



California Independent
System Operator Corporation

October 29, 2010

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

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

Dear Secretary Bose:

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

The attached report provides Chart 2 data for the month of July 2010. The attached Chart 2 report also includes the price impact analysis for the month July 2010 required by Paragraph 44 of the September 2 order as well as the degree of mitigation analysis required by ISO tariff section 34.9.4 for the month of July 2010.

Respectfully submitted,

/s/ Sidney M. Davies

Nancy Saracino

General Counsel

Sidney M. Davies

Assistant General Counsel

California Independent System

Operator Corporation

151 Blue Ravine Road

Folsom, CA 95630

Tel: (916) 608-7144

Fax (916) 608-7296

sdavies@casio.com



Exceptional Dispatch Report

Table 2: July 2010

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Introduction

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

In addition, this report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of July is presented in Appendix B. This report also includes the degree of mitigation analysis for July 2010 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation (i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for July 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 July 2010, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-219, SCE area generation requirements. Exceptional dispatch instructions were also issued for 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; (5) T-161, WECC Open Loop Operation; (6) T-165, transmission facilities in Palermo Rio-Oso area; (7) T-168, Path 26 Midway-Vincent RAS; (8) T-169, Julian Hinds-Mirage 230 kV Line Overload Mitigation & Eagle Mountain Bank Emergency Mitigation; (9) T-170, Mirage-Tamarisk and Mirage-Concho 115 kV lines; and (10) other transmission outages in PG&E, SCE and SDG&E area.

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

The following additional reasons for exceptional dispatch instructions in July 2010 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of (1) 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

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>

potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in July, which are self explanatory.

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 the Table 1 of the first report for July. 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

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.

instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.

- The ED Volume MWh (MWh INC/DEC) 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.

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 July 2010

**California Independent System Operator Corporation
Exceptional Dispatch Report
October 29, 2010**

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

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	DA	Software Limitation	PG&E	N/A	12-Jul-10	52	Yes	N/A	20	4:00	23:00	1040.00	\$42,719	\$79,134	\$0	\$0	\$0	\$0	\$0	\$0	\$87,742
2	RT	Dispatchability	SCE	Big Creek-Ventura	30-Jul-10	100	Yes	INC	8	16:53	23:59	777.97	\$21,651	\$8,929	(\$61,310)	\$407	(\$17,995)	\$0	(\$12,998)	\$0	\$0
3	RT	Dispatchability	SDG&E	San Diego	16-Jul-10	170-341	Yes	DEC	10	9:50	18:59	(848.88)	\$0	\$0	\$47,395	\$0	\$0	\$0	\$0	\$0	\$0
4	RT	Dispatchability	SDG&E	San Diego	16-Jul-10	2-91	Yes	INC	11	8:35	18:59	0.33	\$0	\$0	\$179	\$31	(\$1,023)	\$0	(\$274)	\$0	\$0
5	RT	Fire	PG&E	Bay Area	29-Jul-10	225	No	DEC	1	19:27	19:39	35.89	\$0	\$0	(\$1,441)	\$0	\$0	\$0	\$0	\$0	\$0
6	RT	Fire	PG&E	Fresno	29-Jul-10	88-158	No	DEC	1	19:09	19:34	6.53	\$0	\$0	(\$3,614)	(\$24)	(\$1,211)	\$1,062	(\$309)	\$0	\$0
7	RT	Fire	PG&E	Fresno	29-Jul-10	467-717	Yes	INC	2	18:50	19:34	271.85	\$0	\$0	(\$18,206)	119.01	(\$7,297)	\$0	(\$2,594)	\$0	\$0
8	RT	Fire	PG&E	N/A	29-Jul-10	80	Yes	DEC	1	19:15	19:39	(25.10)	\$0	\$0	\$541	(26.68)	\$0	\$622	\$0	\$0	\$0
9	RT	Fire	SCE	Big Creek-Ventura	29-Jul-10	26	Yes	DEC	1	18:40	18:59	21.15	\$0	\$0	\$4,875	(2.60)	\$0	\$1,027	\$0	(\$1,027)	\$0
10	RT	Fire	SCE	Big Creek-Ventura	29-Jul-10	184	Yes	INC	2	18:49	19:39	141.09	\$0	\$0	(\$112,202)	3.02	(\$1,657)	\$0	\$0	\$0	\$0
11	RT	Fire	SCE	Big Creek-Ventura	30-Jul-10	76-460	No	DEC	20	4:42	23:59	(2783.98)	\$0	\$0	\$2,517	(2,738.19)	\$0	\$1,709	\$0	\$0	\$0
12	RT	Fire	SCE	Big Creek-Ventura	30-Jul-10	54	No	INC	8	4:42	11:34	66.62	\$0	\$0	(\$2,004)	0.00	\$0	\$0	\$0	\$0	\$0
13	RT	Fire	SCE	Big Creek-Ventura	31-Jul-10	140	No	INC	16	0:00	15:29	220.84	\$0	\$0	(\$9,716)	0.00	\$0	\$0	\$0	\$0	\$0
14	RT	Fire	SCE	LA Basin	29-Jul-10	322	Yes	INC	2	18:49	19:39	213.96	\$6,279	\$309	(\$152,904)	0.82	(\$330)	\$0	\$0	\$0	\$0
15	RT	Fire	SDG&E	San Diego	29-Jul-10	89	Yes	INC	2	18:49	19:39	81.96	\$1,192	\$64	(\$12,885)	8.75	(\$1,087)	\$0	(\$681)	\$0	\$0
16	RT	G-219	SCE	LA Basin	5-Jul-10	20	Yes	INC	16	8:00	23:59	469.45	\$37,376	\$31,128	(\$25,646)	0.00	\$0	\$0	\$0	\$0	\$0
17	RT	G-219	SCE	LA Basin	24-Jul-10	20	Yes	INC	24	0:00	23:59	3552.01	\$69,192	\$0	(\$172,587)	0.00	\$0	\$0	\$0	\$0	\$0
18	RT	Generation Outage	PG&E	Fresno	14-Jul-10	83-531	Yes	INC	2	14:42	15:59	249.52	\$8,715	\$178	(\$79,844)	69.96	(\$3,346)	\$0	(\$432)	\$0	\$0
19	RT	Generation Outage	PG&E	N/A	14-Jul-10	357	Yes	DEC	1	15:00	15:14	(0.35)	\$0	\$0	\$17	0.00	\$0	\$0	\$0	\$0	\$0
20	RT	Intertie Emergency Assistance	N/A	N/A	19-Jul-10	30-70	No	INC	2	11:35	12:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
21	RT	Intertie Emergency Assistance	N/A	N/A	23-Jul-10	70-100	No	INC	2	16:00	17:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
22	RT	Intertie Emergency Assistance	N/A	N/A	24-Jul-10	140-	No	INC	2	2:47	3:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0

