



California Independent
System Operator Corporation

April 30, 2011

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

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

Dear Secretary Bose:

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

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

Respectfully submitted,

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Exceptional Dispatch Report

Table 2: January 2011

ISO Market Services

April 29, 2011

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Introduction

This report is filed pursuant to FERCs September 2, 2009, and May 4, 2010, orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15th of each month and one issued on the 30th of each month. This report provides data on the frequency, reasons and costs for Exceptional Dispatches issued in January 2011.

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

The Nature of Exceptional Dispatch

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

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

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

The following additional reasons for exceptional dispatch instructions in January 2011 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitments. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System (“ADS”) failure, or similar issues.); (2) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures; and (3) Ramp Rate, when exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in January which are self explanatory.

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

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

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

- MW column shows the range of exceptional dispatch instruction in MW for the classification.
- Commitment column specifies if there was a unit commitment for the classification.
- The INC/DEC/NA column specifies if there was an incremental dispatch (INC), a decremental dispatch (DEC), or only a unit commitment (NA). The Begin Time and End Time columns show the start and end time of exceptional dispatch for the classification respectively.
- The Hours column is the time difference between begin time and end time rounded up to the next hour.
- The total volume column shows the total MWh dispatch quantity dispatched for that classification. This quantity includes the minimum load quantity, the imbalance energy quantity, and the exceptional dispatch quantity.
- The Min-Load Cost column shows eligible minimum load cost for the classification.
- The Start-Up Cost column shows the eligible start up cost for the classification. Please note that the ISO does not explicitly pay resources for its start up and minimum load costs; however, it ensures that resources are compensated adequately through its bid cost recovery process.³
- The CC6470 column shows the total imbalance energy costs for the classification. This cost contains the portion of exceptional dispatch instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.

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

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

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

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

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

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

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

Table 1: Exceptional Dispatches in January 2011

**California Independent System Operator Corporation
Exceptional Dispatch Report
April 29, 2011**

Chart 2: Table of Exceptional Dispatches for Period 01/January/2011 - 31/January/2011

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	COI Limitation	N/A	N/A	23-Jan-11	100	Yes	INC	1	18:10	18:59	85.42	\$0	\$0	(\$3,985)	\$0	\$0	\$0	\$0	\$0	\$0
2	RT	G-206	SDG&E	San Diego	28-Jan-11	20	No	INC	10	5:00	14:17	186.75	\$2,245	\$0	(\$5,821)	\$0	(\$2)	\$0	(\$1)	\$0	\$0
3	RT	Generation Outage	SDG&E	San Diego	10-Jan-11	99	Yes	INC	3	1:10	3:59	196.10	\$3,839	\$486	(\$9,838)	\$91	(\$3,112)	\$0	\$0	(\$272)	\$0
4	RT	Market Disruption	N/A	N/A	1-Jan-11	250	Yes	INC	1	11:00	11:59	(250.00)	\$0	\$0	\$6,273	(\$250)	\$0	\$6,273	\$0	\$0	\$0
5	RT	Market Disruption	N/A	N/A	4-Jan-11	275	Yes	DEC	1	7:00	7:59	(26.00)	\$0	\$0	(\$3,052)	(\$275)	\$0	\$7,218	\$0	\$0	\$0
6	RT	Market Disruption	N/A	N/A	4-Jan-11	0	Yes	INC	1	7:00	7:59	(275.00)	\$0	\$0	\$11,064	\$0	\$0	\$0	\$0	\$0	\$0
7	RT	Market Disruption	N/A	N/A	28-Jan-11	200	No	INC	1	18:00	18:59	200.00	\$0	\$0	(\$7,562)	200.00	(\$7,562)	\$0	(\$2,600)	\$0	\$0
8	RT	Market Disruption	N/A	N/A	29-Jan-11	110- 575	No	DEC	3	2:00	4:59	(1080.00)	\$0	\$0	\$3,583	(625.00)	\$0	\$4,709	\$0	\$0	\$0
9	RT	Path 26	SCE	LA Basin	5-Jan-11	20	Yes	INC	23	1:00	23:59	458.83	\$57,167	\$0	(\$16,525)	0.00	\$0	\$0	\$0	\$0	\$0
10	RT	Ramp Rate	SCE	LA Basin	10-Jan-11	146	No	DEC	15	6:25	20:59	(366.12)	\$0	\$0	\$11,576	0.00	\$0	\$0	\$0	\$0	\$0
11	RT	Ramp Rate	SCE	LA Basin	10-Jan-11	50	No	INC	15	6:25	20:59	989.42	\$0	\$0	(\$192,981)	194.79	(\$6,517)	\$0	(\$2,045)	\$0	\$0
12	RT	Ramp Rate	SCE	LA Basin	11-Jan-11	146	No	DEC	14	6:35	19:59	(45.91)	\$0	\$0	\$36,032	0.00	\$0	\$0	\$0	\$0	\$0
13	RT	Ramp Rate	SCE	LA Basin	11-Jan-11	50	No	INC	14	6:35	19:59	1123.00	\$0	\$0	(\$104,718)	170.32	(\$7,086)	\$0	\$0	\$0	\$0
14	RT	Ramp Rate	SCE	LA Basin	15-Jan-11	8- 42	No	DEC	6	16:25	21:59	18.75	\$0	\$0	(\$376)	0.00	\$0	\$0	\$0	\$0	\$0
15	RT	Ramp Rate	SCE	LA Basin	15-Jan-11	24- 56	No	INC	6	16:25	21:59	(53.47)	\$0	\$0	\$1,487	0.92	(\$37)	\$0	\$0	\$0	\$0
16	RT	Ramp Rate	SCE	LA Basin	16-Jan-11	276- 312	No	DEC	7	13:10	19:59	(2079.72)	\$0	\$0	\$119,986	0.00	\$0	\$0	\$0	\$0	\$0
17	RT	Ramp Rate	SCE	LA Basin	16-Jan-11	16- 72	No	INC	7	13:10	19:59	226.79	\$0	\$0	(\$9,937)	247.09	(\$10,387)	\$0	\$0	\$0	\$0
18	RT	Ramp Rate	SCE	LA Basin	19-Jan-11	276- 326	No	DEC	6	14:59	19:59	(1701.99)	\$0	\$0	\$58,182	0.00	\$0	\$0	\$0	\$0	\$0
19	RT	Ramp Rate	SCE	LA Basin	19-Jan-11	170	No	INC	11	9:21	19:59	1837.84	\$0	\$0	(\$77,658)	1,249.13	(\$50,140)	\$0	\$0	\$0	\$0
20	RT	Ramp Rate	SCE	LA Basin	20-Jan-11	276	No	DEC	5	15:55	19:59	(1394.51)	\$0	\$0	\$140,001	0.00	\$0	\$0	\$0	\$0	\$0
21	RT	Ramp Rate	SCE	LA Basin	20-Jan-11	170	No	INC	6	14:05	19:59	951.13	\$0	\$0	(\$105,601)	582.14	(\$26,773)	\$0	\$0	\$0	\$0
22	RT	Ramp Rate	SCE	LA Basin	21-Jan-11	72	No	INC	3	16:35	18:59	143.05	\$0	\$0	(\$5,790)	126.91	(\$5,117)	\$0	\$0	\$0	\$0
23	RT	Ramp Rate	SCE	LA Basin	22-Jan-11	266	No	DEC	3	16:40	18:59	(667.87)	\$0	\$0	\$21,677	0.00	\$0	\$0	\$0	\$0	\$0
24	RT	Ramp Rate	SCE	LA Basin	22-Jan-11	72	No	INC	3	16:00	18:59	238.86	\$0	\$0	(\$10,532)	137.70	(\$5,552)	\$0	\$0	\$0	\$0
25	RT	Ramp Rate	SCE	LA Basin	23-Jan-11	266	No	DEC	4	15:30	18:59	(977.11)	\$0	\$0	\$31,786	0.00	\$0	\$0	\$0	\$0	\$0
26	RT	Ramp Rate	SCE	LA Basin	23-Jan-11	120	No	INC	4	15:25	18:59	265.31	\$0	\$0	(\$12,788)	86.80	(\$3,500)	\$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
27	RT	Ramp Rate	SCE	LA Basin	24-Jan-11	120	No	INC	6	14:30	19:59	509.85	\$0	\$0	(\$34,586)	351.14	(\$14,158)	\$0	\$0	\$0	\$0
28	RT	Ramp Rate	SCE	LA Basin	25-Jan-11	193- 266	No	DEC	12	8:50	19:59	(2871.95)	\$0	\$0	\$90,487	0.00	\$0	\$0	\$0	\$0	\$0
29	RT	Ramp Rate	SCE	LA Basin	25-Jan-11	116	No	INC	11	9:35	19:59	401.78	\$0	\$0	(\$18,671)	518.92	(\$20,923)	\$0	\$0	\$0	\$0
30	RT	Ramp Rate	SCE	LA Basin	26-Jan-11	120	No	INC	11	11:05	21:59	815.21	\$0	\$0	(\$30,521)	583.39	(\$15,346)	\$0	(\$6,963)	\$0	\$0
31	RT	Ramp Rate	SCE	LA Basin	27-Jan-11	14- 266	No	DEC	6	13:30	18:59	(369.40)	\$0	\$0	\$27,917	0.00	\$0	\$0	\$0	\$0	\$0
32	RT	Ramp Rate	SCE	LA Basin	27-Jan-11	21- 230	No	INC	11	11:20	21:59	775.17	\$0	\$0	(\$52,539)	649.74	(\$26,139)	\$0	\$0	\$0	\$0
33	RT	Ramp Rate	SCE	LA Basin	31-Jan-11	72	No	INC	4	15:10	18:59	182.77	\$0	\$0	(\$9,082)	100.23	(\$3,996)	\$0	\$0	\$0	\$0
34	RT	Ramp Rate	SDG&E	San Diego	28-Jan-11	70	No	INC	9	13:25	21:49	506.04	\$449	\$0	(\$12,797)	79.86	(\$3,949)	\$0	(\$1)	\$0	\$0
35	RT	Ramp Rate	SDG&E	San Diego	30-Jan-11	68	No	INC	2	8:34	9:19	31.20	\$884	\$0	(\$3,761)	0.01	(\$0)	\$0	\$0	\$0	\$0
36	RT	SCE Import Limit	SCE	LA Basin	28-Jan-11	25	No	INC	1	23:00	23:59	25.00	\$4,308	\$0	(\$863)	0.00	\$0	\$0	\$0	\$0	\$0
37	RT	SDG&E Import Limit	SDG&E	San Diego	28-Jan-11	20	No	INC	1	23:00	23:58	20.00	\$0	\$0	(\$699)	0.00	\$0	\$0	\$0	\$0	\$0
38	RT	SP26 Capacity	SCE	LA Basin	28-Jan-11	25	No	INC	18	5:00	22:59	737.46	\$64,624	\$51,004	(\$31,237)	228.93	(\$16,791)	\$0	\$0	\$0	\$0
39	RT	Software Limitation	N/A	N/A	4-Jan-11	257- 280	Yes	INC	2	6:39	7:01	160.24	\$0	\$0	(\$73,621)	92.06	(\$43,599)	\$0	\$0	\$0	\$0
40	RT	Software Limitation	N/A	N/A	25-Jan-11	34- 37	Yes	DEC	2	10:55	11:49	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
41	RT	Software Limitation	N/A	N/A	27-Jan-11	87- 140	Yes	DEC	5	16:50	20:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
42	RT	Software Limitation	N/A	N/A	27-Jan-11	47- 160	Yes	INC	5	16:50	20:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
43	RT	Software Limitation	N/A	N/A	28-Jan-11	200	No	INC	1	17:33	17:59	100.00	\$0	\$0	(\$1,442)	0.00	\$0	\$0	\$0	\$0	\$0
44	RT	Software Limitation	N/A	N/A	29-Jan-11	160	Yes	INC	1	10:10	10:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
45	RT	Software Limitation	PG&E	Bay Area	1-Jan-11	310- 830	No	INC	2	0:00	1:49	25.83	\$2,357	\$0	(\$71)	0.00	\$0	\$0	\$0	\$0	\$0
46	RT	Software Limitation	PG&E	Bay Area	4-Jan-11	255	No	INC	1	6:36	6:59	106.05	\$0	\$0	(\$54,487)	102.69	(\$52,006)	\$0	\$0	\$0	\$0
47	RT	Software Limitation	PG&E	Bay Area	14-Jan-11	600	No	INC	4	2:15	5:59	749.66	\$76,691	\$0	(\$22,278)	0.00	\$0	\$0	\$0	\$0	\$0
48	RT	Software Limitation	PG&E	Bay Area	22-Jan-11	380	No	INC	4	15:20	18:59	294.45	\$20,410	\$0	(\$2,848)	0.00	\$0	\$0	\$0	\$0	\$0
49	RT	Software Limitation	PG&E	Bay Area	25-Jan-11	380- 600	No	INC	9	15:30	23:59	587.22	\$0	\$0	(\$73,582)	0.01	(\$1)	\$0	\$0	\$0	\$0
50	RT	Software Limitation	PG&E	Bay Area	26-Jan-11	253- 380	No	INC	2	0:00	1:59	137.99	\$4,958	\$0	(\$2,185)	0.01	(\$0)	\$0	\$0	\$0	\$0
51	RT	Software Limitation	PG&E	Fresno	2-Jan-11	83	No	INC	2	11:51	12:04	16.60	\$0	\$0	(\$482)	0.00	\$0	\$0	\$0	\$0	\$0
52	RT	Software Limitation	PG&E	Fresno	3-Jan-11	0	No	INC	1	6:35	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
53	RT	Software Limitation	PG&E	Fresno	4-Jan-11	83- 497	Yes	INC	4	6:23	9:54	365.28	\$0	\$0	(\$228,189)	189.70	(\$133,540)	\$0	\$0	\$0	\$0
54	RT	Software Limitation	PG&E	Fresno	10-Jan-11	0	Yes	INC	14	0:10	13:14	6.92	\$0	\$53	(\$214)	0.00	\$0	\$0	\$0	\$0	\$0
55	RT	Software Limitation	PG&E	Fresno	16-Jan-11	0	Yes	INC	24	0:15	23:58	7.71	\$1,245	\$833	(\$215)	0.00	\$0	\$0	\$0	\$0	\$0
56	RT	Software Limitation	PG&E	Fresno	17-Jan-11	0	Yes	INC	2	0:00	1:19	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Software Limitation	PG&E	Fresno	18-Jan-11	0	Yes	INC	24	0:00	23:59	(70.08)	\$1,245	\$300	\$1,090	0.00	\$0	\$0	\$0	\$0	\$0
58	RT	Software Limitation	PG&E	Fresno	19-Jan-11	0	No	INC	1	0:00	0:24	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
59	RT	Software Limitation	PG&E	Fresno	23-Jan-11	308	No	DEC	2	10:55	11:59	(346.50)	\$0	\$0	\$13,175	0.00	\$0	\$0	\$0	\$0	\$0
60	RT	Software Limitation	PG&E	Fresno	24-Jan-11	320	No	INC	4	17:49	20:59	(392.65)	\$4,798	\$4,022	\$35,380	0.00	\$0	\$0	\$0	\$0	\$0
61	RT	Software Limitation	PG&E	Fresno	25-Jan-11	0	Yes	INC	2	19:45	20:44	1.17	\$211	\$27	(\$31)	0.00	\$0	\$0	\$0	\$0	\$0
62	RT	Software Limitation	PG&E	Fresno	27-Jan-11	427	Yes	INC	2	18:35	19:14	(214.13)	\$2,893	\$0	\$6,779	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
63	RT	Software Limitation	PG&E	Fresno	31-Jan-11	0	No	INC	1	5:30	5:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
64	RT	Software Limitation	PG&E	Humboldt	26-Jan-11	15- 200	No	INC	6	17:00	22:59	26.34	\$494	\$0	(\$471)	8.82	(\$368)	\$0	\$0	\$0	\$0
65	RT	Software Limitation	PG&E	Humboldt	27-Jan-11	16	No	INC	2	17:56	18:44	5.00	\$0	\$0	(\$563)	0.04	(\$2)	\$0	\$0	\$0	\$0
66	RT	Software Limitation	PG&E	Humboldt	31-Jan-11	48- 80	No	INC	10	14:45	23:59	414.23	\$3,894	\$87	(\$25,513)	94.29	(\$3,408)	\$0	\$0	\$0	\$0
67	RT	Software Limitation	PG&E	N/A	4-Jan-11	640	Yes	INC	2	6:28	7:05	443.14	\$9,947	\$700	(\$193,527)	112.67	(\$57,681)	\$0	\$0	\$0	\$0
68	RT	Software Limitation	PG&E	N/A	15-Jan-11	0	Yes	INC	11	13:35	23:59	4.95	\$0	\$0	(\$195)	0.00	\$0	\$0	\$0	\$0	\$0
69	RT	Software Limitation	PG&E	N/A	16-Jan-11	0	No	INC	14	0:00	13:34	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
70	RT	Software Limitation	PG&E	N/A	19-Jan-11	0	Yes	INC	2	22:00	23:59	0.00	\$0	\$3,894	\$0	0.00	\$0	\$0	\$0	\$0	\$0
71	RT	Software Limitation	PG&E	N/A	20-Jan-11	5	Yes	INC	7	0:00	6:14	0.36	\$0	\$0	(\$10)	0.00	\$0	\$0	\$0	\$0	\$0
72	RT	Software Limitation	PG&E	N/A	26-Jan-11	200	No	INC	3	17:15	19:54	467.17	\$6,184	\$0	(\$20,709)	5.75	(\$277)	\$0	\$0	\$0	\$0
73	RT	Software Limitation	PG&E	N/A	27-Jan-11	200	Yes	INC	5	17:56	21:59	93.60	\$2,978	\$240	(\$62,362)	0.00	\$0	\$0	\$0	\$0	\$0
74	RT	Software Limitation	PG&E	Sierra	4-Jan-11	149	Yes	INC	2	6:28	7:05	107.81	\$0	\$0	(\$50,082)	74.20	(\$38,286)	\$0	\$0	\$0	\$0
75	RT	Software Limitation	SCE	Big Creek-Ventura	13-Jan-11	0	Yes	INC	1	23:50	23:59	40.42	\$961	\$0	(\$612)	0.00	\$0	\$0	\$0	\$0	\$0
76	RT	Software Limitation	SCE	Big Creek-Ventura	14-Jan-11	0	No	INC	5	0:00	4:49	2.64	\$0	\$0	(\$114)	0.00	\$0	\$0	\$0	\$0	\$0
77	RT	Software Limitation	SCE	Big Creek-Ventura	17-Jan-11	50	Yes	INC	3	19:40	21:59	121.08	\$0	\$0	(\$3,874)	0.00	\$0	\$0	\$0	\$0	\$0
78	RT	Software Limitation	SCE	Big Creek-Ventura	20-Jan-11	50	Yes	INC	2	6:00	7:59	130.92	\$0	\$0	(\$37,769)	0.00	\$0	\$0	\$0	\$0	\$0
79	RT	Software Limitation	SCE	LA Basin	7-Jan-11	159- 225	No	DEC	4	3:00	6:59	(826.90)	\$0	\$0	\$97	(824.12)	\$0	\$0	\$0	\$0	\$0
80	RT	Software Limitation	SCE	LA Basin	20-Jan-11	18	No	INC	2	15:00	16:59	27.00	\$0	\$0	(\$704)	0.00	\$0	\$0	\$0	\$0	\$0
81	RT	Software Limitation	SCE	LA Basin	22-Jan-11	159	No	DEC	1	6:00	6:59	(143.97)	\$0	\$0	\$3,886	(85.73)	\$0	\$230	\$0	\$0	\$0
82	RT	Software Limitation	SCE	LA Basin	24-Jan-11	240- 525	No	DEC	19	4:00	22:59	(8390.00)	\$0	\$0	\$147,707	(7519.02)	\$0	\$126,466	\$0	\$0	\$0
83	RT	Software Limitation	SCE	LA Basin	25-Jan-11	0	Yes	INC	2	19:10	20:09	0.48	\$0	\$0	(\$14)	0.00	\$0	\$0	\$0	\$0	\$0
84	RT	Software Limitation	SCE	LA Basin	26-Jan-11	300	No	INC	7	12:00	18:59	3361.48	\$25,008	\$0	(\$110,405)	0.00	\$0	\$0	\$0	\$0	\$0
85	RT	Software Limitation	SCE	LA Basin	28-Jan-11	240- 1516	No	INC	9	12:50	20:59	750.44	\$6,455	\$4,782	(\$36,674)	871.35	(\$51,056)	\$7,069	\$0	\$0	\$0
86	RT	Software Limitation	SCE	LA Basin	29-Jan-11	15	No	DEC	1	8:50	8:54	(2.56)	\$0	\$0	\$64	(1.28)	\$0	\$0	\$0	\$0	\$0
87	RT	Software Limitation	SCE	LA Basin	29-Jan-11	160	Yes	INC	19	0:20	18:59	1638.52	\$2,147	\$0	(\$118,509)	1280.00	(\$78,520)	\$0	\$0	\$0	\$0
88	RT	Software Limitation	SCE	LA Basin	31-Jan-11	0	Yes	INC	4	20:10	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
89	RT	Software Limitation	SCE	N/A	4-Jan-11	1	No	DEC	2	6:30	7:01	2.46	\$0	\$0	(\$484)	0.00	\$0	\$0	\$0	\$0	\$0
90	RT	Software Limitation	SCE	N/A	4-Jan-11	65	No	INC	2	6:30	7:01	7.63	\$0	\$0	(\$354)	0.00	\$0	\$0	\$0	\$0	\$0
91	RT	Software Limitation	SDG&E	N/A	13-Jan-11	0	No	INC	1	23:15	23:59	15.12	\$0	\$0	(\$414)	0.00	\$0	\$0	\$0	\$0	\$0
92	RT	Software Limitation	SDG&E	N/A	14-Jan-11	0	No	INC	1	0:00	0:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
93	RT	Software Limitation	SDG&E	N/A	28-Jan-11	385	No	INC	1	18:05	18:41	(134.12)	\$0	\$0	\$4,156	(84.22)	\$0	\$1,747	\$0	\$0	\$0
94	RT	Software Limitation	SDG&E	San Diego	1-Jan-11	0	Yes	INC	2	22:50	23:19	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Ho urs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC647 0 DEC	CC6482	CC648 8	CC6620
95	RT	Software Limitation	SDG&E	San Diego	6-Jan-11	0	Yes	INC	2	21:50	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	SDG&E	San Diego	10-Jan-11	0	Yes	INC	3	2:30	4:29	38.88	\$0	\$0	(\$5,474)	0.00	\$0	\$0	\$0	\$0	\$0
97	RT	Software Limitation	SDG&E	San Diego	18-Jan-11	155	Yes	INC	16	0:00	15:59	966.10	\$29,622	\$0	(\$14,871)	0.00	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	SDG&E	San Diego	24-Jan-11	136	Yes	INC	2	7:24	8:59	6.66	\$747	\$171	(\$269)	0.00	\$0	\$0	\$0	\$0	\$0
99	RT	Software Limitation	SDG&E	San Diego	28-Jan-11	350	No	INC	1	18:06	18:26	(130.00)	\$0	\$0	\$5,119	(78.90)	\$0	\$2,424	\$0	\$0	\$0
100	RT	Software Limitation	SDG&E	San Diego	30-Jan-11	20	No	INC	15	8:00	22:59	655.31	\$3,023	\$0	(\$41,258)	5.68	(\$269)	\$0	\$0	\$0	\$0
101	RT	System Energy	N/A	N/A	6-Jan-11	175	Yes	INC	1	18:00	18:59	175.00	\$0	\$0	(\$1,729)	175.00	(\$1,729)	\$0	(\$11,470)	\$0	\$0
102	RT	System Energy	N/A	N/A	26-Jan-11	752	No	DEC	1	17:00	17:59	(752.00)	\$0	\$0	\$16,388	(752.00)	\$0	\$16,388	\$0	\$0	\$0
103	RT	System Energy	N/A	N/A	27-Jan-11	650	No	DEC	2	17:00	18:59	(1300.00)	\$0	\$0	\$36,630	(1300.00)	\$0	\$36,630	\$0	\$0	\$0
104	RT	System Energy	N/A	N/A	27-Jan-11	0	No	INC	2	17:00	18:59	(219.00)	\$0	\$0	\$7,531	(219.00)	\$0	\$7,531	\$0	\$0	\$0
105	RT	System Energy	N/A	N/A	29-Jan-11	150- 200	No	DEC	2	17:00	18:59	(350.00)	\$0	\$0	\$7,705	(350.00)	\$0	\$7,705	\$0	\$0	\$0
106	RT	System Energy	PG&E	Fresno	1-Jan-11	42	Yes	INC	2	19:09	20:09	47.15	\$2,151	\$1,227	(\$4,432)	19.58	(\$883)	\$0	(\$136)	\$0	\$0
107	RT	System Energy	PG&E	N/A	19-Jan-11	256	Yes	INC	4	16:35	19:59	1507.04	\$13,787	\$27,261	(\$63,600)	225.67	(\$6,517)	\$0	(\$3,024)	\$0	\$0
108	RT	System Energy	SCE	LA Basin	20-Jan-11	195- 260	Yes	INC	4	17:44	20:09	663.28	\$32,200	\$5,068	(\$23,107)	171.90	(\$5,976)	\$0	(\$6,731)	\$0	\$0
109	RT	System Reliability	PG&E	Humboldt	30-Jan-11	15	No	INC	17	0:00	16:59	270.55	\$4,357	\$0	(\$13,101)	36.68	(\$1,439)	\$0	\$0	(\$224)	\$0
110	RT	System Reliability	SDG&E	N/A	13-Jan-11	185	No	INC	2	22:45	23:29	45.95	\$0	\$0	(\$1,306)	2.20	(\$71)	\$0	(\$39)	\$0	\$0
111	RT	System Reliability	SDG&E	San Diego	7-Jan-11	200	No	INC	1	21:00	21:59	215.89	\$0	\$0	(\$6,338)	0.00	\$0	\$0	\$0	\$0	\$0
112	RT	T-103	SCE	LA Basin	24-Jan-11	266	No	DEC	6	14:55	19:59	(1298.49)	\$0	\$0	\$56,684	0.00	\$0	\$0	\$0	\$0	\$0
113	RT	T-103	SCE	LA Basin	25-Jan-11	10	Yes	INC	24	0:00	23:59	583.48	\$2,167	\$0	(\$28,158)	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	T-103	SCE	LA Basin	28-Jan-11	160	No	INC	11	7:40	17:59	1806.95	\$11,271	\$0	(\$50,612)	1016.62	(\$32,313)	\$0	\$0	\$0	\$0
115	RT	T-129	PG&E	Fresno	21-Jan-11	83	Yes	INC	2	13:00	14:14	107.34	\$2,490	\$400	(\$3,619)	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	T-129	PG&E	Fresno	31-Jan-11	308	No	DEC	2	4:55	5:29	(141.17)	\$0	\$0	\$2,789	0.00	\$0	\$0	\$0	\$0	\$0
117	RT	T-129	PG&E	Fresno	31-Jan-11	0	No	INC	2	4:55	5:29	(12.83)	\$0	\$0	\$378	0.00	\$0	\$0	\$0	\$0	\$0
118	RT	T-132	SDG&E	N/A	13-Jan-11	185	No	INC	1	23:00	23:14	38.24	\$0	\$0	(\$1,202)	2.20	(\$71)	\$0	(\$39)	\$0	\$0
119	RT	T-132	SDG&E	San Diego	10-Jan-11	180- 437	Yes	INC	5	1:10	5:59	974.44	\$36,095	\$2,205	(\$46,965)	77.80	(\$3,082)	\$0	\$0	(\$7,432)	\$0
120	RT	T-132	SDG&E	San Diego	28-Jan-11	243	No	INC	2	20:27	21:44	18.09	\$0	\$0	(\$559)	8.72	(\$229)	\$0	\$0	(\$26)	\$0
121	RT	T-138	N/A	N/A	8-Jan-11	33	No	INC	2	0:34	1:25	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
122	RT	T-138	PG&E	Fresno	10-Jan-11	35	Yes	DEC	4	18:13	21:09	7.74	\$0	\$0	(\$313)	0.00	\$0	\$0	\$0	\$0	\$0
123	RT	T-138	PG&E	Fresno	10-Jan-11	14- 48	Yes	INC	23	1:00	23:58	69.38	\$0	\$0	(\$3,412)	0.00	\$0	\$0	\$0	\$0	\$0
124	RT	T-138	PG&E	Humboldt	1-Jan-11	29- 45	No	INC	22	0:00	21:49	62.57	\$1,692	\$0	(\$2,424)	11.43	(\$399)	\$0	\$0	(\$56)	\$0
125	RT	T-138	PG&E	Humboldt	2-Jan-11	29- 46	No	INC	17	7:42	23:59	112.61	\$3,861	\$0	(\$9,432)	19.32	(\$1,275)	\$0	\$0	(\$134)	\$0
126	RT	T-138	PG&E	Humboldt	3-Jan-11	15- 80	No	INC	24	0:00	23:58	262.88	\$16,016	\$26	(\$11,687)	42.66	(\$1,765)	\$0	\$0	(\$95)	\$0
127	RT	T-138	PG&E	Humboldt	4-Jan-11	16- 123	No	INC	24	0:00	23:58	574.37	\$14,872	\$93	(\$27,118)	22.39	(\$1,225)	\$488	\$0	(\$172)	\$0
128	RT	T-138	PG&E	Humboldt	5-Jan-11	29- 121	No	INC	24	0:00	23:58	197.36	\$14,314	\$0	(\$9,419)	48.05	(\$2,185)	\$63	\$0	(\$591)	\$0
129	RT	T-138	PG&E	Humboldt	6-Jan-11	16- 122	No	INC	24	0:00	23:59	356.00	\$21,948	\$0	(\$15,398)	47.54	(\$1,745)	\$0	\$0	(\$395)	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
130	RT	T-138	PG&E	Humboldt	7-Jan-11	16- 48	No	INC	18	0:00	17:07	297.38	\$4,392	\$0	(\$12,798)	67.19	(\$3,037)	\$0	\$0	(\$226)	\$0
131	RT	T-138	PG&E	Humboldt	8-Jan-11	16- 33	No	INC	-16	18:55	1:25	5.84	\$503	\$0	(\$678)	5.55	(\$263)	\$36	\$0	(\$65)	\$0
132	RT	T-138	PG&E	Humboldt	9-Jan-11	16- 32	No	INC	6	17:00	22:59	(239.04)	\$1,273	\$0	\$288	2.81	(\$153)	\$395	\$0	(\$487)	\$0
133	RT	T-138	PG&E	Humboldt	10-Jan-11	29- 92	No	INC	14	10:00	23:59	80.11	\$4,702	\$0	(\$3,099)	40.54	(\$1,487)	\$53	\$0	(\$323)	\$0
134	RT	T-138	PG&E	Humboldt	11-Jan-11	33- 44	No	INC	18	5:07	22:29	70.25	\$1,029	\$0	(\$3,387)	21.17	(\$810)	\$0	\$0	(\$56)	\$0
135	RT	T-138	PG&E	Humboldt	12-Jan-11	33- 81	No	INC	17	7:20	23:58	(77.96)	\$4,520	\$39	\$49,072	120.90	(\$15,840)	\$0	\$0	(\$11)	\$0
136	RT	T-138	PG&E	Humboldt	13-Jan-11	33- 48	No	INC	17	0:00	16:59	165.02	\$429	\$0	(\$5,793)	68.99	(\$2,378)	\$0	\$0	(\$226)	\$0
137	RT	T-138	PG&E	Humboldt	14-Jan-11	44	No	INC	2	19:35	20:19	(4.69)	\$0	\$0	\$185	0.00	\$0	\$0	\$0	\$0	\$0
138	RT	T-138	PG&E	Humboldt	15-Jan-11	32	No	INC	3	18:45	20:59	53.86	\$0	\$0	(\$1,696)	1.75	(\$55)	\$0	\$0	(\$2)	\$0
139	RT	T-138	PG&E	Humboldt	17-Jan-11	29- 125	No	INC	8	14:15	21:59	92.31	\$6,795	\$0	(\$8,579)	23.03	(\$784)	\$0	\$0	(\$209)	\$0
140	RT	T-138	PG&E	Humboldt	18-Jan-11	32	No	INC	1	23:20	23:59	5.93	\$0	\$0	(\$98)	1.14	(\$19)	\$0	\$0	(\$30)	\$0
141	RT	T-138	PG&E	Humboldt	19-Jan-11	32- 75	No	INC	23	0:00	22:09	477.06	\$13,256	\$0	(\$11,256)	133.02	(\$3,223)	\$0	\$0	(\$1,673)	\$0
142	RT	T-138	PG&E	Humboldt	22-Jan-11	15- 59	No	INC	18	6:00	23:58	306.92	\$5,909	\$0	(\$8,482)	34.96	(\$916)	\$0	\$0	(\$624)	\$0
143	RT	T-138	PG&E	Humboldt	23-Jan-11	15- 16	No	INC	21	0:00	20:05	165.11	\$4,122	\$0	(\$4,778)	15.73	(\$283)	\$0	\$0	(\$301)	\$0
144	RT	T-138	PG&E	Humboldt	24-Jan-11	15	No	INC	1	23:48	23:58	(1.35)	\$0	\$0	\$30	0.00	\$0	\$0	\$0	\$0	\$0
145	RT	T-138	PG&E	Humboldt	25-Jan-11	15- 48	No	INC	24	0:00	23:15	266.94	\$2,944	\$0	(\$10,897)	40.78	(\$1,646)	\$0	\$0	(\$391)	\$0
146	RT	T-138	PG&E	Humboldt	26-Jan-11	32	No	INC	1	22:00	22:59	10.57	\$197	\$0	(\$499)	0.00	\$0	\$0	\$0	\$0	\$0
147	RT	T-138	PG&E	Humboldt	28-Jan-11	16- 30	No	INC	2	5:16	6:44	26.55	\$0	\$0	(\$784)	3.94	(\$97)	\$0	\$0	(\$55)	\$0
148	RT	T-138	PG&E	Humboldt	30-Jan-11	48	No	INC	3	20:49	22:24	53.32	\$834	\$0	(\$4,327)	20.96	(\$798)	\$0	\$0	(\$105)	\$0
149	RT	Transmission Outage Other	SDG&E	San Diego	27-Jan-11	45	No	INC	2	8:35	9:44	48.78	\$1,514	\$63	(\$1,986)	0.00	\$0	\$0	\$0	\$0	\$0
150	RT	Transmission Outage PG&E	N/A	N/A	12-Jan-11	65	No	DEC	1	19:00	19:39	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
151	RT	Transmission Outage PG&E	N/A	N/A	20-Jan-11	16	Yes	INC	4	12:40	15:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
152	RT	Transmission Outage PG&E	PG&E	Humboldt	20-Jan-11	16	Yes	INC	5	12:15	16:27	67.74	\$2,328	\$0	(\$1,924)	14.61	(\$414)	\$0	\$0	(\$177)	\$0
153	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	6-Jan-11	424- 520	Yes	INC	8	9:33	16:24	3270.91	\$0	\$0	(\$109,155)	0.00	\$0	\$0	\$0	\$0	\$0
154	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	26-Jan-11	855- 905	No	INC	2	18:19	19:14	935.70	\$0	\$0	(\$46,106)	0.00	\$0	\$0	\$0	\$0	\$0
155	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Jan-11	45	Yes	INC	13	7:44	19:14	515.73	\$27,705	\$225	(\$19,669)	0.00	\$0	\$0	\$0	\$0	\$0
156	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Jan-11	45	Yes	INC	9	8:10	16:59	389.93	\$20,067	\$0	(\$15,122)	0.00	\$0	\$0	\$0	\$0	\$0
157	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Jan-11	14	Yes	INC	5	8:21	12:29	56.07	\$5,000	\$568	(\$1,962)	0.00	\$0	\$0	\$0	\$0	\$0
158	RT	Transmission Outage SDG&E	SDG&E	San Diego	13-Jan-11	18	Yes	INC	5	10:22	14:59	70.50	\$5,890	\$342	(\$2,286)	0.00	\$0	\$0	\$0	\$0	\$0
159	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Jan-11	200- 299	Yes	INC	13	7:03	19:59	1938.28	\$59,597	\$9,586	(\$80,038)	71.37	(\$2,429)	\$0	\$0	(\$287)	\$0
160	RT	Transmission Outage SDG&E	SDG&E	San Diego	19-Jan-11	47	Yes	INC	7	10:00	16:59	322.73	\$15,293	\$208	(\$6,837)	13.73	(\$291)	\$0	\$0	(\$298)	\$0
161	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Jan-11	45	Yes	INC	9	10:28	18:59	352.75	\$16,865	\$228	(\$15,916)	0.00	\$0	\$0	\$0	\$0	\$0
162	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jan-11	45	No	INC	1	9:40	9:44	7.53	\$379	\$16	(\$317)	0.00	\$0	\$0	\$0	\$0	\$0
163	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Jan-11	20	No	INC	15	8:00	22:59	760.83	\$20,441	\$0	(\$57,775)	140.00	(\$6,003)	\$0	\$0	\$0	\$0
164	RT	Unit Testing	PG&E	N/A	14-Jan-11	200- 750	Yes	INC	7	13:10	19:34	4282.99	\$28,159	\$52,878	(\$107,566)	3759.40	(\$94,918)	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
165	RT	Unit Testing	PG&E	N/A	19-Jan-11	265- 754	Yes	INC	6	11:20	16:34	3626.32	\$21,009	\$41,540	(\$64,454)	3129.27	(\$57,358)	\$0	\$0	\$0	\$0
166	RT	Voltage Control	PG&E	Fresno	2-Jan-11	308	No	DEC	9	2:15	10:59	(2695.00)	\$0	\$0	\$128,661	0.00	\$0	\$0	\$0	\$0	\$0
167	RT	Voltage Control	PG&E	Fresno	2-Jan-11	83	Yes	INC	2	11:40	12:59	89.23	\$3,735	\$1,000	(\$3,371)	0.00	\$0	\$0	\$0	\$0	\$0
168	RT	Voltage Support	N/A	N/A	25-Jan-11	20- 260	No	DEC	16	7:00	22:09	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
169	RT	Voltage Support	PG&E	Fresno	3-Jan-11	0- 308	Yes	DEC	22	0:55	21:59	(1651.45)	\$0	\$0	\$66,873	0.00	\$0	\$0	\$0	\$0	\$0
170	RT	Voltage Support	PG&E	Fresno	3-Jan-11	83	Yes	INC	10	12:08	21:59	283.78	\$22,410	\$900	(\$9,676)	0.00	\$0	\$0	\$0	\$0	\$0
171	RT	Voltage Support	PG&E	Fresno	7-Jan-11	308	No	DEC	4	1:26	4:29	(302.87)	\$0	\$0	\$9,910	0.00	\$0	\$0	\$0	\$0	\$0
172	RT	Voltage Support	PG&E	Fresno	12-Jan-11	308	Yes	DEC	2	2:35	3:29	(308.00)	\$0	\$0	\$9,829	0.00	\$0	\$0	\$0	\$0	\$0
173	RT	Voltage Support	PG&E	Fresno	16-Jan-11	308	No	DEC	1	3:00	3:59	(295.17)	\$0	\$0	\$11,203	0.00	\$0	\$0	\$0	\$0	\$0

