09	22	12	\$28.15	Yes	\$35.64	\$7.49
1193	7-Nov-09	23	1	\$34.03	Yes	\$35.64	\$1.61
1194	7-Nov-09	23	2	\$34.03	Yes	\$35.64	\$1.61
1195	7-Nov-09	23	3	\$34.03	Yes	\$35.64	\$1.61
1196	7-Nov-09	23	4	\$33.14	Yes	\$35.64	\$2.50
1197	7-Nov-09	23	5	\$34.02	Yes	\$35.64	\$1.62
1198	7-Nov-09	23	6	\$34.02	Yes	\$35.64	\$1.62
1199	7-Nov-09	23	7	\$33.00	Yes	\$35.64	\$2.64
1200	7-Nov-09	23	8	\$30.85	Yes	\$35.64	\$4.79
1201	7-Nov-09	23	9	\$28.89	Yes	\$35.64	\$6.75
1202	7-Nov-09	23	10	\$28.18	Yes	\$35.64	\$7.46
1203	7-Nov-09	23	11	\$28.21	Yes	\$35.64	\$7.43
1204	7-Nov-09	23	12	\$28.21	Yes	\$35.64	\$7.43
1205	7-Nov-09	24	1	\$30.95	Yes	\$35.64	\$4.69
1206	7-Nov-09	24	2	\$32.89	Yes	\$35.64	\$2.75
1207	7-Nov-09	24	3	\$30.69	Yes	\$35.64	\$4.95
1208	7-Nov-09	24	4	\$33.16	Yes	\$35.64	\$2.48
1209	7-Nov-09	24	5	\$33.16	Yes	\$35.64	\$2.48
1210	7-Nov-09	24	6	\$33.16	Yes	\$35.64	\$2.48
1211	7-Nov-09	24	7	\$32.89	Yes	\$35.64	\$2.75
1212	7-Nov-09	24	8	\$32.88	Yes	\$35.64	\$2.76
1213	7-Nov-09	24	9	\$30.95	Yes	\$35.64	\$4.69
1214	7-Nov-09	24	10	\$32.66	Yes	\$35.64	\$2.98
1215	7-Nov-09	24	11	\$30.78	Yes	\$35.64	\$4.86
1216	7-Nov-09	24	12	\$29.77	Yes	\$35.64	\$5.87
1217	8-Nov-09	14	1	\$34.76	Yes	\$35.64	\$0.88
1218	8-Nov-09	14	2	\$35.54	Yes	\$35.64	\$0.10
1219	8-Nov-09	14	3	\$34.29	Yes	\$35.64	\$1.35
1220	8-Nov-09	14	4	\$34.77	Yes	\$35.64	\$0.87
1221	8-Nov-09	14	5	\$34.77	Yes	\$35.64	\$0.87
1222	8-Nov-09	14	6	\$34.31	Yes	\$35.64	\$1.33
1223	8-Nov-09	14	7	\$34.76	Yes	\$35.64	\$0.88
1224	8-Nov-09	14	8	\$34.76	Yes	\$35.64	\$0.88
1225	8-Nov-09	14	9	\$34.76	Yes	\$35.64	\$0.88
1226	8-Nov-09	14	10	\$34.74	Yes	\$35.64	\$0.90
1227	8-Nov-09	14	11	\$34.74	Yes	\$35.64	\$0.90
1228	8-Nov-09	14	12	\$34.74	Yes	\$35.64	\$0.90
1229	8-Nov-09	15	1	\$34.74	Yes	\$35.64	\$0.90
1230	8-Nov-09	15	2	\$34.74	Yes	\$35.64	\$0.90
1231	8-Nov-09	15	3	\$34.74	Yes	\$35.64	\$0.90
1232	8-Nov-09	15	4	\$34.70	Yes	\$35.64	\$0.94
1233	8-Nov-09	15	5	\$34.19	Yes	\$35.64	\$1.45

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1234	8-Nov-09	15	6	\$34.19	Yes	\$35.64	\$1.45
1235	8-Nov-09	15	7	\$32.75	Yes	\$35.64	\$2.89
1236	8-Nov-09	15	8	\$32.44	Yes	\$39.61	\$7.17
1237	8-Nov-09	15	8	\$32.44	Yes	\$35.64	\$3.20
1238	8-Nov-09	15	9	\$32.75	Yes	\$35.64	\$2.89
1239	8-Nov-09	15	9	\$32.75	Yes	\$39.61	\$6.86
1240	8-Nov-09	15	10	\$34.15	Yes	\$35.64	\$1.49
1241	8-Nov-09	15	10	\$34.15	Yes	\$39.61	\$5.46
1242	8-Nov-09	15	11	\$34.15	Yes	\$39.61	\$5.46
1243	8-Nov-09	15	11	\$34.15	Yes	\$35.64	\$1.49
1244	8-Nov-09	15	12	\$34.01	Yes	\$35.64	\$1.63
1245	8-Nov-09	15	12	\$34.01	Yes	\$39.61	\$5.60
1246	8-Nov-09	16	1	\$34.00	Yes	\$39.61	\$5.61
1247	8-Nov-09	16	1	\$34.00	Yes	\$35.64	\$1.64
1248	8-Nov-09	16	2	\$34.14	Yes	\$39.61	\$5.47
1249	8-Nov-09	16	2	\$34.14	Yes	\$35.64	\$1.50
1250	8-Nov-09	16	3	\$34.00	Yes	\$35.64	\$1.64
1251	8-Nov-09	16	3	\$34.00	Yes	\$39.61	\$5.61
1252	8-Nov-09	16	4	\$33.83	Yes	\$39.61	\$5.78
1253	8-Nov-09	16	4	\$33.83	Yes	\$35.64	\$1.81
1254	8-Nov-09	16	5	\$33.37	Yes	\$35.64	\$2.27
1255	8-Nov-09	16	5	\$33.37	Yes	\$39.61	\$6.24
1256	8-Nov-09	16	6	\$33.37	Yes	\$39.61	\$6.24
1257	8-Nov-09	16	6	\$33.37	Yes	\$35.64	\$2.27
1258	8-Nov-09	16	7	\$33.85	Yes	\$35.64	\$1.79
1259	8-Nov-09	16	7	\$33.85	Yes	\$39.61	\$5.76
1260	8-Nov-09	16	8	\$33.85	Yes	\$39.61	\$5.76
1261	8-Nov-09	16	8	\$33.85	Yes	\$35.64	\$1.79
1262	8-Nov-09	16	9	\$33.72	Yes	\$39.61	\$5.89
1263	8-Nov-09	16	9	\$33.72	Yes	\$35.64	\$1.92
1264	8-Nov-09	16	10	\$33.84	Yes	\$39.61	\$5.77
1265	8-Nov-09	16	10	\$33.84	Yes	\$35.64	\$1.80
1266	8-Nov-09	16	11	\$33.70	Yes	\$39.61	\$5.91
1267	8-Nov-09	16	11	\$33.70	Yes	\$35.64	\$1.94
1268	8-Nov-09	16	12	\$33.36	Yes	\$39.61	\$6.25
1269	8-Nov-09	16	12	\$33.36	Yes	\$35.64	\$2.28
1270	8-Nov-09	17	1	\$32.54	Yes	\$35.64	\$3.10
1271	8-Nov-09	17	1	\$32.54	Yes	\$39.61	\$7.07
1272	8-Nov-09	17	2	\$32.54	Yes	\$39.61	\$7.07
1273	8-Nov-09	17	2	\$32.54	Yes	\$35.64	\$3.10
1274	8-Nov-09	17	3	\$32.54	Yes	\$35.64	\$3.10
1275	8-Nov-09	17	3	\$32.54	Yes	\$39.61	\$7.07
1276	8-Nov-09	17	4	\$32.64	Yes	\$35.64	\$3.00
1277	8-Nov-09	17	4	\$32.64	Yes	\$39.61	\$6.97
1278	8-Nov-09	17	5	\$32.64	Yes	\$39.61	\$6.97