Department of Market Services – California ISO

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW 160	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
23	RT	Intertie Emergency Assistance	N/A	N/A	29-Jul-10	120	No	INC	1	9:20	9:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
24	RT	Market Disruption	N/A	N/A	5-Jul-10	992	Yes	DEC	1	2:00	2:59	(50.00)	\$0	\$0	\$1,366	(50.00)	\$0	\$1,366	\$0	\$0	\$0
25	RT	Market Disruption	N/A	N/A	5-Jul-10	204	Yes	INC	1	2:00	2:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
26	RT	Market Disruption	N/A	N/A	6-Jul-10	107	No	DEC	1	3:00	3:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
27	RT	Market Disruption	N/A	N/A	6-Jul-10	218	Yes	INC	1	3:00	3:59	(50.00)	\$0	\$0	(\$189)	(60.00)	\$0	\$105	\$0	\$0	\$0
28	RT	Market Disruption	N/A	N/A	19-Jul-10	200	Yes	INC	1	12:00	12:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
29	RT	Market Disruption	N/A	N/A	20-Jul-10	147	No	DEC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
30	RT	Market Disruption	N/A	N/A	20-Jul-10	450	Yes	INC	1	23:00	23:59	(300.00)	\$0	\$0	\$3,000	(300.00)	\$0	\$3,000	\$0	\$0	\$0
31	RT	Market Disruption	N/A	N/A	27-Jul-10	780	Yes	DEC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
32	RT	Market Disruption	N/A	N/A	27-Jul-10	200	Yes	INC	1	23:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
33	RT	Market Disruption	N/A	N/A	29-Jul-10	10- 250	No	DEC	3	20:00	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
34	RT	Market Disruption	N/A	N/A	29-Jul-10	400- 750	Yes	INC	2	20:00	21:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
35	RT	Market Disruption	N/A	N/A	30-Jul-10	106	No	DEC	1	6:00	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
36	RT	Market Disruption	N/A	N/A	30-Jul-10	625	Yes	INC	1	6:00	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
37	RT	Over Generation	PG&E	Fresno	20-Jul-10	0	No	INC	2	1:55	2:14	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
38	RT	Path 66 Overload	N/A	N/A	15-Jul-10	75	No	DEC	1	15:00	15:59	(72.72)	\$0	\$0	\$2,155	(72.72)	\$0	\$2,155	\$0	\$0	\$0
39	RT	Path 66 Overload	N/A	N/A	15-Jul-10	0	No	INC	4	16:00	19:59	(0.76)	\$0	\$0	\$22	0.00	\$0	\$0	\$0	\$0	\$0
40	RT	Pump Management	PG&E	Fresno	18-Jul-10	308	Yes	INC	2	3:40	4:49	256.67	\$0	\$0	\$5,350	0.00	\$0	\$0	\$0	\$0	\$0
41	RT	Ramp Rate	PG&E	N/A	17-Jul-10	231- 494	No	DEC	12	8:50	19:59	(1759.07)	\$0	\$0	\$74,895	0.00	\$0	\$0	\$0	\$0	\$0
42	RT	Ramp Rate	PG&E	N/A	17-Jul-10	54	No	INC	12	8:50	19:59	108.07	\$0	\$0	(\$4,650)	107.46	(\$4,617)	\$0	\$0	\$0	\$0
43	RT	Ramp Rate	SCE	Big Creek- Ventura	16-Jul-10	243- 371	No	DEC	11	11:35	21:59	(487.86)	\$0	\$0	\$22,395	0.00	\$0	\$0	\$0	\$0	\$0
44	RT	Ramp Rate	SCE	Big Creek- Ventura	16-Jul-10	270	No	INC	12	10:25	21:59	869.48	\$0	\$0	(\$42,482)	875.31	(\$58,012)	\$0	\$0	\$0	\$0
45	RT	Ramp Rate	SCE	Big Creek- Ventura	17-Jul-10	100- 200	Yes	INC	19	3:00	21:59	5657.17	\$297,040	\$0	(\$892,012)	983.20	(\$69,022)	\$0	\$0	\$0	\$0
46	RT	Ramp Rate	SCE	Big Creek- Ventura	18-Jul-10	29- 146	Yes	DEC	9	11:05	19:09	(231.52)	\$0	\$0	\$9,255	0.00	\$0	\$0	\$0	\$0	\$0
47	RT	Ramp Rate	SCE	Big Creek- Ventura	18-Jul-10	250	Yes	INC	7	15:55	21:59	1529.01	\$59,762	\$0	(\$98,535)	1216.51	(\$85,381)	\$0	\$0	\$0	\$0
48	RT	Ramp Rate	SCE	Big Creek- Ventura	19-Jul-10	250- 400	Yes	INC	8	12:20	19:59	2868.24	\$75,913	\$0	(\$157,935)	2402.62	(\$136,956)	\$0	\$0	\$0	\$0
49	RT	Ramp Rate	SCE	Big Creek- Ventura	20-Jul-10	250- 400	Yes	INC	12	10:10	21:59	4254.57	\$116,293	\$0	(\$230,357)	3575.62	(\$204,547)	\$0	\$0	\$0	\$0
50	RT	Ramp Rate	SCE	LA Basin	1-Jul-10	120- 130	No	DEC	11	11:00	21:59	(365.42)	\$0	\$0	\$12,556	0.00	\$0	\$0	\$0	\$0	\$0
51	RT	Ramp Rate	SCE	LA Basin	1-Jul-10	66- 179	Yes	INC	11	11:00	21:59	957.93	\$17,499	\$17,414	(\$37,514)	803.24	(\$32,560)	\$0	\$0	\$0	\$0
52	RT	Ramp Rate	SCE	LA Basin	16-Jul-10	32-	No	DEC	14	8:40	21:59	(2616.68)	\$0	\$0	\$103,110	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
						962															
53	RT	Ramp Rate	SCE	LA Basin	16-Jul-10	263	No	INC	14	8:40	21:59	857.77	\$0	\$0	(\$47,294)	246.75	(\$10,445)	\$0	\$0	\$0	\$0
54	RT	Ramp Rate	SCE	LA Basin	17-Jul-10	77-420	Yes	DEC	9	11:05	19:59	(42.35)	\$0	\$0	\$668	0.00	\$0	\$0	\$0	\$0	\$0
55	RT	Ramp Rate	SCE	LA Basin	17-Jul-10	150	Yes	INC	9	11:05	19:59	120.38	\$0	\$0	(\$5,445)	17.92	(\$798)	\$0	(\$9)	\$0	\$0
56	RT	Ramp Rate	SCE	LA Basin	18-Jul-10	179-249	Yes	DEC	6	13:15	18:59	(390.63)	\$0	\$0	\$16,531	0.00	\$0	\$0	\$0	\$0	\$0
57	RT	Ramp Rate	SCE	LA Basin	18-Jul-10	70	Yes	INC	10	10:55	19:59	1147.46	\$21,890	\$0	(\$51,165)	134.77	(\$5,557)	\$0	\$0	\$0	\$0
58	RT	Ramp Rate	SCE	LA Basin	19-Jul-10	43-179	Yes	DEC	7	13:00	19:59	164.58	\$0	\$0	(\$5,860)	340.93	(\$13,714)	\$0	(\$1,996)	\$0	\$0
59	RT	Ramp Rate	SCE	LA Basin	20-Jul-10	78-369	Yes	DEC	9	13:00	21:59	(1655.92)	\$0	\$0	\$65,847	0.00	\$0	\$0	\$0	\$0	\$0
60	RT	Ramp Rate	SCE	LA Basin	20-Jul-10	71-142	Yes	INC	11	11:30	21:59	1016.99	\$38,934	\$0	(\$40,063)	681.86	(\$27,546)	\$0	(\$2,113)	\$0	\$0
61	RT	Ramp Rate	SCE	LA Basin	21-Jul-10	19-330	No	DEC	13	9:55	21:59	(3080.03)	\$0	\$0	\$105,762	0.00	\$0	\$0	\$0	\$0	\$0
62	RT	Ramp Rate	SCE	LA Basin	21-Jul-10	142-250	Yes	INC	13	9:50	21:59	1701.55	\$77,173	\$0	(\$67,777)	1099.58	(\$47,713)	\$0	\$0	\$0	\$0
63	RT	Ramp Rate	SCE	LA Basin	23-Jul-10	142	Yes	INC	13	6:10	18:59	3651.38	\$81,402	\$0	(\$179,987)	624.24	(\$28,166)	\$0	\$0	\$0	\$0
64	RT	Ramp Rate	SCE	LA Basin	29-Jul-10	45	No	INC	2	22:55	23:59	53.02	\$0	\$0	(\$286)	48.75	(\$266)	\$0	(\$1,849)	\$0	\$0
65	RT	Ramp Rate	SCE	LA Basin	30-Jul-10	45	No	INC	2	0:00	1:49	82.38	\$0	\$0	(\$2,414)	82.38	(\$2,414)	\$0	(\$1,187)	\$0	\$0
66	RT	Ramp Rate	SCE	N/A	16-Jul-10	40-100	Yes	INC	14	8:00	21:59	2514.94	\$139,235	\$53,283	(\$155,865)	1159.77	(\$67,843)	\$0	\$0	\$0	\$0
67	RT	Ramp Rate	SDG&E	San Diego	17-Jul-10	20-328	No	DEC	20	0:00	19:59	(1573.26)	\$0	\$0	\$46,290	(677.97)	\$0	\$31,269	\$0	\$0	\$0
68	RT	Ramp Rate	SDG&E	San Diego	17-Jul-10	32-187	No	INC	11	11:05	21:59	159.36	\$0	\$0	(\$34,295)	31.70	(\$1,423)	\$0	(\$89)	\$0	\$0
69	RT	Ramp Rate	SDG&E	San Diego	18-Jul-10	10-196	Yes	DEC	11	11:05	21:59	(1069.33)	\$0	\$0	\$45,829	0.00	\$0	\$0	\$0	\$0	\$0
70	RT	Ramp Rate	SDG&E	San Diego	18-Jul-10	140-150	Yes	INC	11	11:05	21:59	227.52	\$3,669	\$0	(\$8,950)	119.16	(\$5,383)	\$0	\$0	\$0	\$0
71	RT	Ramp Rate	SDG&E	San Diego	20-Jul-10	172-331	Yes	DEC	9	12:45	20:59	(2351.25)	\$0	\$0	\$94,197	0.00	\$0	\$0	\$0	\$0	\$0
72	RT	Ramp Rate	SDG&E	San Diego	20-Jul-10	63	Yes	INC	8	12:45	19:14	16.28	\$570	\$0	(\$655)	8.77	(\$411)	\$0	\$0	\$0	\$0
73	RT	Ramp Rate	SDG&E	San Diego	21-Jul-10	68	Yes	INC	12	10:05	21:59	742.47	\$21,504	\$0	(\$29,921)	502.37	(\$21,913)	\$0	\$0	\$0	\$0
74	RT	SP26 Capacity	SCE	Big Creek-Ventura	17-Jul-10	50	Yes	INC	2	22:00	23:59	409.48	\$19,382	\$0	(\$26,953)	0.00	\$0	\$0	\$0	\$0	\$0
75	RT	SP26 Capacity	SCE	Big Creek-Ventura	18-Jul-10	50	Yes	INC	24	0:00	23:59	2821.47	\$232,586	\$0	(\$148,001)	1216.51	(\$85,381)	\$0	\$0	\$0	\$0
76	RT	SP26 Capacity	SCE	Big Creek-Ventura	20-Jul-10	50	Yes	INC	24	0:00	23:59	5055.76	\$232,586	\$0	(\$259,661)	3575.62	(\$204,547)	\$0	\$0	\$0	\$0
77	RT	SP26 Capacity	SCE	LA Basin	1-Jul-10	20	Yes	INC	24	0:00	23:59	482.97	\$73,890	\$0	(\$11,028)	0.00	\$0	\$0	\$0	\$0	\$0
78	RT	SP26 Capacity	SCE	LA Basin	13-Jul-10	40	Yes	INC	24	0:00	23:59	3578.90	\$113,376	\$0	(\$303,92)	0.00	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
															1)						
79	RT	SP26 Capacity	SCE	LA Basin	14-Jul-10	10	Yes	INC	24	0:00	23:59	1732.49	\$52,008	\$0	(\$141,314)	0.00	\$0	\$0	\$0	\$0	\$0
80	RT	SP26 Capacity	SCE	LA Basin	15-Jul-10	10-110	Yes	INC	19	5:00	23:59	5740.14	\$81,334	\$148,693	(\$1,847,629)	0.00	\$0	\$0	\$0	\$0	\$0
81	RT	SP26 Capacity	SCE	LA Basin	20-Jul-10	25-50	Yes	INC	24	0:00	23:59	1435.82	\$87,132	\$0	(\$51,349)	681.86	(\$27,546)	\$0	(\$2,113)	\$0	\$0
82	RT	SP26 Capacity	SCE	LA Basin	21-Jul-10	50	Yes	INC	24	0:00	23:59	2333.81	\$152,232	\$0	(\$85,898)	1084.35	(\$47,090)	\$0	\$0	\$0	\$0