Appendix A: Explanation by Example

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

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

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-219. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs, shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs⁷. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

Table 2: Instructions Prior to Day-Ahead Market

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

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. Thus the MW column shows the 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

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

Example 2: Incremental Exceptional Dispatch Instructions in RTM

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

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

Resource B is dispatched 20 MW above its day-ahead schedule, so its total volume (MWh) is calculated as 20 MW times 3 hours which is equal to 60 MWh. Since the resource was committed in the Day-Ahead Market there 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.

Resource A is committed in real-time at its Pmin, its total volume (MWh) is 20MW *6 hours which is equal to 120 MWh. This resource has a zero MW of incremental dispatch in all hours, so all other relevant cost and volume columns result in zeros. Resource B has a decremental MW of 20 MW in 3 hours, which results in 60 MWh of decremental volume. Since this resource is not committed in real-time, both the minimum load cost and start up costs are zero. This resource had a bid price of \$50/MWh and LMP at the resource pricing node is \$10/ MWh. Based on this information CC6470-Dec is calculated as 60 MWh *\$10/MWh which is equal to \$600. Since this resource has its ED volume (MWh) equal to its Total volume, CC6470 is equal to CC6470- DEC. The CC6488 is calculated as (60 MWh * (\$50/MWh - \$10/MWh)) which is equal to \$2400. Resource C had a bid price of \$10/MWh and the LMP at 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 & Electric (PG&E) LAP and Southern California Edison (SCE) LAP. These two pricing nodes had the maximum amount of exceptional dispatch volume (MWh) in their respective LAP. Point A is in PG&E LAP and point B is in SCE LAP. Please note these two points correspond to an actual pricing node in the ISO system. Only one resource was connected to each of these pricing nodes. For each resource the following input parameters were obtained to perform the analysis:

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

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

An exceptional dispatch instruction can be generally classified as a start up instruction, an instruction to be dispatched at or above the constrained level, an instruction to be dispatched at or below a constrained level, an instruction to be dispatched at a fixed constrained level, or a shut down instruction. In general, the Locational Marginal Price (LMP) is set by a resource which can provide the next incremental MW of energy. Based on this definition of LMP, and the classification of exceptional dispatches based on constraint type, a resource is allowed to set the LMP in only those intervals in which the resource is eligible to move either up or down from its constrained level. Hence, in those intervals in which the resource was constrained up at its P_{max}, or in other words, the resource was exceptionally dispatched to its P_{max} 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 P_{min}, then the resource was not eligible to set the price. All those intervals in which the resource was ineligible to set the price were dropped from the dataset under consideration. From this dataset of only eligible intervals, for both pricing nodes A and B, LMPs were calculated for all intervals based on the resource dispatch level and the its bid set. The calculated LMP is equal to that bid price corresponding to the constrained MW segment.

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,928 five-minute intervals in January, this resource was issued exceptional dispatch instructions in 365 five-minute intervals. It was not eligible to set the LMP in any of the 365 intervals. Out of the 365 intervals, resource calculated LMP was larger than the market LMP in 322 intervals. In the 322 intervals, the average increase in five minute LMP was \$11.60/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 \$11.60/MWh. Note that 322 five minute intervals are approximately 3.61 percent of the total 8,928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8,928 five minute intervals, this resource was issued an exceptional dispatch instruction in 1552 five minute intervals. This resource was eligible to set the LMP in 1552 intervals. Out of the 1552 intervals, resource calculated LMP was larger than the market LMP in 1193 intervals. In the 1193 intervals, the average increase in five minute LMP was \$21.89/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 \$21.89/MWh. The 1193 five minute intervals account for approximately 13.36 percent of the total 8,928 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	14-Jan-11	14	3	\$28.94	No	\$41.72	\$12.78
2	14-Jan-11	14	4	\$28.94	No	\$41.72	\$12.78
3	14-Jan-11	14	5	\$28.84	No	\$41.72	\$12.88
4	14-Jan-11	14	6	\$28.35	No	\$41.72	\$13.37
5	14-Jan-11	14	7	\$28.34	No	\$41.72	\$13.38
6	14-Jan-11	14	8	\$28.16	No	\$41.72	\$13.56
7	14-Jan-11	14	9	\$28.13	No	\$41.72	\$13.59
8	14-Jan-11	14	10	\$28.01	No	\$41.72	\$13.71
9	14-Jan-11	14	11	\$28.17	No	\$41.72	\$13.55
10	14-Jan-11	14	12	\$16.08	No	\$43.75	\$27.67
11	14-Jan-11	15	1	\$18.38	No	\$43.75	\$25.37
12	14-Jan-11	15	2	\$13.34	No	\$43.75	\$30.41
13	14-Jan-11	15	3	\$18.38	No	\$46.15	\$27.77
14	14-Jan-11	15	4	\$3.28	No	\$46.15	\$42.87
15	14-Jan-11	15	5	\$13.34	No	\$46.15	\$32.81
16	14-Jan-11	15	6	\$16.67	No	\$46.15	\$29.48
17	14-Jan-11	15	7	\$16.54	No	\$46.15	\$29.61
18	14-Jan-11	15	8	\$16.04	No	\$46.15	\$30.11
19	14-Jan-11	15	9	\$16.04	No	\$46.15	\$30.11
20	14-Jan-11	15	10	\$13.27	No	\$46.15	\$32.88
21	14-Jan-11	15	11	\$13.27	No	\$46.15	\$32.88
22	14-Jan-11	15	12	\$17.09	No	\$46.15	\$29.06
23	14-Jan-11	16	1	\$24.52	No	\$46.15	\$21.63
24	14-Jan-11	16	2	\$24.52	No	\$46.15	\$21.63
25	14-Jan-11	16	3	\$25.04	No	\$46.15	\$21.11
26	14-Jan-11	16	4	\$24.49	No	\$46.15	\$21.66
27	14-Jan-11	16	5	\$25.01	No	\$46.15	\$21.14
28	14-Jan-11	16	6	\$25.01	No	\$46.15	\$21.14
29	14-Jan-11	16	7	\$26.07	No	\$46.15	\$20.08
30	14-Jan-11	16	8	\$26.07	No	\$46.15	\$20.08
31	14-Jan-11	16	9	\$26.07	No	\$46.15	\$20.08
32	14-Jan-11	16	10	\$26.71	No	\$46.15	\$19.44
33	14-Jan-11	16	11	\$26.62	No	\$46.15	\$19.53
34	14-Jan-11	16	12	\$26.71	No	\$46.15	\$19.44
35	14-Jan-11	17	1	\$26.13	No	\$46.15	\$20.02
36	14-Jan-11	17	2	\$25.10	No	\$46.15	\$21.05
37	14-Jan-11	17	3	\$26.71	No	\$46.15	\$19.44
38	14-Jan-11	17	4	\$26.37	No	\$46.15	\$19.78
39	14-Jan-11	17	5	\$26.37	No	\$46.15	\$19.78
40	14-Jan-11	17	6	\$26.37	No	\$46.15	\$19.78
41	14-Jan-11	17	7	\$27.86	No	\$46.15	\$18.29
42	14-Jan-11	17	8	\$27.86	No	\$46.15	\$18.29
43	14-Jan-11	17	9	\$27.34	No	\$46.15	\$18.81

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	14-Jan-11	17	10	\$28.43	No	\$46.15	\$17.72
45	14-Jan-11	17	11	\$28.64	No	\$46.15	\$17.51
46	14-Jan-11	17	12	\$35.49	No	\$46.15	\$10.66
47	14-Jan-11	18	1	\$17.01	No	\$46.15	\$29.14
48	14-Jan-11	18	2	\$16.34	No	\$46.15	\$29.81
49	14-Jan-11	18	3	\$17.54	No	\$46.15	\$28.61
50	14-Jan-11	18	4	\$14.01	No	\$46.15	\$32.14
51	14-Jan-11	18	5	\$17.70	No	\$46.15	\$28.45
52	14-Jan-11	18	6	\$24.43	No	\$46.15	\$21.72
53	14-Jan-11	18	7	\$27.68	No	\$46.15	\$18.47
54	14-Jan-11	18	8	\$27.66	No	\$46.15	\$18.49
55	14-Jan-11	18	9	\$27.65	No	\$46.15	\$18.50
56	14-Jan-11	18	10	\$30.14	No	\$46.15	\$16.01
57	14-Jan-11	18	11	\$28.21	No	\$46.15	\$17.94
58	14-Jan-11	18	12	\$26.88	No	\$46.15	\$19.27
59	14-Jan-11	19	1	\$31.12	No	\$46.15	\$15.03
60	14-Jan-11	19	2	\$31.12	No	\$46.15	\$15.03
61	14-Jan-11	19	3	\$31.12	No	\$46.15	\$15.03
62	14-Jan-11	19	4	\$31.17	No	\$46.15	\$14.98
63	14-Jan-11	19	5	\$30.20	No	\$46.15	\$15.95
64	14-Jan-11	19	6	\$30.20	No	\$46.15	\$15.95
65	14-Jan-11	19	7	\$27.82	No	\$46.15	\$18.33
66	14-Jan-11	19	8	\$27.82	No	\$46.15	\$18.33
67	14-Jan-11	19	9	\$27.82	No	\$46.15	\$18.33
68	14-Jan-11	19	10	\$28.57	No	\$46.15	\$17.58
69	14-Jan-11	19	11	\$28.25	No	\$46.15	\$17.90
70	14-Jan-11	19	12	\$28.57	No	\$46.15	\$17.58
71	14-Jan-11	20	1	\$33.80	No	\$46.15	\$12.35
72	14-Jan-11	20	2	\$34.51	No	\$46.15	\$11.64
73	14-Jan-11	20	3	\$31.90	No	\$46.15	\$14.25
74	14-Jan-11	20	4	\$31.42	No	\$46.15	\$14.73
75	14-Jan-11	20	5	\$29.25	No	\$46.15	\$16.90
76	14-Jan-11	20	6	\$35.43	No	\$46.15	\$10.72
77	14-Jan-11	20	7	\$40.25	No	\$43.75	\$3.50
78	15-Jan-11	14	8	\$41.01	No	\$39.53	-\$1.48
79	15-Jan-11	14	9	\$40.67	No	\$39.53	-\$1.14
80	15-Jan-11	14	10	\$41.07	No	\$39.53	-\$1.54
81	15-Jan-11	14	11	\$40.29	No	\$39.53	-\$0.76
82	15-Jan-11	14	12	\$40.61	No	\$39.53	-\$1.08
83	15-Jan-11	15	1	\$30.71	No	\$39.53	\$8.82
84	15-Jan-11	15	2	\$35.67	No	\$39.53	\$3.86
85	15-Jan-11	15	3	\$37.44	No	\$39.53	\$2.09
86	15-Jan-11	15	4	\$37.39	No	\$39.53	\$2.14
87	15-Jan-11	15	5	\$35.58	No	\$39.53	\$3.95
88	15-Jan-11	15	6	\$35.58	No	\$39.53	\$3.95

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	15-Jan-11	15	7	\$35.64	No	\$39.53	\$3.89
90	15-Jan-11	15	8	\$35.64	No	\$39.53	\$3.89
91	15-Jan-11	15	9	\$35.64	No	\$39.53	\$3.89
92	15-Jan-11	15	10	\$35.65	No	\$39.53	\$3.88
93	15-Jan-11	15	11	\$35.65	No	\$39.53	\$3.88
94	15-Jan-11	15	12	\$35.65	No	\$39.53	\$3.88
95	15-Jan-11	16	1	\$17.96	No	\$39.53	\$21.57
96	15-Jan-11	16	2	\$27.11	No	\$39.53	\$12.42
97	15-Jan-11	16	3	\$30.65	No	\$39.53	\$8.88
98	15-Jan-11	16	4	\$32.47	No	\$39.53	\$7.06
99	15-Jan-11	16	5	\$35.19	No	\$39.53	\$4.34
100	15-Jan-11	16	6	\$35.19	No	\$39.53	\$4.34
101	15-Jan-11	16	7	\$35.26	No	\$39.53	\$4.27
102	15-Jan-11	16	8	\$30.70	No	\$39.53	\$8.83
103	15-Jan-11	16	9	\$30.70	No	\$39.53	\$8.83
104	15-Jan-11	16	10	\$35.27	No	\$39.53	\$4.26
105	15-Jan-11	16	11	\$35.27	No	\$39.53	\$4.26
106	15-Jan-11	16	12	\$35.27	No	\$39.53	\$4.26
107	15-Jan-11	17	1	\$13.55	No	\$39.53	\$25.98
108	15-Jan-11	17	2	\$15.98	No	\$39.53	\$23.55
109	15-Jan-11	17	3	\$16.24	No	\$39.53	\$23.29
110	15-Jan-11	17	4	\$16.62	No	\$39.53	\$22.91
111	15-Jan-11	17	5	\$17.03	No	\$39.53	\$22.50
112	15-Jan-11	17	6	\$26.58	No	\$39.53	\$12.95
113	15-Jan-11	17	7	\$26.68	No	\$39.53	\$12.85
114	15-Jan-11	17	8	\$26.62	No	\$39.53	\$12.91
115	15-Jan-11	17	9	\$27.15	No	\$39.53	\$12.38
116	15-Jan-11	17	10	\$34.52	No	\$39.53	\$5.01
117	15-Jan-11	17	11	\$34.52	No	\$39.53	\$5.01
118	15-Jan-11	17	12	\$34.52	No	\$39.53	\$5.01
119	15-Jan-11	18	1	\$24.64	No	\$39.53	\$14.89
120	15-Jan-11	18	2	\$13.66	No	\$39.53	\$25.87
121	15-Jan-11	18	3	\$16.30	No	\$39.53	\$23.23
122	15-Jan-11	18	4	\$22.90	No	\$39.53	\$16.63
123	15-Jan-11	18	5	\$28.24	No	\$39.53	\$11.29
124	15-Jan-11	18	6	\$27.83	No	\$39.53	\$11.70
125	15-Jan-11	18	7	\$30.00	No	\$39.53	\$9.53
126	15-Jan-11	18	8	\$29.61	No	\$39.53	\$9.92
127	15-Jan-11	18	9	\$40.10	No	\$39.53	-\$0.57
128	15-Jan-11	18	10	\$68.79	No	\$39.53	-\$29.26
129	15-Jan-11	18	11	\$16.34	No	\$39.53	\$23.19
130	15-Jan-11	18	12	\$72.68	No	\$39.53	-\$33.15
131	15-Jan-11	19	1	\$68.38	No	\$39.53	-\$28.85
132	15-Jan-11	19	2	\$68.38	No	\$39.53	-\$28.85
133	15-Jan-11	19	3	\$39.88	No	\$39.53	-\$0.35