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1279	8-Nov-09	17	5	\$32.64	Yes	\$35.64	\$3.00
1280	8-Nov-09	17	6	\$32.64	Yes	\$39.61	\$6.97
1281	8-Nov-09	17	6	\$32.64	Yes	\$35.64	\$3.00
1282	8-Nov-09	17	7	\$44.52	Yes	\$39.61	-\$4.91
1283	8-Nov-09	17	7	\$44.52	Yes	\$35.64	-\$8.88
1284	8-Nov-09	17	8	\$40.54	Yes	\$39.61	-\$0.93
1285	8-Nov-09	17	8	\$40.54	Yes	\$35.64	-\$4.90
1286	8-Nov-09	17	9	\$48.47	Yes	\$39.61	-\$8.86
1287	8-Nov-09	17	9	\$48.47	Yes	\$35.64	-\$12.83
1288	8-Nov-09	17	10	\$50.29	Yes	\$39.61	-\$10.68
1289	8-Nov-09	17	10	\$50.29	Yes	\$35.64	-\$14.65
1290	8-Nov-09	17	11	\$57.27	Yes	\$39.61	-\$17.66
1291	8-Nov-09	17	11	\$57.27	Yes	\$35.64	-\$21.63
1292	8-Nov-09	17	12	\$56.04	Yes	\$39.61	-\$16.43
1293	8-Nov-09	17	12	\$56.04	Yes	\$35.64	-\$20.40
1294	8-Nov-09	18	1	\$33.24	Yes	\$35.64	\$2.40
1295	8-Nov-09	18	1	\$33.24	Yes	\$39.61	\$6.37
1296	8-Nov-09	18	2	\$33.24	Yes	\$35.64	\$2.40
1297	8-Nov-09	18	2	\$33.24	Yes	\$39.61	\$6.37
1298	8-Nov-09	18	3	\$35.06	Yes	\$35.64	\$0.58
1299	8-Nov-09	18	3	\$35.06	Yes	\$39.61	\$4.55
1300	8-Nov-09	18	4	\$34.75	Yes	\$39.61	\$4.86
1301	8-Nov-09	18	4	\$34.75	Yes	\$35.64	\$0.89
1302	8-Nov-09	18	5	\$69.29	Yes	\$39.61	-\$29.68
1303	8-Nov-09	18	5	\$69.29	Yes	\$35.64	-\$33.65
1304	8-Nov-09	18	6	\$70.61	Yes	\$39.61	-\$31.00
1305	8-Nov-09	18	6	\$70.61	Yes	\$35.64	-\$34.97
1306	8-Nov-09	18	7	\$152.78	Yes	\$35.64	-\$117.14
1307	8-Nov-09	18	7	\$152.78	Yes	\$39.61	-\$113.17
1308	8-Nov-09	18	8	\$105.87	Yes	\$35.64	-\$70.23
1309	8-Nov-09	18	8	\$105.87	Yes	\$39.61	-\$66.26
1310	8-Nov-09	18	9	\$72.96	Yes	\$35.64	-\$37.32
1311	8-Nov-09	18	9	\$72.96	Yes	\$39.61	-\$33.35
1312	8-Nov-09	18	10	\$51.03	Yes	\$35.64	-\$15.39
1313	8-Nov-09	18	10	\$51.03	Yes	\$39.61	-\$11.42
1314	8-Nov-09	18	11	\$61.48	Yes	\$35.64	-\$25.84
1315	8-Nov-09	18	11	\$61.48	Yes	\$39.61	-\$21.87
1316	8-Nov-09	18	12	\$51.03	Yes	\$35.64	-\$15.39
1317	8-Nov-09	18	12	\$51.03	Yes	\$39.61	-\$11.42
1318	8-Nov-09	19	1	\$57.99	Yes	\$39.61	-\$18.38
1319	8-Nov-09	19	1	\$57.99	Yes	\$35.64	-\$22.35
1320	8-Nov-09	19	2	\$68.95	Yes	\$39.61	-\$29.34
1321	8-Nov-09	19	2	\$68.95	Yes	\$35.64	-\$33.31
1322	8-Nov-09	19	3	\$70.22	Yes	\$35.64	-\$34.58
1323	8-Nov-09	19	3	\$70.22	Yes	\$39.61	-\$30.61

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1324	8-Nov-09	19	4	\$58.06	Yes	\$35.64	-\$22.42
1325	8-Nov-09	19	4	\$58.06	Yes	\$39.61	-\$18.45
1326	8-Nov-09	19	5	\$50.90	Yes	\$39.61	-\$11.29
1327	8-Nov-09	19	5	\$50.90	Yes	\$35.64	-\$15.26
1328	8-Nov-09	19	6	\$49.96	Yes	\$35.64	-\$14.32
1329	8-Nov-09	19	6	\$49.96	Yes	\$39.61	-\$10.35
1330	8-Nov-09	19	7	\$48.18	Yes	\$35.64	-\$12.54
1331	8-Nov-09	19	7	\$48.18	Yes	\$39.61	-\$8.57
1332	8-Nov-09	19	8	\$48.18	Yes	\$35.64	-\$12.54
1333	8-Nov-09	19	8	\$48.18	Yes	\$39.61	-\$8.57
1334	8-Nov-09	19	9	\$42.77	Yes	\$39.61	-\$3.16
1335	8-Nov-09	19	9	\$42.77	Yes	\$35.64	-\$7.13
1336	8-Nov-09	19	10	\$43.51	Yes	\$39.61	-\$3.90
1337	8-Nov-09	19	10	\$43.51	Yes	\$35.64	-\$7.87
1338	8-Nov-09	19	11	\$36.34	Yes	\$39.61	\$3.27
1339	8-Nov-09	19	11	\$36.34	Yes	\$35.64	-\$0.70
1340	8-Nov-09	19	12	\$36.34	Yes	\$35.64	-\$0.70
1341	8-Nov-09	19	12	\$36.34	Yes	\$39.61	\$3.27
1342	8-Nov-09	20	1	\$43.93	Yes	\$35.64	-\$8.29
1343	8-Nov-09	20	1	\$43.93	Yes	\$39.61	-\$4.32
1344	8-Nov-09	20	2	\$43.15	Yes	\$35.64	-\$7.51
1345	8-Nov-09	20	2	\$43.15	Yes	\$39.61	-\$3.54
1346	8-Nov-09	20	3	\$36.07	Yes	\$35.64	-\$0.43
1347	8-Nov-09	20	3	\$36.07	Yes	\$39.61	\$3.54
1348	8-Nov-09	20	4	\$42.69	Yes	\$35.64	-\$7.05
1349	8-Nov-09	20	4	\$42.69	Yes	\$39.61	-\$3.08
1350	8-Nov-09	20	5	\$43.44	Yes	\$39.61	-\$3.83
1351	8-Nov-09	20	5	\$43.44	Yes	\$35.64	-\$7.80
1352	8-Nov-09	20	6	\$42.38	Yes	\$39.61	-\$2.77
1353	8-Nov-09	20	6	\$42.38	Yes	\$35.64	-\$6.74
1354	8-Nov-09	20	7	\$42.62	Yes	\$39.61	-\$3.01
1355	8-Nov-09	20	7	\$42.62	Yes	\$35.64	-\$6.98
1356	8-Nov-09	20	8	\$42.33	Yes	\$35.64	-\$6.69
1357	8-Nov-09	20	8	\$42.33	Yes	\$39.61	-\$2.72
1358	8-Nov-09	20	9	\$36.18	Yes	\$35.64	-\$0.54
1359	8-Nov-09	20	9	\$36.18	Yes	\$39.61	\$3.43
1360	8-Nov-09	20	10	\$36.21	Yes	\$35.64	-\$0.57
1361	8-Nov-09	20	10	\$36.21	Yes	\$39.61	\$3.40
1362	8-Nov-09	20	11	\$36.20	Yes	\$39.61	\$3.41
1363	8-Nov-09	20	11	\$36.20	Yes	\$35.64	-\$0.56
1364	8-Nov-09	20	12	\$34.24	Yes	\$39.61	\$5.37
1365	8-Nov-09	20	12	\$34.24	Yes	\$35.64	\$1.40
1366	8-Nov-09	21	1	\$46.55	Yes	\$35.64	-\$10.91
1367	8-Nov-09	21	1	\$46.55	Yes	\$39.61	-\$6.94
1368	8-Nov-09	21	2	\$45.98	Yes	\$35.64	-\$10.34