83	RT	SP26 Capacity	SCE	LA Basin	22-Jul-10	50	Yes	INC	24	0:00	23:59	1254.09	\$152,232	\$0	(\$41,398)	0.00	\$0	\$0	\$0	\$0	\$0
84	RT	SP26 Capacity	SCE	LA Basin	23-Jul-10	20-70	Yes	INC	24	0:00	23:59	7976.24	\$189,709	\$0	(\$397,153)	624.24	(\$28,166)	\$0	\$0	\$0	\$0
85	RT	SP26 Capacity	SCE	LA Basin	31-Jul-10	20	Yes	INC	2	22:00	23:59	35.54	\$4,386	\$0	(\$836)	0.00	\$0	\$0	\$0	\$0	\$0
86	RT	SP26 Capacity	SDG&E	San Diego	21-Jul-10	20	Yes	INC	23	1:00	23:59	971.64	\$41,215	\$0	(\$36,661)	502.37	(\$21,913)	\$0	\$0	\$0	\$0
87	RT	SP26 Capacity	SDG&E	San Diego	22-Jul-10	20	Yes	INC	24	0:00	23:59	522.87	\$43,377	\$0	(\$17,386)	0.00	\$0	\$0	\$0	\$0	\$0
88	RT	SP26 Mitigation	SDG&E	San Diego	15-Jul-10	14-221	Yes	INC	6	14:00	19:22	1071.47	\$45,819	\$2,714	(\$418,793)	359.83	(\$45,899)	\$0	(\$52,727)	\$0	\$0
89	RT	Software Limitation	N/A	N/A	22-Jul-10	58	No	DEC	1	9:00	9:59	(49.19)	\$0	\$0	\$1,114	(32.03)	\$0	\$742	\$0	\$0	\$0
90	RT	Software Limitation	N/A	N/A	30-Jul-10	0	Yes	INC	1	0:20	0:54	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
91	RT	Software Limitation	PG&E	Fresno	1-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
92	RT	Software Limitation	PG&E	Fresno	2-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
93	RT	Software Limitation	PG&E	Fresno	3-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
94	RT	Software Limitation	PG&E	Fresno	4-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
95	RT	Software Limitation	PG&E	Fresno	5-Jul-10	0	Yes	INC	23	1:40	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
96	RT	Software Limitation	PG&E	Fresno	6-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
97	RT	Software Limitation	PG&E	Fresno	7-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
98	RT	Software Limitation	PG&E	Fresno	8-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
99	RT	Software Limitation	PG&E	Fresno	9-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
100	RT	Software Limitation	PG&E	Fresno	10-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
101	RT	Software Limitation	PG&E	Fresno	11-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
102	RT	Software Limitation	PG&E	Fresno	12-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
103	RT	Software Limitation	PG&E	Fresno	13-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
104	RT	Software Limitation	PG&E	Fresno	14-Jul-10	95	Yes	DEC	15	0:00	14:24	(9.13)	\$0	\$0	\$44	(8.11)	\$0	\$0	\$0	\$0	\$0
105	RT	Software Limitation	PG&E	Fresno	14-Jul-10	22	Yes	INC	16	0:00	15:59	74.07	\$647	\$243	(\$7,736)	0.00	\$0	\$0	\$0	\$0	\$0
106	RT	Software Limitation	PG&E	Fresno	15-Jul-10	95	Yes	DEC	14	0:00	13:14	(18.96)	\$0	\$0	\$54	(17.93)	\$0	\$0	\$0	\$0	\$0
107	RT	Software Limitation	PG&E	Fresno	15-Jul-10	0	Yes	INC	14	0:00	13:14	(3.95)	\$0	\$0	\$289	0.00	\$0	\$0	\$0	\$0	\$0
108	RT	Software Limitation	PG&E	Fresno	16-Jul-10	94-95	No	DEC	24	0:00	23:59	(711.09)	\$0	\$0	\$2	(711.06)	\$0	\$1	\$0	\$0	\$0
109	RT	Software Limitation	PG&E	Fresno	16-Jul-10	0	No	INC	24	0:00	23:59	(7.89)	\$0	\$0	\$354	0.00	\$0	\$0	\$0	\$0	\$0
110	RT	Software Limitation	PG&E	Fresno	17-Jul-10	0	Yes	INC	24	0:00	23:59	(3.94)	\$0	\$0	\$198	0.00	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
111	RT	Software Limitation	PG&E	Fresno	18-Jul-10	0	Yes	INC	24	0:00	23:59	1.77	\$0	\$0	(\$72)	0.00	\$0	\$0	\$0	\$0	\$0
112	RT	Software Limitation	PG&E	Fresno	19-Jul-10	0	Yes	INC	13	0:00	12:59	(3.93)	\$0	\$0	\$184	0.00	\$0	\$0	\$0	\$0	\$0
113	RT	Software Limitation	PG&E	Fresno	20-Jul-10	0	Yes	INC	10	1:05	10:59	78.00	\$1,150	\$0	(\$2,705)	0.00	\$0	\$0	\$0	\$0	\$0
114	RT	Software Limitation	PG&E	Fresno	21-Jul-10	0	No	INC	24	0:00	23:59	15.70	\$0	\$0	(\$484)	0.00	\$0	\$0	\$0	\$0	\$0
115	RT	Software Limitation	PG&E	Fresno	22-Jul-10	0	Yes	INC	24	0:00	23:59	14.95	\$0	\$0	(\$706)	0.00	\$0	\$0	\$0	\$0	\$0
116	RT	Software Limitation	PG&E	Fresno	23-Jul-10	0	No	INC	24	0:00	23:59	(7.88)	\$0	\$0	\$1,902	0.00	\$0	\$0	\$0	\$0	\$0
117	RT	Software Limitation	PG&E	Fresno	24-Jul-10	0	No	INC	24	0:00	23:59	10.12	\$0	\$0	(\$466)	0.00	\$0	\$0	\$0	\$0	\$0
118	RT	Software Limitation	PG&E	Fresno	25-Jul-10	0	No	INC	24	0:00	23:59	11.00	\$0	\$0	(\$379)	0.00	\$0	\$0	\$0	\$0	\$0
119	RT	Software Limitation	PG&E	Fresno	26-Jul-10	0	No	INC	24	0:00	23:59	10.95	\$0	\$0	(\$373)	0.00	\$0	\$0	\$0	\$0	\$0
120	RT	Software Limitation	PG&E	Fresno	27-Jul-10	0	Yes	INC	24	0:05	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
121	RT	Software Limitation	PG&E	Fresno	28-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
122	RT	Software Limitation	PG&E	Fresno	29-Jul-10	308	Yes	DEC	2	3:45	4:49	(323.40)	\$0	\$0	\$3,077	0.00	\$0	\$0	\$0	\$0	\$0
123	RT	Software Limitation	PG&E	Fresno	29-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
124	RT	Software Limitation	PG&E	Fresno	30-Jul-10	0	Yes	INC	24	0:25	23:14	(25.67)	\$0	\$0	\$835	0.00	\$0	\$0	\$0	\$0	\$0
125	RT	Software Limitation	PG&E	Fresno	31-Jul-10	0	No	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
126	RT	Software Limitation	PG&E	N/A	19-Jul-10	52	No	INC	3	21:00	23:59	217.73	\$0	\$0	(\$6,818)	0.00	\$0	\$0	\$0	\$0	\$0
127	RT	Software Limitation	PG&E	Stockton	18-Jul-10	38	Yes	DEC	3	15:00	17:59	(67.74)	\$0	\$0	\$3,010	0.00	\$0	\$0	\$0	\$0	\$0
128	RT	Software Limitation	PG&E	Stockton	18-Jul-10	0	Yes	INC	3	15:00	17:59	3.44	\$0	\$0	(\$149)	0.00	\$0	\$0	\$0	\$0	\$0
129	RT	Software Limitation	SCE	Big Creek-Ventura	30-Jul-10	0	Yes	INC	2	1:45	2:14	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
130	RT	Software Limitation	SCE	LA Basin	5-Jul-10	91-104	No	DEC	16	8:00	23:59	(1461.42)	\$0	\$0	\$46,479	(1460.33)	\$0	\$46,427	\$0	\$0	\$0
131	RT	Software Limitation	SCE	LA Basin	13-Jul-10	0	Yes	INC	1	23:05	23:59	3.83	\$0	\$0	(\$494)	0.00	\$0	\$0	\$0	\$0	\$0
132	RT	Software Limitation	SCE	LA Basin	14-Jul-10	0	Yes	INC	24	0:00	23:49	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
133	RT	Software Limitation	SCE	LA Basin	15-Jul-10	190	Yes	INC	9	14:25	22:59	1461.91	\$188,691	\$8,413	(\$287,039)	0.00	\$0	\$0	\$0	\$0	\$0
134	RT	Software Limitation	SCE	LA Basin	16-Jul-10	30	Yes	DEC	3	18:55	20:44	(10.00)	\$0	\$0	\$82	(7.81)	\$0	\$0	\$0	\$0	\$0
135	RT	Software Limitation	SCE	LA Basin	16-Jul-10	0	Yes	INC	3	18:55	20:44	(2.29)	\$0	\$0	\$97	0.00	\$0	\$0	\$0	\$0	\$0
136	RT	Software Limitation	SCE	LA Basin	17-Jul-10	0	Yes	INC	16	0:00	15:59	(9.50)	\$0	\$0	\$330	0.00	\$0	\$0	\$0	\$0	\$0
137	RT	Software Limitation	SCE	LA Basin	19-Jul-10	25	Yes	INC	5	19:25	23:59	52.50	\$6,467	\$199	(\$1,494)	0.00	\$0	\$0	\$0	\$0	\$0
138	RT	Software Limitation	SCE	LA Basin	22-Jul-10	20	Yes	INC	3	21:00	23:59	90.98	\$8,649	\$0	(\$2,969)	0.00	\$0	\$0	\$0	\$0	\$0
139	RT	Software Limitation	SCE	LA Basin	23-Jul-10	0	Yes	INC	2	21:45	22:59	5.00	\$1,179	\$46	(\$171)	0.00	\$0	\$0	\$0	\$0	\$0
140	RT	Software Limitation	SCE	LA Basin	24-Jul-10	0	Yes	INC	2	19:20	20:24	5.00	\$584	\$266	(\$247)	0.00	\$0	\$0	\$0	\$0	\$0
141	RT	Software Limitation	SCE	LA Basin	27-Jul-10	0	No	INC	5	0:10	4:09	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
142	RT	Software Limitation	SCE	LA Basin	30-Jul-10	0	Yes	INC	2	1:45	2:44	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
143	RT	Software Limitation	SCE	N/A	27-Jul-10	336-500	Yes	INC	3	20:00	22:29	189.83	\$0	\$0	(\$5,240)	11.87	(\$329)	\$0	\$0	\$0	\$0
144	RT	Software Limitation	SDG&E	San Diego	9-Jul-10	35	Yes	DEC	1	19:05	19:09	(1.36)	\$0	\$0	\$54	0.00	\$0	\$0	\$0	\$0	\$0
145	RT	Software Limitation	SDG&E	San Diego	9-Jul-10	0	Yes	INC	1	19:10	19:59	13.86	\$0	\$0	(\$403)	0.00	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
146	RT	Software Limitation	SDG&E	San Diego	14-Jul-10	0	Yes	INC	1	20:20	20:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
147	RT	Software Limitation	SDG&E	San Diego	15-Jul-10	0	Yes	INC	2	18:20	19:19	0.00	\$406	\$55	\$0	0.00	\$0	\$0	\$0	\$0	\$0
148	RT	Software Limitation	SDG&E	San Diego	30-Jul-10	0	Yes	INC	12	0:05	11:44	0.91	\$0	\$0	(\$32)	0.00	\$0	\$0	\$0	\$0	\$0
149	RT	System Energy	PG&E	Bay Area	15-Jul-10	45-90	Yes	INC	17	7:00	23:59	2136.31	\$91,729	\$54,415	(\$167,182)	0.00	\$0	\$0	\$0	\$0	\$0