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	15-Jan-11	19	4	\$40.72	No	\$39.53	-\$1.19
135	15-Jan-11	19	5	\$39.88	No	\$39.53	-\$0.35
136	15-Jan-11	19	6	\$35.14	No	\$39.53	\$4.39
137	15-Jan-11	19	7	\$32.08	No	\$39.53	\$7.45
138	15-Jan-11	19	8	\$27.84	No	\$39.53	\$11.69
139	15-Jan-11	19	9	\$29.22	No	\$39.53	\$10.31
140	15-Jan-11	19	10	\$26.82	No	\$39.53	\$12.71
141	15-Jan-11	19	11	\$27.88	No	\$39.53	\$11.65
142	15-Jan-11	19	12	\$27.88	No	\$39.53	\$11.65
143	15-Jan-11	20	1	\$28.25	No	\$39.53	\$11.28
144	15-Jan-11	20	2	\$28.25	No	\$39.53	\$11.28
145	15-Jan-11	20	3	\$28.25	No	\$39.53	\$11.28
146	15-Jan-11	20	4	\$27.15	No	\$39.53	\$12.38
147	15-Jan-11	20	5	\$27.05	No	\$39.53	\$12.48
148	15-Jan-11	20	6	\$28.19	No	\$39.53	\$11.34
149	15-Jan-11	20	7	\$26.82	No	\$39.53	\$12.71
150	15-Jan-11	20	8	\$26.73	No	\$39.53	\$12.80
151	15-Jan-11	20	9	\$26.97	No	\$39.53	\$12.56
152	15-Jan-11	20	10	\$27.24	No	\$39.53	\$12.29
153	15-Jan-11	20	11	\$27.14	No	\$39.53	\$12.39
154	15-Jan-11	20	12	\$28.29	No	\$39.53	\$11.24
155	15-Jan-11	21	1	\$29.64	No	\$39.53	\$9.89
156	15-Jan-11	21	2	\$30.87	No	\$39.53	\$8.66
157	15-Jan-11	21	3	\$30.87	No	\$39.53	\$8.66
158	15-Jan-11	21	4	\$37.31	No	\$39.53	\$2.22
159	15-Jan-11	21	5	\$32.17	No	\$39.53	\$7.36
160	15-Jan-11	21	6	\$32.17	No	\$39.53	\$7.36
161	15-Jan-11	21	7	\$30.85	No	\$39.53	\$8.68
162	15-Jan-11	21	8	\$30.85	No	\$39.53	\$8.68
163	15-Jan-11	21	9	\$30.85	No	\$39.53	\$8.68
164	15-Jan-11	21	10	\$30.86	No	\$39.53	\$8.67
165	15-Jan-11	21	11	\$29.54	No	\$39.53	\$9.99
166	15-Jan-11	21	12	\$24.20	No	\$39.53	\$15.33
167	15-Jan-11	22	1	\$42.71	No	\$39.53	-\$3.18
168	15-Jan-11	22	2	\$37.30	No	\$39.53	\$2.23
169	15-Jan-11	22	3	\$27.17	No	\$39.53	\$12.36
170	15-Jan-11	22	4	\$29.64	No	\$39.53	\$9.89
171	15-Jan-11	22	5	\$31.71	No	\$39.53	\$7.82
172	15-Jan-11	22	6	\$35.22	No	\$39.53	\$4.31
173	15-Jan-11	22	7	\$35.13	No	\$39.53	\$4.40
174	15-Jan-11	22	8	\$31.77	No	\$39.53	\$7.76
175	15-Jan-11	22	9	\$27.08	No	\$39.53	\$12.45
176	15-Jan-11	22	10	\$28.34	No	\$39.53	\$11.19
177	15-Jan-11	22	11	\$27.05	No	\$39.53	\$12.48
178	15-Jan-11	22	12	\$31.73	No	\$39.53	\$7.80

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	15-Jan-11	23	1	\$43.32	No	\$39.53	-\$3.79
180	15-Jan-11	23	2	\$45.12	No	\$39.53	-\$5.59
181	15-Jan-11	23	3	\$45.08	No	\$39.53	-\$5.55
182	15-Jan-11	23	4	\$45.05	No	\$39.53	-\$5.52
183	15-Jan-11	23	5	\$45.91	No	\$39.53	-\$6.38
184	15-Jan-11	23	6	\$45.91	No	\$39.53	-\$6.38
185	15-Jan-11	23	7	\$35.63	No	\$39.53	\$3.90
186	15-Jan-11	23	8	\$35.63	No	\$39.53	\$3.90
187	15-Jan-11	23	9	\$35.27	No	\$39.53	\$4.26
188	15-Jan-11	23	10	\$33.68	No	\$39.53	\$5.85
189	15-Jan-11	23	11	\$32.25	No	\$39.53	\$7.28
190	15-Jan-11	23	12	\$31.59	No	\$39.53	\$7.94
191	15-Jan-11	24	1	\$35.65	No	\$39.53	\$3.88
192	15-Jan-11	24	2	\$45.12	No	\$39.53	-\$5.59
193	15-Jan-11	24	3	\$41.66	No	\$39.53	-\$2.13
194	15-Jan-11	24	4	\$43.46	No	\$39.53	-\$3.93
195	15-Jan-11	24	5	\$50.97	No	\$39.53	-\$11.44
196	15-Jan-11	24	6	\$45.53	No	\$39.53	-\$6.00
197	15-Jan-11	24	7	\$35.37	No	\$39.53	\$4.16
198	15-Jan-11	24	8	\$27.98	No	\$39.53	\$11.55
199	15-Jan-11	24	9	\$17.33	No	\$39.53	\$22.20
200	15-Jan-11	24	10	\$15.66	No	\$39.53	\$23.87
201	15-Jan-11	24	11	\$15.66	No	\$39.53	\$23.87
202	15-Jan-11	24	12	\$0.10	No	\$39.53	\$39.43
203	16-Jan-11	1	1	\$35.23	No	\$39.53	\$4.30
204	16-Jan-11	1	2	\$28.48	No	\$39.53	\$11.05
205	16-Jan-11	1	3	\$28.48	No	\$39.53	\$11.05
206	16-Jan-11	1	4	\$31.35	No	\$39.53	\$8.18
207	16-Jan-11	1	5	\$28.56	No	\$39.53	\$10.97
208	16-Jan-11	1	6	\$25.71	No	\$39.53	\$13.82
209	16-Jan-11	1	7	\$25.49	No	\$39.53	\$14.04
210	16-Jan-11	1	8	\$27.60	No	\$39.53	\$11.93
211	16-Jan-11	1	9	\$25.49	No	\$39.53	\$14.04
212	16-Jan-11	1	10	\$25.49	No	\$39.53	\$14.04
213	16-Jan-11	1	11	\$20.40	No	\$39.53	\$19.13
214	16-Jan-11	1	12	\$17.04	No	\$39.53	\$22.49
215	16-Jan-11	2	1	\$35.51	No	\$39.53	\$4.02
216	16-Jan-11	2	2	\$35.51	No	\$39.53	\$4.02
217	16-Jan-11	2	3	\$37.26	No	\$39.53	\$2.27
218	16-Jan-11	2	4	\$35.49	No	\$39.53	\$4.04
219	16-Jan-11	2	5	\$35.35	No	\$39.53	\$4.18
220	16-Jan-11	2	6	\$35.35	No	\$39.53	\$4.18
221	16-Jan-11	2	7	\$35.36	No	\$39.53	\$4.17
222	16-Jan-11	2	8	\$32.83	No	\$39.53	\$6.70
223	16-Jan-11	2	9	\$31.41	No	\$39.53	\$8.12

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	16-Jan-11	2	10	\$31.46	No	\$39.53	\$8.07
225	16-Jan-11	2	11	\$31.46	No	\$39.53	\$8.07
226	16-Jan-11	2	12	\$33.50	No	\$39.53	\$6.03
227	16-Jan-11	3	1	\$30.39	No	\$39.53	\$9.14
228	16-Jan-11	3	2	\$31.29	No	\$39.53	\$8.24
229	16-Jan-11	3	3	\$35.66	No	\$39.53	\$3.87
230	16-Jan-11	3	4	\$35.37	No	\$39.53	\$4.16
231	16-Jan-11	3	5	\$33.35	No	\$39.53	\$6.18
232	16-Jan-11	3	6	\$33.35	No	\$39.53	\$6.18
233	16-Jan-11	3	7	\$35.42	No	\$39.53	\$4.11
234	16-Jan-11	3	8	\$34.03	No	\$39.53	\$5.50
235	16-Jan-11	3	9	\$35.42	No	\$39.53	\$4.11
236	16-Jan-11	3	10	\$25.41	No	\$39.53	\$14.12
237	16-Jan-11	3	11	\$30.60	No	\$39.53	\$8.93
238	16-Jan-11	3	12	\$31.38	No	\$39.53	\$8.15
239	16-Jan-11	4	1	\$17.15	No	\$39.53	\$22.38
240	16-Jan-11	4	2	\$35.39	No	\$39.53	\$4.14
241	16-Jan-11	4	3	\$37.26	No	\$39.53	\$2.27
242	16-Jan-11	4	4	\$40.43	No	\$39.53	-\$0.90
243	16-Jan-11	4	5	\$50.96	No	\$39.53	-\$11.43
244	16-Jan-11	4	6	\$45.18	No	\$39.53	-\$5.65
245	16-Jan-11	4	7	\$45.17	No	\$39.53	-\$5.64
246	16-Jan-11	4	8	\$35.85	No	\$39.53	\$3.68
247	16-Jan-11	4	9	\$35.68	No	\$39.53	\$3.85
248	16-Jan-11	4	10	\$35.97	No	\$39.53	\$3.56
249	16-Jan-11	4	11	\$35.78	No	\$39.53	\$3.75
250	16-Jan-11	4	12	\$35.97	No	\$39.53	\$3.56
251	16-Jan-11	5	1	\$25.34	No	\$39.53	\$14.19
252	16-Jan-11	5	2	\$25.27	No	\$39.53	\$14.26
253	16-Jan-11	5	3	\$31.29	No	\$39.53	\$8.24
254	16-Jan-11	5	4	\$32.16	No	\$39.53	\$7.37
255	16-Jan-11	5	5	\$32.16	No	\$39.53	\$7.37
256	16-Jan-11	5	6	\$32.16	No	\$39.53	\$7.37
257	16-Jan-11	5	7	\$31.39	No	\$39.53	\$8.14
258	16-Jan-11	5	8	\$31.39	No	\$39.53	\$8.14
259	16-Jan-11	5	9	\$31.39	No	\$39.53	\$8.14
260	16-Jan-11	5	10	\$31.41	No	\$39.53	\$8.12
261	16-Jan-11	5	11	\$31.41	No	\$39.53	\$8.12
262	16-Jan-11	5	12	\$34.65	No	\$39.53	\$4.88
263	16-Jan-11	6	1	\$16.81	No	\$39.53	\$22.72
264	16-Jan-11	6	2	\$16.81	No	\$39.53	\$22.72
265	16-Jan-11	6	3	\$31.35	No	\$39.53	\$8.18
266	16-Jan-11	6	4	\$35.52	No	\$39.53	\$4.01
267	16-Jan-11	6	5	\$35.52	No	\$39.53	\$4.01
268	16-Jan-11	6	6	\$35.52	No	\$39.53	\$4.01

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	16-Jan-11	6	7	\$31.44	No	\$39.53	\$8.09
270	16-Jan-11	6	8	\$30.99	No	\$39.53	\$8.54
271	16-Jan-11	6	9	\$31.44	No	\$39.53	\$8.09
272	16-Jan-11	6	10	\$31.46	No	\$39.53	\$8.07
273	16-Jan-11	6	11	\$33.11	No	\$39.53	\$6.42
274	16-Jan-11	6	12	\$35.54	No	\$39.53	\$3.99
275	16-Jan-11	7	1	\$17.33	No	\$39.53	\$22.20
276	16-Jan-11	7	2	\$25.36	No	\$39.53	\$14.17
277	16-Jan-11	7	3	\$35.76	No	\$39.53	\$3.77
278	16-Jan-11	7	4	\$31.37	No	\$39.53	\$8.16
279	16-Jan-11	7	5	\$31.37	No	\$39.53	\$8.16
280	16-Jan-11	7	6	\$31.37	No	\$39.53	\$8.16
281	16-Jan-11	7	7	\$31.40	No	\$39.53	\$8.13
282	16-Jan-11	7	8	\$31.40	No	\$39.53	\$8.13
283	16-Jan-11	7	9	\$17.45	No	\$39.53	\$22.08
284	16-Jan-11	7	10	\$28.81	No	\$39.53	\$10.72
285	16-Jan-11	7	11	\$31.43	No	\$39.53	\$8.10
286	16-Jan-11	7	12	\$31.43	No	\$39.53	\$8.10
287	16-Jan-11	8	1	\$15.58	No	\$39.53	\$23.95
288	16-Jan-11	8	2	\$16.10	No	\$39.53	\$23.43
289	16-Jan-11	8	3	\$16.68	No	\$39.53	\$22.85
290	16-Jan-11	8	4	\$16.78	No	\$39.53	\$22.75
291	16-Jan-11	8	5	\$27.71	No	\$39.53	\$11.82
292	16-Jan-11	8	6	\$27.71	No	\$39.53	\$11.82
293	16-Jan-11	8	7	\$26.90	No	\$39.53	\$12.63
294	16-Jan-11	8	8	\$28.74	No	\$39.53	\$10.79
295	16-Jan-11	8	9	\$31.21	No	\$39.53	\$8.32
296	16-Jan-11	8	10	\$31.52	No	\$39.53	\$8.01
297	16-Jan-11	8	11	\$33.76	No	\$39.53	\$5.77
298	16-Jan-11	8	12	\$31.52	No	\$39.53	\$8.01
299	16-Jan-11	9	1	\$29.75	No	\$39.53	\$9.78
300	16-Jan-11	9	2	\$28.52	No	\$39.53	\$11.01
301	16-Jan-11	9	3	\$29.75	No	\$39.53	\$9.78
302	16-Jan-11	9	4	\$31.44	No	\$39.53	\$8.09
303	16-Jan-11	9	5	\$31.44	No	\$39.53	\$8.09
304	16-Jan-11	9	6	\$31.44	No	\$39.53	\$8.09
305	16-Jan-11	9	7	\$35.17	No	\$39.53	\$4.36
306	16-Jan-11	9	8	\$42.39	No	\$39.53	-\$2.86
307	16-Jan-11	9	9	\$42.39	No	\$39.53	-\$2.86
308	16-Jan-11	9	10	\$44.55	No	\$39.53	-\$5.02
309	16-Jan-11	9	11	\$43.39	No	\$39.53	-\$3.86
310	16-Jan-11	9	12	\$36.66	No	\$39.53	\$2.87
311	16-Jan-11	10	1	\$31.53	No	\$39.53	\$8.00
312	16-Jan-11	10	2	\$31.53	No	\$39.53	\$8.00
313	16-Jan-11	10	3	\$35.98	No	\$39.53	\$3.55

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314	16-Jan-11	10	4	\$35.88	No	\$39.53	\$3.65
315	16-Jan-11	10	5	\$35.88	No	\$39.53	\$3.65
316	16-Jan-11	10	6	\$35.88	No	\$39.53	\$3.65
317	16-Jan-11	10	7	\$36.10	No	\$39.53	\$3.43
318	16-Jan-11	10	8	\$36.10	No	\$39.53	\$3.43
319	16-Jan-11	10	9	\$37.77	No	\$39.53	\$1.76
320	16-Jan-11	10	10	\$44.92	No	\$39.53	-\$5.39
321	16-Jan-11	10	11	\$43.78	No	\$39.53	-\$4.25
322	16-Jan-11	10	12	\$43.77	No	\$39.53	-\$4.24
323	16-Jan-11	11	1	\$29.24	No	\$39.53	\$10.29
324	16-Jan-11	11	2	\$29.81	No	\$39.53	\$9.72
325	16-Jan-11	11	3	\$31.65	No	\$39.53	\$7.88
326	16-Jan-11	11	4	\$32.59	No	\$39.53	\$6.94
327	16-Jan-11	11	5	\$32.59	No	\$39.53	\$6.94
328	16-Jan-11	11	6	\$32.59	No	\$39.53	\$6.94
329	16-Jan-11	11	7	\$35.73	No	\$39.53	\$3.80
330	16-Jan-11	11	8	\$35.73	No	\$39.53	\$3.80
331	16-Jan-11	11	9	\$35.73	No	\$39.53	\$3.80
332	16-Jan-11	11	10	\$35.83	No	\$39.53	\$3.70
333	16-Jan-11	11	11	\$35.83	No	\$39.53	\$3.70
334	16-Jan-11	11	12	\$35.84	No	\$39.53	\$3.69
335	16-Jan-11	12	1	\$35.91	No	\$39.53	\$3.62
336	16-Jan-11	12	2	\$35.91	No	\$39.53	\$3.62
337	16-Jan-11	12	3	\$37.59	No	\$39.53	\$1.94
338	16-Jan-11	12	4	\$44.49	No	\$39.53	-\$4.96
339	16-Jan-11	12	5	\$44.38	No	\$39.53	-\$4.85
340	16-Jan-11	12	6	\$44.38	No	\$39.53	-\$4.85
341	16-Jan-11	12	7	\$44.98	No	\$39.53	-\$5.45
342	16-Jan-11	12	8	\$45.14	No	\$39.53	-\$5.61
343	16-Jan-11	12	9	\$44.98	No	\$39.53	-\$5.45
344	16-Jan-11	12	10	\$31.68	No	\$39.53	\$7.85
345	16-Jan-11	12	11	\$31.68	No	\$39.53	\$7.85
346	16-Jan-11	12	12	\$35.90	No	\$39.53	\$3.63
347	16-Jan-11	13	1	\$34.62	No	\$39.53	\$4.91
348	16-Jan-11	13	2	\$36.16	No	\$39.53	\$3.37
349	16-Jan-11	13	3	\$42.52	No	\$39.53	-\$2.99
350	16-Jan-11	13	4	\$35.90	No	\$39.53	\$3.63
351	16-Jan-11	13	5	\$35.90	No	\$39.53	\$3.63
352	16-Jan-11	13	6	\$35.90	No	\$39.53	\$3.63
353	16-Jan-11	13	7	\$34.67	No	\$39.53	\$4.86
354	16-Jan-11	13	8	\$34.67	No	\$39.53	\$4.86
355	16-Jan-11	13	9	\$34.67	No	\$39.53	\$4.86
356	16-Jan-11	13	10	\$34.68	No	\$39.53	\$4.85
357	16-Jan-11	13	11	\$34.68	No	\$39.53	\$4.85
358	16-Jan-11	13	12	\$37.49	No	\$39.53	\$2.04

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	16-Jan-11	14	1	\$31.58	No	\$39.53	\$7.95
360	16-Jan-11	14	2	\$35.77	No	\$39.53	\$3.76
361	16-Jan-11	14	3	\$35.78	No	\$39.53	\$3.75
362	16-Jan-11	14	4	\$35.66	No	\$39.53	\$3.87
363	16-Jan-11	14	5	\$35.66	No	\$39.53	\$3.87
364	16-Jan-11	14	6	\$35.66	No	\$39.53	\$3.87
365	16-Jan-11	14	7	\$35.72	No	\$39.53	\$3.81

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	5-Jan-11	2	1	\$19.96	Yes	\$85.00	\$65.04
2	5-Jan-11	2	2	\$24.95	Yes	\$85.00	\$60.05
3	5-Jan-11	2	3	\$28.60	Yes	\$85.00	\$56.40
4	5-Jan-11	2	4	\$22.11	Yes	\$85.00	\$62.89
5	5-Jan-11	2	5	\$16.04	Yes	\$85.00	\$68.96
6	5-Jan-11	2	6	\$22.11	Yes	\$85.00	\$62.89
7	5-Jan-11	2	7	\$22.05	Yes	\$85.00	\$62.95
8	5-Jan-11	2	8	\$15.94	Yes	\$85.00	\$69.06
9	5-Jan-11	2	9	\$15.94	Yes	\$85.00	\$69.06
10	5-Jan-11	2	10	\$0.10	Yes	\$85.00	\$84.90
11	5-Jan-11	2	11	\$0.10	Yes	\$85.00	\$84.90
12	5-Jan-11	2	12	\$0.10	Yes	\$85.00	\$84.90
13	5-Jan-11	3	1	\$22.03	Yes	\$85.00	\$62.97
14	5-Jan-11	3	2	\$25.03	Yes	\$85.00	\$59.97
15	5-Jan-11	3	3	\$22.03	Yes	\$85.00	\$62.97
16	5-Jan-11	3	4	\$21.97	Yes	\$85.00	\$63.03
17	5-Jan-11	3	5	\$19.98	Yes	\$85.00	\$65.02
18	5-Jan-11	3	6	\$15.93	Yes	\$85.00	\$69.07
19	5-Jan-11	3	7	\$15.69	Yes	\$85.00	\$69.31
20	5-Jan-11	3	8	\$15.69	Yes	\$85.00	\$69.31
21	5-Jan-11	3	9	\$15.69	Yes	\$85.00	\$69.31
22	5-Jan-11	3	10	\$15.79	Yes	\$85.00	\$69.21
23	5-Jan-11	3	11	\$15.79	Yes	\$85.00	\$69.21
24	5-Jan-11	3	12	\$15.79	Yes	\$85.00	\$69.21
25	5-Jan-11	4	1	\$15.70	Yes	\$85.00	\$69.30
26	5-Jan-11	4	2	\$15.70	Yes	\$85.00	\$69.30
27	5-Jan-11	4	3	\$15.70	Yes	\$85.00	\$69.30
28	5-Jan-11	4	4	\$15.58	Yes	\$85.00	\$69.42
29	5-Jan-11	4	5	\$19.93	Yes	\$85.00	\$65.07
30	5-Jan-11	4	6	\$19.93	Yes	\$85.00	\$65.07
31	5-Jan-11	4	7	\$22.00	Yes	\$85.00	\$63.00
32	5-Jan-11	4	8	\$22.00	Yes	\$85.00	\$63.00
33	5-Jan-11	4	9	\$22.00	Yes	\$85.00	\$63.00
34	5-Jan-11	4	10	\$25.00	Yes	\$85.00	\$60.00
35	5-Jan-11	4	11	\$25.00	Yes	\$85.00	\$60.00
36	5-Jan-11	4	12	\$22.00	Yes	\$85.00	\$63.00
37	5-Jan-11	5	1	\$22.06	Yes	\$85.00	\$62.94
38	5-Jan-11	5	2	\$22.06	Yes	\$85.00	\$62.94
39	5-Jan-11	5	3	\$22.06	Yes	\$85.00	\$62.94
40	5-Jan-11	5	4	\$29.33	Yes	\$85.00	\$55.67
41	5-Jan-11	5	5	\$29.39	Yes	\$85.00	\$55.61
42	5-Jan-11	5	6	\$30.19	Yes	\$85.00	\$54.81

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	5-Jan-11	5	7	\$29.54	Yes	\$85.00	\$55.46
44	5-Jan-11	5	8	\$29.03	Yes	\$85.00	\$55.97
45	5-Jan-11	5	9	\$29.03	Yes	\$85.00	\$55.97
46	5-Jan-11	5	10	\$30.93	Yes	\$85.00	\$54.07
47	5-Jan-11	5	11	\$31.12	Yes	\$85.00	\$53.88
48	5-Jan-11	5	12	\$31.55	Yes	\$85.00	\$53.45
49	5-Jan-11	6	1	\$16.14	Yes	\$85.00	\$68.86
50	5-Jan-11	6	2	\$16.37	Yes	\$85.00	\$68.63
51	5-Jan-11	6	3	\$26.85	Yes	\$85.00	\$58.15
52	5-Jan-11	6	4	\$30.56	Yes	\$85.00	\$54.44
53	5-Jan-11	6	5	\$31.00	Yes	\$85.00	\$54.00
54	5-Jan-11	6	6	\$32.90	Yes	\$85.00	\$52.10
55	5-Jan-11	6	7	\$34.50	Yes	\$85.00	\$50.50
56	5-Jan-11	6	8	\$36.58	Yes	\$85.00	\$48.42
57	5-Jan-11	6	9	\$37.91	Yes	\$85.00	\$47.09
58	5-Jan-11	6	10	\$41.68	Yes	\$85.00	\$43.32
59	5-Jan-11	6	11	\$41.68	Yes	\$85.00	\$43.32
60	5-Jan-11	6	12	\$41.68	Yes	\$85.00	\$43.32
61	5-Jan-11	7	1	\$26.34	Yes	\$85.00	\$58.66
62	5-Jan-11	7	2	\$16.47	Yes	\$85.00	\$68.53
63	5-Jan-11	7	3	\$30.14	Yes	\$85.00	\$54.86
64	5-Jan-11	7	4	\$29.50	Yes	\$85.00	\$55.50
65	5-Jan-11	7	5	\$33.80	Yes	\$85.00	\$51.20
66	5-Jan-11	7	6	\$37.82	Yes	\$85.00	\$47.18
67	5-Jan-11	7	7	\$38.43	Yes	\$85.00	\$46.57
68	5-Jan-11	7	8	\$42.31	Yes	\$85.00	\$42.69
69	5-Jan-11	7	9	\$53.15	Yes	\$85.00	\$31.85
70	5-Jan-11	7	10	\$53.11	Yes	\$85.00	\$31.89
71	5-Jan-11	7	11	\$56.83	Yes	\$85.00	\$28.17
72	5-Jan-11	7	12	\$57.55	Yes	\$85.00	\$27.45
73	5-Jan-11	8	1	\$47.79	Yes	\$85.00	\$37.21
74	5-Jan-11	8	2	\$47.91	Yes	\$85.00	\$37.09
75	5-Jan-11	8	3	\$43.45	Yes	\$85.00	\$41.55
76	5-Jan-11	8	4	\$39.11	Yes	\$85.00	\$45.89
77	5-Jan-11	8	5	\$47.00	Yes	\$85.00	\$38.00
78	5-Jan-11	8	6	\$45.28	Yes	\$85.00	\$39.72
79	5-Jan-11	8	7	\$755.18	Yes	\$85.00	-\$670.18
80	5-Jan-11	8	8	\$88.51	Yes	\$85.00	-\$3.51
81	5-Jan-11	8	9	\$53.61	Yes	\$85.00	\$31.39
82	5-Jan-11	8	10	\$52.26	Yes	\$85.00	\$32.74
83	5-Jan-11	8	11	\$58.89	Yes	\$85.00	\$26.11
84	5-Jan-11	8	12	\$53.55	Yes	\$85.00	\$31.45
85	5-Jan-11	9	1	\$39.66	Yes	\$85.00	\$45.34
86	5-Jan-11	9	2	\$39.66	Yes	\$85.00	\$45.34
87	5-Jan-11	9	3	\$39.66	Yes	\$85.00	\$45.34