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1369	8-Nov-09	21	2	\$45.98	Yes	\$39.61	-\$6.37
1370	8-Nov-09	21	3	\$43.78	Yes	\$35.64	-\$8.14
1371	8-Nov-09	21	3	\$43.78	Yes	\$39.61	-\$4.17
1372	8-Nov-09	21	4	\$43.55	Yes	\$35.64	-\$7.91
1373	8-Nov-09	21	4	\$43.55	Yes	\$39.61	-\$3.94
1374	8-Nov-09	21	5	\$43.86	Yes	\$35.64	-\$8.22
1375	8-Nov-09	21	5	\$43.86	Yes	\$39.61	-\$4.25
1376	8-Nov-09	21	6	\$42.66	Yes	\$35.64	-\$7.02
1377	8-Nov-09	21	6	\$42.66	Yes	\$39.61	-\$3.05
1378	8-Nov-09	21	7	\$33.02	Yes	\$35.64	\$2.62
1379	8-Nov-09	21	7	\$33.02	Yes	\$39.61	\$6.59
1380	8-Nov-09	21	8	\$33.02	Yes	\$35.64	\$2.62
1381	8-Nov-09	21	8	\$33.02	Yes	\$39.61	\$6.59
1382	8-Nov-09	21	9	\$33.02	Yes	\$39.61	\$6.59
1383	8-Nov-09	21	9	\$33.02	Yes	\$35.64	\$2.62
1384	8-Nov-09	21	10	\$33.04	Yes	\$39.61	\$6.57
1385	8-Nov-09	21	10	\$33.04	Yes	\$35.64	\$2.60
1386	8-Nov-09	21	11	\$33.04	Yes	\$39.61	\$6.57
1387	8-Nov-09	21	11	\$33.04	Yes	\$35.64	\$2.60
1388	8-Nov-09	21	12	\$30.94	Yes	\$35.64	\$4.70
1389	8-Nov-09	21	12	\$30.94	Yes	\$39.61	\$8.67
1390	8-Nov-09	22	1	\$48.79	Yes	\$35.64	-\$13.15
1391	8-Nov-09	22	2	\$47.90	Yes	\$35.64	-\$12.26
1392	8-Nov-09	22	3	\$43.39	Yes	\$35.64	-\$7.75
1393	8-Nov-09	22	4	\$43.67	Yes	\$35.64	-\$8.03
1394	8-Nov-09	22	5	\$36.73	Yes	\$35.64	-\$1.09
1395	8-Nov-09	22	6	\$32.07	Yes	\$35.64	\$3.57
1396	8-Nov-09	22	7	\$33.45	Yes	\$35.64	\$2.19
1397	8-Nov-09	22	8	\$32.07	Yes	\$35.64	\$3.57
1398	8-Nov-09	22	9	\$31.91	Yes	\$35.64	\$3.73
1399	8-Nov-09	22	10	\$30.53	Yes	\$35.64	\$5.11
1400	8-Nov-09	22	11	\$30.53	Yes	\$35.64	\$5.11
1401	8-Nov-09	22	12	\$30.53	Yes	\$35.64	\$5.11
1402	8-Nov-09	23	1	\$32.98	Yes	\$35.64	\$2.66
1403	8-Nov-09	23	2	\$39.70	Yes	\$35.64	-\$4.06
1404	8-Nov-09	23	3	\$33.11	Yes	\$35.64	\$2.53
1405	8-Nov-09	23	4	\$42.91	Yes	\$35.64	-\$7.27
1406	8-Nov-09	23	5	\$39.86	Yes	\$35.64	-\$4.22
1407	8-Nov-09	23	6	\$38.39	Yes	\$35.64	-\$2.75
1408	8-Nov-09	23	7	\$36.51	Yes	\$35.64	-\$0.87
1409	8-Nov-09	23	8	\$31.31	Yes	\$35.64	\$4.33
1410	8-Nov-09	23	9	\$30.61	Yes	\$35.64	\$5.03
1411	8-Nov-09	23	10	\$30.60	Yes	\$35.64	\$5.04
1412	8-Nov-09	23	11	\$30.23	Yes	\$35.64	\$5.41
1413	8-Nov-09	23	12	\$30.60	Yes	\$35.64	\$5.04



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1414	8-Nov-09	24	1	\$35.65	Yes	\$35.64	-\$0.01
1415	8-Nov-09	24	2	\$34.56	Yes	\$35.64	\$1.08
1416	8-Nov-09	24	3	\$32.76	Yes	\$35.64	\$2.88
1417	8-Nov-09	24	4	\$39.87	Yes	\$35.64	-\$4.23
1418	8-Nov-09	24	5	\$37.80	Yes	\$35.64	-\$2.16
1419	8-Nov-09	24	6	\$35.02	Yes	\$35.64	\$0.62
1420	8-Nov-09	24	7	\$34.30	Yes	\$35.64	\$1.34
1421	8-Nov-09	24	8	\$33.02	Yes	\$35.64	\$2.62
1422	8-Nov-09	24	9	\$32.27	Yes	\$35.64	\$3.37
1423	8-Nov-09	24	10	\$31.43	Yes	\$35.64	\$4.21
1424	8-Nov-09	24	11	\$31.43	Yes	\$35.64	\$4.21
1425	8-Nov-09	24	12	\$31.43	Yes	\$35.64	\$4.21
1426	9-Nov-09	9	6	\$28.31	Yes	\$39.61	\$11.30
1427	9-Nov-09	9	7	\$32.65	Yes	\$39.61	\$6.96
1428	9-Nov-09	9	8	\$43.46	Yes	\$39.61	-\$3.85
1429	9-Nov-09	9	9	\$40.90	Yes	\$39.61	-\$1.29
1430	9-Nov-09	9	10	\$43.66	Yes	\$39.61	-\$4.05
1431	9-Nov-09	9	11	\$43.46	Yes	\$39.61	-\$3.85
1432	9-Nov-09	9	12	\$38.99	Yes	\$39.61	\$0.62
1433	9-Nov-09	10	1	\$33.84	Yes	\$39.61	\$5.77
1434	9-Nov-09	10	2	\$35.82	Yes	\$39.61	\$3.79
1435	9-Nov-09	10	3	\$35.82	Yes	\$39.61	\$3.79
1436	9-Nov-09	10	4	\$37.60	Yes	\$39.61	\$2.01
1437	9-Nov-09	10	5	\$36.08	Yes	\$39.61	\$3.53
1438	9-Nov-09	10	6	\$37.60	Yes	\$39.61	\$2.01
1439	9-Nov-09	10	7	\$41.58	Yes	\$39.61	-\$1.97
1440	9-Nov-09	10	8	\$39.61	Yes	\$39.61	\$0.00
1441	9-Nov-09	10	9	\$37.62	Yes	\$39.61	\$1.99
1442	9-Nov-09	10	10	\$41.47	Yes	\$39.61	-\$1.86
1443	9-Nov-09	10	11	\$40.71	Yes	\$39.61	-\$1.10
1444	9-Nov-09	10	12	\$41.73	Yes	\$39.61	-\$2.12
1445	9-Nov-09	11	1	\$41.79	Yes	\$39.61	-\$2.18
1446	9-Nov-09	11	2	\$42.04	Yes	\$39.61	-\$2.43
1447	9-Nov-09	11	3	\$37.61	Yes	\$39.61	\$2.00
1448	9-Nov-09	11	4	\$42.10	Yes	\$39.61	-\$2.49
1449	9-Nov-09	11	5	\$41.87	Yes	\$39.61	-\$2.26
1450	9-Nov-09	11	6	\$42.04	Yes	\$39.61	-\$2.43
1451	9-Nov-09	11	7	\$46.31	Yes	\$39.61	-\$6.70
1452	9-Nov-09	11	8	\$42.36	Yes	\$39.61	-\$2.75
1453	9-Nov-09	11	9	\$42.36	Yes	\$39.61	-\$2.75
1454	9-Nov-09	11	10	\$54.07	Yes	\$39.61	-\$14.46
1455	9-Nov-09	11	11	\$106.14	Yes	\$39.61	-\$66.53
1456	9-Nov-09	11	12	\$151.77	Yes	\$39.61	-\$112.16
1457	9-Nov-09	12	1	\$72.21	Yes	\$39.61	-\$32.60
1458	9-Nov-09	12	2	\$57.23	Yes	\$39.61	-\$17.62