150	RT	System Energy	SCE	Big Creek-Ventura	16-Jul-10	691	No	DEC	1	13:00	13:04	(18.05)	\$0	\$0	\$742	0.00	\$0	\$0	\$0	\$0	\$0
151	RT	System Energy	SCE	Big Creek-Ventura	17-Jul-10	50	Yes	INC	4	13:00	16:24	953.68	\$33,919	\$0	(\$351,088)	0.00	\$0	\$0	\$0	\$0	\$0
152	RT	System Energy	SCE	Big Creek-Ventura	19-Jul-10	50	Yes	INC	24	0:00	23:59	4273.33	\$232,586	\$0	(\$213,898)	2402.62	(\$136,956)	\$0	\$0	\$0	\$0
153	RT	System Energy	SCE	LA Basin	1-Jul-10	25	Yes	INC	15	9:00	23:59	644.03	\$46,320	\$46,095	(\$21,957)	242.85	(\$10,506)	\$0	\$0	\$0	\$0
154	RT	System Energy	SCE	LA Basin	12-Jul-10	30	Yes	INC	17	7:00	23:59	1324.42	\$85,850	\$79,740	(\$46,102)	0.00	\$0	\$0	\$0	\$0	\$0
155	RT	System Energy	SCE	LA Basin	26-Jul-10	20	Yes	INC	15	9:00	23:59	1285.90	\$35,040	\$31,128	(\$56,547)	0.00	\$0	\$0	\$0	\$0	\$0
156	RT	System Energy	SCE	N/A	16-Jul-10	40-100	Yes	INC	11	11:00	21:59	1107.54	\$63,517	\$30,100	(\$61,319)	573.97	(\$24,447)	\$0	(\$9,784)	\$0	\$0
157	RT	T-103	SCE	LA Basin	18-Jul-10	20	Yes	INC	24	0:00	23:59	1519.72	\$57,312	\$0	(\$61,746)	134.77	(\$5,557)	\$0	\$0	\$0	\$0
158	RT	T-129	PG&E	Fresno	3-Jul-10	3-5	No	DEC	11	6:22	16:39	(33.25)	\$0	\$0	\$717	(33.23)	\$0	\$716	\$0	(\$28)	\$0
159	RT	T-129	PG&E	Fresno	4-Jul-10	5-10	No	DEC	9	6:20	14:59	(47.36)	\$0	\$0	\$547	(47.31)	\$0	\$545	\$0	(\$152)	\$0
160	RT	T-129	PG&E	Fresno	5-Jul-10	6	No	DEC	11	6:15	16:34	(62.03)	\$0	\$0	\$1,987	(61.88)	\$0	\$1,958	\$0	(\$279)	\$0
161	RT	T-129	PG&E	Fresno	5-Jul-10	0	No	INC	6	16:35	21:59	(0.50)	\$0	\$0	\$248	0.00	\$0	\$0	\$0	\$0	\$0
162	RT	T-129	PG&E	Fresno	6-Jul-10	3-6	No	DEC	7	6:30	12:24	(21.69)	\$0	\$0	\$258	(20.88)	\$0	\$239	\$0	\$0	\$0
163	RT	T-129	PG&E	Fresno	6-Jul-10	0	No	INC	12	12:25	23:59	(0.42)	\$0	\$0	\$7	0.00	\$0	\$0	\$0	\$0	\$0
164	RT	T-129	PG&E	Fresno	7-Jul-10	61	No	INC	12	10:50	21:59	(0.03)	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
165	RT	T-129	PG&E	Fresno	9-Jul-10	20	No	DEC	1	23:30	23:59	(7.91)	\$0	\$0	\$204	(7.48)	\$0	\$194	\$0	\$0	\$0
166	RT	T-129	PG&E	Fresno	11-Jul-10	6-78	No	DEC	1	23:00	23:59	(5.49)	\$0	\$0	\$161	(4.59)	\$0	\$131	\$0	(\$17)	\$0
167	RT	T-129	PG&E	Fresno	12-Jul-10	5	No	DEC	1	23:20	23:59	1.50	\$0	\$0	(\$23)	0.00	\$0	\$0	\$0	\$0	\$0
168	RT	T-129	PG&E	Fresno	12-Jul-10	59	No	INC	1	0:00	0:59	1.69	\$0	\$0	(\$61)	0.00	\$0	\$0	\$0	\$0	\$0
169	RT	T-129	PG&E	Fresno	15-Jul-10	5-15	No	DEC	15	7:35	21:59	(288.67)	\$0	\$0	\$18,209	(124.79)	\$0	\$8,024	\$0	(\$4,339)	\$0
170	RT	T-129	PG&E	Fresno	16-Jul-10	10-20	No	DEC	8	9:25	16:44	(107.92)	\$0	\$0	\$4,117	(104.84)	\$0	\$4,009	\$0	(\$935)	\$0
171	RT	T-129	PG&E	Fresno	16-Jul-10	0	No	INC	1	6:35	6:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
172	RT	T-129	PG&E	Fresno	17-Jul-10	308	No	INC	6	4:25	9:59	689.54	\$0	\$0	(\$108)	0.00	\$0	\$0	\$0	\$0	\$0
173	RT	T-129	PG&E	Fresno	21-Jul-10	0	Yes	INC	2	0:00	1:59	25.67	\$0	\$0	(\$695)	0.00	\$0	\$0	\$0	\$0	\$0
174	RT	T-129	PG&E	Fresno	26-Jul-10	5	No	DEC	1	23:37	23:54	(1.65)	\$0	\$0	\$41	(1.05)	\$0	\$28	\$0	\$0	\$0
175	RT	T-129	PG&E	Fresno	27-Jul-10	10	No	DEC	1	23:20	23:59	(5.71)	\$0	\$0	\$140	(5.26)	\$0	\$134	\$0	\$0	\$0
176	RT	T-129	PG&E	Fresno	28-Jul-10	5	No	DEC	2	22:55	23:59	(0.90)	\$0	\$0	\$27	(0.87)	\$0	\$27	\$0	(\$2)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
177	RT	T-129	PG&E	Fresno	30-Jul-10	1-6	No	DEC	15	7:10	21:59	(59.78)	\$0	\$0	\$1,436	(59.57)	\$0	\$1,437	\$0	(\$0)	\$0
178	RT	T-132	SCE	LA Basin	10-Jul-10	2-40	No	DEC	6	14:35	19:19	(37.82)	\$0	\$0	\$1,659	0.00	\$0	\$0	\$0	\$0	\$0
179	RT	T-132	SCE	LA Basin	10-Jul-10	29	No	INC	6	14:35	19:19	24.32	\$0	\$0	(\$754)	2.42	(\$59)	\$0	(\$2)	\$0	\$0
180	RT	T-132	SCE	LA Basin	19-Jul-10	50	Yes	DEC	2	14:25	15:24	(27.76)	\$0	\$0	\$1,329	0.00	\$0	\$0	\$0	\$0	\$0
181	RT	T-132	SCE	LA Basin	19-Jul-10	70-207	Yes	INC	6	15:25	20:49	577.00	\$2,573	\$0	(\$23,349)	434.72	(\$17,236)	\$0	(\$2,702)	\$0	\$0
182	RT	T-132	SCE	LA Basin	20-Jul-10	140	Yes	INC	3	17:20	19:59	333.05	\$8,235	\$0	(\$11,945)	263.48	(\$9,399)	\$0	(\$2,113)	\$0	\$0
183	RT	T-132	SCE	LA Basin	26-Jul-10	71	Yes	INC	2	18:15	19:04	74.88	\$3,255	\$3,895	(\$2,976)	36.50	(\$1,449)	\$0	(\$112)	\$0	\$0
184	RT	T-132	SCE	LA Basin	27-Jul-10	25	Yes	INC	20	0:00	19:59	500.00	\$47,380	\$0	(\$14,401)	0.00	\$0	\$0	\$0	\$0	\$0
185	RT	T-132	SDG&E	N/A	10-Jul-10	42-121	Yes	DEC	6	14:35	19:54	(526.33)	\$0	\$0	\$8,382	(512.96)	\$0	\$8,046	\$0	\$0	\$0
186	RT	T-132	SDG&E	N/A	14-Jul-10	100-205	Yes	DEC	7	14:35	20:59	(863.43)	\$0	\$0	\$60,916	(841.31)	\$0	\$58,422	\$0	(\$39,932)	\$0
187	RT	T-132	SDG&E	N/A	15-Jul-10	88-163	No	DEC	6	15:10	20:59	(609.93)	\$0	\$0	\$13,696	(599.48)	\$0	\$13,369	\$0	\$0	\$0
188	RT	T-132	SDG&E	N/A	16-Jul-10	60-260	Yes	DEC	8	14:25	21:59	(1455.17)	\$0	\$0	\$32,296	(1406.30)	\$0	\$30,829	\$0	\$0	\$0
189	RT	T-132	SDG&E	N/A	17-Jul-10	100-494	Yes	DEC	11	12:10	22:39	(3880.14)	\$0	\$0	\$68,525	(3695.78)	\$0	\$62,630	\$0	\$0	\$0
190	RT	T-132	SDG&E	N/A	18-Jul-10	13-266	No	DEC	11	10:45	20:39	(1809.98)	\$0	\$0	\$42,208	(1679.37)	\$0	\$38,292	\$0	\$0	\$0
191	RT	T-132	SDG&E	N/A	18-Jul-10	0	No	INC	11	10:45	20:39	(4.17)	\$0	\$0	\$149	0.00	\$0	\$0	\$0	\$0	\$0
192	RT	T-132	SDG&E	N/A	19-Jul-10	40-210	No	DEC	8	14:25	21:09	(1196.36)	\$0	\$0	\$28,939	(1119.42)	\$0	\$26,681	\$0	\$0	\$0
193	RT	T-132	SDG&E	N/A	20-Jul-10	60-200	No	DEC	5	15:05	19:59	(676.29)	\$0	\$0	\$17,425	(553.80)	\$0	\$13,730	\$0	\$0	\$0
194	RT	T-132	SDG&E	N/A	24-Jul-10	40-212	Yes	DEC	8	13:24	20:04	(1184.72)	\$0	\$0	\$27,111	(1132.30)	\$0	\$25,657	\$0	\$0	\$0
195	RT	T-132	SDG&E	N/A	24-Jul-10	10	Yes	INC	8	13:24	20:09	(3.69)	\$0	\$0	\$102	0.00	\$0	\$0	\$0	\$0	\$0
196	RT	T-132	SDG&E	N/A	25-Jul-10	90-321	Yes	DEC	8	13:15	20:29	(2499.28)	\$0	\$0	\$53,458	(2287.65)	\$0	\$47,095	\$0	\$0	\$0
197	RT	T-132	SDG&E	N/A	25-Jul-10	4	Yes	INC	1	14:00	14:24	(1.61)	\$0	\$0	\$38	0.00	\$0	\$0	\$0	\$0	\$0
198	RT	T-132	SDG&E	N/A	26-Jul-10	40-254	Yes	DEC	10	11:50	20:19	(1596.42)	\$0	\$0	\$35,732	(1434.71)	\$0	\$30,766	\$0	\$0	\$0
199	RT	T-132	SDG&E	N/A	26-Jul-10	0	No	INC	4	11:55	14:44	(3.34)	\$0	\$0	\$87	0.00	\$0	\$0	\$0	\$0	\$0
200	RT	T-132	SDG&E	N/A	29-Jul-10	90-180	No	DEC	9	13:20	21:59	(1380.54)	\$0	\$0	\$23,887	(1320.44)	\$0	\$22,319	\$0	\$0	\$0
201	RT	T-132	SDG&E	N/A	30-Jul-10	28-343	Yes	DEC	12	10:30	21:59	(1931.99)	\$0	\$0	\$38,386	(1891.91)	\$0	\$34,608	\$0	\$0	\$0
202	RT	T-132	SDG&E	N/A	30-Jul-10	25-40	Yes	INC	3	10:20	12:39	55.83	\$0	\$0	(\$7,073)	0.00	\$0	\$0	\$0	\$0	\$0
203	RT	T-132	SDG&E	N/A	31-Jul-10	140-310	No	DEC	7	12:05	18:29	(1497.09)	\$0	\$0	\$30,604	(1458.91)	\$0	\$29,258	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
204	RT	T-132	SDG&E	San Diego	17-Jul-10	87-233	No	DEC	7	14:35	20:09	(1125.15)	\$0	\$0	\$39,483	(1021.22)	\$0	\$34,574	\$0	\$0	\$0
205	RT	T-132	SDG&E	San Diego	18-Jul-10	22-146	No	DEC	10	10:50	19:39	(868.70)	\$0	\$0	\$32,342	(437.15)	\$0	\$17,285	\$0	\$0	\$0
206	RT	T-132	SDG&E	San Diego	18-Jul-10	34-401	Yes	INC	10	10:50	19:59	(773.58)	\$3,975	\$0	\$33,894	85.12	(\$3,752)	\$0	\$0	\$0	\$0
207	RT	T-138	N/A	N/A	29-Jul-10	258	No	INC	1	19:08	19:59	13.70	\$0	\$0	(\$514)	7.10	(\$266)	\$0	\$0	\$0	\$0
208	RT	T-138	PG&E	Humboldt	1-Jul-10	5-10	No	INC	7	5:25	11:59	60.94	\$0	\$0	(\$502)	60.42	(\$489)	\$0	\$0	(\$3,495)	\$0
209	RT	T-138	PG&E	Humboldt	2-Jul-10	5-15	No	INC	6	18:13	23:59	49.34	\$0	\$0	(\$1,929)	45.57	(\$1,403)	\$0	\$0	(\$1,270)	\$0
210	RT	T-138	PG&E	Humboldt	3-Jul-10	5	No	DEC	4	1:55	4:59	0.16	\$0	\$0	(\$6)	0.00	\$0	\$0	\$0	\$0	\$0
211	RT	T-138	PG&E	Humboldt	3-Jul-10	10	No	INC	12	0:00	11:59	42.71	\$0	\$0	(\$1,189)	37.45	(\$1,064)	\$0	\$0	(\$841)	\$0
212	RT	T-138	PG&E	Humboldt	12-Jul-10	5-10	No	INC	10	7:37	16:59	68.28	\$0	\$0	(\$2,093)	66.46	(\$2,037)	\$0	\$0	(\$2,162)	\$0
213	RT	T-138	PG&E	Humboldt	17-Jul-10	10	No	INC	2	21:25	22:09	7.50	\$0	\$0	(\$270)	7.40	(\$266)	\$0	\$0	(\$227)	\$0
214	RT	T-138	PG&E	Humboldt	18-Jul-10	5	No	INC	1	21:15	21:49	2.86	\$0	\$0	(\$110)	2.81	(\$108)	\$0	\$0	(\$78)	\$0