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	5-Jan-11	9	4	\$40.01	Yes	\$85.00	\$44.99
89	5-Jan-11	9	5	\$40.01	Yes	\$85.00	\$44.99
90	5-Jan-11	9	6	\$40.01	Yes	\$85.00	\$44.99
91	5-Jan-11	9	7	\$40.59	Yes	\$85.00	\$44.41
92	5-Jan-11	9	8	\$39.93	Yes	\$85.00	\$45.07
93	5-Jan-11	9	9	\$39.70	Yes	\$85.00	\$45.30
94	5-Jan-11	9	10	\$39.66	Yes	\$85.00	\$45.34
95	5-Jan-11	9	11	\$39.33	Yes	\$85.00	\$45.67
96	5-Jan-11	9	12	\$40.09	Yes	\$85.00	\$44.91
97	5-Jan-11	10	1	\$38.22	Yes	\$85.00	\$46.78
98	5-Jan-11	10	2	\$38.22	Yes	\$85.00	\$46.78
99	5-Jan-11	10	3	\$38.22	Yes	\$85.00	\$46.78
100	5-Jan-11	10	4	\$38.21	Yes	\$85.00	\$46.79
101	5-Jan-11	10	5	\$38.21	Yes	\$85.00	\$46.79
102	5-Jan-11	10	6	\$38.21	Yes	\$85.00	\$46.79
103	5-Jan-11	10	7	\$37.98	Yes	\$85.00	\$47.02
104	5-Jan-11	10	8	\$37.98	Yes	\$85.00	\$47.02
105	5-Jan-11	10	9	\$38.12	Yes	\$85.00	\$46.88
106	5-Jan-11	10	10	\$38.27	Yes	\$85.00	\$46.73
107	5-Jan-11	10	11	\$38.27	Yes	\$85.00	\$46.73
108	5-Jan-11	10	12	\$38.27	Yes	\$85.00	\$46.73
109	5-Jan-11	11	1	\$39.61	Yes	\$85.00	\$45.39
110	5-Jan-11	11	2	\$37.85	Yes	\$85.00	\$47.15
111	5-Jan-11	11	3	\$37.85	Yes	\$85.00	\$47.15
112	5-Jan-11	11	4	\$38.76	Yes	\$85.00	\$46.24
113	5-Jan-11	11	5	\$38.43	Yes	\$85.00	\$46.57
114	5-Jan-11	11	6	\$37.74	Yes	\$85.00	\$47.26
115	5-Jan-11	11	7	\$39.54	Yes	\$85.00	\$45.46
116	5-Jan-11	11	8	\$37.87	Yes	\$85.00	\$47.13
117	5-Jan-11	11	9	\$35.79	Yes	\$85.00	\$49.21
118	5-Jan-11	11	10	\$34.75	Yes	\$85.00	\$50.25
119	5-Jan-11	11	11	\$34.75	Yes	\$85.00	\$50.25
120	5-Jan-11	11	12	\$34.00	Yes	\$85.00	\$51.00
121	5-Jan-11	12	1	\$33.55	Yes	\$85.00	\$51.45
122	5-Jan-11	12	2	\$33.55	Yes	\$85.00	\$51.45
123	5-Jan-11	12	3	\$32.82	Yes	\$85.00	\$52.18
124	5-Jan-11	12	4	\$32.50	Yes	\$85.00	\$52.50
125	5-Jan-11	12	5	\$31.59	Yes	\$85.00	\$53.41
126	5-Jan-11	12	6	\$30.53	Yes	\$85.00	\$54.47
127	5-Jan-11	12	7	\$32.56	Yes	\$85.00	\$52.44
128	5-Jan-11	12	8	\$33.14	Yes	\$85.00	\$51.86
129	5-Jan-11	12	9	\$32.68	Yes	\$85.00	\$52.32
130	5-Jan-11	12	10	\$30.50	Yes	\$85.00	\$54.50
131	5-Jan-11	12	11	\$30.50	Yes	\$85.00	\$54.50
132	5-Jan-11	12	12	\$31.25	Yes	\$85.00	\$53.75

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	5-Jan-11	13	1	\$33.25	Yes	\$85.00	\$51.75
134	5-Jan-11	13	2	\$33.25	Yes	\$85.00	\$51.75
135	5-Jan-11	13	3	\$33.25	Yes	\$85.00	\$51.75
136	5-Jan-11	13	4	\$32.61	Yes	\$85.00	\$52.39
137	5-Jan-11	13	5	\$32.61	Yes	\$85.00	\$52.39
138	5-Jan-11	13	6	\$32.66	Yes	\$85.00	\$52.34
139	5-Jan-11	13	7	\$32.69	Yes	\$85.00	\$52.31
140	5-Jan-11	13	8	\$32.69	Yes	\$85.00	\$52.31
141	5-Jan-11	13	9	\$32.65	Yes	\$85.00	\$52.35
142	5-Jan-11	13	10	\$32.65	Yes	\$85.00	\$52.35
143	5-Jan-11	13	11	\$32.65	Yes	\$85.00	\$52.35
144	5-Jan-11	13	12	\$33.02	Yes	\$85.00	\$51.98
145	5-Jan-11	14	1	\$32.94	Yes	\$85.00	\$52.06
146	5-Jan-11	14	2	\$32.94	Yes	\$85.00	\$52.06
147	5-Jan-11	14	3	\$32.94	Yes	\$85.00	\$52.06
148	5-Jan-11	14	4	\$32.67	Yes	\$85.00	\$52.33
149	5-Jan-11	14	5	\$33.09	Yes	\$85.00	\$51.91
150	5-Jan-11	14	6	\$33.03	Yes	\$85.00	\$51.97
151	5-Jan-11	14	7	\$33.24	Yes	\$85.00	\$51.76
152	5-Jan-11	14	8	\$32.70	Yes	\$85.00	\$52.30
153	5-Jan-11	14	9	\$32.38	Yes	\$85.00	\$52.62
154	5-Jan-11	14	10	\$32.54	Yes	\$85.00	\$52.46
155	5-Jan-11	14	11	\$32.21	Yes	\$85.00	\$52.79
156	5-Jan-11	14	12	\$31.64	Yes	\$85.00	\$53.36
157	5-Jan-11	15	1	\$31.25	Yes	\$85.00	\$53.75
158	5-Jan-11	15	2	\$31.24	Yes	\$85.00	\$53.76
159	5-Jan-11	15	3	\$30.51	Yes	\$85.00	\$54.49
160	5-Jan-11	15	4	\$31.27	Yes	\$85.00	\$53.73
161	5-Jan-11	15	5	\$31.27	Yes	\$85.00	\$53.73
162	5-Jan-11	15	6	\$31.27	Yes	\$85.00	\$53.73
163	5-Jan-11	15	7	\$30.56	Yes	\$85.00	\$54.44
164	5-Jan-11	15	8	\$30.56	Yes	\$85.00	\$54.44
165	5-Jan-11	15	9	\$30.56	Yes	\$85.00	\$54.44
166	5-Jan-11	15	10	\$30.51	Yes	\$85.00	\$54.49
167	5-Jan-11	15	11	\$30.27	Yes	\$85.00	\$54.73
168	5-Jan-11	15	12	\$30.44	Yes	\$85.00	\$54.56
169	5-Jan-11	16	1	\$30.50	Yes	\$85.00	\$54.50
170	5-Jan-11	16	2	\$30.50	Yes	\$85.00	\$54.50
171	5-Jan-11	16	3	\$30.47	Yes	\$85.00	\$54.53
172	5-Jan-11	16	4	\$30.59	Yes	\$85.00	\$54.41
173	5-Jan-11	16	5	\$30.59	Yes	\$85.00	\$54.41
174	5-Jan-11	16	6	\$30.27	Yes	\$85.00	\$54.73
175	5-Jan-11	16	7	\$30.25	Yes	\$85.00	\$54.75
176	5-Jan-11	16	8	\$30.25	Yes	\$85.00	\$54.75
177	5-Jan-11	16	9	\$30.06	Yes	\$85.00	\$54.94

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	5-Jan-11	16	10	\$30.26	Yes	\$85.00	\$54.74
179	5-Jan-11	16	11	\$30.48	Yes	\$85.00	\$54.52
180	5-Jan-11	16	12	\$32.60	Yes	\$85.00	\$52.40
181	5-Jan-11	17	1	\$13.76	Yes	\$85.00	\$71.24
182	5-Jan-11	17	2	\$17.12	Yes	\$85.00	\$67.88
183	5-Jan-11	17	3	\$26.90	Yes	\$85.00	\$58.10
184	5-Jan-11	17	4	\$26.91	Yes	\$85.00	\$58.09
185	5-Jan-11	17	5	\$27.75	Yes	\$85.00	\$57.25
186	5-Jan-11	17	6	\$28.22	Yes	\$85.00	\$56.78
187	5-Jan-11	17	7	\$29.78	Yes	\$85.00	\$55.22
188	5-Jan-11	17	8	\$31.87	Yes	\$85.00	\$53.13
189	5-Jan-11	17	9	\$31.87	Yes	\$85.00	\$53.13
190	5-Jan-11	17	10	\$32.56	Yes	\$85.00	\$52.44
191	5-Jan-11	17	11	\$33.08	Yes	\$85.00	\$51.92
192	5-Jan-11	17	12	\$33.37	Yes	\$85.00	\$51.63
193	5-Jan-11	18	1	\$30.19	Yes	\$85.00	\$54.81
194	5-Jan-11	18	2	\$29.75	Yes	\$85.00	\$55.25
195	5-Jan-11	18	3	\$30.19	Yes	\$85.00	\$54.81
196	5-Jan-11	18	4	\$31.55	Yes	\$85.00	\$53.45
197	5-Jan-11	18	5	\$32.91	Yes	\$85.00	\$52.09
198	5-Jan-11	18	6	\$38.23	Yes	\$85.00	\$46.77
199	5-Jan-11	18	7	\$37.95	Yes	\$85.00	\$47.05
200	5-Jan-11	18	8	\$37.98	Yes	\$85.00	\$47.02
201	5-Jan-11	18	9	\$37.97	Yes	\$85.00	\$47.03
202	5-Jan-11	18	10	\$35.52	Yes	\$85.00	\$49.48
203	5-Jan-11	18	11	\$36.50	Yes	\$85.00	\$48.50
204	5-Jan-11	18	12	\$36.44	Yes	\$85.00	\$48.56
205	5-Jan-11	19	1	\$35.27	Yes	\$85.00	\$49.73
206	5-Jan-11	19	2	\$35.27	Yes	\$85.00	\$49.73
207	5-Jan-11	19	3	\$35.27	Yes	\$85.00	\$49.73
208	5-Jan-11	19	4	\$35.37	Yes	\$85.00	\$49.63
209	5-Jan-11	19	5	\$35.37	Yes	\$85.00	\$49.63
210	5-Jan-11	19	6	\$35.37	Yes	\$85.00	\$49.63
211	5-Jan-11	19	7	\$67.49	Yes	\$85.00	\$17.51
212	5-Jan-11	19	8	\$48.62	Yes	\$85.00	\$36.38
213	5-Jan-11	19	9	\$39.19	Yes	\$85.00	\$45.81
214	5-Jan-11	19	10	\$47.17	Yes	\$85.00	\$37.83
215	5-Jan-11	19	11	\$44.85	Yes	\$85.00	\$40.15
216	5-Jan-11	19	12	\$47.17	Yes	\$85.00	\$37.83
217	5-Jan-11	20	1	\$38.79	Yes	\$85.00	\$46.21
218	5-Jan-11	20	2	\$38.79	Yes	\$85.00	\$46.21
219	5-Jan-11	20	3	\$38.01	Yes	\$85.00	\$46.99
220	5-Jan-11	20	4	\$36.90	Yes	\$85.00	\$48.10
221	5-Jan-11	20	5	\$36.45	Yes	\$85.00	\$48.55
222	5-Jan-11	20	6	\$36.45	Yes	\$85.00	\$48.55

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	5-Jan-11	20	7	\$36.09	Yes	\$85.00	\$48.91
224	5-Jan-11	20	8	\$35.48	Yes	\$85.00	\$49.52
225	5-Jan-11	20	9	\$35.41	Yes	\$85.00	\$49.59
226	5-Jan-11	20	10	\$35.19	Yes	\$85.00	\$49.81
227	5-Jan-11	20	11	\$35.66	Yes	\$85.00	\$49.34
228	5-Jan-11	20	12	\$35.72	Yes	\$85.00	\$49.28
229	5-Jan-11	21	1	\$35.45	Yes	\$85.00	\$49.55
230	5-Jan-11	21	2	\$35.67	Yes	\$85.00	\$49.33
231	5-Jan-11	21	3	\$35.85	Yes	\$85.00	\$49.15
232	5-Jan-11	21	4	\$36.63	Yes	\$85.00	\$48.37
233	5-Jan-11	21	5	\$36.63	Yes	\$85.00	\$48.37
234	5-Jan-11	21	6	\$35.70	Yes	\$85.00	\$49.30
235	5-Jan-11	21	7	\$35.34	Yes	\$85.00	\$49.66
236	5-Jan-11	21	8	\$35.11	Yes	\$85.00	\$49.89
237	5-Jan-11	21	9	\$34.90	Yes	\$85.00	\$50.10
238	5-Jan-11	21	10	\$33.21	Yes	\$85.00	\$51.79
239	5-Jan-11	21	11	\$33.06	Yes	\$85.00	\$51.94
240	5-Jan-11	21	12	\$30.76	Yes	\$85.00	\$54.24
241	5-Jan-11	22	1	\$39.59	Yes	\$85.00	\$45.41
242	5-Jan-11	22	2	\$37.59	Yes	\$85.00	\$47.41
243	5-Jan-11	22	3	\$36.76	Yes	\$85.00	\$48.24
244	5-Jan-11	22	4	\$35.67	Yes	\$85.00	\$49.33
245	5-Jan-11	22	5	\$35.67	Yes	\$85.00	\$49.33
246	5-Jan-11	22	6	\$33.96	Yes	\$85.00	\$51.04
247	5-Jan-11	22	7	\$33.62	Yes	\$85.00	\$51.38
248	5-Jan-11	22	8	\$32.97	Yes	\$85.00	\$52.03
249	5-Jan-11	22	9	\$30.68	Yes	\$85.00	\$54.32
250	5-Jan-11	22	10	\$27.55	Yes	\$85.00	\$57.45
251	5-Jan-11	22	11	\$27.55	Yes	\$85.00	\$57.45
252	5-Jan-11	22	12	\$27.54	Yes	\$85.00	\$57.46
253	5-Jan-11	23	1	\$40.75	Yes	\$85.00	\$44.25
254	5-Jan-11	23	2	\$39.91	Yes	\$85.00	\$45.09
255	5-Jan-11	23	3	\$35.44	Yes	\$85.00	\$49.56
256	5-Jan-11	23	4	\$35.04	Yes	\$85.00	\$49.96
257	5-Jan-11	23	5	\$34.83	Yes	\$85.00	\$50.17
258	5-Jan-11	23	6	\$32.79	Yes	\$85.00	\$52.21
259	5-Jan-11	23	7	\$31.63	Yes	\$85.00	\$53.37
260	5-Jan-11	23	8	\$30.31	Yes	\$85.00	\$54.69
261	5-Jan-11	23	9	\$28.72	Yes	\$85.00	\$56.28
262	5-Jan-11	23	10	\$30.72	Yes	\$85.00	\$54.28
263	5-Jan-11	23	11	\$29.18	Yes	\$85.00	\$55.82
264	5-Jan-11	23	12	\$26.99	Yes	\$85.00	\$58.01
265	5-Jan-11	24	1	\$33.81	Yes	\$85.00	\$51.19
266	5-Jan-11	24	2	\$30.79	Yes	\$85.00	\$54.21
267	5-Jan-11	24	3	\$27.31	Yes	\$85.00	\$57.69

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	5-Jan-11	24	4	\$30.13	Yes	\$85.00	\$54.87
269	5-Jan-11	24	5	\$29.39	Yes	\$85.00	\$55.61
270	5-Jan-11	24	6	\$27.18	Yes	\$85.00	\$57.82
271	5-Jan-11	24	7	\$20.76	Yes	\$85.00	\$64.24
272	5-Jan-11	24	8	\$18.51	Yes	\$85.00	\$66.49
273	5-Jan-11	24	9	\$12.58	Yes	\$85.00	\$72.42
274	5-Jan-11	24	10	\$9.11	Yes	\$85.00	\$75.89
275	5-Jan-11	24	11	\$12.54	Yes	\$85.00	\$72.46
276	5-Jan-11	24	12	\$0.01	Yes	\$85.00	\$84.99
277	10-Jan-11	7	6	\$748.88	Yes	\$44.19	-\$704.69
278	10-Jan-11	7	7	\$746.51	Yes	\$44.19	-\$702.32
279	10-Jan-11	7	8	\$753.90	Yes	\$44.19	-\$709.71
280	10-Jan-11	7	9	\$753.90	Yes	\$44.19	-\$709.71
281	10-Jan-11	7	10	\$750.53	Yes	\$44.19	-\$706.34
282	10-Jan-11	7	11	\$750.53	Yes	\$44.19	-\$706.34
283	10-Jan-11	7	12	\$750.53	Yes	\$44.19	-\$706.34
284	10-Jan-11	8	1	\$750.75	Yes	\$44.19	-\$706.56
285	10-Jan-11	8	2	\$750.75	Yes	\$44.19	-\$706.56
286	10-Jan-11	8	3	\$750.75	Yes	\$44.19	-\$706.56
287	10-Jan-11	8	4	\$279.19	Yes	\$44.19	-\$235.00
288	10-Jan-11	8	5	\$328.97	Yes	\$44.19	-\$284.78
289	10-Jan-11	8	6	\$754.88	Yes	\$44.19	-\$710.69
290	10-Jan-11	8	7	\$333.18	Yes	\$44.19	-\$288.99
291	10-Jan-11	8	8	\$246.95	Yes	\$44.19	-\$202.76
292	10-Jan-11	8	9	\$87.02	Yes	\$44.19	-\$42.83
293	10-Jan-11	8	10	\$56.72	Yes	\$44.19	-\$12.53
294	10-Jan-11	8	11	\$46.41	Yes	\$44.19	-\$2.22
295	10-Jan-11	8	12	\$33.47	Yes	\$44.19	\$10.72
296	10-Jan-11	9	1	\$29.24	Yes	\$44.19	\$14.95
297	10-Jan-11	9	2	\$31.07	Yes	\$44.19	\$13.12
298	10-Jan-11	9	3	\$46.00	Yes	\$44.19	-\$1.81
299	10-Jan-11	9	4	\$43.94	Yes	\$44.19	\$0.25
300	10-Jan-11	9	5	\$45.89	Yes	\$44.19	-\$1.70
301	10-Jan-11	9	6	\$46.91	Yes	\$44.19	-\$2.72
302	10-Jan-11	9	7	\$46.29	Yes	\$44.19	-\$2.10
303	10-Jan-11	9	8	\$46.29	Yes	\$44.19	-\$2.10
304	10-Jan-11	9	9	\$46.85	Yes	\$44.19	-\$2.66
305	10-Jan-11	9	10	\$50.27	Yes	\$44.19	-\$6.08
306	10-Jan-11	9	11	\$49.93	Yes	\$44.19	-\$5.74
307	10-Jan-11	9	12	\$45.95	Yes	\$44.19	-\$1.76
308	10-Jan-11	10	1	\$45.73	Yes	\$44.19	-\$1.54
309	10-Jan-11	10	2	\$43.82	Yes	\$44.19	\$0.37
310	10-Jan-11	10	3	\$37.55	Yes	\$44.19	\$6.64
311	10-Jan-11	10	4	\$40.18	Yes	\$44.19	\$4.01
312	10-Jan-11	10	5	\$40.18	Yes	\$44.19	\$4.01

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	10-Jan-11	10	6	\$40.18	Yes	\$44.19	\$4.01
314	10-Jan-11	10	7	\$43.06	Yes	\$44.19	\$1.13
315	10-Jan-11	10	8	\$42.85	Yes	\$44.19	\$1.34
316	10-Jan-11	10	9	\$42.85	Yes	\$44.19	\$1.34
317	10-Jan-11	10	10	\$43.58	Yes	\$44.19	\$0.61
318	10-Jan-11	10	11	\$44.04	Yes	\$44.19	\$0.15
319	10-Jan-11	10	12	\$44.04	Yes	\$44.19	\$0.15
320	10-Jan-11	12	1	\$33.67	Yes	\$44.19	\$10.52
321	10-Jan-11	12	2	\$33.67	Yes	\$44.19	\$10.52
322	10-Jan-11	12	3	\$35.05	Yes	\$44.19	\$9.14
323	10-Jan-11	12	4	\$33.67	Yes	\$44.19	\$10.52
324	10-Jan-11	12	5	\$33.05	Yes	\$44.19	\$11.14
325	10-Jan-11	12	6	\$30.92	Yes	\$44.19	\$13.27
326	10-Jan-11	12	7	\$31.95	Yes	\$44.19	\$12.24
327	10-Jan-11	12	8	\$30.90	Yes	\$44.19	\$13.29
328	10-Jan-11	12	9	\$30.40	Yes	\$44.19	\$13.79
329	10-Jan-11	12	10	\$29.68	Yes	\$44.19	\$14.51
330	10-Jan-11	12	11	\$30.16	Yes	\$44.19	\$14.03
331	10-Jan-11	12	12	\$27.93	Yes	\$44.19	\$16.26
332	10-Jan-11	13	1	\$33.64	Yes	\$44.19	\$10.55
333	10-Jan-11	13	2	\$31.40	Yes	\$44.19	\$12.79
334	10-Jan-11	13	3	\$31.07	Yes	\$44.19	\$13.12
335	10-Jan-11	13	4	\$31.17	Yes	\$44.19	\$13.02
336	10-Jan-11	13	5	\$31.17	Yes	\$44.19	\$13.02
337	10-Jan-11	13	6	\$31.15	Yes	\$44.19	\$13.04
338	10-Jan-11	13	7	\$1,682.25	Yes	\$44.19	-\$1,638.06
339	10-Jan-11	13	8	\$47.31	Yes	\$44.19	-\$3.12
340	10-Jan-11	13	9	\$46.27	Yes	\$44.19	-\$2.08
341	10-Jan-11	13	10	\$44.19	Yes	\$44.19	\$0.00
342	10-Jan-11	13	11	\$44.19	Yes	\$44.19	\$0.00
343	10-Jan-11	13	12	\$46.18	Yes	\$44.19	-\$1.99
344	10-Jan-11	14	1	\$44.19	Yes	\$44.19	\$0.00
345	10-Jan-11	14	2	\$30.82	Yes	\$44.19	\$13.37
346	10-Jan-11	14	3	\$30.88	Yes	\$44.19	\$13.31
347	10-Jan-11	14	4	\$30.89	Yes	\$44.19	\$13.30
348	10-Jan-11	14	5	\$30.89	Yes	\$44.19	\$13.30
349	10-Jan-11	14	6	\$30.22	Yes	\$44.19	\$13.97
350	10-Jan-11	14	7	\$30.14	Yes	\$44.19	\$14.05
351	10-Jan-11	14	8	\$30.11	Yes	\$44.19	\$14.08
352	10-Jan-11	14	9	\$30.14	Yes	\$44.19	\$14.05
353	10-Jan-11	14	10	\$30.03	Yes	\$44.19	\$14.16
354	10-Jan-11	14	11	\$30.03	Yes	\$44.19	\$14.16
355	10-Jan-11	14	12	\$28.84	Yes	\$44.19	\$15.35
356	10-Jan-11	15	1	\$29.09	Yes	\$44.19	\$15.10
357	10-Jan-11	15	2	\$29.09	Yes	\$44.19	\$15.10