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1459	9-Nov-09	12	3	\$51.42	Yes	\$39.61	-\$11.81
1460	9-Nov-09	12	4	\$42.57	Yes	\$39.61	-\$2.96
1461	9-Nov-09	12	5	\$37.64	Yes	\$39.61	\$1.97
1462	9-Nov-09	12	6	\$42.13	Yes	\$39.61	-\$2.52
1463	9-Nov-09	12	7	\$41.71	Yes	\$39.61	-\$2.10
1464	9-Nov-09	12	8	\$42.69	Yes	\$39.61	-\$3.08
1465	9-Nov-09	12	9	\$42.33	Yes	\$39.61	-\$2.72
1466	9-Nov-09	12	10	\$48.51	Yes	\$39.61	-\$8.90
1467	9-Nov-09	12	11	\$42.57	Yes	\$39.61	-\$2.96
1468	9-Nov-09	12	12	\$48.51	Yes	\$39.61	-\$8.90
1469	9-Nov-09	13	1	\$45.62	Yes	\$39.61	-\$6.01
1470	9-Nov-09	13	2	\$46.66	Yes	\$39.61	-\$7.05
1471	9-Nov-09	13	3	\$46.61	Yes	\$39.61	-\$7.00
1472	9-Nov-09	13	4	\$46.37	Yes	\$39.61	-\$6.76
1473	9-Nov-09	13	5	\$46.66	Yes	\$39.61	-\$7.05
1474	9-Nov-09	13	6	\$46.37	Yes	\$39.61	-\$6.76
1475	9-Nov-09	13	7	\$46.46	Yes	\$39.61	-\$6.85
1476	9-Nov-09	13	8	\$45.60	Yes	\$39.61	-\$5.99
1477	9-Nov-09	13	9	\$49.94	Yes	\$39.61	-\$10.33
1478	9-Nov-09	13	10	\$42.60	Yes	\$39.61	-\$2.99
1479	9-Nov-09	13	11	\$46.65	Yes	\$39.61	-\$7.04
1480	9-Nov-09	13	12	\$72.81	Yes	\$39.61	-\$33.20
1481	9-Nov-09	14	1	\$46.48	Yes	\$39.61	-\$6.87
1482	9-Nov-09	14	2	\$48.43	Yes	\$39.61	-\$8.82
1483	9-Nov-09	14	3	\$49.47	Yes	\$39.61	-\$9.86
1484	9-Nov-09	14	4	\$45.79	Yes	\$39.61	-\$6.18
1485	9-Nov-09	14	5	\$48.39	Yes	\$39.61	-\$8.78
1486	9-Nov-09	14	6	\$48.62	Yes	\$39.61	-\$9.01
1487	9-Nov-09	14	7	\$51.50	Yes	\$39.61	-\$11.89
1488	9-Nov-09	14	8	\$40.83	Yes	\$39.61	-\$1.22
1489	9-Nov-09	14	9	\$40.27	Yes	\$39.61	-\$0.66
1490	9-Nov-09	14	10	\$41.79	Yes	\$39.61	-\$2.18
1491	9-Nov-09	14	11	\$45.33	Yes	\$39.61	-\$5.72
1492	9-Nov-09	14	12	\$43.08	Yes	\$39.61	-\$3.47
1493	9-Nov-09	15	1	\$48.84	Yes	\$39.61	-\$9.23
1494	9-Nov-09	15	2	\$47.94	Yes	\$39.61	-\$8.33
1495	9-Nov-09	15	3	\$46.35	Yes	\$39.61	-\$6.74
1496	9-Nov-09	15	4	\$42.52	Yes	\$39.61	-\$2.91
1497	9-Nov-09	15	5	\$48.94	Yes	\$39.61	-\$9.33
1498	9-Nov-09	15	6	\$50.91	Yes	\$39.61	-\$11.30
1499	9-Nov-09	15	7	\$48.43	Yes	\$39.61	-\$8.82
1500	9-Nov-09	15	8	\$48.43	Yes	\$39.61	-\$8.82
1501	9-Nov-09	15	9	\$42.50	Yes	\$39.61	-\$2.89
1502	9-Nov-09	15	10	\$47.96	Yes	\$39.61	-\$8.35
1503	9-Nov-09	15	11	\$42.51	Yes	\$39.61	-\$2.90