215	RT	T-138	PG&E	Humboldt	22-Jul-10	0	No	INC	2	21:20	22:59	0.00	\$0	\$0	\$0	0.00	\$0	\$0	\$0	\$0	\$0
216	RT	T-138	PG&E	Humboldt	23-Jul-10	15	No	INC	10	8:40	17:04	80.85	\$0	\$0	(\$4,090)	68.85	(\$3,162)	\$0	\$0	(\$520)	\$0
217	RT	T-138	PG&E	Humboldt	24-Jul-10	5	No	INC	14	4:50	17:19	52.15	\$0	\$0	(\$2,895)	34.95	(\$1,461)	\$0	\$0	(\$893)	\$0
218	RT	T-138	PG&E	Humboldt	25-Jul-10	5-15	No	INC	11	12:00	22:14	61.18	\$0	\$0	(\$2,728)	58.11	(\$2,527)	\$0	(\$636)	(\$1,134)	\$0
219	RT	T-161	N/A	N/A	29-Jul-10	43-91	No	DEC	2	22:00	23:58	19.29	\$0	\$0	\$3,877	0.00	\$0	\$0	\$0	\$0	\$0
220	RT	T-161	N/A	N/A	29-Jul-10	135	No	INC	1	19:30	19:59	37.70	\$0	\$0	(\$28,980)	0.00	\$0	\$0	\$0	\$0	\$0
221	RT	T-161	SCE	Big Creek-Ventura	29-Jul-10	38-568	No	DEC	5	19:30	23:59	(635.12)	\$0	\$0	\$2,226	(576.83)	\$0	\$3,326	\$0	\$0	\$0
222	RT	T-161	SCE	Big Creek-Ventura	30-Jul-10	40	Yes	INC	8	10:00	17:59	1823.12	\$23,355	\$9,630	(\$588,385)	65.00	(\$2,773)	\$0	(\$2,076)	\$0	\$0
223	RT	T-161	SCE	LA Basin	30-Jul-10	20-110	Yes	INC	17	7:00	23:59	11804.67	\$131,773	\$209,384	(\$2,228,783)	0.00	\$0	\$0	\$0	\$0	\$0
224	RT	T-161	SCE	LA Basin	31-Jul-10	0	No	INC	1	0:00	0:59	(18.33)	\$0	\$0	\$578	0.00	\$0	\$0	\$0	\$0	\$0
225	RT	T-161	SDG&E	San Diego	29-Jul-10	22-222	No	DEC	7	17:16	23:29	(712.53)	\$0	\$0	\$9,404	(168.75)	\$0	\$4,279	\$0	\$0	\$0
226	RT	T-161	SDG&E	San Diego	29-Jul-10	161-427	Yes	INC	6	18:55	23:59	1556.85	\$17,570	\$3,988	(\$147,815)	560.20	(\$26,654)	\$0	(\$45,744)	\$0	\$0
227	RT	T-161	SDG&E	San Diego	30-Jul-10	40-215	Yes	INC	24	0:00	23:59	2411.64	\$60,694	\$0	(\$401,770)	14.43	(\$452)	\$0	(\$288)	\$0	\$0
228	RT	T-165	PG&E	Sierra	17-Jul-10	18	No	DEC	2	17:25	18:14	(14.58)	\$0	\$0	\$590	(14.22)	\$0	\$576	\$0	(\$141)	\$0
229	RT	T-165	PG&E	Sierra	18-Jul-10	28-39	Yes	DEC	3	17:00	19:04	(49.63)	\$0	\$0	\$1,984	(49.24)	\$0	\$1,968	\$0	(\$477)	\$0
230	RT	T-168	N/A	N/A	15-Jul-10	23	No	DEC	1	12:15	12:24	(20.84)	\$0	\$0	\$817	(1.73)	\$0	\$71	\$0	(\$2)	\$0
231	RT	T-168	PG&E	Fresno	15-Jul-10	198	No	DEC	1	12:15	12:34	(36.14)	\$0	\$0	\$1,558	(45.20)	\$0	\$1,920	\$0	(\$835)	\$0
232	RT	T-169	N/A	N/A	13-Jul-10	36	No	DEC	6	16:37	21:59	(139.02)	\$0	\$0	\$6,061	(150.25)	\$0	\$6,342	\$0	(\$982)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
233	RT	T-169	N/A	N/A	13-Jul-10	455	No	INC	6	16:37	21:59	(20.46)	\$0	\$0	\$1,832	0.00	\$0	\$0	\$0	\$0	\$0
234	RT	T-170	N/A	N/A	15-Jul-10	25-107	Yes	DEC	2	12:45	13:09	12.20	\$0	\$0	(\$8,927)	4.75	(\$3,468)	\$0	\$0	\$0	\$0
235	RT	T-170	N/A	N/A	16-Jul-10	140	No	DEC	3	15:45	17:29	(63.21)	\$0	\$0	\$2,798	(57.50)	\$0	\$2,551	\$0	(\$1,398)	\$0
236	RT	T-170	N/A	N/A	16-Jul-10	352	No	INC	3	15:45	17:29	127.89	\$0	\$0	(\$9,389)	0.00	\$0	\$0	\$0	\$0	\$0
237	RT	T-170	N/A	N/A	17-Jul-10	352-485	No	DEC	10	14:47	23:54	(3790.31)	\$0	\$0	\$450,552	(3744.29)	\$0	\$444,207	\$0	(\$415,039)	\$0
238	RT	T-170	PG&E	Fresno	16-Jul-10	308	No	DEC	1	4:15	4:16	(25.67)	\$0	\$0	(\$117)	0.00	\$0	\$0	\$0	\$0	\$0
239	RT	T-170	SCE	LA Basin	14-Jul-10	120	Yes	INC	4	17:50	20:59	370.25	\$30,175	\$0	(\$19,232)	30.91	(\$1,451)	\$0	\$0	(\$14)	\$0
240	RT	T-170	SCE	LA Basin	15-Jul-10	117	Yes	INC	7	12:15	18:59	268.86	\$15,633	\$0	(\$125,763)	5.99	(\$294)	\$0	\$0	(\$96)	\$0
241	RT	T-170	SCE	LA Basin	16-Jul-10	2	Yes	DEC	4	16:45	19:29	1.34	\$0	\$0	(\$61)	0.00	\$0	\$0	\$0	\$0	\$0
242	RT	T-170	SCE	LA Basin	16-Jul-10	37-108	Yes	INC	4	16:45	19:59	191.24	\$15,625	\$0	(\$7,925)	7.23	(\$306)	\$0	\$0	(\$762)	\$0
243	RT	T-170	SCE	LA Basin	23-Jul-10	36	Yes	INC	3	15:50	17:04	47.99	\$3,200	\$0	(\$2,569)	0.99	(\$52)	\$0	\$0	(\$0)	\$0
244	RT	Telemetry Error	PG&E	N/A	14-Jul-10	0	No	INC	5	2:02	6:59	(0.02)	\$0	\$0	\$1	0.00	\$0	\$0	\$0	\$0	\$0
245	RT	Thermal Margin	SCE	LA Basin	13-Jul-10	25	No	INC	1	17:10	17:14	2.29	\$0	\$0	(\$109)	0.00	\$0	\$0	\$0	\$0	\$0
246	RT	Thermal Margin	SCE	LA Basin	14-Jul-10	25-50	Yes	INC	17	7:00	23:59	8180.48	\$103,658	\$91,249	(\$564,355)	0.00	\$0	\$0	\$0	\$0	\$0
247	RT	Thermal Margin	SCE	LA Basin	15-Jul-10	20	Yes	INC	17	7:00	23:59	2340.11	\$23,288	\$0	(\$648,175)	0.00	\$0	\$0	\$0	\$0	\$0
248	RT	Thermal Margin	SCE	LA Basin	26-Jul-10	25-50	Yes	INC	15	9:00	23:59	1753.98	\$78,870	\$85,049	(\$76,184)	32.70	(\$1,316)	\$0	(\$83)	\$0	\$0
249	RT	Transmission Mitigation	PG&E	Stockton	7-Jul-10	3- 8	No	DEC	15	7:40	21:59	(87.95)	\$0	\$0	(\$2,513)	(68.37)	\$0	(\$1,985)	\$0	\$0	\$0
250	RT	Transmission Mitigation	SDG&E	N/A	15-Jul-10	20-50	No	DEC	4	15:20	18:59	(141.93)	\$0	\$0	\$3,742	(139.89)	\$0	\$3,122	\$0	\$0	\$0
251	RT	Transmission Outage PG&E	PG&E	Bay Area	14-Jul-10	30-153	No	INC	6	8:15	13:59	616.81	\$0	\$0	(\$27,854)	324.68	(\$13,622)	\$0	\$0	(\$1,145)	\$0
252	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Jul-10	0	No	DEC	1	14:00	14:59	(4.87)	\$0	\$0	\$214	0.00	\$0	\$0	\$0	\$0	\$0
253	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Jul-10	15	No	INC	7	8:05	14:59	(1.59)	\$0	\$0	\$56	0.00	\$0	\$0	\$0	\$0	\$0
254	RT	Transmission Outage PG&E	PG&E	N/A	13-Jul-10	10	No	DEC	6	10:18	15:59	(55.24)	\$0	\$0	\$3,241	(56.56)	\$0	\$3,320	\$0	(\$3,017)	\$0
255	RT	Transmission Outage PG&E	PG&E	NCNB	9-Jul-10	8-14	No	DEC	13	0:01	12:59	(138.02)	\$0	\$0	\$1,355	(134.56)	\$0	\$1,296	\$0	(\$1,556)	\$0
256	RT	Transmission Outage SDG&E	N/A	N/A	16-Jul-10	10	No	DEC	2	13:21	14:59	(16.33)	\$0	\$0	\$882	(16.33)	\$0	\$882	\$0	(\$199)	\$0
257	RT	Transmission Outage SDG&E	N/A	N/A	20-Jul-10	1- 5	No	DEC	1	12:01	12:29	0.54	\$0	\$0	(\$14)	(1.29)	\$0	\$42	\$0	\$0	\$0
258	RT	Transmission Outage SDG&E	SDG&E	San Diego	1-Jul-10	47	Yes	DEC	1	19:55	19:59	(6.19)	\$0	\$0	\$121	0.00	\$0	\$0	\$0	\$0	\$0
259	RT	Transmission Outage SDG&E	SDG&E	San Diego	1-Jul-10	18-257	Yes	INC	11	0:00	10:59	2266.93	\$0	\$0	(\$22,741)	246.50	(\$848)	\$0	\$0	(\$8,653)	\$0
260	RT	Transmission Outage SDG&E	SDG&E	San Diego	2-Jul-10	200-257	Yes	INC	10	0:00	9:59	2247.07	\$72,053	\$0	(\$47,422)	211.90	(\$3,675)	\$0	\$0	(\$4,268)	\$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
261	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Jul-10	20-270	No	DEC	18	6:00	23:59	(1986.25)	\$0	\$0	\$62,323	(1661.08)	\$0	\$44,140	\$0	\$0	\$0
262	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Jul-10	13-230	No	INC	13	11:00	23:59	(1269.08)	\$0	\$0	\$417,758	0.00	\$0	\$0	\$0	\$0	\$0
263	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Jul-10	20-65	No	DEC	10	14:00	23:59	(261.27)	\$0	\$0	\$2,573	(196.24)	\$0	\$0	\$0	\$0	\$0
264	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Jul-10	74-230	No	INC	20	0:00	19:59	(37.03)	\$0	\$0	\$1,801	22.33	(\$751)	\$0	(\$179)	\$0	\$0
265	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Jul-10	3	Yes	DEC	3	13:20	15:59	2.00	\$0	\$0	(\$81)	0.00	\$0	\$0	\$0	\$0	\$0
266	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Jul-10	45	Yes	INC	3	13:20	15:59	77.81	\$3,475	\$0	(\$4,439)	0.00	\$0	\$0	\$0	\$0	\$0
267	RT	Unit Testing	N/A	N/A	23-Jul-10	172-240	Yes	INC	2	9:21	10:45	315.65	\$0	\$0	(\$10,622)	0.00	\$0	\$0	\$0	\$0	\$0
268	RT	Unit Testing	PG&E	Bay Area	2-Jul-10	49-93	No	DEC	10	14:45	23:59	(186.45)	\$0	\$0	\$7,861	(184.46)	\$0	\$7,772	\$0	\$0	\$0
269	RT	Unit Testing	PG&E	Bay Area	2-Jul-10	0	No	INC	10	14:45	23:59	(3.88)	\$0	\$0	\$150	0.00	\$0	\$0	\$0	\$0	\$0
270	RT	Unit Testing	PG&E	Bay Area	3-Jul-10	73-93	No	DEC	24	0:00	23:59	(159.08)	\$0	\$0	\$4,916	(88.29)	\$0	\$2,826	\$0	\$0	\$0
271	RT	Unit Testing	PG&E	Bay Area	3-Jul-10	0	No	INC	24	0:00	23:59	(6.92)	\$0	\$0	\$211	0.00	\$0	\$0	\$0	\$0	\$0
272	RT	Unit Testing	PG&E	Bay Area	4-Jul-10	33-123	No	DEC	24	0:00	23:59	(262.52)	\$0	\$0	\$5,899	(150.44)	\$0	\$3,066	\$0	\$0	\$0
273	RT	Unit Testing	PG&E	Bay Area	4-Jul-10	0	No	INC	24	0:00	23:59	(6.07)	\$0	\$0	\$132	0.00	\$0	\$0	\$0	\$0	\$0
274	RT	Unit Testing	PG&E	Bay Area	5-Jul-10	53-123	No	DEC	9	15:25	23:59	(209.96)	\$0	\$0	\$26,983	(202.53)	\$0	\$26,634	\$0	\$0	\$0
275	RT	Unit Testing	PG&E	Bay Area	5-Jul-10	0	No	INC	9	15:40	23:59	(1.79)	\$0	\$0	\$89	0.00	\$0	\$0	\$0	\$0	\$0
276	RT	Voltage Control	PG&E	Fresno	11-Jul-10	308	No	INC	2	7:35	8:29	128.33	\$0	\$0	(\$1,226)	0.00	\$0	\$0	\$0	\$0	\$0