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	10-Jan-11	15	3	\$29.67	Yes	\$44.19	\$14.52
359	10-Jan-11	15	4	\$29.05	Yes	\$44.19	\$15.14
360	10-Jan-11	15	5	\$29.05	Yes	\$44.19	\$15.14
361	10-Jan-11	15	6	\$28.62	Yes	\$44.19	\$15.57
362	10-Jan-11	15	7	\$29.54	Yes	\$44.19	\$14.65
363	10-Jan-11	15	8	\$29.03	Yes	\$44.19	\$15.16
364	10-Jan-11	15	9	\$29.03	Yes	\$44.19	\$15.16
365	10-Jan-11	15	10	\$28.63	Yes	\$44.19	\$15.56
366	10-Jan-11	15	11	\$28.50	Yes	\$44.19	\$15.69
367	10-Jan-11	15	12	\$27.55	Yes	\$44.19	\$16.64
368	10-Jan-11	16	1	\$29.49	Yes	\$44.19	\$14.70
369	10-Jan-11	16	2	\$29.03	Yes	\$44.19	\$15.16
370	10-Jan-11	16	3	\$29.03	Yes	\$44.19	\$15.16
371	10-Jan-11	16	4	\$28.92	Yes	\$44.19	\$15.27
372	10-Jan-11	16	5	\$28.92	Yes	\$44.19	\$15.27
373	10-Jan-11	16	6	\$28.92	Yes	\$44.19	\$15.27
374	10-Jan-11	16	7	\$28.91	Yes	\$44.19	\$15.28
375	10-Jan-11	16	8	\$28.79	Yes	\$44.19	\$15.40
376	10-Jan-11	16	9	\$28.91	Yes	\$44.19	\$15.28
377	10-Jan-11	16	10	\$29.00	Yes	\$44.19	\$15.19
378	10-Jan-11	16	11	\$29.50	Yes	\$44.19	\$14.69
379	10-Jan-11	16	12	\$31.05	Yes	\$44.19	\$13.14
380	10-Jan-11	17	1	\$16.88	Yes	\$44.19	\$27.31
381	10-Jan-11	17	2	\$23.50	Yes	\$44.19	\$20.69
382	10-Jan-11	17	3	\$27.88	Yes	\$44.19	\$16.31
383	10-Jan-11	17	4	\$28.14	Yes	\$44.19	\$16.05
384	10-Jan-11	17	5	\$28.96	Yes	\$44.19	\$15.23
385	10-Jan-11	17	6	\$32.62	Yes	\$44.19	\$11.57
386	10-Jan-11	17	7	\$30.95	Yes	\$44.19	\$13.24
387	10-Jan-11	17	8	\$31.55	Yes	\$44.19	\$12.64
388	10-Jan-11	17	9	\$30.83	Yes	\$44.19	\$13.36
389	10-Jan-11	17	10	\$53.66	Yes	\$44.19	-\$9.47
390	10-Jan-11	17	11	\$44.19	Yes	\$44.19	\$0.00
391	10-Jan-11	17	12	\$57.55	Yes	\$44.19	-\$13.36
392	10-Jan-11	18	1	\$23.58	Yes	\$44.19	\$20.61
393	10-Jan-11	18	2	\$17.09	Yes	\$44.19	\$27.10
394	10-Jan-11	18	3	\$26.05	Yes	\$44.19	\$18.14
395	10-Jan-11	18	4	\$29.29	Yes	\$44.19	\$14.90
396	10-Jan-11	18	5	\$29.78	Yes	\$44.19	\$14.41
397	10-Jan-11	18	6	\$47.31	Yes	\$44.19	-\$3.12
398	10-Jan-11	18	7	\$42.08	Yes	\$44.19	\$2.11
399	10-Jan-11	18	8	\$47.55	Yes	\$44.19	-\$3.36
400	10-Jan-11	18	9	\$48.31	Yes	\$44.19	-\$4.12
401	10-Jan-11	18	10	\$47.30	Yes	\$44.19	-\$3.11
402	10-Jan-11	18	11	\$47.30	Yes	\$44.19	-\$3.11

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	10-Jan-11	18	12	\$44.84	Yes	\$44.19	-\$0.65
404	10-Jan-11	19	1	\$1,098.47	Yes	\$44.19	-\$1,054.28
405	10-Jan-11	19	2	\$197.38	Yes	\$44.19	-\$153.19
406	10-Jan-11	19	3	\$143.63	Yes	\$44.19	-\$99.44
407	10-Jan-11	19	4	\$108.28	Yes	\$44.19	-\$64.09
408	10-Jan-11	19	5	\$95.04	Yes	\$44.19	-\$50.85
409	10-Jan-11	19	6	\$92.27	Yes	\$44.19	-\$48.08
410	10-Jan-11	19	7	\$47.31	Yes	\$44.19	-\$3.12
411	10-Jan-11	19	8	\$47.13	Yes	\$44.19	-\$2.94
412	10-Jan-11	19	9	\$47.31	Yes	\$44.19	-\$3.12
413	10-Jan-11	19	10	\$47.31	Yes	\$44.19	-\$3.12
414	10-Jan-11	19	11	\$47.31	Yes	\$44.19	-\$3.12
415	10-Jan-11	19	12	\$47.31	Yes	\$44.19	-\$3.12
416	10-Jan-11	20	1	\$47.31	Yes	\$44.19	-\$3.12
417	10-Jan-11	20	2	\$47.31	Yes	\$44.19	-\$3.12
418	10-Jan-11	20	3	\$47.31	Yes	\$44.19	-\$3.12
419	10-Jan-11	20	4	\$47.30	Yes	\$44.19	-\$3.11
420	10-Jan-11	20	5	\$47.30	Yes	\$44.19	-\$3.11
421	10-Jan-11	20	6	\$47.30	Yes	\$44.19	-\$3.11
422	10-Jan-11	20	7	\$41.29	Yes	\$44.19	\$2.90
423	10-Jan-11	20	8	\$44.19	Yes	\$44.19	\$0.00
424	10-Jan-11	20	9	\$44.19	Yes	\$44.19	\$0.00
425	10-Jan-11	20	10	\$41.30	Yes	\$44.19	\$2.89
426	10-Jan-11	20	11	\$41.30	Yes	\$44.19	\$2.89
427	10-Jan-11	20	12	\$41.98	Yes	\$44.19	\$2.21
428	10-Jan-11	21	1	\$45.94	Yes	\$44.19	-\$1.75
429	10-Jan-11	21	2	\$45.94	Yes	\$44.19	-\$1.75
430	10-Jan-11	21	3	\$45.94	Yes	\$44.19	-\$1.75
431	10-Jan-11	21	4	\$45.98	Yes	\$44.19	-\$1.79
432	10-Jan-11	21	5	\$45.50	Yes	\$44.19	-\$1.31
433	10-Jan-11	21	6	\$44.45	Yes	\$44.19	-\$0.26
434	10-Jan-11	21	7	\$45.10	Yes	\$44.19	-\$0.91
435	10-Jan-11	21	8	\$44.35	Yes	\$44.19	-\$0.16
436	10-Jan-11	21	9	\$43.79	Yes	\$44.19	\$0.40
437	10-Jan-11	21	10	\$41.43	Yes	\$44.19	\$2.76
438	10-Jan-11	21	11	\$38.03	Yes	\$44.19	\$6.16
439	10-Jan-11	21	12	\$37.33	Yes	\$44.19	\$6.86
440	11-Jan-11	7	8	\$39.28	Yes	\$41.53	\$2.25
441	11-Jan-11	7	9	\$43.42	Yes	\$41.53	-\$1.89
442	11-Jan-11	7	10	\$44.29	Yes	\$41.53	-\$2.76
443	11-Jan-11	7	11	\$45.50	Yes	\$41.53	-\$3.97
444	11-Jan-11	7	12	\$757.43	Yes	\$41.53	-\$715.90
445	11-Jan-11	8	1	\$44.98	Yes	\$41.53	-\$3.45
446	11-Jan-11	8	2	\$44.98	Yes	\$41.53	-\$3.45
447	11-Jan-11	8	3	\$45.47	Yes	\$41.53	-\$3.94

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	11-Jan-11	8	4	\$47.26	Yes	\$41.53	-\$5.73
449	11-Jan-11	8	5	\$44.43	Yes	\$41.53	-\$2.90
450	11-Jan-11	8	6	\$55.74	Yes	\$41.53	-\$14.21
451	11-Jan-11	8	7	\$53.25	Yes	\$41.53	-\$11.72
452	11-Jan-11	8	8	\$51.49	Yes	\$41.53	-\$9.96
453	11-Jan-11	8	9	\$46.12	Yes	\$41.53	-\$4.59
454	11-Jan-11	8	10	\$46.11	Yes	\$41.53	-\$4.58
455	11-Jan-11	8	11	\$47.14	Yes	\$41.53	-\$5.61
456	11-Jan-11	8	12	\$53.17	Yes	\$41.53	-\$11.64
457	11-Jan-11	9	1	\$40.64	Yes	\$41.53	\$0.89
458	11-Jan-11	9	2	\$40.64	Yes	\$41.53	\$0.89
459	11-Jan-11	9	3	\$41.29	Yes	\$41.53	\$0.24
460	11-Jan-11	9	4	\$41.53	Yes	\$41.53	\$0.00
461	11-Jan-11	9	5	\$43.48	Yes	\$41.53	-\$1.95
462	11-Jan-11	9	6	\$41.53	Yes	\$41.53	\$0.00
463	11-Jan-11	9	7	\$41.53	Yes	\$41.53	\$0.00
464	11-Jan-11	9	8	\$40.62	Yes	\$41.53	\$0.91
465	11-Jan-11	9	9	\$40.62	Yes	\$41.53	\$0.91
466	11-Jan-11	9	10	\$41.73	Yes	\$41.53	-\$0.20
467	11-Jan-11	9	11	\$36.27	Yes	\$41.53	\$5.26
468	11-Jan-11	9	12	\$36.38	Yes	\$41.53	\$5.15
469	11-Jan-11	10	1	\$33.23	Yes	\$41.53	\$8.30
470	11-Jan-11	10	2	\$32.98	Yes	\$41.53	\$8.55
471	11-Jan-11	10	3	\$31.93	Yes	\$41.53	\$9.60
472	11-Jan-11	10	4	\$30.75	Yes	\$41.53	\$10.78
473	11-Jan-11	10	5	\$31.35	Yes	\$41.53	\$10.18
474	11-Jan-11	10	6	\$31.78	Yes	\$41.53	\$9.75
475	11-Jan-11	10	7	\$32.73	Yes	\$41.53	\$8.80
476	11-Jan-11	10	8	\$32.73	Yes	\$41.53	\$8.80
477	11-Jan-11	10	9	\$32.73	Yes	\$41.53	\$8.80
478	11-Jan-11	10	10	\$31.97	Yes	\$41.53	\$9.56
479	11-Jan-11	10	11	\$31.97	Yes	\$41.53	\$9.56
480	11-Jan-11	10	12	\$32.99	Yes	\$41.53	\$8.54
481	11-Jan-11	11	1	\$33.36	Yes	\$41.53	\$8.17
482	11-Jan-11	11	2	\$34.03	Yes	\$41.53	\$7.50
483	11-Jan-11	11	3	\$46.12	Yes	\$41.53	-\$4.59
484	11-Jan-11	11	4	\$34.74	Yes	\$41.53	\$6.79
485	11-Jan-11	11	5	\$34.74	Yes	\$41.53	\$6.79
486	11-Jan-11	11	6	\$38.47	Yes	\$41.53	\$3.06
487	11-Jan-11	11	7	\$51.57	Yes	\$41.53	-\$10.04
488	11-Jan-11	11	8	\$41.53	Yes	\$41.53	\$0.00
489	11-Jan-11	11	9	\$41.53	Yes	\$41.53	\$0.00
490	11-Jan-11	11	10	\$42.32	Yes	\$41.53	-\$0.79
491	11-Jan-11	11	11	\$51.51	Yes	\$41.53	-\$9.98
492	11-Jan-11	11	12	\$46.12	Yes	\$41.53	-\$4.59

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	11-Jan-11	12	1	\$45.01	Yes	\$41.53	-\$3.48
494	11-Jan-11	12	2	\$44.35	Yes	\$41.53	-\$2.82
495	11-Jan-11	12	3	\$42.63	Yes	\$41.53	-\$1.10
496	11-Jan-11	12	4	\$42.35	Yes	\$41.53	-\$0.82
497	11-Jan-11	12	5	\$41.53	Yes	\$41.53	\$0.00
498	11-Jan-11	12	6	\$41.53	Yes	\$41.53	\$0.00
499	11-Jan-11	12	7	\$1,498.49	Yes	\$41.53	-\$1,456.96
500	11-Jan-11	12	8	\$1,498.49	Yes	\$41.53	-\$1,456.96
501	11-Jan-11	12	9	\$1,498.49	Yes	\$41.53	-\$1,456.96
502	11-Jan-11	12	10	\$32.63	Yes	\$41.53	\$8.90
503	11-Jan-11	12	11	\$45.14	Yes	\$41.53	-\$3.61
504	11-Jan-11	12	12	\$45.14	Yes	\$41.53	-\$3.61
505	11-Jan-11	13	1	\$43.69	Yes	\$41.53	-\$2.16
506	11-Jan-11	13	2	\$42.26	Yes	\$41.53	-\$0.73
507	11-Jan-11	13	3	\$41.89	Yes	\$41.53	-\$0.36
508	11-Jan-11	13	4	\$41.53	Yes	\$41.53	\$0.00
509	11-Jan-11	13	5	\$41.89	Yes	\$41.53	-\$0.36
510	11-Jan-11	13	6	\$45.01	Yes	\$41.53	-\$3.48
511	11-Jan-11	13	7	\$45.49	Yes	\$41.53	-\$3.96
512	11-Jan-11	13	8	\$45.49	Yes	\$41.53	-\$3.96
513	11-Jan-11	13	9	\$45.49	Yes	\$41.53	-\$3.96
514	11-Jan-11	13	10	\$45.48	Yes	\$41.53	-\$3.95
515	11-Jan-11	13	11	\$45.48	Yes	\$41.53	-\$3.95
516	11-Jan-11	13	12	\$46.12	Yes	\$41.53	-\$4.59
517	11-Jan-11	14	1	\$45.01	Yes	\$41.53	-\$3.48
518	11-Jan-11	14	2	\$45.41	Yes	\$41.53	-\$3.88
519	11-Jan-11	14	3	\$45.41	Yes	\$41.53	-\$3.88
520	11-Jan-11	14	4	\$43.96	Yes	\$41.53	-\$2.43
521	11-Jan-11	14	5	\$43.96	Yes	\$41.53	-\$2.43
522	11-Jan-11	14	6	\$44.24	Yes	\$41.53	-\$2.71
523	11-Jan-11	14	7	\$1,437.19	Yes	\$41.53	-\$1,395.66
524	11-Jan-11	14	8	\$1,734.52	Yes	\$41.53	-\$1,692.99
525	11-Jan-11	14	9	\$234.89	Yes	\$41.53	-\$193.36
526	11-Jan-11	14	10	\$80.27	Yes	\$41.53	-\$38.74
527	11-Jan-11	14	11	\$30.79	Yes	\$41.53	\$10.74
528	11-Jan-11	14	12	\$44.81	Yes	\$41.53	-\$3.28
529	11-Jan-11	15	1	\$31.17	Yes	\$41.53	\$10.36
530	11-Jan-11	15	2	\$45.01	Yes	\$41.53	-\$3.48
531	11-Jan-11	15	3	\$45.53	Yes	\$41.53	-\$4.00
532	11-Jan-11	15	4	\$45.45	Yes	\$41.53	-\$3.92
533	11-Jan-11	15	5	\$45.50	Yes	\$41.53	-\$3.97
534	11-Jan-11	15	6	\$45.50	Yes	\$41.53	-\$3.97
535	11-Jan-11	15	7	\$33.16	Yes	\$41.53	\$8.37
536	11-Jan-11	15	8	\$32.99	Yes	\$41.53	\$8.54
537	11-Jan-11	15	9	\$32.99	Yes	\$41.53	\$8.54

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	11-Jan-11	15	10	\$46.12	Yes	\$41.53	-\$4.59
539	11-Jan-11	15	11	\$44.37	Yes	\$41.53	-\$2.84
540	11-Jan-11	15	12	\$45.43	Yes	\$41.53	-\$3.90
541	11-Jan-11	16	1	\$29.97	Yes	\$41.53	\$11.56
542	11-Jan-11	16	2	\$31.99	Yes	\$41.53	\$9.54
543	11-Jan-11	16	3	\$31.81	Yes	\$41.53	\$9.72
544	11-Jan-11	16	4	\$30.85	Yes	\$41.53	\$10.68
545	11-Jan-11	16	5	\$30.85	Yes	\$41.53	\$10.68
546	11-Jan-11	16	6	\$30.85	Yes	\$41.53	\$10.68
547	11-Jan-11	16	7	\$30.21	Yes	\$41.53	\$11.32
548	11-Jan-11	16	8	\$30.95	Yes	\$41.53	\$10.58
549	11-Jan-11	16	9	\$31.03	Yes	\$41.53	\$10.50
550	11-Jan-11	16	10	\$30.94	Yes	\$41.53	\$10.59
551	11-Jan-11	16	11	\$31.13	Yes	\$41.53	\$10.40
552	11-Jan-11	16	12	\$33.15	Yes	\$41.53	\$8.38
553	11-Jan-11	17	1	\$41.53	Yes	\$41.53	\$0.00
554	11-Jan-11	17	2	\$41.53	Yes	\$41.53	\$0.00
555	11-Jan-11	17	3	\$41.53	Yes	\$41.53	\$0.00
556	11-Jan-11	17	4	\$35.27	Yes	\$41.53	\$6.26
557	11-Jan-11	17	5	\$41.53	Yes	\$41.53	\$0.00
558	11-Jan-11	17	6	\$41.53	Yes	\$41.53	\$0.00
559	11-Jan-11	17	7	\$41.53	Yes	\$41.53	\$0.00
560	11-Jan-11	17	8	\$36.80	Yes	\$41.53	\$4.73
561	11-Jan-11	17	9	\$53.17	Yes	\$41.53	-\$11.64
562	11-Jan-11	17	10	\$34.04	Yes	\$41.53	\$7.49
563	11-Jan-11	17	11	\$36.61	Yes	\$41.53	\$4.92
564	11-Jan-11	17	12	\$36.27	Yes	\$41.53	\$5.26
565	11-Jan-11	18	1	\$23.97	Yes	\$41.53	\$17.56
566	11-Jan-11	18	2	\$1,855.58	Yes	\$41.53	-\$1,814.05
567	11-Jan-11	18	3	\$1,857.59	Yes	\$41.53	-\$1,816.06
568	11-Jan-11	18	4	\$1,834.64	Yes	\$41.53	-\$1,793.11
569	11-Jan-11	18	5	\$2,011.74	Yes	\$41.53	-\$1,970.21
570	11-Jan-11	18	6	\$2,250.20	Yes	\$41.53	-\$2,208.67
571	11-Jan-11	18	7	\$1,587.76	Yes	\$41.53	-\$1,546.23
572	11-Jan-11	18	8	\$214.54	Yes	\$41.53	-\$173.01
573	11-Jan-11	18	9	\$36.15	Yes	\$41.53	\$5.38
574	11-Jan-11	18	10	\$36.10	Yes	\$41.53	\$5.43
575	11-Jan-11	18	11	\$36.14	Yes	\$41.53	\$5.39
576	11-Jan-11	18	12	\$44.07	Yes	\$41.53	-\$2.54
577	11-Jan-11	19	1	\$55.43	Yes	\$41.53	-\$13.90
578	11-Jan-11	19	2	\$78.10	Yes	\$41.53	-\$36.57
579	11-Jan-11	19	3	\$48.51	Yes	\$41.53	-\$6.98
580	11-Jan-11	19	4	\$53.14	Yes	\$41.53	-\$11.61
581	11-Jan-11	19	5	\$49.23	Yes	\$41.53	-\$7.70
582	11-Jan-11	19	6	\$48.50	Yes	\$41.53	-\$6.97

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	11-Jan-11	19	7	\$46.12	Yes	\$41.53	-\$4.59
584	11-Jan-11	19	8	\$45.01	Yes	\$41.53	-\$3.48
585	11-Jan-11	19	9	\$43.50	Yes	\$41.53	-\$1.97
586	11-Jan-11	19	10	\$55.90	Yes	\$41.53	-\$14.37
587	11-Jan-11	19	11	\$49.30	Yes	\$41.53	-\$7.77
588	11-Jan-11	19	12	\$45.54	Yes	\$41.53	-\$4.01
589	11-Jan-11	20	1	\$41.45	Yes	\$41.53	\$0.08
590	11-Jan-11	20	2	\$39.37	Yes	\$41.53	\$2.16
591	11-Jan-11	20	3	\$40.92	Yes	\$41.53	\$0.61
592	11-Jan-11	20	4	\$39.44	Yes	\$41.53	\$2.09
593	11-Jan-11	20	5	\$36.33	Yes	\$41.53	\$5.20
594	11-Jan-11	20	6	\$36.33	Yes	\$41.53	\$5.20
595	11-Jan-11	20	7	\$38.70	Yes	\$41.53	\$2.83
596	11-Jan-11	20	8	\$36.26	Yes	\$41.53	\$5.27
597	11-Jan-11	20	9	\$35.91	Yes	\$41.53	\$5.62
598	11-Jan-11	20	10	\$35.70	Yes	\$41.53	\$5.83
599	11-Jan-11	20	11	\$35.70	Yes	\$41.53	\$5.83
600	11-Jan-11	20	12	\$36.21	Yes	\$41.53	\$5.32
601	15-Jan-11	17	6	\$26.85	Yes	\$40.14	\$13.29
602	15-Jan-11	17	7	\$26.96	Yes	\$40.14	\$13.18
603	15-Jan-11	17	8	\$26.90	Yes	\$40.14	\$13.24
604	15-Jan-11	17	9	\$27.44	Yes	\$40.14	\$12.70
605	15-Jan-11	17	10	\$34.92	Yes	\$40.14	\$5.22
606	15-Jan-11	17	11	\$34.92	Yes	\$40.14	\$5.22
607	15-Jan-11	17	12	\$34.92	Yes	\$40.14	\$5.22
608	15-Jan-11	18	1	\$25.10	Yes	\$40.14	\$15.04
609	15-Jan-11	18	2	\$13.92	Yes	\$40.14	\$26.22
610	15-Jan-11	18	3	\$16.60	Yes	\$40.14	\$23.54
611	15-Jan-11	18	4	\$23.26	Yes	\$40.14	\$16.88
612	15-Jan-11	18	5	\$28.68	Yes	\$40.14	\$11.46
613	15-Jan-11	18	6	\$28.21	Yes	\$40.14	\$11.93
614	15-Jan-11	18	7	\$30.41	Yes	\$40.14	\$9.73
615	15-Jan-11	18	8	\$30.07	Yes	\$40.14	\$10.07
616	15-Jan-11	18	9	\$41.80	Yes	\$40.14	-\$1.66
617	15-Jan-11	18	10	\$69.57	Yes	\$40.14	-\$29.43
618	15-Jan-11	18	11	\$16.52	Yes	\$40.14	\$23.62
619	15-Jan-11	18	12	\$73.50	Yes	\$40.14	-\$33.36
620	15-Jan-11	19	1	\$69.30	Yes	\$40.14	-\$29.16
621	15-Jan-11	19	2	\$69.30	Yes	\$40.14	-\$29.16
622	15-Jan-11	19	3	\$40.42	Yes	\$40.14	-\$0.28
623	15-Jan-11	19	4	\$41.06	Yes	\$40.14	-\$0.92
624	15-Jan-11	19	5	\$40.21	Yes	\$40.14	-\$0.07
625	15-Jan-11	19	6	\$35.43	Yes	\$40.14	\$4.71
626	15-Jan-11	19	7	\$32.30	Yes	\$40.14	\$7.84
627	15-Jan-11	19	8	\$28.03	Yes	\$40.14	\$12.11

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	15-Jan-11	19	9	\$29.42	Yes	\$40.14	\$10.72
629	15-Jan-11	19	10	\$27.17	Yes	\$40.14	\$12.97
630	15-Jan-11	19	11	\$28.25	Yes	\$40.14	\$11.89
631	15-Jan-11	19	12	\$28.25	Yes	\$40.14	\$11.89
632	15-Jan-11	20	1	\$28.57	Yes	\$40.14	\$11.57
633	15-Jan-11	20	2	\$28.57	Yes	\$40.14	\$11.57
634	15-Jan-11	20	3	\$28.57	Yes	\$40.14	\$11.57
635	15-Jan-11	20	4	\$27.49	Yes	\$40.14	\$12.65
636	15-Jan-11	20	5	\$27.40	Yes	\$40.14	\$12.74
637	15-Jan-11	20	6	\$28.55	Yes	\$40.14	\$11.59
638	15-Jan-11	20	7	\$27.30	Yes	\$40.14	\$12.84
639	15-Jan-11	20	8	\$27.22	Yes	\$40.14	\$12.92
640	15-Jan-11	20	9	\$27.46	Yes	\$40.14	\$12.68
641	15-Jan-11	20	10	\$27.53	Yes	\$40.14	\$12.61
642	15-Jan-11	20	11	\$27.43	Yes	\$40.14	\$12.71
643	15-Jan-11	20	12	\$28.59	Yes	\$40.14	\$11.55
644	15-Jan-11	21	1	\$29.69	Yes	\$40.14	\$10.45
645	15-Jan-11	21	2	\$30.91	Yes	\$40.14	\$9.23
646	15-Jan-11	21	3	\$30.91	Yes	\$40.14	\$9.23
647	15-Jan-11	21	4	\$37.39	Yes	\$40.14	\$2.75
648	15-Jan-11	21	5	\$32.24	Yes	\$40.14	\$7.90
649	15-Jan-11	21	6	\$32.24	Yes	\$40.14	\$7.90
650	15-Jan-11	21	7	\$30.90	Yes	\$40.14	\$9.24
651	15-Jan-11	21	8	\$30.90	Yes	\$40.14	\$9.24
652	15-Jan-11	21	9	\$30.90	Yes	\$40.14	\$9.24
653	15-Jan-11	21	10	\$30.94	Yes	\$40.14	\$9.20
654	15-Jan-11	21	11	\$29.63	Yes	\$40.14	\$10.51
655	15-Jan-11	21	12	\$24.27	Yes	\$40.14	\$15.87
656	15-Jan-11	22	1	\$42.80	Yes	\$40.14	-\$2.66
657	15-Jan-11	22	2	\$37.38	Yes	\$40.14	\$2.76
658	15-Jan-11	22	3	\$27.23	Yes	\$40.14	\$12.91
659	15-Jan-11	22	4	\$29.70	Yes	\$40.14	\$10.44
660	15-Jan-11	22	5	\$31.78	Yes	\$40.14	\$8.36
661	15-Jan-11	22	6	\$35.30	Yes	\$40.14	\$4.84
662	15-Jan-11	22	7	\$35.24	Yes	\$40.14	\$4.90
663	15-Jan-11	22	8	\$31.87	Yes	\$40.14	\$8.27
664	15-Jan-11	22	9	\$27.17	Yes	\$40.14	\$12.97
665	15-Jan-11	22	10	\$28.36	Yes	\$40.14	\$11.78
666	15-Jan-11	22	11	\$27.07	Yes	\$40.14	\$13.07
667	15-Jan-11	22	12	\$31.75	Yes	\$40.14	\$8.39
668	16-Jan-11	14	3	\$35.37	Yes	\$40.14	\$4.77
669	16-Jan-11	14	4	\$35.37	Yes	\$40.14	\$4.77
670	16-Jan-11	14	5	\$35.37	Yes	\$40.14	\$4.77
671	16-Jan-11	14	6	\$35.37	Yes	\$40.14	\$4.77
672	16-Jan-11	14	7	\$35.39	Yes	\$40.14	\$4.75