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1504	9-Nov-09	15	12	\$48.87	Yes	\$39.61	-\$9.26
1505	9-Nov-09	16	1	\$47.81	Yes	\$39.61	-\$8.20
1506	9-Nov-09	16	2	\$48.65	Yes	\$39.61	-\$9.04
1507	9-Nov-09	16	3	\$37.66	Yes	\$39.61	\$1.95
1508	9-Nov-09	16	4	\$33.75	Yes	\$39.61	\$5.86
1509	9-Nov-09	16	5	\$33.75	Yes	\$39.61	\$5.86
1510	9-Nov-09	16	6	\$32.57	Yes	\$39.61	\$7.04
1511	9-Nov-09	16	7	\$40.16	Yes	\$39.61	-\$0.55
1512	9-Nov-09	16	8	\$41.18	Yes	\$39.61	-\$1.57
1513	9-Nov-09	16	9	\$40.03	Yes	\$39.61	-\$0.42
1514	9-Nov-09	16	10	\$40.16	Yes	\$39.61	-\$0.55
1515	9-Nov-09	16	11	\$41.79	Yes	\$39.61	-\$2.18
1516	9-Nov-09	16	12	\$47.92	Yes	\$39.61	-\$8.31
1517	9-Nov-09	17	1	\$42.12	Yes	\$39.61	-\$2.51
1518	9-Nov-09	17	2	\$42.12	Yes	\$39.61	-\$2.51
1519	9-Nov-09	17	3	\$42.12	Yes	\$39.61	-\$2.51
1520	9-Nov-09	17	4	\$42.10	Yes	\$39.61	-\$2.49
1521	9-Nov-09	17	5	\$42.44	Yes	\$39.61	-\$2.83
1522	9-Nov-09	17	6	\$40.22	Yes	\$39.61	-\$0.61
1523	9-Nov-09	17	7	\$48.35	Yes	\$39.61	-\$8.74
1524	9-Nov-09	17	8	\$49.37	Yes	\$39.61	-\$9.76
1525	9-Nov-09	17	9	\$50.32	Yes	\$39.61	-\$10.71
1526	9-Nov-09	17	10	\$48.67	Yes	\$39.61	-\$9.06
1527	9-Nov-09	17	11	\$65.77	Yes	\$39.61	-\$26.16
1528	9-Nov-09	17	12	\$70.21	Yes	\$39.61	-\$30.60
1529	9-Nov-09	18	1	\$38.22	Yes	\$39.61	\$1.39
1530	9-Nov-09	18	2	\$38.22	Yes	\$39.61	\$1.39
1531	9-Nov-09	18	3	\$48.92	Yes	\$39.61	-\$9.31
1532	9-Nov-09	18	4	\$70.85	Yes	\$39.61	-\$31.24
1533	9-Nov-09	18	5	\$78.86	Yes	\$39.61	-\$39.25
1534	9-Nov-09	18	6	\$110.54	Yes	\$39.61	-\$70.93
1535	9-Nov-09	18	7	\$110.08	Yes	\$39.61	-\$70.47
1536	9-Nov-09	18	8	\$114.45	Yes	\$39.61	-\$74.84
1537	9-Nov-09	18	9	\$498.80	Yes	\$39.61	-\$459.19
1538	9-Nov-09	18	10	\$79.82	Yes	\$39.61	-\$40.21
1539	9-Nov-09	18	11	\$79.82	Yes	\$39.61	-\$40.21
1540	9-Nov-09	18	12	\$95.85	Yes	\$39.61	-\$56.24
1541	9-Nov-09	19	1	\$79.17	Yes	\$39.61	-\$39.56
1542	9-Nov-09	19	2	\$78.87	Yes	\$39.61	-\$39.26
1543	9-Nov-09	19	3	\$69.98	Yes	\$39.61	-\$30.37
1544	9-Nov-09	19	4	\$74.18	Yes	\$39.61	-\$34.57
1545	9-Nov-09	19	5	\$71.84	Yes	\$39.61	-\$32.23
1546	9-Nov-09	19	6	\$57.49	Yes	\$39.61	-\$17.88
1547	9-Nov-09	19	7	\$57.60	Yes	\$39.61	-\$17.99
1548	9-Nov-09	19	8	\$50.40	Yes	\$39.61	-\$10.79

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1549	9-Nov-09	19	9	\$43.41	Yes	\$39.61	-\$3.80
1550	9-Nov-09	19	10	\$44.07	Yes	\$39.61	-\$4.46
1551	9-Nov-09	19	11	\$44.07	Yes	\$39.61	-\$4.46
1552	9-Nov-09	19	12	\$45.07	Yes	\$39.61	-\$5.46
1553	9-Nov-09	20	1	\$53.31	Yes	\$39.61	-\$13.70
1554	9-Nov-09	20	2	\$57.30	Yes	\$39.61	-\$17.69
1555	9-Nov-09	20	3	\$53.31	Yes	\$39.61	-\$13.70
1556	9-Nov-09	20	4	\$53.29	Yes	\$39.61	-\$13.68
1557	9-Nov-09	20	5	\$60.38	Yes	\$39.61	-\$20.77
1558	9-Nov-09	20	6	\$53.29	Yes	\$39.61	-\$13.68
1559	9-Nov-09	20	7	\$73.25	Yes	\$39.61	-\$33.64
1560	9-Nov-09	20	8	\$70.70	Yes	\$39.61	-\$31.09
1561	9-Nov-09	20	9	\$70.70	Yes	\$39.61	-\$31.09
1562	9-Nov-09	20	10	\$45.04	Yes	\$39.61	-\$5.43
1563	9-Nov-09	20	11	\$48.94	Yes	\$39.61	-\$9.33
1564	9-Nov-09	20	12	\$42.39	Yes	\$39.61	-\$2.78
1565	9-Nov-09	21	1	\$66.22	Yes	\$39.61	-\$26.61
1566	9-Nov-09	21	2	\$66.22	Yes	\$39.61	-\$26.61
1567	9-Nov-09	21	3	\$49.50	Yes	\$39.61	-\$9.89
1568	9-Nov-09	21	4	\$46.43	Yes	\$39.61	-\$6.82
1569	9-Nov-09	21	5	\$42.44	Yes	\$39.61	-\$2.83
1570	9-Nov-09	21	6	\$37.61	Yes	\$39.61	\$2.00
1571	9-Nov-09	21	7	\$44.12	Yes	\$39.61	-\$4.51
1572	9-Nov-09	21	8	\$42.40	Yes	\$39.61	-\$2.79
1573	9-Nov-09	21	9	\$43.09	Yes	\$39.61	-\$3.48
1574	9-Nov-09	21	10	\$40.71	Yes	\$39.61	-\$1.10
1575	9-Nov-09	21	11	\$37.57	Yes	\$39.61	\$2.04
1576	9-Nov-09	21	12	\$37.07	Yes	\$39.61	\$2.54
1577	9-Nov-09	22	1	\$45.29	Yes	\$39.61	-\$5.68
1578	9-Nov-09	22	2	\$45.20	Yes	\$39.61	-\$5.59
1579	9-Nov-09	22	3	\$45.20	Yes	\$39.61	-\$5.59
1580	9-Nov-09	22	4	\$41.97	Yes	\$39.61	-\$2.36
1581	9-Nov-09	22	5	\$42.21	Yes	\$39.61	-\$2.60
1582	9-Nov-09	22	6	\$40.06	Yes	\$39.61	-\$0.45
1583	9-Nov-09	22	7	\$39.80	Yes	\$39.61	-\$0.19
1584	9-Nov-09	22	8	\$37.49	Yes	\$39.61	\$2.12
1585	9-Nov-09	22	9	\$37.49	Yes	\$39.61	\$2.12
1586	9-Nov-09	22	10	\$35.83	Yes	\$39.61	\$3.78
1587	9-Nov-09	22	11	\$30.21	Yes	\$39.61	\$9.40
1588	9-Nov-09	22	12	\$25.87	Yes	\$39.61	\$13.74
1589	10-Nov-09	17	4	\$31.90	Yes	\$37.05	\$5.15
1590	10-Nov-09	17	5	\$31.62	Yes	\$37.05	\$5.43
1591	10-Nov-09	17	6	\$33.06	Yes	\$37.05	\$3.99
1592	10-Nov-09	17	7	\$34.67	Yes	\$37.05	\$2.38
1593	10-Nov-09	17	8	\$37.77	Yes	\$37.05	-\$0.72