Appendix A: Explanation by Example

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

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

Example 1: Exceptional Dispatch Instructions Prior to DAM

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

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

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

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8928 five-minute intervals in July, this resource was issued exceptional dispatch instructions in 1237 five-minute intervals. It was eligible to set the LMP in 1236 intervals. Out of the 1236 intervals, resource calculated LMP was larger than the market LMP in 1201 intervals, and the average increase in five minute LMP was \$36.98/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 \$36.98/MWh. Note that 1201 five minute intervals are approximately 13.45 percent of the total 8928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SDG&E 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 1,345 five minute intervals. This resource was eligible to set the LMP in 1,285 intervals. Out of the 1,285 intervals, resource calculated LMP was larger than the market LMP in 1,069 intervals. In the 1,069 intervals, the average increase in five minute LMP was \$10.23/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$10.23/MWh. The 1,069 five minute intervals account for approximately 11.97 percent of the total 8,640 five minute intervals.

Table 8: Price Impact Analysis Information for Pricing Node A in SCE LAP

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	16-Jul-10	14	1	\$41.24	No	\$39.98	-\$1.26
2	17-Jul-10	14	1	\$50.17	Yes	\$65.23	\$15.06
3	17-Jul-10	14	2	\$51.59	Yes	\$65.23	\$13.64
4	17-Jul-10	14	3	\$68.67	Yes	\$65.23	-\$3.44
5	17-Jul-10	14	4	\$53.09	Yes	\$65.23	\$12.14
6	17-Jul-10	14	5	\$68.66	Yes	\$65.23	-\$3.43
7	17-Jul-10	14	6	\$51.81	Yes	\$65.23	\$13.42
8	17-Jul-10	14	7	\$52.12	Yes	\$65.23	\$13.11
9	17-Jul-10	14	8	\$76.36	Yes	\$65.23	-\$11.13
10	17-Jul-10	14	9	\$85.47	Yes	\$65.23	-\$20.24
11	17-Jul-10	14	10	\$85.40	Yes	\$65.23	-\$20.17
12	17-Jul-10	14	11	\$83.13	Yes	\$65.23	-\$17.90
13	17-Jul-10	14	12	\$76.29	Yes	\$65.23	-\$11.06
14	17-Jul-10	15	1	\$76.25	Yes	\$65.23	-\$11.02
15	17-Jul-10	15	2	\$86.63	Yes	\$65.23	-\$21.40
16	17-Jul-10	15	3	\$304.09	Yes	\$65.23	-\$238.86
17	17-Jul-10	15	4	\$251.45	Yes	\$65.23	-\$186.22
18	17-Jul-10	15	5	\$85.01	Yes	\$65.23	-\$19.78
19	17-Jul-10	15	6	\$302.82	Yes	\$65.23	-\$237.59
20	17-Jul-10	15	7	\$77.33	Yes	\$65.23	-\$12.10
21	17-Jul-10	15	8	\$83.30	Yes	\$65.23	-\$18.07
22	17-Jul-10	15	9	\$77.30	Yes	\$65.23	-\$12.07
23	17-Jul-10	15	10	\$69.04	Yes	\$65.23	-\$3.81
24	17-Jul-10	15	11	\$51.35	Yes	\$65.23	\$13.88
25	17-Jul-10	15	12	\$48.57	Yes	\$65.23	\$16.66
26	17-Jul-10	16	1	\$47.76	Yes	\$42.88	-\$4.88
27	17-Jul-10	16	2	\$738.08	Yes	\$42.88	-\$695.20
28	17-Jul-10	16	3	\$738.08	Yes	\$42.88	-\$695.20
29	17-Jul-10	16	4	\$738.98	Yes	\$42.88	-\$696.10
30	17-Jul-10	16	5	\$733.66	Yes	\$42.88	-\$690.78
31	17-Jul-10	16	6	\$744.29	Yes	\$42.88	-\$701.41
32	17-Jul-10	16	7	\$737.26	Yes	\$42.88	-\$694.38
33	17-Jul-10	16	8	\$732.28	Yes	\$42.88	-\$689.40
34	17-Jul-10	16	9	\$732.28	Yes	\$42.88	-\$689.40
35	17-Jul-10	16	10	\$734.35	Yes	\$42.88	-\$691.47
36	17-Jul-10	16	11	\$734.35	Yes	\$42.88	-\$691.47
37	17-Jul-10	16	12	\$734.35	Yes	\$42.88	-\$691.47
38	17-Jul-10	17	1	\$252.19	Yes	\$65.23	-\$186.96
39	17-Jul-10	17	2	\$86.89	Yes	\$65.23	-\$21.66
40	17-Jul-10	17	3	\$75.43	Yes	\$65.23	-\$10.20
41	17-Jul-10	17	4	\$76.51	Yes	\$65.23	-\$11.28
42	17-Jul-10	17	5	\$68.53	Yes	\$65.23	-\$3.30