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	16-Jan-11	14	8	\$35.39	Yes	\$40.14	\$4.75
674	16-Jan-11	14	9	\$35.39	Yes	\$40.14	\$4.75
675	16-Jan-11	14	10	\$35.37	Yes	\$40.14	\$4.77
676	16-Jan-11	14	11	\$31.31	Yes	\$40.14	\$8.83
677	16-Jan-11	14	12	\$44.80	Yes	\$40.14	-\$4.66
678	16-Jan-11	15	1	\$25.40	Yes	\$40.14	\$14.74
679	16-Jan-11	15	2	\$26.82	Yes	\$40.14	\$13.32
680	16-Jan-11	15	3	\$28.24	Yes	\$40.14	\$11.90
681	16-Jan-11	15	4	\$28.23	Yes	\$40.14	\$11.91
682	16-Jan-11	15	5	\$28.23	Yes	\$40.14	\$11.91
683	16-Jan-11	15	6	\$28.23	Yes	\$40.14	\$11.91
684	16-Jan-11	15	7	\$28.15	Yes	\$40.14	\$11.99
685	16-Jan-11	15	8	\$28.15	Yes	\$40.14	\$11.99
686	16-Jan-11	15	9	\$28.15	Yes	\$40.14	\$11.99
687	16-Jan-11	15	10	\$29.34	Yes	\$40.14	\$10.80
688	16-Jan-11	15	11	\$29.34	Yes	\$40.14	\$10.80
689	16-Jan-11	15	12	\$31.23	Yes	\$40.14	\$8.91
690	16-Jan-11	16	1	\$10.53	Yes	\$40.14	\$29.61
691	16-Jan-11	16	2	\$12.18	Yes	\$40.14	\$27.96
692	16-Jan-11	16	3	\$7.83	Yes	\$40.14	\$32.31
693	16-Jan-11	16	4	\$10.57	Yes	\$40.14	\$29.57
694	16-Jan-11	16	5	\$13.28	Yes	\$40.14	\$26.86
695	16-Jan-11	16	6	\$16.09	Yes	\$40.14	\$24.05
696	16-Jan-11	16	7	\$16.11	Yes	\$40.14	\$24.03
697	16-Jan-11	16	8	\$16.11	Yes	\$40.14	\$24.03
698	16-Jan-11	16	9	\$16.19	Yes	\$40.14	\$23.95
699	16-Jan-11	16	10	\$16.47	Yes	\$40.14	\$23.67
700	16-Jan-11	16	11	\$16.25	Yes	\$40.14	\$23.89
701	16-Jan-11	16	12	\$16.04	Yes	\$40.14	\$24.10
702	16-Jan-11	17	1	\$5.34	Yes	\$40.14	\$34.80
703	16-Jan-11	17	2	\$10.13	Yes	\$40.14	\$30.01
704	16-Jan-11	17	3	\$0.10	Yes	\$40.14	\$40.04
705	16-Jan-11	17	4	\$0.10	Yes	\$40.14	\$40.04
706	16-Jan-11	17	5	\$0.10	Yes	\$40.14	\$40.04
707	16-Jan-11	17	6	\$5.38	Yes	\$40.14	\$34.76
708	16-Jan-11	17	7	\$0.05	Yes	\$40.14	\$40.09
709	16-Jan-11	17	8	\$5.37	Yes	\$40.14	\$34.77
710	16-Jan-11	17	9	\$12.56	Yes	\$40.14	\$27.58
711	16-Jan-11	17	10	\$16.27	Yes	\$40.14	\$23.87
712	16-Jan-11	17	11	\$16.27	Yes	\$40.14	\$23.87
713	16-Jan-11	17	12	\$10.60	Yes	\$40.14	\$29.54
714	16-Jan-11	18	1	\$0.01	Yes	\$40.14	\$40.13
715	16-Jan-11	18	2	\$0.10	Yes	\$40.14	\$40.04
716	16-Jan-11	18	3	\$10.12	Yes	\$40.14	\$30.02
717	16-Jan-11	18	4	\$13.20	Yes	\$40.14	\$26.94

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	16-Jan-11	18	5	\$16.37	Yes	\$40.14	\$23.77
719	16-Jan-11	18	6	\$30.22	Yes	\$40.14	\$9.92
720	16-Jan-11	18	7	\$27.87	Yes	\$40.14	\$12.27
721	16-Jan-11	18	8	\$746.78	Yes	\$40.14	-\$706.64
722	16-Jan-11	18	9	\$52.77	Yes	\$40.14	-\$12.63
723	16-Jan-11	18	10	\$35.51	Yes	\$40.14	\$4.63
724	16-Jan-11	18	11	\$32.19	Yes	\$40.14	\$7.95
725	16-Jan-11	18	12	\$43.46	Yes	\$40.14	-\$3.32
726	16-Jan-11	19	1	\$517.70	Yes	\$40.14	-\$477.56
727	16-Jan-11	19	2	\$745.73	Yes	\$40.14	-\$705.59
728	16-Jan-11	19	3	\$745.73	Yes	\$40.14	-\$705.59
729	16-Jan-11	19	4	\$745.13	Yes	\$40.14	-\$704.99
730	16-Jan-11	19	5	\$517.33	Yes	\$40.14	-\$477.19
731	16-Jan-11	19	6	\$48.73	Yes	\$40.14	-\$8.59
732	16-Jan-11	19	7	\$55.43	Yes	\$40.14	-\$15.29
733	16-Jan-11	19	8	\$55.43	Yes	\$40.14	-\$15.29
734	16-Jan-11	19	9	\$55.43	Yes	\$40.14	-\$15.29
735	16-Jan-11	19	10	\$67.62	Yes	\$40.14	-\$27.48
736	16-Jan-11	19	11	\$46.92	Yes	\$40.14	-\$6.78
737	16-Jan-11	19	12	\$35.32	Yes	\$40.14	\$4.82
738	16-Jan-11	20	1	\$32.03	Yes	\$40.14	\$8.11
739	16-Jan-11	20	2	\$32.03	Yes	\$40.14	\$8.11
740	16-Jan-11	20	3	\$32.03	Yes	\$40.14	\$8.11
741	16-Jan-11	20	4	\$32.18	Yes	\$40.14	\$7.96
742	16-Jan-11	20	5	\$32.18	Yes	\$40.14	\$7.96
743	16-Jan-11	20	6	\$32.18	Yes	\$40.14	\$7.96
744	16-Jan-11	20	7	\$29.73	Yes	\$40.14	\$10.41
745	16-Jan-11	20	8	\$29.73	Yes	\$40.14	\$10.41
746	16-Jan-11	20	9	\$30.33	Yes	\$40.14	\$9.81
747	16-Jan-11	20	10	\$28.37	Yes	\$40.14	\$11.77
748	16-Jan-11	20	11	\$28.77	Yes	\$40.14	\$11.37
749	16-Jan-11	20	12	\$27.99	Yes	\$40.14	\$12.15
750	19-Jan-11	10	5	\$32.78	Yes	\$40.14	\$7.36
751	19-Jan-11	10	6	\$32.78	Yes	\$40.14	\$7.36
752	19-Jan-11	10	7	\$32.40	Yes	\$40.14	\$7.74
753	19-Jan-11	10	8	\$32.40	Yes	\$40.14	\$7.74
754	19-Jan-11	10	9	\$16.71	Yes	\$40.14	\$23.43
755	19-Jan-11	10	10	\$16.73	Yes	\$40.14	\$23.41
756	19-Jan-11	10	11	\$16.73	Yes	\$40.14	\$23.41
757	19-Jan-11	10	12	\$28.25	Yes	\$40.14	\$11.89
758	19-Jan-11	11	1	\$32.81	Yes	\$40.14	\$7.33
759	19-Jan-11	11	2	\$30.29	Yes	\$40.14	\$9.85
760	19-Jan-11	11	3	\$28.66	Yes	\$40.14	\$11.48
761	19-Jan-11	11	4	\$28.62	Yes	\$40.14	\$11.52
762	19-Jan-11	11	5	\$28.53	Yes	\$40.14	\$11.61

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
763	19-Jan-11	11	6	\$28.62	Yes	\$40.14	\$11.52
764	19-Jan-11	11	7	\$28.84	Yes	\$40.14	\$11.30
765	19-Jan-11	11	8	\$31.02	Yes	\$40.14	\$9.12
766	19-Jan-11	11	9	\$30.49	Yes	\$40.14	\$9.65
767	19-Jan-11	11	10	\$29.74	Yes	\$40.14	\$10.40
768	19-Jan-11	11	11	\$33.05	Yes	\$40.14	\$7.09
769	19-Jan-11	11	12	\$33.05	Yes	\$40.14	\$7.09
770	19-Jan-11	12	1	\$27.60	Yes	\$40.14	\$12.54
771	19-Jan-11	12	2	\$27.60	Yes	\$40.14	\$12.54
772	19-Jan-11	12	3	\$29.07	Yes	\$40.14	\$11.07
773	19-Jan-11	12	4	\$27.52	Yes	\$40.14	\$12.62
774	19-Jan-11	12	5	\$26.81	Yes	\$40.14	\$13.33
775	19-Jan-11	12	6	\$13.05	Yes	\$40.14	\$27.09
776	19-Jan-11	12	7	\$16.83	Yes	\$40.14	\$23.31
777	19-Jan-11	12	8	\$23.09	Yes	\$40.14	\$17.05
778	19-Jan-11	12	9	\$24.97	Yes	\$40.14	\$15.17
779	19-Jan-11	12	10	\$25.86	Yes	\$40.14	\$14.28
780	19-Jan-11	12	11	\$24.92	Yes	\$40.14	\$15.22
781	19-Jan-11	12	12	\$13.23	Yes	\$40.14	\$26.91
782	19-Jan-11	13	1	\$0.05	Yes	\$40.14	\$40.09
783	19-Jan-11	13	2	\$0.00	Yes	\$40.14	\$40.14
784	19-Jan-11	13	3	\$0.00	Yes	\$40.14	\$40.14
785	19-Jan-11	13	4	-\$24.46	Yes	\$40.14	\$64.60
786	19-Jan-11	13	5	\$0.00	Yes	\$40.14	\$40.14
787	19-Jan-11	13	6	\$0.01	Yes	\$40.14	\$40.13
788	19-Jan-11	13	7	\$0.01	Yes	\$40.14	\$40.13
789	19-Jan-11	13	8	\$0.01	Yes	\$40.14	\$40.13
790	19-Jan-11	13	9	\$0.01	Yes	\$40.14	\$40.13
791	19-Jan-11	13	10	\$0.01	Yes	\$40.14	\$40.13
792	19-Jan-11	13	11	\$0.01	Yes	\$40.14	\$40.13
793	19-Jan-11	13	12	\$0.10	Yes	\$40.14	\$40.04
794	19-Jan-11	14	1	\$13.68	Yes	\$40.14	\$26.46
795	19-Jan-11	14	2	\$25.08	Yes	\$40.14	\$15.06
796	19-Jan-11	14	3	\$25.08	Yes	\$40.14	\$15.06
797	19-Jan-11	14	4	\$25.23	Yes	\$40.14	\$14.91
798	19-Jan-11	14	5	\$25.23	Yes	\$40.14	\$14.91
799	19-Jan-11	14	6	\$30.27	Yes	\$40.14	\$9.87
800	19-Jan-11	14	7	\$29.15	Yes	\$40.14	\$10.99
801	19-Jan-11	14	8	\$30.36	Yes	\$40.14	\$9.78
802	19-Jan-11	14	9	\$28.64	Yes	\$40.14	\$11.50
803	19-Jan-11	14	10	\$29.03	Yes	\$40.14	\$11.11
804	19-Jan-11	14	11	\$28.46	Yes	\$40.14	\$11.68
805	19-Jan-11	14	12	\$28.46	Yes	\$40.14	\$11.68
806	19-Jan-11	15	1	\$31.09	Yes	\$40.14	\$9.05
807	19-Jan-11	15	2	\$31.48	Yes	\$40.14	\$8.66

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
808	19-Jan-11	15	3	\$31.48	Yes	\$40.14	\$8.66
809	19-Jan-11	15	4	\$31.51	Yes	\$40.14	\$8.63
810	19-Jan-11	15	5	\$31.51	Yes	\$40.14	\$8.63
811	19-Jan-11	15	6	\$31.01	Yes	\$40.14	\$9.13
812	19-Jan-11	15	7	\$30.69	Yes	\$40.14	\$9.45
813	19-Jan-11	15	8	\$30.69	Yes	\$40.14	\$9.45
814	19-Jan-11	15	9	\$30.33	Yes	\$40.14	\$9.81
815	19-Jan-11	15	10	\$30.70	Yes	\$40.14	\$9.44
816	19-Jan-11	15	11	\$29.50	Yes	\$40.14	\$10.64
817	19-Jan-11	15	12	\$29.18	Yes	\$40.14	\$10.96
818	19-Jan-11	16	1	\$28.78	Yes	\$40.14	\$11.36
819	19-Jan-11	16	2	\$28.78	Yes	\$40.14	\$11.36
820	19-Jan-11	16	3	\$28.70	Yes	\$40.14	\$11.44
821	19-Jan-11	16	4	\$17.24	Yes	\$40.14	\$22.90
822	19-Jan-11	16	5	\$11.06	Yes	\$40.14	\$29.08
823	19-Jan-11	16	6	\$12.87	Yes	\$40.14	\$27.27
824	19-Jan-11	16	7	\$13.76	Yes	\$40.14	\$26.38
825	19-Jan-11	16	8	\$16.64	Yes	\$40.14	\$23.50
826	19-Jan-11	16	9	\$13.76	Yes	\$40.14	\$26.38
827	19-Jan-11	16	10	\$13.77	Yes	\$40.14	\$26.37
828	19-Jan-11	16	11	\$16.57	Yes	\$40.14	\$23.57
829	19-Jan-11	16	12	\$25.40	Yes	\$40.14	\$14.74
830	19-Jan-11	17	1	\$11.17	Yes	\$40.14	\$28.97
831	19-Jan-11	17	2	\$13.85	Yes	\$40.14	\$26.29
832	19-Jan-11	17	3	\$16.56	Yes	\$40.14	\$23.58
833	19-Jan-11	17	4	\$17.22	Yes	\$40.14	\$22.92
834	19-Jan-11	17	5	\$14.21	Yes	\$40.14	\$25.93
835	19-Jan-11	17	6	\$20.53	Yes	\$40.14	\$19.61
836	19-Jan-11	17	7	\$27.80	Yes	\$40.14	\$12.34
837	19-Jan-11	17	8	\$26.83	Yes	\$40.14	\$13.31
838	19-Jan-11	17	9	\$28.23	Yes	\$40.14	\$11.91
839	19-Jan-11	17	10	\$30.18	Yes	\$40.14	\$9.96
840	19-Jan-11	17	11	\$29.73	Yes	\$40.14	\$10.41
841	19-Jan-11	17	12	\$28.50	Yes	\$40.14	\$11.64
842	19-Jan-11	18	1	\$17.30	Yes	\$40.14	\$22.84
843	19-Jan-11	18	2	\$17.35	Yes	\$40.14	\$22.79
844	19-Jan-11	18	3	\$28.49	Yes	\$40.14	\$11.65
845	19-Jan-11	18	4	\$31.08	Yes	\$40.14	\$9.06
846	19-Jan-11	18	5	\$33.24	Yes	\$40.14	\$6.90
847	19-Jan-11	18	6	\$33.00	Yes	\$40.14	\$7.14
848	19-Jan-11	18	7	\$36.07	Yes	\$40.14	\$4.07
849	19-Jan-11	18	8	\$42.69	Yes	\$40.14	-\$2.55
850	19-Jan-11	18	9	\$46.89	Yes	\$40.14	-\$6.75
851	19-Jan-11	18	10	\$46.72	Yes	\$40.14	-\$6.58
852	19-Jan-11	18	11	\$46.80	Yes	\$40.14	-\$6.66

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	19-Jan-11	18	12	\$46.80	Yes	\$40.14	-\$6.66
854	19-Jan-11	19	1	\$47.41	Yes	\$40.14	-\$7.27
855	19-Jan-11	19	2	\$47.41	Yes	\$40.14	-\$7.27
856	19-Jan-11	19	3	\$47.41	Yes	\$40.14	-\$7.27
857	19-Jan-11	19	4	\$55.22	Yes	\$40.14	-\$15.08
858	19-Jan-11	19	5	\$54.54	Yes	\$40.14	-\$14.40
859	19-Jan-11	19	6	\$48.08	Yes	\$40.14	-\$7.94
860	19-Jan-11	19	7	\$46.18	Yes	\$40.14	-\$6.04
861	19-Jan-11	19	8	\$44.96	Yes	\$40.14	-\$4.82
862	19-Jan-11	19	9	\$45.26	Yes	\$40.14	-\$5.12
863	19-Jan-11	19	10	\$46.12	Yes	\$40.14	-\$5.98
864	19-Jan-11	19	11	\$46.12	Yes	\$40.14	-\$5.98
865	19-Jan-11	19	12	\$46.86	Yes	\$40.14	-\$6.72
866	19-Jan-11	20	1	\$47.01	Yes	\$40.14	-\$6.87
867	19-Jan-11	20	2	\$47.78	Yes	\$40.14	-\$7.64
868	19-Jan-11	20	3	\$47.78	Yes	\$40.14	-\$7.64
869	19-Jan-11	20	4	\$46.44	Yes	\$40.14	-\$6.30
870	19-Jan-11	20	5	\$46.44	Yes	\$40.14	-\$6.30
871	19-Jan-11	20	6	\$46.44	Yes	\$40.14	-\$6.30
872	19-Jan-11	20	7	\$45.26	Yes	\$40.14	-\$5.12
873	19-Jan-11	20	8	\$44.74	Yes	\$40.14	-\$4.60
874	19-Jan-11	20	9	\$44.76	Yes	\$40.14	-\$4.62
875	19-Jan-11	20	10	\$44.84	Yes	\$40.14	-\$4.70
876	19-Jan-11	20	11	\$44.84	Yes	\$40.14	-\$4.70
877	19-Jan-11	20	12	\$44.95	Yes	\$40.14	-\$4.81
878	20-Jan-11	15	2	\$38.79	Yes	\$41.13	\$2.34
879	20-Jan-11	15	3	\$28.24	Yes	\$41.13	\$12.89
880	20-Jan-11	15	4	\$50.23	Yes	\$41.13	-\$9.10
881	20-Jan-11	15	5	\$43.73	Yes	\$41.13	-\$2.60
882	20-Jan-11	15	6	\$34.92	Yes	\$41.13	\$6.21
883	20-Jan-11	15	7	\$27.66	Yes	\$41.13	\$13.47
884	20-Jan-11	15	8	\$28.17	Yes	\$41.13	\$12.96
885	20-Jan-11	15	9	\$27.66	Yes	\$41.13	\$13.47
886	20-Jan-11	15	10	\$1,326.83	Yes	\$41.13	-\$1,285.70
887	20-Jan-11	15	11	\$319.49	Yes	\$41.13	-\$278.36
888	20-Jan-11	15	12	\$166.09	Yes	\$41.13	-\$124.96
889	20-Jan-11	16	1	\$28.32	Yes	\$41.13	\$12.81
890	20-Jan-11	16	2	\$28.21	Yes	\$41.13	\$12.92
891	20-Jan-11	16	3	\$28.28	Yes	\$41.13	\$12.85
892	20-Jan-11	16	4	\$44.80	Yes	\$41.13	-\$3.67
893	20-Jan-11	16	5	\$38.93	Yes	\$41.13	\$2.20
894	20-Jan-11	16	6	\$38.81	Yes	\$41.13	\$2.32
895	20-Jan-11	16	7	\$27.70	Yes	\$41.13	\$13.43
896	20-Jan-11	16	8	\$27.70	Yes	\$41.13	\$13.43
897	20-Jan-11	16	9	\$27.70	Yes	\$41.13	\$13.43

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	20-Jan-11	16	10	\$27.38	Yes	\$41.13	\$13.75
899	20-Jan-11	16	11	\$27.67	Yes	\$41.13	\$13.46
900	20-Jan-11	16	12	\$30.31	Yes	\$41.13	\$10.82
901	20-Jan-11	17	1	\$13.95	Yes	\$41.13	\$27.18
902	20-Jan-11	17	2	\$15.89	Yes	\$41.13	\$25.24
903	20-Jan-11	17	3	\$15.89	Yes	\$41.13	\$25.24
904	20-Jan-11	17	4	\$20.90	Yes	\$41.13	\$20.23
905	20-Jan-11	17	5	\$21.79	Yes	\$41.13	\$19.34
906	20-Jan-11	17	6	\$32.43	Yes	\$41.13	\$8.70
907	20-Jan-11	17	7	\$32.44	Yes	\$41.13	\$8.69
908	20-Jan-11	17	8	\$30.50	Yes	\$41.13	\$10.63
909	20-Jan-11	17	9	\$29.17	Yes	\$41.13	\$11.96
910	20-Jan-11	17	10	\$29.11	Yes	\$41.13	\$12.02
911	20-Jan-11	17	11	\$29.42	Yes	\$41.13	\$11.71
912	20-Jan-11	17	12	\$29.91	Yes	\$41.13	\$11.22
913	20-Jan-11	18	1	\$31.77	Yes	\$41.13	\$9.36
914	20-Jan-11	18	2	\$32.47	Yes	\$41.13	\$8.66
915	20-Jan-11	18	3	\$33.87	Yes	\$41.13	\$7.26
916	20-Jan-11	18	4	\$33.42	Yes	\$41.13	\$7.71
917	20-Jan-11	18	5	\$32.46	Yes	\$41.13	\$8.67
918	20-Jan-11	18	6	\$42.67	Yes	\$41.13	-\$1.54
919	20-Jan-11	18	7	\$754.65	Yes	\$41.13	-\$713.52
920	20-Jan-11	18	8	\$754.65	Yes	\$41.13	-\$713.52
921	20-Jan-11	18	9	\$754.65	Yes	\$41.13	-\$713.52
922	20-Jan-11	18	10	\$753.83	Yes	\$41.13	-\$712.70
923	20-Jan-11	18	11	\$753.83	Yes	\$41.13	-\$712.70
924	20-Jan-11	18	12	\$462.79	Yes	\$41.13	-\$421.66
925	20-Jan-11	19	1	\$84.78	Yes	\$41.13	-\$43.65
926	20-Jan-11	19	2	\$74.73	Yes	\$41.13	-\$33.60
927	20-Jan-11	19	3	\$41.31	Yes	\$41.13	-\$0.18
928	20-Jan-11	19	4	\$29.96	Yes	\$41.13	\$11.17
929	20-Jan-11	19	5	\$29.59	Yes	\$41.13	\$11.54
930	20-Jan-11	19	6	\$30.79	Yes	\$41.13	\$10.34
931	20-Jan-11	19	7	\$30.47	Yes	\$41.13	\$10.66
932	20-Jan-11	19	8	\$31.31	Yes	\$41.13	\$9.82
933	20-Jan-11	19	9	\$30.47	Yes	\$41.13	\$10.66
934	20-Jan-11	19	10	\$32.36	Yes	\$41.13	\$8.77
935	20-Jan-11	19	11	\$32.37	Yes	\$41.13	\$8.76
936	20-Jan-11	19	12	\$30.08	Yes	\$41.13	\$11.05
937	20-Jan-11	20	1	\$36.60	Yes	\$41.13	\$4.53
938	20-Jan-11	20	2	\$35.61	Yes	\$41.13	\$5.52
939	20-Jan-11	20	3	\$36.71	Yes	\$41.13	\$4.42
940	20-Jan-11	20	4	\$39.14	Yes	\$41.13	\$1.99
941	20-Jan-11	20	5	\$40.61	Yes	\$41.13	\$0.52
942	20-Jan-11	20	6	\$40.61	Yes	\$41.13	\$0.52

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	20-Jan-11	20	7	\$39.26	Yes	\$41.13	\$1.87
944	20-Jan-11	20	8	\$42.01	Yes	\$41.13	-\$0.88
945	20-Jan-11	20	9	\$40.73	Yes	\$41.13	\$0.40
946	20-Jan-11	20	10	\$41.58	Yes	\$41.13	-\$0.45
947	20-Jan-11	20	11	\$41.58	Yes	\$41.13	-\$0.45
948	20-Jan-11	20	12	\$41.58	Yes	\$41.13	-\$0.45
949	21-Jan-11	17	8	\$7.43	Yes	\$40.63	\$33.20
950	21-Jan-11	17	9	\$8.82	Yes	\$40.63	\$31.81
951	21-Jan-11	17	10	\$33.72	Yes	\$40.63	\$6.91
952	21-Jan-11	17	11	\$17.77	Yes	\$40.63	\$22.86
953	21-Jan-11	17	12	\$25.29	Yes	\$40.63	\$15.34
954	21-Jan-11	18	1	\$13.45	Yes	\$40.63	\$27.18
955	21-Jan-11	18	2	\$17.39	Yes	\$40.63	\$23.24
956	21-Jan-11	18	3	\$21.92	Yes	\$40.63	\$18.71
957	21-Jan-11	18	4	\$28.76	Yes	\$40.63	\$11.87
958	21-Jan-11	18	5	\$32.50	Yes	\$40.63	\$8.13
959	21-Jan-11	18	6	\$32.69	Yes	\$40.63	\$7.94
960	21-Jan-11	18	7	\$35.54	Yes	\$40.63	\$5.09
961	21-Jan-11	18	8	\$35.15	Yes	\$40.63	\$5.48
962	21-Jan-11	18	9	\$41.75	Yes	\$40.63	-\$1.12
963	21-Jan-11	18	10	\$36.39	Yes	\$40.63	\$4.24
964	21-Jan-11	18	11	\$41.23	Yes	\$40.63	-\$0.60
965	21-Jan-11	18	12	\$35.57	Yes	\$40.63	\$5.06
966	21-Jan-11	19	1	\$40.32	Yes	\$40.63	\$0.31
967	21-Jan-11	19	2	\$35.08	Yes	\$40.63	\$5.55
968	21-Jan-11	19	3	\$32.51	Yes	\$40.63	\$8.12
969	21-Jan-11	19	4	\$32.55	Yes	\$40.63	\$8.08
970	21-Jan-11	19	5	\$32.55	Yes	\$40.63	\$8.08
971	21-Jan-11	19	6	\$32.55	Yes	\$40.63	\$8.08
972	21-Jan-11	19	7	\$32.30	Yes	\$40.63	\$8.33
973	21-Jan-11	19	8	\$30.94	Yes	\$40.63	\$9.69
974	21-Jan-11	19	9	\$30.30	Yes	\$40.63	\$10.33
975	21-Jan-11	19	10	\$31.00	Yes	\$40.63	\$9.63
976	21-Jan-11	19	11	\$30.09	Yes	\$40.63	\$10.54
977	21-Jan-11	19	12	\$29.12	Yes	\$40.63	\$11.51
978	22-Jan-11	17	1	\$0.00	Yes	\$40.63	\$40.63
979	22-Jan-11	17	2	\$0.00	Yes	\$40.63	\$40.63
980	22-Jan-11	17	3	\$0.00	Yes	\$40.63	\$40.63
981	22-Jan-11	17	4	\$0.01	Yes	\$40.63	\$40.62
982	22-Jan-11	17	5	\$10.76	Yes	\$40.63	\$29.87
983	22-Jan-11	17	6	\$10.76	Yes	\$40.63	\$29.87
984	22-Jan-11	17	7	\$13.67	Yes	\$40.63	\$26.96
985	22-Jan-11	17	8	\$11.05	Yes	\$40.63	\$29.58
986	22-Jan-11	17	9	\$14.01	Yes	\$40.63	\$26.62
987	22-Jan-11	17	10	\$36.06	Yes	\$40.63	\$4.57