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1594	10-Nov-09	17	9	\$66.83	Yes	\$37.05	-\$29.78
1595	10-Nov-09	17	10	\$73.08	Yes	\$37.05	-\$36.03
1596	10-Nov-09	17	11	\$73.99	Yes	\$37.05	-\$36.94
1597	10-Nov-09	17	12	\$397.32	Yes	\$37.05	-\$360.27
1598	10-Nov-09	18	1	\$42.16	Yes	\$37.05	-\$5.11
1599	10-Nov-09	18	2	\$45.88	Yes	\$37.05	-\$8.83
1600	10-Nov-09	18	3	\$42.16	Yes	\$37.05	-\$5.11
1601	10-Nov-09	18	4	\$40.32	Yes	\$37.05	-\$3.27
1602	10-Nov-09	18	5	\$43.60	Yes	\$37.05	-\$6.55
1603	10-Nov-09	18	6	\$46.16	Yes	\$37.05	-\$9.11
1604	10-Nov-09	18	7	\$48.06	Yes	\$37.05	-\$11.01
1605	10-Nov-09	18	8	\$50.44	Yes	\$37.05	-\$13.39
1606	10-Nov-09	18	9	\$51.76	Yes	\$37.05	-\$14.71
1607	10-Nov-09	18	10	\$34.46	Yes	\$37.05	\$2.59
1608	10-Nov-09	18	11	\$34.46	Yes	\$37.05	\$2.59
1609	10-Nov-09	18	12	\$34.46	Yes	\$37.05	\$2.59
1610	10-Nov-09	19	1	\$36.50	Yes	\$37.05	\$0.55
1611	10-Nov-09	19	2	\$39.17	Yes	\$37.05	-\$2.12
1612	10-Nov-09	19	3	\$34.80	Yes	\$37.05	\$2.25
1613	10-Nov-09	19	4	\$38.10	Yes	\$37.05	-\$1.05
1614	10-Nov-09	19	5	\$36.49	Yes	\$37.05	\$0.56
1615	10-Nov-09	19	6	\$34.67	Yes	\$37.05	\$2.38
1616	10-Nov-09	19	7	\$34.78	Yes	\$37.05	\$2.27
1617	10-Nov-09	19	8	\$34.47	Yes	\$37.05	\$2.58
1618	10-Nov-09	19	9	\$33.84	Yes	\$37.05	\$3.21
1619	10-Nov-09	19	10	\$33.72	Yes	\$37.05	\$3.33
1620	10-Nov-09	19	11	\$33.72	Yes	\$37.05	\$3.33
1621	10-Nov-09	19	12	\$32.59	Yes	\$37.05	\$4.46
1622	10-Nov-09	20	1	\$44.89	Yes	\$37.05	-\$7.84
1623	10-Nov-09	20	2	\$42.06	Yes	\$37.05	-\$5.01
1624	10-Nov-09	20	3	\$41.01	Yes	\$37.05	-\$3.96
1625	10-Nov-09	20	4	\$33.62	Yes	\$37.05	\$3.43
1626	10-Nov-09	20	5	\$32.37	Yes	\$37.05	\$4.68
1627	10-Nov-09	20	6	\$31.81	Yes	\$37.05	\$5.24
1628	10-Nov-09	20	7	\$32.15	Yes	\$37.05	\$4.90
1629	10-Nov-09	20	8	\$31.83	Yes	\$37.05	\$5.22
1630	10-Nov-09	20	9	\$30.59	Yes	\$37.05	\$6.46
1631	10-Nov-09	20	10	\$32.06	Yes	\$37.05	\$4.99
1632	10-Nov-09	20	11	\$30.50	Yes	\$37.05	\$6.55
1633	10-Nov-09	20	12	\$30.50	Yes	\$37.05	\$6.55
1634	10-Nov-09	21	1	\$34.93	Yes	\$37.05	\$2.12
1635	10-Nov-09	21	2	\$39.71	Yes	\$37.05	-\$2.66
1636	10-Nov-09	21	3	\$40.68	Yes	\$37.05	-\$3.63
1637	10-Nov-09	21	4	\$32.82	Yes	\$37.05	\$4.23
1638	10-Nov-09	21	5	\$32.00	Yes	\$37.05	\$5.05

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1639	10-Nov-09	21	6	\$32.82	Yes	\$37.05	\$4.23
1640	10-Nov-09	21	7	\$32.05	Yes	\$37.05	\$5.00
1641	10-Nov-09	21	8	\$30.71	Yes	\$37.05	\$6.34
1642	10-Nov-09	21	9	\$29.98	Yes	\$37.05	\$7.07
1643	10-Nov-09	21	10	\$29.85	Yes	\$37.05	\$7.20
1644	10-Nov-09	21	11	\$29.49	Yes	\$37.05	\$7.56
1645	10-Nov-09	21	12	\$28.33	Yes	\$37.05	\$8.72
1646	10-Nov-09	22	1	\$39.75	Yes	\$37.05	-\$2.70
1647	10-Nov-09	22	2	\$37.57	Yes	\$37.05	-\$0.52
1648	10-Nov-09	22	3	\$37.76	Yes	\$37.05	-\$0.71
1649	10-Nov-09	22	4	\$33.32	Yes	\$37.05	\$3.73
1650	10-Nov-09	22	5	\$32.46	Yes	\$37.05	\$4.59
1651	10-Nov-09	22	6	\$31.80	Yes	\$37.05	\$5.25
1652	10-Nov-09	22	7	\$31.16	Yes	\$37.05	\$5.89
1653	10-Nov-09	22	8	\$29.40	Yes	\$37.05	\$7.65
1654	10-Nov-09	22	9	\$28.56	Yes	\$37.05	\$8.49
1655	10-Nov-09	22	10	\$28.08	Yes	\$37.05	\$8.97
1656	10-Nov-09	22	11	\$27.58	Yes	\$37.05	\$9.47
1657	10-Nov-09	22	12	\$23.85	Yes	\$37.05	\$13.20
1658	11-Nov-09	7	4	-\$86.01	Yes	\$37.08	\$123.09
1659	11-Nov-09	7	5	-\$85.10	Yes	\$37.08	\$122.18
1660	11-Nov-09	7	6	-\$59.66	Yes	\$37.08	\$96.74
1661	11-Nov-09	7	7	-\$87.43	Yes	\$37.08	\$124.51
1662	11-Nov-09	7	8	\$11.15	Yes	\$37.08	\$25.93
1663	11-Nov-09	7	9	-\$72.79	Yes	\$37.08	\$109.87
1664	11-Nov-09	7	10	\$32.20	Yes	\$37.08	\$4.88
1665	11-Nov-09	7	11	\$24.40	Yes	\$37.08	\$12.68
1666	11-Nov-09	7	12	\$25.77	Yes	\$37.08	\$11.31
1667	11-Nov-09	8	1	\$4.91	Yes	\$37.08	\$32.17
1668	11-Nov-09	8	2	\$5.55	Yes	\$37.08	\$31.53
1669	11-Nov-09	8	3	\$12.07	Yes	\$37.08	\$25.01
1670	11-Nov-09	8	4	\$22.63	Yes	\$37.08	\$14.45
1671	11-Nov-09	8	5	\$18.16	Yes	\$37.08	\$18.92
1672	11-Nov-09	8	6	\$22.64	Yes	\$37.08	\$14.44
1673	11-Nov-09	8	7	\$24.51	Yes	\$37.08	\$12.57
1674	11-Nov-09	8	8	\$24.61	Yes	\$37.08	\$12.47
1675	11-Nov-09	8	9	\$24.61	Yes	\$37.08	\$12.47
1676	11-Nov-09	8	10	\$24.67	Yes	\$37.08	\$12.41
1677	11-Nov-09	8	11	\$24.42	Yes	\$37.08	\$12.66
1678	11-Nov-09	8	12	\$22.81	Yes	\$37.08	\$14.27
1679	11-Nov-09	9	1	\$24.43	Yes	\$37.08	\$12.65
1680	11-Nov-09	9	2	\$24.43	Yes	\$37.08	\$12.65
1681	11-Nov-09	9	3	\$24.45	Yes	\$37.08	\$12.63
1682	11-Nov-09	9	4	\$24.69	Yes	\$37.08	\$12.39
1683	11-Nov-09	9	5	\$27.87	Yes	\$37.08	\$9.21