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
43	17-Jul-10	23	1	\$42.12	Yes	\$95.23	\$53.11
44	17-Jul-10	23	2	\$40.12	Yes	\$95.23	\$55.11
45	17-Jul-10	23	3	\$32.22	Yes	\$95.23	\$63.01
46	17-Jul-10	23	4	\$32.29	Yes	\$95.23	\$62.94
47	17-Jul-10	23	5	\$32.18	Yes	\$95.23	\$63.05
48	17-Jul-10	23	6	\$30.47	Yes	\$95.23	\$64.76
49	17-Jul-10	23	7	\$29.87	Yes	\$95.23	\$65.36
50	17-Jul-10	23	8	\$28.43	Yes	\$95.23	\$66.80
51	17-Jul-10	23	9	\$26.96	Yes	\$95.23	\$68.27
52	17-Jul-10	23	10	\$27.22	Yes	\$95.23	\$68.01
53	17-Jul-10	23	11	\$25.86	Yes	\$95.23	\$69.37
54	17-Jul-10	23	12	\$25.54	Yes	\$95.23	\$69.69
55	17-Jul-10	24	1	\$32.20	Yes	\$65.23	\$33.03
56	17-Jul-10	24	2	\$30.35	Yes	\$65.23	\$34.88
57	17-Jul-10	24	3	\$30.30	Yes	\$65.23	\$34.93
58	17-Jul-10	24	4	\$30.07	Yes	\$65.23	\$35.16
59	17-Jul-10	24	5	\$30.07	Yes	\$65.23	\$35.16
60	17-Jul-10	24	6	\$29.60	Yes	\$65.23	\$35.63
61	17-Jul-10	24	7	\$29.78	Yes	\$65.23	\$35.45
62	17-Jul-10	24	8	\$28.67	Yes	\$65.23	\$36.56
63	17-Jul-10	24	9	\$29.52	Yes	\$65.23	\$35.71
64	17-Jul-10	24	10	\$27.48	Yes	\$65.23	\$37.75
65	17-Jul-10	24	11	\$26.65	Yes	\$65.23	\$38.58
66	17-Jul-10	24	12	\$9.47	Yes	\$65.23	\$55.76
67	18-Jul-10	1	1	\$52.38	Yes	\$95.23	\$42.85
68	18-Jul-10	1	2	\$39.73	Yes	\$95.23	\$55.50
69	18-Jul-10	1	3	\$39.73	Yes	\$95.23	\$55.50
70	18-Jul-10	1	4	\$38.13	Yes	\$95.23	\$57.10
71	18-Jul-10	1	5	\$32.33	Yes	\$95.23	\$62.90
72	18-Jul-10	1	6	\$31.87	Yes	\$95.23	\$63.36
73	18-Jul-10	1	7	\$38.11	Yes	\$95.23	\$57.12
74	18-Jul-10	1	8	\$33.33	Yes	\$95.23	\$61.90
75	18-Jul-10	1	9	\$32.31	Yes	\$95.23	\$62.92
76	18-Jul-10	1	10	\$29.46	Yes	\$95.23	\$65.77
77	18-Jul-10	1	11	\$28.98	Yes	\$95.23	\$66.25
78	18-Jul-10	1	12	\$28.87	Yes	\$95.23	\$66.36
79	18-Jul-10	2	1	\$29.31	Yes	\$70.23	\$40.92
80	18-Jul-10	2	2	\$28.94	Yes	\$70.23	\$41.29
81	18-Jul-10	2	3	\$30.57	Yes	\$70.23	\$39.66
82	18-Jul-10	2	4	\$29.67	Yes	\$70.23	\$40.56
83	18-Jul-10	2	5	\$30.56	Yes	\$70.23	\$39.67
84	18-Jul-10	2	6	\$29.25	Yes	\$70.23	\$40.98
85	18-Jul-10	2	7	\$30.59	Yes	\$70.23	\$39.64
86	18-Jul-10	2	8	\$33.35	Yes	\$70.23	\$36.88
87	18-Jul-10	2	9	\$31.50	Yes	\$70.23	\$38.73

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
88	18-Jul-10	2	10	\$30.19	Yes	\$70.23	\$40.04
89	18-Jul-10	2	11	\$29.46	Yes	\$70.23	\$40.77
90	18-Jul-10	2	12	\$29.41	Yes	\$70.23	\$40.82
91	18-Jul-10	3	1	\$32.24	Yes	\$70.23	\$37.99
92	18-Jul-10	3	2	\$31.47	Yes	\$70.23	\$38.76
93	18-Jul-10	3	3	\$31.44	Yes	\$70.23	\$38.79
94	18-Jul-10	3	4	\$30.21	Yes	\$70.23	\$40.02
95	18-Jul-10	3	5	\$29.81	Yes	\$70.23	\$40.42
96	18-Jul-10	3	6	\$29.81	Yes	\$70.23	\$40.42
97	18-Jul-10	3	7	\$28.96	Yes	\$70.23	\$41.27
98	18-Jul-10	3	8	\$27.82	Yes	\$70.23	\$42.41
99	18-Jul-10	3	9	\$27.36	Yes	\$70.23	\$42.87
100	18-Jul-10	3	10	\$24.52	Yes	\$70.23	\$45.71
101	18-Jul-10	3	11	\$24.52	Yes	\$70.23	\$45.71
102	18-Jul-10	3	12	\$29.75	Yes	\$70.23	\$40.48
103	18-Jul-10	4	1	\$13.89	Yes	\$70.23	\$56.34
104	18-Jul-10	4	2	\$13.26	Yes	\$70.23	\$56.97
105	18-Jul-10	4	3	\$15.29	Yes	\$70.23	\$54.94
106	18-Jul-10	4	4	\$29.78	Yes	\$70.23	\$40.45
107	18-Jul-10	4	5	\$29.50	Yes	\$70.23	\$40.73
108	18-Jul-10	4	6	\$28.91	Yes	\$70.23	\$41.32
109	18-Jul-10	4	7	\$29.48	Yes	\$70.23	\$40.75
110	18-Jul-10	4	8	-\$30.26	Yes	\$70.23	\$100.49
111	18-Jul-10	4	9	\$0.01	Yes	\$70.23	\$70.22
112	18-Jul-10	4	10	-\$30.25	Yes	\$70.23	\$100.48
113	18-Jul-10	4	11	\$0.01	Yes	\$70.23	\$70.22
114	18-Jul-10	4	12	-\$32.85	Yes	\$70.23	\$103.08
115	18-Jul-10	5	1	-\$32.73	Yes	\$70.23	\$102.96
116	18-Jul-10	5	2	-\$32.73	Yes	\$70.23	\$102.96
117	18-Jul-10	5	3	\$0.01	Yes	\$70.23	\$70.22
118	18-Jul-10	5	4	-\$32.77	Yes	\$70.23	\$103.00
119	18-Jul-10	5	5	\$0.01	Yes	\$70.23	\$70.22
120	18-Jul-10	5	6	\$0.01	Yes	\$70.23	\$70.22
121	18-Jul-10	5	7	-\$32.76	Yes	\$70.23	\$102.99
122	18-Jul-10	5	8	\$0.01	Yes	\$70.23	\$70.22
123	18-Jul-10	5	9	-\$25.20	Yes	\$70.23	\$95.43
124	18-Jul-10	5	10	-\$32.91	Yes	\$70.23	\$103.14
125	18-Jul-10	5	11	-\$32.91	Yes	\$70.23	\$103.14
126	18-Jul-10	5	12	\$0.01	Yes	\$70.23	\$70.22
127	18-Jul-10	6	1	-\$15.28	Yes	\$70.23	\$85.51
128	18-Jul-10	6	2	\$16.18	Yes	\$70.23	\$54.05
129	18-Jul-10	6	3	\$30.68	Yes	\$70.23	\$39.55
130	18-Jul-10	6	4	\$33.47	Yes	\$70.23	\$36.76
131	18-Jul-10	6	5	\$33.47	Yes	\$70.23	\$36.76
132	18-Jul-10	6	6	\$32.26	Yes	\$70.23	\$37.97

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
133	18-Jul-10	6	7	\$30.67	Yes	\$70.23	\$39.56
134	18-Jul-10	6	8	\$30.69	Yes	\$70.23	\$39.54
135	18-Jul-10	6	9	\$29.81	Yes	\$70.23	\$40.42
136	18-Jul-10	6	10	\$30.72	Yes	\$70.23	\$39.51
137	18-Jul-10	6	11	\$30.83	Yes	\$70.23	\$39.40
138	18-Jul-10	6	12	\$32.29	Yes	\$70.23	\$37.94
139	18-Jul-10	7	1	\$30.67	Yes	\$65.23	\$34.56
140	18-Jul-10	7	2	\$15.24	Yes	\$65.23	\$49.99
141	18-Jul-10	7	3	\$33.40	Yes	\$65.23	\$31.83
142	18-Jul-10	7	4	\$32.12	Yes	\$65.23	\$33.11
143	18-Jul-10	7	5	\$31.91	Yes	\$65.23	\$33.32
144	18-Jul-10	7	6	\$31.34	Yes	\$65.23	\$33.89
145	18-Jul-10	7	7	\$30.56	Yes	\$65.23	\$34.67
146	18-Jul-10	7	8	\$30.62	Yes	\$65.23	\$34.61
147	18-Jul-10	7	9	\$31.38	Yes	\$65.23	\$33.85
148	18-Jul-10	7	10	\$37.60	Yes	\$65.23	\$27.63
149	18-Jul-10	7	11	\$34.96	Yes	\$65.23	\$30.27
150	18-Jul-10	7	12	\$38.54	Yes	\$65.23	\$26.69
151	18-Jul-10	8	1	\$0.01	Yes	\$65.23	\$65.22
152	18-Jul-10	8	2	-\$34.37	Yes	\$65.23	\$99.60
153	18-Jul-10	8	3	\$0.01	Yes	\$65.23	\$65.22
154	18-Jul-10	8	4	\$1.01	Yes	\$65.23	\$64.22
155	18-Jul-10	8	5	\$19.91	Yes	\$65.23	\$45.32
156	18-Jul-10	8	6	\$29.27	Yes	\$65.23	\$35.96
157	18-Jul-10	8	7	\$31.53	Yes	\$65.23	\$33.70
158	18-Jul-10	8	8	\$31.20	Yes	\$65.23	\$34.03
159	18-Jul-10	8	9	\$31.20	Yes	\$65.23	\$34.03
160	18-Jul-10	8	10	\$32.18	Yes	\$65.23	\$33.05
161	18-Jul-10	8	11	\$32.18	Yes	\$65.23	\$33.05
162	18-Jul-10	8	12	\$32.18	Yes	\$65.23	\$33.05
163	18-Jul-10	9	1	\$23.84	Yes	\$65.23	\$41.39
164	18-Jul-10	9	2	\$20.14	Yes	\$65.23	\$45.09
165	18-Jul-10	9	3	\$20.14	Yes	\$65.23	\$45.09
166	18-Jul-10	9	4	\$1.06	Yes	\$65.23	\$64.17
167	18-Jul-10	9	5	\$19.56	Yes	\$65.23	\$45.67
168	18-Jul-10	9	6	\$25.43	Yes	\$65.23	\$39.80
169	18-Jul-10	9	7	\$0.97	Yes	\$65.23	\$64.26
170	18-Jul-10	9	8	\$11.59	Yes	\$65.23	\$53.64
171	18-Jul-10	9	9	\$22.72	Yes	\$65.23	\$42.51
172	18-Jul-10	9	10	\$23.97	Yes	\$65.23	\$41.26
173	18-Jul-10	9	11	\$29.73	Yes	\$65.23	\$35.50
174	18-Jul-10	9	12	\$29.79	Yes	\$65.23	\$35.44
175	18-Jul-10	10	1	\$11.42	Yes	\$65.23	\$53.81
176	18-Jul-10	10	2	\$14.75	Yes	\$65.23	\$50.48
177	18-Jul-10	10	3	\$19.56	Yes	\$65.23	\$45.67