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	22-Jan-11	17	11	\$32.52	Yes	\$40.63	\$8.11
989	22-Jan-11	17	12	\$36.01	Yes	\$40.63	\$4.62
990	22-Jan-11	18	1	\$25.60	Yes	\$40.63	\$15.03
991	22-Jan-11	18	2	\$11.01	Yes	\$40.63	\$29.62
992	22-Jan-11	18	3	\$5.53	Yes	\$40.63	\$35.10
993	22-Jan-11	18	4	\$0.01	Yes	\$40.63	\$40.62
994	22-Jan-11	18	5	\$5.59	Yes	\$40.63	\$35.04
995	22-Jan-11	18	6	\$13.27	Yes	\$40.63	\$27.36
996	22-Jan-11	18	7	\$18.14	Yes	\$40.63	\$22.49
997	22-Jan-11	18	8	\$34.46	Yes	\$40.63	\$6.17
998	22-Jan-11	18	9	\$47.33	Yes	\$40.63	-\$6.70
999	22-Jan-11	18	10	\$53.88	Yes	\$40.63	-\$13.25
1000	22-Jan-11	18	11	\$51.88	Yes	\$40.63	-\$11.25
1001	22-Jan-11	18	12	\$51.31	Yes	\$40.63	-\$10.68
1002	22-Jan-11	19	1	\$41.12	Yes	\$40.63	-\$0.49
1003	22-Jan-11	19	2	\$30.74	Yes	\$40.63	\$9.89
1004	22-Jan-11	19	3	\$33.01	Yes	\$40.63	\$7.62
1005	22-Jan-11	19	4	\$36.12	Yes	\$40.63	\$4.51
1006	22-Jan-11	19	5	\$33.05	Yes	\$40.63	\$7.58
1007	22-Jan-11	19	6	\$33.05	Yes	\$40.63	\$7.58
1008	22-Jan-11	19	7	\$49.75	Yes	\$40.63	-\$9.12
1009	22-Jan-11	19	8	\$50.53	Yes	\$40.63	-\$9.90
1010	22-Jan-11	19	9	\$50.53	Yes	\$40.63	-\$9.90
1011	22-Jan-11	19	10	\$50.51	Yes	\$40.63	-\$9.88
1012	22-Jan-11	19	11	\$43.93	Yes	\$40.63	-\$3.30
1013	22-Jan-11	19	12	\$24.22	Yes	\$40.63	\$16.41
1014	23-Jan-11	16	6	\$27.71	Yes	\$40.63	\$12.92
1015	23-Jan-11	16	7	\$28.11	Yes	\$40.63	\$12.52
1016	23-Jan-11	16	8	\$28.68	Yes	\$40.63	\$11.95
1017	23-Jan-11	16	9	\$29.16	Yes	\$40.63	\$11.47
1018	23-Jan-11	16	10	\$31.18	Yes	\$40.63	\$9.45
1019	23-Jan-11	16	11	\$32.69	Yes	\$40.63	\$7.94
1020	23-Jan-11	16	12	\$33.62	Yes	\$40.63	\$7.01
1021	23-Jan-11	17	1	\$0.10	Yes	\$40.63	\$40.53
1022	23-Jan-11	17	2	\$0.10	Yes	\$40.63	\$40.53
1023	23-Jan-11	17	3	\$10.28	Yes	\$40.63	\$30.35
1024	23-Jan-11	17	4	\$10.32	Yes	\$40.63	\$30.31
1025	23-Jan-11	17	5	\$10.74	Yes	\$40.63	\$29.89
1026	23-Jan-11	17	6	\$10.74	Yes	\$40.63	\$29.89
1027	23-Jan-11	17	7	\$23.90	Yes	\$40.63	\$16.73
1028	23-Jan-11	17	8	\$23.34	Yes	\$40.63	\$17.29
1029	23-Jan-11	17	9	\$23.90	Yes	\$40.63	\$16.73
1030	23-Jan-11	17	10	\$31.06	Yes	\$40.63	\$9.57
1031	23-Jan-11	17	11	\$35.95	Yes	\$40.63	\$4.68
1032	23-Jan-11	17	12	\$31.06	Yes	\$40.63	\$9.57

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	23-Jan-11	18	1	\$13.86	Yes	\$40.63	\$26.77
1034	23-Jan-11	18	2	\$11.91	Yes	\$40.63	\$28.72
1035	23-Jan-11	18	3	\$13.86	Yes	\$40.63	\$26.77
1036	23-Jan-11	18	4	\$18.13	Yes	\$40.63	\$22.50
1037	23-Jan-11	18	5	\$23.98	Yes	\$40.63	\$16.65
1038	23-Jan-11	18	6	\$32.11	Yes	\$40.63	\$8.52
1039	23-Jan-11	18	7	\$32.71	Yes	\$40.63	\$7.92
1040	23-Jan-11	18	8	\$37.78	Yes	\$40.63	\$2.85
1041	23-Jan-11	18	9	\$48.46	Yes	\$40.63	-\$7.83
1042	23-Jan-11	18	10	\$53.66	Yes	\$40.63	-\$13.03
1043	23-Jan-11	18	11	\$53.90	Yes	\$40.63	-\$13.27
1044	23-Jan-11	18	12	\$53.85	Yes	\$40.63	-\$13.22
1045	23-Jan-11	19	1	\$48.41	Yes	\$40.63	-\$7.78
1046	23-Jan-11	19	2	\$47.08	Yes	\$40.63	-\$6.45
1047	23-Jan-11	19	3	\$52.13	Yes	\$40.63	-\$11.50
1048	23-Jan-11	19	4	\$51.20	Yes	\$40.63	-\$10.57
1049	23-Jan-11	19	5	\$50.35	Yes	\$40.63	-\$9.72
1050	23-Jan-11	19	6	\$50.35	Yes	\$40.63	-\$9.72
1051	23-Jan-11	19	7	\$46.90	Yes	\$40.63	-\$6.27
1052	23-Jan-11	19	8	\$46.90	Yes	\$40.63	-\$6.27
1053	23-Jan-11	19	9	\$46.90	Yes	\$40.63	-\$6.27
1054	23-Jan-11	19	10	\$46.94	Yes	\$40.63	-\$6.31
1055	23-Jan-11	19	11	\$46.94	Yes	\$40.63	-\$6.31
1056	23-Jan-11	19	12	\$51.49	Yes	\$40.63	-\$10.86
1057	24-Jan-11	15	7	\$41.54	Yes	\$40.63	-\$0.91
1058	24-Jan-11	15	8	\$39.68	Yes	\$40.63	\$0.95
1059	24-Jan-11	15	9	\$34.10	Yes	\$40.63	\$6.53
1060	24-Jan-11	15	10	\$38.45	Yes	\$40.63	\$2.18
1061	24-Jan-11	15	11	\$10.68	Yes	\$40.63	\$29.95
1062	24-Jan-11	15	12	\$18.36	Yes	\$40.63	\$22.27
1063	24-Jan-11	16	1	\$25.56	Yes	\$40.63	\$15.07
1064	24-Jan-11	16	2	\$13.68	Yes	\$40.63	\$26.95
1065	24-Jan-11	16	3	\$13.66	Yes	\$40.63	\$26.97
1066	24-Jan-11	16	4	\$21.35	Yes	\$40.63	\$19.28
1067	24-Jan-11	16	5	\$17.10	Yes	\$40.63	\$23.53
1068	24-Jan-11	16	6	\$17.10	Yes	\$40.63	\$23.53
1069	24-Jan-11	16	7	\$23.26	Yes	\$40.63	\$17.37
1070	24-Jan-11	16	8	\$13.99	Yes	\$40.63	\$26.64
1071	24-Jan-11	16	9	\$13.99	Yes	\$40.63	\$26.64
1072	24-Jan-11	16	10	\$22.68	Yes	\$40.63	\$17.95
1073	24-Jan-11	16	11	\$25.39	Yes	\$40.63	\$15.24
1074	24-Jan-11	16	12	\$32.39	Yes	\$40.63	\$8.24
1075	24-Jan-11	17	1	\$11.95	Yes	\$40.63	\$28.68
1076	24-Jan-11	17	2	\$16.13	Yes	\$40.63	\$24.50
1077	24-Jan-11	17	3	\$25.38	Yes	\$40.63	\$15.25

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	24-Jan-11	17	4	\$16.12	Yes	\$40.63	\$24.51
1079	24-Jan-11	17	5	\$16.97	Yes	\$40.63	\$23.66
1080	24-Jan-11	17	6	\$23.23	Yes	\$40.63	\$17.40
1081	24-Jan-11	17	7	\$29.39	Yes	\$40.63	\$11.24
1082	24-Jan-11	17	8	\$30.47	Yes	\$40.63	\$10.16
1083	24-Jan-11	17	9	\$30.42	Yes	\$40.63	\$10.21
1084	24-Jan-11	17	10	\$31.23	Yes	\$40.63	\$9.40
1085	24-Jan-11	17	11	\$31.57	Yes	\$40.63	\$9.06
1086	24-Jan-11	17	12	\$32.34	Yes	\$40.63	\$8.29
1087	24-Jan-11	18	1	\$29.98	Yes	\$40.63	\$10.65
1088	24-Jan-11	18	2	\$29.46	Yes	\$40.63	\$11.17
1089	24-Jan-11	18	3	\$29.98	Yes	\$40.63	\$10.65
1090	24-Jan-11	18	4	\$28.79	Yes	\$40.63	\$11.84
1091	24-Jan-11	18	5	\$29.62	Yes	\$40.63	\$11.01
1092	24-Jan-11	18	6	\$30.14	Yes	\$40.63	\$10.49
1093	24-Jan-11	18	7	\$33.12	Yes	\$40.63	\$7.51
1094	24-Jan-11	18	8	\$43.48	Yes	\$40.63	-\$2.85
1095	24-Jan-11	18	9	\$85.07	Yes	\$40.63	-\$44.44
1096	24-Jan-11	18	10	\$86.21	Yes	\$40.63	-\$45.58
1097	24-Jan-11	18	11	\$760.73	Yes	\$40.63	-\$720.10
1098	24-Jan-11	18	12	\$86.21	Yes	\$40.63	-\$45.58
1099	24-Jan-11	19	1	\$75.13	Yes	\$40.63	-\$34.50
1100	24-Jan-11	19	2	\$75.13	Yes	\$40.63	-\$34.50
1101	24-Jan-11	19	3	\$71.06	Yes	\$40.63	-\$30.43
1102	24-Jan-11	19	4	\$63.09	Yes	\$40.63	-\$22.46
1103	24-Jan-11	19	5	\$67.16	Yes	\$40.63	-\$26.53
1104	24-Jan-11	19	6	\$69.73	Yes	\$40.63	-\$29.10
1105	24-Jan-11	19	7	\$42.84	Yes	\$40.63	-\$2.21
1106	24-Jan-11	19	8	\$44.91	Yes	\$40.63	-\$4.28
1107	24-Jan-11	19	9	\$45.95	Yes	\$40.63	-\$5.32
1108	24-Jan-11	19	10	\$46.19	Yes	\$40.63	-\$5.56
1109	24-Jan-11	19	11	\$33.04	Yes	\$40.63	\$7.59
1110	24-Jan-11	19	12	\$31.63	Yes	\$40.63	\$9.00
1111	24-Jan-11	20	1	\$33.08	Yes	\$40.63	\$7.55
1112	24-Jan-11	20	2	\$31.53	Yes	\$40.63	\$9.10
1113	24-Jan-11	20	3	\$33.08	Yes	\$40.63	\$7.55
1114	24-Jan-11	20	4	\$42.38	Yes	\$40.63	-\$1.75
1115	24-Jan-11	20	5	\$42.38	Yes	\$40.63	-\$1.75
1116	24-Jan-11	20	6	\$43.26	Yes	\$40.63	-\$2.63
1117	24-Jan-11	20	7	\$42.18	Yes	\$40.63	-\$1.55
1118	24-Jan-11	20	8	\$42.18	Yes	\$40.63	-\$1.55
1119	24-Jan-11	20	9	\$37.28	Yes	\$40.63	\$3.35
1120	24-Jan-11	20	10	\$30.06	Yes	\$40.63	\$10.57
1121	24-Jan-11	20	11	\$31.28	Yes	\$40.63	\$9.35
1122	24-Jan-11	20	12	\$33.04	Yes	\$40.63	\$7.59

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	25-Jan-11	10	8	\$34.23	Yes	\$40.63	\$6.40
1124	25-Jan-11	10	9	\$34.23	Yes	\$40.63	\$6.40
1125	25-Jan-11	10	10	\$34.76	Yes	\$40.63	\$5.87
1126	25-Jan-11	10	11	\$34.76	Yes	\$40.63	\$5.87
1127	25-Jan-11	10	12	\$33.23	Yes	\$40.63	\$7.40
1128	25-Jan-11	11	1	\$38.60	Yes	\$40.63	\$2.03
1129	25-Jan-11	11	2	\$36.72	Yes	\$40.63	\$3.91
1130	25-Jan-11	11	3	\$36.31	Yes	\$40.63	\$4.32
1131	25-Jan-11	11	4	\$36.38	Yes	\$40.63	\$4.25
1132	25-Jan-11	11	5	\$36.38	Yes	\$40.63	\$4.25
1133	25-Jan-11	11	6	\$36.38	Yes	\$40.63	\$4.25
1134	25-Jan-11	11	7	\$37.03	Yes	\$40.63	\$3.60
1135	25-Jan-11	11	8	\$37.03	Yes	\$40.63	\$3.60
1136	25-Jan-11	11	9	\$36.57	Yes	\$40.63	\$4.06
1137	25-Jan-11	11	10	\$36.88	Yes	\$40.63	\$3.75
1138	25-Jan-11	11	11	\$36.88	Yes	\$40.63	\$3.75
1139	25-Jan-11	11	12	\$38.70	Yes	\$40.63	\$1.93
1140	25-Jan-11	12	1	\$38.66	Yes	\$40.63	\$1.97
1141	25-Jan-11	12	2	\$38.66	Yes	\$40.63	\$1.97
1142	25-Jan-11	12	3	\$38.66	Yes	\$40.63	\$1.97
1143	25-Jan-11	12	4	\$28.99	Yes	\$40.63	\$11.64
1144	25-Jan-11	12	5	\$17.34	Yes	\$40.63	\$23.29
1145	25-Jan-11	12	6	\$31.72	Yes	\$40.63	\$8.91
1146	25-Jan-11	12	7	\$32.58	Yes	\$40.63	\$8.05
1147	25-Jan-11	12	8	\$34.63	Yes	\$40.63	\$6.00
1148	25-Jan-11	12	9	\$34.63	Yes	\$40.63	\$6.00
1149	25-Jan-11	12	10	\$33.22	Yes	\$40.63	\$7.41
1150	25-Jan-11	12	11	\$33.22	Yes	\$40.63	\$7.41
1151	25-Jan-11	12	12	\$32.98	Yes	\$40.63	\$7.65
1152	25-Jan-11	13	1	\$35.10	Yes	\$40.63	\$5.53
1153	25-Jan-11	13	2	\$34.08	Yes	\$40.63	\$6.55
1154	25-Jan-11	13	3	\$34.08	Yes	\$40.63	\$6.55
1155	25-Jan-11	13	4	\$34.64	Yes	\$40.63	\$5.99
1156	25-Jan-11	13	5	\$35.26	Yes	\$40.63	\$5.37
1157	25-Jan-11	13	6	\$34.23	Yes	\$40.63	\$6.40
1158	25-Jan-11	13	7	\$33.19	Yes	\$40.63	\$7.44
1159	25-Jan-11	13	8	\$32.92	Yes	\$40.63	\$7.71
1160	25-Jan-11	13	9	\$32.53	Yes	\$40.63	\$8.10
1161	25-Jan-11	13	10	\$34.31	Yes	\$40.63	\$6.32
1162	25-Jan-11	13	11	\$33.59	Yes	\$40.63	\$7.04
1163	25-Jan-11	13	12	\$33.25	Yes	\$40.63	\$7.38
1164	25-Jan-11	14	1	\$33.23	Yes	\$40.63	\$7.40
1165	25-Jan-11	14	2	\$33.23	Yes	\$40.63	\$7.40
1166	25-Jan-11	14	3	\$33.23	Yes	\$40.63	\$7.40
1167	25-Jan-11	14	4	\$33.22	Yes	\$40.63	\$7.41

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	25-Jan-11	14	5	\$33.22	Yes	\$40.63	\$7.41
1169	25-Jan-11	14	6	\$33.22	Yes	\$40.63	\$7.41
1170	25-Jan-11	14	7	\$32.14	Yes	\$40.63	\$8.49
1171	25-Jan-11	14	8	\$31.53	Yes	\$40.63	\$9.10
1172	25-Jan-11	14	9	\$31.04	Yes	\$40.63	\$9.59
1173	25-Jan-11	14	10	\$31.61	Yes	\$40.63	\$9.02
1174	25-Jan-11	14	11	\$31.61	Yes	\$40.63	\$9.02
1175	25-Jan-11	14	12	\$32.23	Yes	\$40.63	\$8.40
1176	25-Jan-11	15	1	\$31.00	Yes	\$40.63	\$9.63
1177	25-Jan-11	15	2	\$30.87	Yes	\$40.63	\$9.76
1178	25-Jan-11	15	3	\$29.96	Yes	\$40.63	\$10.67
1179	25-Jan-11	15	4	\$28.95	Yes	\$40.63	\$11.68
1180	25-Jan-11	15	5	\$29.29	Yes	\$40.63	\$11.34
1181	25-Jan-11	15	6	\$29.29	Yes	\$40.63	\$11.34
1182	25-Jan-11	15	7	\$28.99	Yes	\$40.63	\$11.64
1183	25-Jan-11	15	8	\$28.82	Yes	\$40.63	\$11.81
1184	25-Jan-11	15	9	\$28.82	Yes	\$40.63	\$11.81
1185	25-Jan-11	15	10	\$28.89	Yes	\$40.63	\$11.74
1186	25-Jan-11	15	11	\$28.89	Yes	\$40.63	\$11.74
1187	25-Jan-11	15	12	\$28.94	Yes	\$40.63	\$11.69
1188	25-Jan-11	16	1	\$28.88	Yes	\$40.63	\$11.75
1189	25-Jan-11	16	2	\$28.88	Yes	\$40.63	\$11.75
1190	25-Jan-11	16	3	\$29.85	Yes	\$40.63	\$10.78
1191	25-Jan-11	16	4	\$28.60	Yes	\$40.63	\$12.03
1192	25-Jan-11	16	5	\$28.64	Yes	\$40.63	\$11.99
1193	25-Jan-11	16	6	\$28.57	Yes	\$40.63	\$12.06
1194	25-Jan-11	16	7	\$28.67	Yes	\$40.63	\$11.96
1195	25-Jan-11	16	8	\$28.86	Yes	\$40.63	\$11.77
1196	25-Jan-11	16	9	\$28.86	Yes	\$40.63	\$11.77
1197	25-Jan-11	16	10	\$29.17	Yes	\$40.63	\$11.46
1198	25-Jan-11	16	11	\$29.70	Yes	\$40.63	\$10.93
1199	25-Jan-11	16	12	\$33.80	Yes	\$40.63	\$6.83
1200	25-Jan-11	17	1	\$17.26	Yes	\$40.63	\$23.37
1201	25-Jan-11	17	2	\$14.19	Yes	\$40.63	\$26.44
1202	25-Jan-11	17	3	\$17.26	Yes	\$40.63	\$23.37
1203	25-Jan-11	17	4	\$17.21	Yes	\$40.63	\$23.42
1204	25-Jan-11	17	5	\$17.21	Yes	\$40.63	\$23.42
1205	25-Jan-11	17	6	\$25.65	Yes	\$40.63	\$14.98
1206	25-Jan-11	17	7	\$21.49	Yes	\$40.63	\$19.14
1207	25-Jan-11	17	8	\$28.75	Yes	\$40.63	\$11.88
1208	25-Jan-11	17	9	\$29.62	Yes	\$40.63	\$11.01
1209	25-Jan-11	17	10	\$29.14	Yes	\$40.63	\$11.49
1210	25-Jan-11	17	11	\$26.96	Yes	\$40.63	\$13.67
1211	25-Jan-11	17	12	\$23.92	Yes	\$40.63	\$16.71
1212	25-Jan-11	18	1	\$5.64	Yes	\$40.63	\$34.99

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	25-Jan-11	18	2	\$0.10	Yes	\$40.63	\$40.53
1214	25-Jan-11	18	3	\$0.11	Yes	\$40.63	\$40.52
1215	25-Jan-11	18	4	\$11.96	Yes	\$40.63	\$28.67
1216	25-Jan-11	18	5	\$11.96	Yes	\$40.63	\$28.67
1217	25-Jan-11	18	6	\$32.97	Yes	\$40.63	\$7.66
1218	25-Jan-11	18	7	\$24.35	Yes	\$40.63	\$16.28
1219	25-Jan-11	18	8	\$28.91	Yes	\$40.63	\$11.72
1220	25-Jan-11	18	9	\$60.03	Yes	\$40.63	-\$19.40
1221	25-Jan-11	18	10	\$59.48	Yes	\$40.63	-\$18.85
1222	25-Jan-11	18	11	\$59.37	Yes	\$40.63	-\$18.74
1223	25-Jan-11	18	12	\$59.50	Yes	\$40.63	-\$18.87
1224	25-Jan-11	19	1	\$40.32	Yes	\$40.63	\$0.31
1225	25-Jan-11	19	2	\$36.29	Yes	\$40.63	\$4.34
1226	25-Jan-11	19	3	\$36.29	Yes	\$40.63	\$4.34
1227	25-Jan-11	19	4	\$34.67	Yes	\$40.63	\$5.96
1228	25-Jan-11	19	5	\$32.21	Yes	\$40.63	\$8.42
1229	25-Jan-11	19	6	\$32.77	Yes	\$40.63	\$7.86
1230	25-Jan-11	19	7	\$33.10	Yes	\$40.63	\$7.53
1231	25-Jan-11	19	8	\$32.48	Yes	\$40.63	\$8.15
1232	25-Jan-11	19	9	\$30.17	Yes	\$40.63	\$10.46
1233	25-Jan-11	19	10	\$29.09	Yes	\$40.63	\$11.54
1234	25-Jan-11	19	11	\$29.09	Yes	\$40.63	\$11.54
1235	25-Jan-11	19	12	\$29.44	Yes	\$40.63	\$11.19
1236	25-Jan-11	20	1	\$32.96	Yes	\$40.63	\$7.67
1237	25-Jan-11	20	2	\$32.15	Yes	\$40.63	\$8.48
1238	25-Jan-11	20	3	\$31.62	Yes	\$40.63	\$9.01
1239	25-Jan-11	20	4	\$31.08	Yes	\$40.63	\$9.55
1240	25-Jan-11	20	5	\$30.02	Yes	\$40.63	\$10.61
1241	25-Jan-11	20	6	\$29.52	Yes	\$40.63	\$11.11
1242	25-Jan-11	20	7	\$28.89	Yes	\$40.63	\$11.74
1243	25-Jan-11	20	8	\$28.85	Yes	\$40.63	\$11.78
1244	25-Jan-11	20	9	\$28.04	Yes	\$40.63	\$12.59
1245	25-Jan-11	20	10	\$28.87	Yes	\$40.63	\$11.76
1246	25-Jan-11	20	11	\$28.36	Yes	\$40.63	\$12.27
1247	25-Jan-11	20	12	\$28.36	Yes	\$40.63	\$12.27
1248	26-Jan-11	12	2	\$68.77	Yes	\$40.23	-\$28.54
1249	26-Jan-11	12	3	\$68.77	Yes	\$40.23	-\$28.54
1250	26-Jan-11	12	4	\$42.04	Yes	\$40.23	-\$1.81
1251	26-Jan-11	12	5	\$35.89	Yes	\$40.23	\$4.34
1252	26-Jan-11	12	6	\$38.96	Yes	\$40.23	\$1.27
1253	26-Jan-11	12	7	\$36.27	Yes	\$40.23	\$3.96
1254	26-Jan-11	12	8	\$35.06	Yes	\$40.23	\$5.17
1255	26-Jan-11	12	9	\$37.20	Yes	\$40.23	\$3.03
1256	26-Jan-11	12	10	\$57.71	Yes	\$40.23	-\$17.48
1257	26-Jan-11	12	11	\$10.67	Yes	\$40.23	\$29.56