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1684	11-Nov-09	9	6	\$27.87	Yes	\$37.08	\$9.21
1685	11-Nov-09	9	7	\$24.77	Yes	\$37.08	\$12.31
1686	11-Nov-09	9	8	\$31.38	Yes	\$37.08	\$5.70
1687	11-Nov-09	9	9	\$31.38	Yes	\$37.08	\$5.70
1688	11-Nov-09	9	10	\$32.47	Yes	\$37.08	\$4.61
1689	11-Nov-09	9	11	\$32.62	Yes	\$37.08	\$4.46
1690	11-Nov-09	9	12	\$38.45	Yes	\$37.08	-\$1.37
1691	11-Nov-09	10	1	\$31.59	Yes	\$37.08	\$5.49
1692	11-Nov-09	10	2	\$31.59	Yes	\$37.08	\$5.49
1693	11-Nov-09	10	3	\$31.59	Yes	\$37.08	\$5.49
1694	11-Nov-09	10	4	\$32.94	Yes	\$37.08	\$4.14
1695	11-Nov-09	10	5	\$32.48	Yes	\$37.08	\$4.60
1696	11-Nov-09	10	6	\$32.94	Yes	\$37.08	\$4.14
1697	11-Nov-09	10	7	\$33.63	Yes	\$37.08	\$3.45
1698	11-Nov-09	10	8	\$34.10	Yes	\$37.08	\$2.98
1699	11-Nov-09	10	9	\$34.10	Yes	\$37.08	\$2.98
1700	11-Nov-09	10	10	\$34.07	Yes	\$37.08	\$3.01
1701	11-Nov-09	10	11	\$34.07	Yes	\$37.08	\$3.01
1702	11-Nov-09	10	12	\$32.50	Yes	\$37.08	\$4.58
1703	11-Nov-09	11	1	\$31.73	Yes	\$37.08	\$5.35
1704	11-Nov-09	11	2	\$30.87	Yes	\$37.08	\$6.21
1705	11-Nov-09	11	3	\$31.31	Yes	\$37.08	\$5.77
1706	11-Nov-09	11	4	\$31.78	Yes	\$37.08	\$5.30
1707	11-Nov-09	11	5	\$31.89	Yes	\$37.08	\$5.19
1708	11-Nov-09	11	6	\$31.89	Yes	\$37.08	\$5.19
1709	11-Nov-09	11	7	\$32.41	Yes	\$37.08	\$4.67
1710	11-Nov-09	11	8	\$32.43	Yes	\$37.08	\$4.65
1711	11-Nov-09	11	9	\$32.43	Yes	\$37.08	\$4.65
1712	11-Nov-09	11	10	\$32.51	Yes	\$37.08	\$4.57
1713	11-Nov-09	11	11	\$32.51	Yes	\$37.08	\$4.57
1714	11-Nov-09	11	12	\$32.51	Yes	\$37.08	\$4.57
1715	11-Nov-09	12	1	\$32.33	Yes	\$37.08	\$4.75
1716	11-Nov-09	12	2	\$32.33	Yes	\$37.08	\$4.75
1717	11-Nov-09	12	3	\$32.33	Yes	\$37.08	\$4.75
1718	11-Nov-09	12	4	\$32.50	Yes	\$37.08	\$4.58
1719	11-Nov-09	12	5	\$32.50	Yes	\$37.08	\$4.58
1720	11-Nov-09	12	6	\$32.50	Yes	\$37.08	\$4.58
1721	11-Nov-09	12	7	\$32.50	Yes	\$37.08	\$4.58
1722	11-Nov-09	12	8	\$32.67	Yes	\$37.08	\$4.41
1723	11-Nov-09	12	9	\$32.29	Yes	\$37.08	\$4.79
1724	11-Nov-09	12	10	\$32.52	Yes	\$37.08	\$4.56
1725	11-Nov-09	12	11	\$32.43	Yes	\$37.08	\$4.65
1726	11-Nov-09	12	12	\$34.09	Yes	\$37.08	\$2.99
1727	11-Nov-09	13	1	\$35.80	Yes	\$37.08	\$1.28
1728	11-Nov-09	13	2	\$35.80	Yes	\$37.08	\$1.28

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1729	11-Nov-09	13	3	\$34.59	Yes	\$37.08	\$2.49
1730	11-Nov-09	13	4	\$34.49	Yes	\$37.08	\$2.59
1731	11-Nov-09	13	5	\$34.49	Yes	\$37.08	\$2.59
1732	11-Nov-09	13	6	\$34.35	Yes	\$37.08	\$2.73
1733	11-Nov-09	13	7	\$34.43	Yes	\$37.08	\$2.65
1734	11-Nov-09	13	8	\$33.00	Yes	\$37.08	\$4.08
1735	11-Nov-09	13	9	\$32.04	Yes	\$37.08	\$5.04
1736	11-Nov-09	13	10	\$32.58	Yes	\$37.08	\$4.50
1737	11-Nov-09	13	11	\$32.58	Yes	\$37.08	\$4.50
1738	11-Nov-09	13	12	\$33.87	Yes	\$37.08	\$3.21
1739	11-Nov-09	14	1	\$34.30	Yes	\$37.08	\$2.78
1740	11-Nov-09	14	2	\$34.42	Yes	\$37.08	\$2.66
1741	11-Nov-09	14	3	\$34.28	Yes	\$37.08	\$2.80
1742	11-Nov-09	14	4	\$34.28	Yes	\$37.08	\$2.80
1743	11-Nov-09	14	5	\$34.46	Yes	\$37.08	\$2.62
1744	11-Nov-09	14	6	\$34.46	Yes	\$37.08	\$2.62
1745	11-Nov-09	14	7	\$34.43	Yes	\$37.08	\$2.65
1746	11-Nov-09	14	8	\$34.86	Yes	\$37.08	\$2.22
1747	11-Nov-09	14	9	\$34.86	Yes	\$37.08	\$2.22
1748	11-Nov-09	14	10	\$34.48	Yes	\$37.08	\$2.60
1749	11-Nov-09	14	11	\$34.48	Yes	\$37.08	\$2.60
1750	11-Nov-09	14	12	\$34.48	Yes	\$37.08	\$2.60
1751	11-Nov-09	15	1	\$45.15	Yes	\$37.08	-\$8.07
1752	11-Nov-09	15	2	\$40.59	Yes	\$37.08	-\$3.51
1753	11-Nov-09	15	3	\$37.60	Yes	\$37.08	-\$0.52
1754	11-Nov-09	15	4	\$32.58	Yes	\$37.08	\$4.50
1755	11-Nov-09	15	5	\$32.58	Yes	\$37.08	\$4.50
1756	11-Nov-09	15	6	\$32.38	Yes	\$37.08	\$4.70
1757	11-Nov-09	15	7	\$33.86	Yes	\$37.08	\$3.22
1758	11-Nov-09	15	8	\$32.40	Yes	\$37.08	\$4.68
1759	11-Nov-09	15	9	\$32.40	Yes	\$37.08	\$4.68
1760	11-Nov-09	15	10	\$32.29	Yes	\$37.08	\$4.79
1761	11-Nov-09	15	11	\$32.29	Yes	\$37.08	\$4.79
1762	11-Nov-09	15	12	\$32.29	Yes	\$37.08	\$4.79
1763	11-Nov-09	16	1	\$31.72	Yes	\$37.08	\$5.36
1764	11-Nov-09	16	2	\$31.72	Yes	\$37.08	\$5.36
1765	11-Nov-09	16	3	\$31.72	Yes	\$37.08	\$5.36
1766	11-Nov-09	16	4	\$31.67	Yes	\$37.08	\$5.41
1767	11-Nov-09	16	5	\$31.67	Yes	\$37.08	\$5.41
1768	11-Nov-09	16	6	\$31.67	Yes	\$37.08	\$5.41
1769	11-Nov-09	16	7	\$31.61	Yes	\$37.08	\$5.47
1770	11-Nov-09	16	8	\$32.12	Yes	\$37.08	\$4.96
1771	11-Nov-09	16	9	\$32.12	Yes	\$37.08	\$4.96
1772	11-Nov-09	16	10	\$32.27	Yes	\$37.08	\$4.81
1773	11-Nov-09	16	11	\$32.24	Yes	\$37.08	\$4.84



Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1774	11-Nov-09	16	12	\$32.18	Yes	\$37.08	\$4.90
1775	11-Nov-09	17	1	\$30.93	Yes	\$37.08	\$6.15
1776	11-Nov-09	17	2	\$30.61	Yes	\$37.08	\$6.47
1777	11-Nov-09	17	3	\$29.95	Yes	\$37.08	\$7.13
1778	11-Nov-09	17	4	\$30.06	Yes	\$37.08	\$7.02
1779	11-Nov-09	17	5	\$30.06	Yes	\$37.08	\$7.02
1780	11-Nov-09	17	6	\$29.93	Yes	\$37.08	\$7.15
1781	11-Nov-09	17	7	\$30.35	Yes	\$37.08	\$6.73
1782	11-Nov-09	17	8	\$31.02	Yes	\$37.08	\$6.06
1783	11-Nov-09	17	9	\$31.50	Yes	\$37.08	\$5.58
1784	11-Nov-09	17	10	\$31.48	Yes	\$37.08	\$5.60
1785	11-Nov-09	17	11	\$31.75	Yes	\$37.08	\$5.33
1786	11-Nov-09	17	12	\$40.03	Yes	\$37.08	-\$2.95
1787	11-Nov-09	18	1	\$31.83	Yes	\$37.08	\$5.25
1788	11-Nov-09	18	2	\$31.83	Yes	\$37.08	\$5.25
1789	11-Nov-09	18	3	\$31.83	Yes	\$37.08	\$5.25
1790	11-Nov-09	18	4	\$35.00	Yes	\$37.08	\$2.08
1791	11-Nov-09	18	5	\$41.55	Yes	\$37.08	-\$4.47
1792	11-Nov-09	18	6	\$82.18	Yes	\$37.08	-\$45.10
1793	11-Nov-09	18	7	\$302.39	Yes	\$37.08	-\$265.31
1794	11-Nov-09	18	8	\$296.04	Yes	\$37.08	-\$258.96
1795	11-Nov-09	18	9	\$82.46	Yes	\$37.08	-\$45.38
1796	11-Nov-09	18	10	\$41.63	Yes	\$37.08	-\$4.55
1797	11-Nov-09	18	11	\$35.73	Yes	\$37.08	\$1.35
1798	11-Nov-09	18	12	\$46.41	Yes	\$37.08	-\$9.33
1799	11-Nov-09	19	1	\$43.22	Yes	\$37.08	-\$6.14
1800	11-Nov-09	19	2	\$46.31	Yes	\$37.08	-\$9.23
1801	11-Nov-09	19	3	\$43.89	Yes	\$37.08	-\$6.81
1802	11-Nov-09	19	4	\$40.53	Yes	\$37.08	-\$3.45
1803	11-Nov-09	19	5	\$40.53	Yes	\$37.08	-\$3.45
1804	11-Nov-09	19	6	\$40.25	Yes	\$37.08	-\$3.17
1805	11-Nov-09	19	7	\$35.56	Yes	\$37.08	\$1.52
1806	11-Nov-09	19	8	\$33.95	Yes	\$37.08	\$3.13
1807	11-Nov-09	19	9	\$33.82	Yes	\$37.08	\$3.26
1808	11-Nov-09	19	10	\$33.44	Yes	\$37.08	\$3.64
1809	11-Nov-09	19	11	\$33.75	Yes	\$37.08	\$3.33
1810	11-Nov-09	19	12	\$31.54	Yes	\$37.08	\$5.54
1811	11-Nov-09	20	1	\$38.54	Yes	\$37.08	-\$1.46
1812	11-Nov-09	20	2	\$35.08	Yes	\$37.08	\$2.00
1813	11-Nov-09	20	3	\$33.59	Yes	\$37.08	\$3.49
1814	11-Nov-09	20	4	\$33.60	Yes	\$37.08	\$3.48
1815	11-Nov-09	20	5	\$32.86	Yes	\$37.08	\$4.22
1816	11-Nov-09	20	6	\$31.38	Yes	\$37.08	\$5.70
1817	11-Nov-09	20	7	\$31.39	Yes	\$37.08	\$5.69
1818	11-Nov-09	20	8	\$31.39	Yes	\$37.08	\$5.69

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1819	11-Nov-09	20	9	\$30.43	Yes	\$37.08	\$6.65
1820	11-Nov-09	20	10	\$30.35	Yes	\$37.08	\$6.73
1821	11-Nov-09	20	11	\$30.15	Yes	\$37.08	\$6.93
1822	11-Nov-09	20	12	\$29.88	Yes	\$37.08	\$7.20
1823	11-Nov-09	21	1	\$31.32	Yes	\$37.08	\$5.76
1824	11-Nov-09	21	2	\$32.93	Yes	\$37.08	\$4.15
1825	11-Nov-09	21	3	\$32.93	Yes	\$37.08	\$4.15
1826	11-Nov-09	21	4	\$31.45	Yes	\$37.08	\$5.63
1827	11-Nov-09	21	5	\$31.12	Yes	\$37.08	\$5.96
1828	11-Nov-09	21	6	\$30.85	Yes	\$37.08	\$6.23
1829	11-Nov-09	21	7	\$30.15	Yes	\$37.08	\$6.93
1830	11-Nov-09	21	8	\$29.65	Yes	\$37.08	\$7.43
1831	11-Nov-09	21	9	\$29.65	Yes	\$37.08	\$7.43
1832	11-Nov-09	21	10	\$29.73	Yes	\$37.08	\$7.35
1833	11-Nov-09	21	11	\$28.14	Yes	\$37.08	\$8.94
1834	11-Nov-09	21	12	\$27.59	Yes	\$37.08	\$9.49
1835	11-Nov-09	22	1	\$24.51	Yes	\$37.08	\$12.57
1836	11-Nov-09	22	2	\$22.23	Yes	\$37.08	\$14.85
1837	11-Nov-09	22	3	\$22.21	Yes	\$37.08	\$14.87
1838	11-Nov-09	22	4	\$17.02	Yes	\$37.08	\$20.06
1839	11-Nov-09	22	5	\$10.98	Yes	\$37.08	\$26.10
1840	11-Nov-09	22	6	-\$91.50	Yes	\$37.08	\$128.58
1841	11-Nov-09	22	7	\$13.01	Yes	\$37.08	\$24.07
1842	11-Nov-09	22	8	-\$88.89	Yes	\$37.08	\$125.97
1843	11-Nov-09	22	9	-\$88.65	Yes	\$37.08	\$125.73
1844	11-Nov-09	22	10	-\$55.51	Yes	\$37.08	\$92.59
1845	11-Nov-09	22	11	-\$78.63	Yes	\$37.08	\$115.71
1846	11-Nov-09	22	12	-\$51.65	Yes	\$37.08	\$88.73

## Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In November 2009, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS<sup>10</sup> and Delta Dispatch. Table 1 shows the costs by instruction type in November. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$12,885. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$27,879. The cost saving from the exceptional dispatch bid mitigation was \$14,994. The cost saving from the exceptional dispatches which are TMODEL7 accounted for approximately 96 percent of total cost saving in November. The cost saving from the exceptional dispatches which are Delta Dispatch accounted for approximately 1 percent of total cost saving.

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

Type	Number of Resource	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
Delta Dispatch	2	\$2,686	\$2,536	\$151
TMODEL5	2	\$5,765	\$5,426	\$339
TMODEL6	2	\$1,061	\$892	\$169
TMODEL7	1	\$18,367	\$4,032	\$14,335
Total	7	\$27,879	\$12,885	\$14,994

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

## CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 26<sup>th</sup> day of February, 2010.

*Is/ Anna Pascuzzo*

Anna Pascuzzo