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1258	26-Jan-11	12	12	\$14.47	Yes	\$40.23	\$25.76
1259	26-Jan-11	13	1	\$26.49	Yes	\$40.23	\$13.74
1260	26-Jan-11	13	2	\$31.56	Yes	\$40.23	\$8.67
1261	26-Jan-11	13	3	\$28.76	Yes	\$40.23	\$11.47
1262	26-Jan-11	13	4	\$33.21	Yes	\$40.23	\$7.02
1263	26-Jan-11	13	5	\$31.19	Yes	\$40.23	\$9.04
1264	26-Jan-11	13	6	\$29.40	Yes	\$40.23	\$10.83
1265	26-Jan-11	13	7	\$27.18	Yes	\$40.23	\$13.05
1266	26-Jan-11	13	8	\$28.30	Yes	\$40.23	\$11.93
1267	26-Jan-11	13	9	\$28.30	Yes	\$40.23	\$11.93
1268	26-Jan-11	13	10	\$29.03	Yes	\$40.23	\$11.20
1269	26-Jan-11	13	11	\$30.03	Yes	\$40.23	\$10.20
1270	26-Jan-11	13	12	\$30.92	Yes	\$40.23	\$9.31
1271	26-Jan-11	14	1	\$33.22	Yes	\$40.23	\$7.01
1272	26-Jan-11	14	2	\$33.89	Yes	\$40.23	\$6.34
1273	26-Jan-11	14	3	\$33.29	Yes	\$40.23	\$6.94
1274	26-Jan-11	14	4	\$34.93	Yes	\$40.23	\$5.30
1275	26-Jan-11	14	5	\$33.91	Yes	\$40.23	\$6.32
1276	26-Jan-11	14	6	\$33.19	Yes	\$40.23	\$7.04
1277	26-Jan-11	14	7	\$33.30	Yes	\$40.23	\$6.93
1278	26-Jan-11	14	8	\$33.20	Yes	\$40.23	\$7.03
1279	26-Jan-11	14	9	\$33.20	Yes	\$40.23	\$7.03
1280	26-Jan-11	14	10	\$33.21	Yes	\$40.23	\$7.02
1281	26-Jan-11	14	11	\$32.05	Yes	\$40.23	\$8.18
1282	26-Jan-11	14	12	\$33.21	Yes	\$40.23	\$7.02
1283	26-Jan-11	15	1	\$28.16	Yes	\$40.23	\$12.07
1284	26-Jan-11	15	2	\$28.16	Yes	\$40.23	\$12.07
1285	26-Jan-11	15	3	\$28.69	Yes	\$40.23	\$11.54
1286	26-Jan-11	15	4	\$28.49	Yes	\$40.23	\$11.74
1287	26-Jan-11	15	5	\$28.43	Yes	\$40.23	\$11.80
1288	26-Jan-11	15	6	\$28.30	Yes	\$40.23	\$11.93
1289	26-Jan-11	15	7	\$28.56	Yes	\$40.23	\$11.67
1290	26-Jan-11	15	8	\$28.46	Yes	\$40.23	\$11.77
1291	26-Jan-11	15	9	\$28.46	Yes	\$40.23	\$11.77
1292	26-Jan-11	15	10	\$21.93	Yes	\$40.23	\$18.30
1293	26-Jan-11	15	11	\$27.42	Yes	\$40.23	\$12.81
1294	26-Jan-11	15	12	\$27.89	Yes	\$40.23	\$12.34
1295	26-Jan-11	16	1	\$27.40	Yes	\$40.23	\$12.83
1296	26-Jan-11	16	2	\$21.80	Yes	\$40.23	\$18.43
1297	26-Jan-11	16	3	\$27.19	Yes	\$40.23	\$13.04
1298	26-Jan-11	16	4	\$26.96	Yes	\$40.23	\$13.27
1299	26-Jan-11	16	5	\$27.33	Yes	\$40.23	\$12.90
1300	26-Jan-11	16	6	\$26.81	Yes	\$40.23	\$13.42
1301	26-Jan-11	16	7	\$27.79	Yes	\$40.23	\$12.44
1302	26-Jan-11	16	8	\$27.53	Yes	\$40.23	\$12.70

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1303	26-Jan-11	16	9	\$27.19	Yes	\$40.23	\$13.04
1304	26-Jan-11	16	10	\$27.63	Yes	\$40.23	\$12.60
1305	26-Jan-11	16	11	\$29.63	Yes	\$40.23	\$10.60
1306	26-Jan-11	16	12	\$36.31	Yes	\$40.23	\$3.92
1307	26-Jan-11	17	1	\$16.76	Yes	\$40.23	\$23.47
1308	26-Jan-11	17	2	\$10.82	Yes	\$40.23	\$29.41
1309	26-Jan-11	17	3	\$13.96	Yes	\$40.23	\$26.27
1310	26-Jan-11	17	4	\$27.90	Yes	\$40.23	\$12.33
1311	26-Jan-11	17	5	\$27.50	Yes	\$40.23	\$12.73
1312	26-Jan-11	17	6	\$26.97	Yes	\$40.23	\$13.26
1313	26-Jan-11	17	7	\$17.05	Yes	\$40.23	\$23.18
1314	26-Jan-11	17	8	\$20.98	Yes	\$40.23	\$19.25
1315	26-Jan-11	17	9	\$27.05	Yes	\$40.23	\$13.18
1316	26-Jan-11	17	10	\$29.54	Yes	\$40.23	\$10.69
1317	26-Jan-11	17	11	\$28.37	Yes	\$40.23	\$11.86
1318	26-Jan-11	17	12	\$19.06	Yes	\$40.23	\$21.17
1319	26-Jan-11	18	1	\$10.28	Yes	\$40.23	\$29.95
1320	26-Jan-11	18	2	\$0.05	Yes	\$40.23	\$40.18
1321	26-Jan-11	18	3	\$1.11	Yes	\$40.23	\$39.12
1322	26-Jan-11	18	4	\$10.88	Yes	\$40.23	\$29.35
1323	26-Jan-11	18	5	\$15.27	Yes	\$40.23	\$24.96
1324	26-Jan-11	18	6	\$27.20	Yes	\$40.23	\$13.03
1325	26-Jan-11	18	7	\$27.61	Yes	\$40.23	\$12.62
1326	26-Jan-11	18	8	\$31.74	Yes	\$40.23	\$8.49
1327	26-Jan-11	18	9	\$47.72	Yes	\$40.23	-\$7.49
1328	26-Jan-11	18	10	\$70.72	Yes	\$40.23	-\$30.49
1329	26-Jan-11	18	11	\$74.77	Yes	\$40.23	-\$34.54
1330	26-Jan-11	18	12	\$74.77	Yes	\$40.23	-\$34.54
1331	26-Jan-11	19	1	\$71.03	Yes	\$40.23	-\$30.80
1332	26-Jan-11	19	2	\$75.09	Yes	\$40.23	-\$34.86
1333	26-Jan-11	19	3	\$72.81	Yes	\$40.23	-\$32.58
1334	26-Jan-11	19	4	\$58.32	Yes	\$40.23	-\$18.09
1335	26-Jan-11	19	5	\$60.84	Yes	\$40.23	-\$20.61
1336	26-Jan-11	19	6	\$70.75	Yes	\$40.23	-\$30.52
1337	26-Jan-11	19	7	\$53.56	Yes	\$40.23	-\$13.33
1338	26-Jan-11	19	8	\$53.24	Yes	\$40.23	-\$13.01
1339	26-Jan-11	19	9	\$52.80	Yes	\$40.23	-\$12.57
1340	26-Jan-11	19	10	\$70.41	Yes	\$40.23	-\$30.18
1341	26-Jan-11	19	11	\$62.14	Yes	\$40.23	-\$21.91
1342	26-Jan-11	19	12	\$49.85	Yes	\$40.23	-\$9.62
1343	26-Jan-11	20	1	\$40.91	Yes	\$40.23	-\$0.68
1344	26-Jan-11	20	2	\$39.95	Yes	\$40.23	\$0.28
1345	26-Jan-11	20	3	\$29.20	Yes	\$40.23	\$11.03
1346	26-Jan-11	20	4	\$30.51	Yes	\$40.23	\$9.72
1347	26-Jan-11	20	5	\$10.79	Yes	\$40.23	\$29.44

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1348	26-Jan-11	20	6	\$15.44	Yes	\$40.23	\$24.79
1349	26-Jan-11	20	7	\$48.03	Yes	\$40.23	-\$7.80
1350	26-Jan-11	20	8	\$33.99	Yes	\$40.23	\$6.24
1351	26-Jan-11	20	9	\$16.62	Yes	\$40.23	\$23.61
1352	26-Jan-11	20	10	\$33.08	Yes	\$40.23	\$7.15
1353	26-Jan-11	20	11	\$33.08	Yes	\$40.23	\$7.15
1354	26-Jan-11	20	12	\$34.38	Yes	\$40.23	\$5.85
1355	26-Jan-11	21	1	\$40.69	Yes	\$40.23	-\$0.46
1356	26-Jan-11	21	2	\$44.63	Yes	\$40.23	-\$4.40
1357	26-Jan-11	21	3	\$44.63	Yes	\$40.23	-\$4.40
1358	26-Jan-11	21	4	\$45.10	Yes	\$40.23	-\$4.87
1359	26-Jan-11	21	5	\$44.56	Yes	\$40.23	-\$4.33
1360	26-Jan-11	21	6	\$43.40	Yes	\$40.23	-\$3.17
1361	26-Jan-11	21	7	\$33.04	Yes	\$40.23	\$7.19
1362	26-Jan-11	21	8	\$33.04	Yes	\$40.23	\$7.19
1363	26-Jan-11	21	9	\$32.45	Yes	\$40.23	\$7.78
1364	26-Jan-11	21	10	\$30.87	Yes	\$40.23	\$9.36
1365	26-Jan-11	21	11	\$30.87	Yes	\$40.23	\$9.36
1366	26-Jan-11	21	12	\$21.71	Yes	\$40.23	\$18.52
1367	26-Jan-11	22	1	\$50.92	Yes	\$40.23	-\$10.69
1368	26-Jan-11	22	2	\$45.60	Yes	\$40.23	-\$5.37
1369	26-Jan-11	22	3	\$44.53	Yes	\$40.23	-\$4.30
1370	26-Jan-11	22	4	\$34.31	Yes	\$40.23	\$5.92
1371	26-Jan-11	22	5	\$38.06	Yes	\$40.23	\$2.17
1372	26-Jan-11	22	6	\$34.31	Yes	\$40.23	\$5.92
1373	26-Jan-11	22	7	\$34.73	Yes	\$40.23	\$5.50
1374	26-Jan-11	22	8	\$31.68	Yes	\$40.23	\$8.55
1375	26-Jan-11	22	9	\$32.57	Yes	\$40.23	\$7.66
1376	26-Jan-11	22	10	\$32.58	Yes	\$40.23	\$7.65
1377	26-Jan-11	22	11	\$30.21	Yes	\$40.23	\$10.02
1378	26-Jan-11	22	12	\$16.41	Yes	\$40.23	\$23.82
1379	27-Jan-11	12	5	\$50.44	Yes	\$39.87	-\$10.57
1380	27-Jan-11	12	6	\$42.62	Yes	\$39.87	-\$2.75
1381	27-Jan-11	12	7	\$44.94	Yes	\$39.87	-\$5.07
1382	27-Jan-11	12	8	\$47.80	Yes	\$39.87	-\$7.93
1383	27-Jan-11	12	9	\$46.05	Yes	\$39.87	-\$6.18
1384	27-Jan-11	12	10	\$50.17	Yes	\$39.87	-\$10.30
1385	27-Jan-11	12	11	\$49.02	Yes	\$39.87	-\$9.15
1386	27-Jan-11	12	12	\$56.17	Yes	\$39.87	-\$16.30
1387	27-Jan-11	13	1	\$44.46	Yes	\$39.87	-\$4.59
1388	27-Jan-11	13	2	\$40.06	Yes	\$39.87	-\$0.19
1389	27-Jan-11	13	3	\$40.06	Yes	\$39.87	-\$0.19
1390	27-Jan-11	13	4	\$38.49	Yes	\$39.87	\$1.38
1391	27-Jan-11	13	5	\$38.49	Yes	\$39.87	\$1.38
1392	27-Jan-11	13	6	\$37.72	Yes	\$39.87	\$2.15

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1393	27-Jan-11	13	7	\$39.57	Yes	\$39.87	\$0.30
1394	27-Jan-11	13	8	\$39.57	Yes	\$39.87	\$0.30
1395	27-Jan-11	13	9	\$41.60	Yes	\$39.87	-\$1.73
1396	27-Jan-11	13	10	\$41.17	Yes	\$39.87	-\$1.30
1397	27-Jan-11	13	11	\$37.71	Yes	\$39.87	\$2.16
1398	27-Jan-11	13	12	\$34.94	Yes	\$39.87	\$4.93
1399	27-Jan-11	14	1	\$38.53	Yes	\$39.87	\$1.34
1400	27-Jan-11	14	2	\$36.81	Yes	\$39.87	\$3.06
1401	27-Jan-11	14	3	\$34.94	Yes	\$39.87	\$4.93
1402	27-Jan-11	14	4	\$37.17	Yes	\$39.87	\$2.70
1403	27-Jan-11	14	5	\$37.17	Yes	\$39.87	\$2.70
1404	27-Jan-11	14	6	\$37.10	Yes	\$39.87	\$2.77
1405	27-Jan-11	14	7	\$33.94	Yes	\$39.87	\$5.93
1406	27-Jan-11	14	8	\$32.93	Yes	\$39.87	\$6.94
1407	27-Jan-11	14	9	\$31.91	Yes	\$39.87	\$7.96
1408	27-Jan-11	14	10	\$31.91	Yes	\$39.87	\$7.96
1409	27-Jan-11	14	11	\$32.92	Yes	\$39.87	\$6.95
1410	27-Jan-11	14	12	\$31.85	Yes	\$39.87	\$8.02
1411	27-Jan-11	15	1	\$34.23	Yes	\$39.87	\$5.64
1412	27-Jan-11	15	2	\$33.82	Yes	\$39.87	\$6.05
1413	27-Jan-11	15	3	\$32.81	Yes	\$39.87	\$7.06
1414	27-Jan-11	15	4	\$31.82	Yes	\$39.87	\$8.05
1415	27-Jan-11	15	5	\$31.79	Yes	\$39.87	\$8.08
1416	27-Jan-11	15	6	\$31.79	Yes	\$39.87	\$8.08
1417	27-Jan-11	15	7	\$31.82	Yes	\$39.87	\$8.05
1418	27-Jan-11	15	8	\$31.82	Yes	\$39.87	\$8.05
1419	27-Jan-11	15	9	\$31.82	Yes	\$39.87	\$8.05
1420	27-Jan-11	15	10	\$31.80	Yes	\$39.87	\$8.07
1421	27-Jan-11	15	11	\$31.80	Yes	\$39.87	\$8.07
1422	27-Jan-11	15	12	\$31.80	Yes	\$39.87	\$8.07
1423	27-Jan-11	16	1	\$38.48	Yes	\$39.87	\$1.39
1424	27-Jan-11	16	2	\$37.72	Yes	\$39.87	\$2.15
1425	27-Jan-11	16	3	\$37.72	Yes	\$39.87	\$2.15
1426	27-Jan-11	16	4	\$35.85	Yes	\$39.87	\$4.02
1427	27-Jan-11	16	5	\$36.95	Yes	\$39.87	\$2.92
1428	27-Jan-11	16	6	\$36.95	Yes	\$39.87	\$2.92
1429	27-Jan-11	16	7	\$31.74	Yes	\$39.87	\$8.13
1430	27-Jan-11	16	8	\$31.91	Yes	\$39.87	\$7.96
1431	27-Jan-11	16	9	\$32.44	Yes	\$39.87	\$7.43
1432	27-Jan-11	16	10	\$32.05	Yes	\$39.87	\$7.82
1433	27-Jan-11	16	11	\$33.92	Yes	\$39.87	\$5.95
1434	27-Jan-11	16	12	\$41.96	Yes	\$39.87	-\$2.09
1435	27-Jan-11	17	1	\$28.02	Yes	\$39.87	\$11.85
1436	27-Jan-11	17	2	\$31.89	Yes	\$39.87	\$7.98
1437	27-Jan-11	17	3	\$34.88	Yes	\$39.87	\$4.99

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1438	27-Jan-11	17	4	\$32.24	Yes	\$39.87	\$7.63
1439	27-Jan-11	17	5	\$33.09	Yes	\$39.87	\$6.78
1440	27-Jan-11	17	6	\$33.09	Yes	\$39.87	\$6.78
1441	27-Jan-11	17	7	\$37.03	Yes	\$39.87	\$2.84
1442	27-Jan-11	17	8	\$37.03	Yes	\$39.87	\$2.84
1443	27-Jan-11	17	9	\$37.03	Yes	\$39.87	\$2.84
1444	27-Jan-11	17	10	\$46.25	Yes	\$39.87	-\$6.38
1445	27-Jan-11	17	11	\$34.29	Yes	\$39.87	\$5.58
1446	27-Jan-11	17	12	\$37.71	Yes	\$39.87	\$2.16
1447	27-Jan-11	18	1	\$114.80	Yes	\$39.87	-\$74.93
1448	27-Jan-11	18	2	\$34.82	Yes	\$39.87	\$5.05
1449	27-Jan-11	18	3	\$39.44	Yes	\$39.87	\$0.43
1450	27-Jan-11	18	4	\$49.67	Yes	\$39.87	-\$9.80
1451	27-Jan-11	18	5	\$43.51	Yes	\$39.87	-\$3.64
1452	27-Jan-11	18	6	\$56.72	Yes	\$39.87	-\$16.85
1453	27-Jan-11	18	7	\$31.76	Yes	\$39.87	\$8.11
1454	27-Jan-11	18	8	\$49.58	Yes	\$39.87	-\$9.71
1455	27-Jan-11	18	9	\$262.51	Yes	\$39.87	-\$222.64
1456	27-Jan-11	18	10	\$138.29	Yes	\$39.87	-\$98.42
1457	27-Jan-11	18	11	\$126.16	Yes	\$39.87	-\$86.29
1458	27-Jan-11	18	12	\$754.28	Yes	\$39.87	-\$714.41
1459	27-Jan-11	19	1	\$756.45	Yes	\$39.87	-\$716.58
1460	27-Jan-11	19	2	\$756.45	Yes	\$39.87	-\$716.58
1461	27-Jan-11	19	3	\$756.45	Yes	\$39.87	-\$716.58
1462	27-Jan-11	19	4	\$756.75	Yes	\$39.87	-\$716.88
1463	27-Jan-11	19	5	\$756.75	Yes	\$39.87	-\$716.88
1464	27-Jan-11	19	6	\$756.75	Yes	\$39.87	-\$716.88
1465	27-Jan-11	19	7	\$52.94	Yes	\$39.87	-\$13.07
1466	27-Jan-11	19	8	\$29.41	Yes	\$39.87	\$10.46
1467	27-Jan-11	19	9	\$31.69	Yes	\$39.87	\$8.18
1468	27-Jan-11	19	10	\$29.36	Yes	\$39.87	\$10.51
1469	27-Jan-11	19	11	\$30.98	Yes	\$39.87	\$8.89
1470	27-Jan-11	19	12	\$30.79	Yes	\$39.87	\$9.08
1471	27-Jan-11	20	1	\$31.65	Yes	\$39.87	\$8.22
1472	27-Jan-11	20	2	\$20.89	Yes	\$39.87	\$18.98
1473	27-Jan-11	20	3	\$29.57	Yes	\$39.87	\$10.30
1474	27-Jan-11	20	4	\$31.70	Yes	\$39.87	\$8.17
1475	27-Jan-11	20	5	\$31.70	Yes	\$39.87	\$8.17
1476	27-Jan-11	20	6	\$32.37	Yes	\$39.87	\$7.50
1477	27-Jan-11	20	7	\$34.77	Yes	\$39.87	\$5.10
1478	27-Jan-11	20	8	\$32.85	Yes	\$39.87	\$7.02
1479	27-Jan-11	20	9	\$31.71	Yes	\$39.87	\$8.16
1480	27-Jan-11	20	10	\$29.99	Yes	\$39.87	\$9.88
1481	27-Jan-11	20	11	\$29.52	Yes	\$39.87	\$10.35
1482	27-Jan-11	20	12	\$29.52	Yes	\$39.87	\$10.35

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1483	27-Jan-11	21	1	\$40.63	Yes	\$39.87	-\$0.76
1484	27-Jan-11	21	2	\$37.74	Yes	\$39.87	\$2.13
1485	27-Jan-11	21	3	\$35.11	Yes	\$39.87	\$4.76
1486	27-Jan-11	21	4	\$27.41	Yes	\$39.87	\$12.46
1487	27-Jan-11	21	5	\$31.76	Yes	\$39.87	\$8.11
1488	27-Jan-11	21	6	\$31.15	Yes	\$39.87	\$8.72
1489	27-Jan-11	21	7	\$31.72	Yes	\$39.87	\$8.15
1490	27-Jan-11	21	8	\$33.80	Yes	\$39.87	\$6.07
1491	27-Jan-11	21	9	\$32.01	Yes	\$39.87	\$7.86
1492	27-Jan-11	21	10	\$27.69	Yes	\$39.87	\$12.18
1493	27-Jan-11	21	11	\$27.19	Yes	\$39.87	\$12.68
1494	27-Jan-11	21	12	\$19.21	Yes	\$39.87	\$20.66
1495	27-Jan-11	22	1	\$55.50	Yes	\$39.87	-\$15.63
1496	27-Jan-11	22	2	\$55.50	Yes	\$39.87	-\$15.63
1497	27-Jan-11	22	3	\$39.57	Yes	\$39.87	\$0.30
1498	27-Jan-11	22	4	\$48.37	Yes	\$39.87	-\$8.50
1499	27-Jan-11	22	5	\$34.80	Yes	\$39.87	\$5.08
1500	27-Jan-11	22	6	\$33.08	Yes	\$39.87	\$6.79
1501	27-Jan-11	22	7	\$34.75	Yes	\$39.87	\$5.12
1502	27-Jan-11	22	8	\$33.73	Yes	\$39.87	\$6.14
1503	27-Jan-11	22	9	\$32.30	Yes	\$39.87	\$7.57
1504	27-Jan-11	22	10	\$29.92	Yes	\$39.87	\$9.95
1505	27-Jan-11	22	11	\$26.93	Yes	\$39.87	\$12.94
1506	27-Jan-11	22	12	\$16.63	Yes	\$39.87	\$23.24
1507	31-Jan-11	16	3	\$31.88	Yes	\$39.87	\$7.99
1508	31-Jan-11	16	4	\$26.96	Yes	\$39.87	\$12.91
1509	31-Jan-11	16	5	\$30.17	Yes	\$39.87	\$9.70
1510	31-Jan-11	16	6	\$30.17	Yes	\$39.87	\$9.70
1511	31-Jan-11	16	7	\$31.01	Yes	\$39.87	\$8.86
1512	31-Jan-11	16	8	\$31.39	Yes	\$39.87	\$8.48
1513	31-Jan-11	16	9	\$31.39	Yes	\$39.87	\$8.48
1514	31-Jan-11	16	10	\$30.16	Yes	\$39.87	\$9.71
1515	31-Jan-11	16	11	\$32.21	Yes	\$39.87	\$7.66
1516	31-Jan-11	16	12	\$34.52	Yes	\$39.87	\$5.35
1517	31-Jan-11	17	1	\$16.24	Yes	\$39.87	\$23.63
1518	31-Jan-11	17	2	\$22.35	Yes	\$39.87	\$17.52
1519	31-Jan-11	17	3	\$28.05	Yes	\$39.87	\$11.82
1520	31-Jan-11	17	4	\$28.15	Yes	\$39.87	\$11.72
1521	31-Jan-11	17	5	\$29.01	Yes	\$39.87	\$10.86
1522	31-Jan-11	17	6	\$33.32	Yes	\$39.87	\$6.55
1523	31-Jan-11	17	7	\$33.32	Yes	\$39.87	\$6.55
1524	31-Jan-11	17	8	\$33.39	Yes	\$39.87	\$6.48
1525	31-Jan-11	17	9	\$34.18	Yes	\$39.87	\$5.69
1526	31-Jan-11	17	10	\$34.52	Yes	\$39.87	\$5.35
1527	31-Jan-11	17	11	\$34.19	Yes	\$39.87	\$5.68

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1528	31-Jan-11	17	12	\$34.56	Yes	\$39.87	\$5.31
1529	31-Jan-11	18	1	\$21.48	Yes	\$39.87	\$18.39
1530	31-Jan-11	18	2	\$24.03	Yes	\$39.87	\$15.84
1531	31-Jan-11	18	3	\$27.48	Yes	\$39.87	\$12.39
1532	31-Jan-11	18	4	\$22.13	Yes	\$39.87	\$17.74
1533	31-Jan-11	18	5	\$31.48	Yes	\$39.87	\$8.39
1534	31-Jan-11	18	6	\$34.98	Yes	\$39.87	\$4.89
1535	31-Jan-11	18	7	\$41.37	Yes	\$39.87	-\$1.50
1536	31-Jan-11	18	8	\$35.25	Yes	\$39.87	\$4.62
1537	31-Jan-11	18	9	\$47.57	Yes	\$39.87	-\$7.70
1538	31-Jan-11	18	10	\$49.17	Yes	\$39.87	-\$9.30
1539	31-Jan-11	18	11	\$49.82	Yes	\$39.87	-\$9.95
1540	31-Jan-11	18	12	\$115.42	Yes	\$39.87	-\$75.55
1541	31-Jan-11	19	1	\$49.07	Yes	\$39.87	-\$9.20
1542	31-Jan-11	19	2	\$54.21	Yes	\$39.87	-\$14.34
1543	31-Jan-11	19	3	\$70.66	Yes	\$39.87	-\$30.79
1544	31-Jan-11	19	4	\$63.49	Yes	\$39.87	-\$23.62
1545	31-Jan-11	19	5	\$58.20	Yes	\$39.87	-\$18.33
1546	31-Jan-11	19	6	\$61.20	Yes	\$39.87	-\$21.33
1547	31-Jan-11	19	7	\$49.38	Yes	\$39.87	-\$9.51
1548	31-Jan-11	19	8	\$49.38	Yes	\$39.87	-\$9.51
1549	31-Jan-11	19	9	\$48.84	Yes	\$39.87	-\$8.97
1550	31-Jan-11	19	10	\$55.95	Yes	\$39.87	-\$16.08
1551	31-Jan-11	19	11	\$48.53	Yes	\$39.87	-\$8.66
1552	31-Jan-11	19	12	\$39.23	Yes	\$39.87	\$0.64

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In January 2011, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS⁸ and Delta Dispatch. There was no such exceptional dispatch subject to the bid mitigation.

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

CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 29th day of April, 2011.

Anna Pascuzzo

Anna Pascuzzo