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
178	18-Jul-10	10	4	\$23.85	Yes	\$65.23	\$41.38
179	18-Jul-10	10	5	\$25.49	Yes	\$65.23	\$39.74
180	18-Jul-10	10	6	\$24.47	Yes	\$65.23	\$40.76
181	18-Jul-10	10	7	\$27.76	Yes	\$65.23	\$37.47
182	18-Jul-10	10	8	\$29.17	Yes	\$65.23	\$36.06
183	18-Jul-10	10	9	\$29.56	Yes	\$65.23	\$35.67
184	18-Jul-10	10	10	\$30.50	Yes	\$65.23	\$34.73
185	18-Jul-10	10	11	\$32.31	Yes	\$65.23	\$32.92
186	18-Jul-10	10	12	\$33.55	Yes	\$65.23	\$31.68
187	18-Jul-10	11	1	\$23.81	Yes	\$65.23	\$41.42
188	18-Jul-10	11	2	\$27.62	Yes	\$65.23	\$37.61
189	18-Jul-10	11	3	\$27.25	Yes	\$65.23	\$37.98
190	18-Jul-10	11	4	\$27.65	Yes	\$65.23	\$37.58
191	18-Jul-10	11	5	\$28.91	Yes	\$65.23	\$36.32
192	18-Jul-10	11	6	\$29.67	Yes	\$65.23	\$35.56
193	18-Jul-10	11	7	\$29.90	Yes	\$65.23	\$35.33
194	18-Jul-10	11	8	\$29.83	Yes	\$65.23	\$35.40
195	18-Jul-10	11	9	\$30.88	Yes	\$65.23	\$34.35
196	18-Jul-10	11	10	\$31.32	Yes	\$65.23	\$33.91
197	18-Jul-10	11	11	\$32.37	Yes	\$65.23	\$32.86
198	18-Jul-10	11	12	\$33.18	Yes	\$65.23	\$32.05
199	18-Jul-10	12	1	\$28.79	Yes	\$65.23	\$36.44
200	18-Jul-10	12	2	\$29.65	Yes	\$65.23	\$35.58
201	18-Jul-10	12	3	\$29.65	Yes	\$65.23	\$35.58
202	18-Jul-10	12	4	\$29.74	Yes	\$65.23	\$35.49
203	18-Jul-10	12	5	\$29.96	Yes	\$65.23	\$35.27
204	18-Jul-10	12	6	\$29.96	Yes	\$65.23	\$35.27
205	18-Jul-10	12	7	\$29.72	Yes	\$65.23	\$35.51
206	18-Jul-10	12	8	\$29.69	Yes	\$65.23	\$35.54
207	18-Jul-10	12	9	\$30.55	Yes	\$65.23	\$34.68
208	18-Jul-10	12	10	\$32.39	Yes	\$65.23	\$32.84
209	18-Jul-10	12	11	\$32.39	Yes	\$65.23	\$32.84
210	18-Jul-10	12	12	\$33.32	Yes	\$65.23	\$31.91
211	18-Jul-10	13	1	\$29.50	Yes	\$65.23	\$35.73
212	18-Jul-10	13	2	\$29.97	Yes	\$65.23	\$35.26
213	18-Jul-10	13	3	\$29.74	Yes	\$65.23	\$35.49
214	18-Jul-10	13	4	\$29.82	Yes	\$65.23	\$35.41
215	18-Jul-10	13	5	\$30.81	Yes	\$65.23	\$34.42
216	18-Jul-10	13	6	\$31.63	Yes	\$65.23	\$33.60
217	18-Jul-10	13	7	\$32.32	Yes	\$65.23	\$32.91
218	18-Jul-10	13	8	\$33.13	Yes	\$65.23	\$32.10
219	18-Jul-10	13	9	\$33.47	Yes	\$65.23	\$31.76
220	18-Jul-10	13	10	\$39.26	Yes	\$65.23	\$25.97
221	18-Jul-10	13	11	\$40.25	Yes	\$65.23	\$24.98
222	18-Jul-10	13	12	\$40.25	Yes	\$65.23	\$24.98

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
223	18-Jul-10	14	1	\$32.32	Yes	\$65.23	\$32.91
224	18-Jul-10	14	2	\$32.32	Yes	\$65.23	\$32.91
225	18-Jul-10	14	3	\$33.64	Yes	\$65.23	\$31.59
226	18-Jul-10	14	4	\$39.26	Yes	\$65.23	\$25.97
227	18-Jul-10	14	5	\$39.26	Yes	\$65.23	\$25.97
228	18-Jul-10	14	6	\$39.26	Yes	\$65.23	\$25.97
229	18-Jul-10	14	7	\$40.57	Yes	\$65.23	\$24.66
230	18-Jul-10	14	8	\$41.62	Yes	\$65.23	\$23.61
231	18-Jul-10	14	9	\$43.08	Yes	\$65.23	\$22.15
232	18-Jul-10	14	10	\$43.59	Yes	\$65.23	\$21.64
233	18-Jul-10	14	11	\$43.59	Yes	\$65.23	\$21.64
234	18-Jul-10	14	12	\$43.43	Yes	\$65.23	\$21.80
235	18-Jul-10	15	1	\$42.58	Yes	\$65.23	\$22.65
236	18-Jul-10	15	2	\$42.62	Yes	\$65.23	\$22.61
237	18-Jul-10	15	3	\$42.62	Yes	\$65.23	\$22.61
238	18-Jul-10	15	4	\$43.59	Yes	\$65.23	\$21.64
239	18-Jul-10	15	5	\$44.34	Yes	\$65.23	\$20.89
240	18-Jul-10	15	6	\$44.92	Yes	\$65.23	\$20.31
241	18-Jul-10	15	7	\$44.85	Yes	\$65.23	\$20.38
242	18-Jul-10	15	8	\$44.99	Yes	\$65.23	\$20.24
243	18-Jul-10	15	9	\$44.99	Yes	\$65.23	\$20.24
244	18-Jul-10	15	10	\$45.07	Yes	\$65.23	\$20.16
245	18-Jul-10	15	11	\$45.72	Yes	\$65.23	\$19.51
246	18-Jul-10	15	12	\$45.72	Yes	\$65.23	\$19.51
247	18-Jul-10	16	1	\$44.91	Yes	\$65.23	\$20.32
248	18-Jul-10	16	2	\$44.91	Yes	\$65.23	\$20.32
249	18-Jul-10	16	3	\$44.91	Yes	\$65.23	\$20.32
250	18-Jul-10	16	4	\$45.26	Yes	\$65.23	\$19.97
251	18-Jul-10	16	5	\$45.51	Yes	\$65.23	\$19.72
252	18-Jul-10	16	6	\$46.05	Yes	\$65.23	\$19.18
253	18-Jul-10	16	7	\$45.47	Yes	\$65.23	\$19.76
254	18-Jul-10	16	8	\$45.56	Yes	\$65.23	\$19.67
255	18-Jul-10	16	9	\$46.36	Yes	\$65.23	\$18.87
256	18-Jul-10	16	10	\$46.15	Yes	\$65.23	\$19.08
257	18-Jul-10	16	11	\$46.31	Yes	\$65.23	\$18.92
258	18-Jul-10	16	12	\$46.31	Yes	\$65.23	\$18.92
259	18-Jul-10	16	12	\$46.31	Yes	\$76.17	\$29.86
260	18-Jul-10	17	1	\$45.51	Yes	\$76.17	\$30.66
261	18-Jul-10	17	1	\$45.51	Yes	\$65.23	\$19.72
262	18-Jul-10	17	2	\$45.13	Yes	\$76.17	\$31.04
263	18-Jul-10	17	2	\$45.13	Yes	\$65.23	\$20.10
264	18-Jul-10	17	3	\$45.13	Yes	\$76.17	\$31.04
265	18-Jul-10	17	3	\$45.13	Yes	\$65.23	\$20.10
266	18-Jul-10	17	4	\$46.08	Yes	\$65.23	\$19.15
267	18-Jul-10	17	4	\$46.08	Yes	\$76.17	\$30.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
268	18-Jul-10	17	5	\$46.08	Yes	\$65.23	\$19.15
269	18-Jul-10	17	5	\$46.08	Yes	\$76.17	\$30.09
270	18-Jul-10	17	6	\$45.23	Yes	\$65.23	\$20.00
271	18-Jul-10	17	6	\$45.23	Yes	\$76.17	\$30.94
272	18-Jul-10	17	7	\$45.20	Yes	\$65.23	\$20.03
273	18-Jul-10	17	7	\$45.20	Yes	\$76.17	\$30.97
274	18-Jul-10	17	8	\$46.00	Yes	\$65.23	\$19.23
275	18-Jul-10	17	8	\$46.00	Yes	\$76.17	\$30.17
276	18-Jul-10	17	9	\$46.00	Yes	\$76.17	\$30.17
277	18-Jul-10	17	9	\$46.00	Yes	\$65.23	\$19.23
278	18-Jul-10	17	10	\$44.92	Yes	\$65.23	\$20.31
279	18-Jul-10	17	10	\$44.92	Yes	\$76.17	\$31.25
280	18-Jul-10	17	11	\$44.92	Yes	\$76.17	\$31.25
281	18-Jul-10	17	11	\$44.92	Yes	\$65.23	\$20.31
282	18-Jul-10	17	12	\$45.00	Yes	\$65.23	\$20.23
283	18-Jul-10	17	12	\$45.00	Yes	\$76.17	\$31.17
284	18-Jul-10	18	1	\$45.74	Yes	\$65.23	\$19.49
285	18-Jul-10	18	1	\$45.74	Yes	\$76.17	\$30.43
286	18-Jul-10	18	2	\$47.80	Yes	\$65.23	\$17.43
287	18-Jul-10	18	2	\$47.80	Yes	\$76.17	\$28.37
288	18-Jul-10	18	3	\$46.86	Yes	\$65.23	\$18.37
289	18-Jul-10	18	3	\$46.86	Yes	\$76.17	\$29.31
290	18-Jul-10	18	4	\$45.88	Yes	\$65.23	\$19.35
291	18-Jul-10	18	4	\$45.88	Yes	\$76.17	\$30.29
292	18-Jul-10	18	5	\$45.88	Yes	\$76.17	\$30.29
293	18-Jul-10	18	5	\$45.88	Yes	\$65.23	\$19.35
294	18-Jul-10	18	6	\$45.88	Yes	\$76.17	\$30.29
295	18-Jul-10	18	6	\$45.88	Yes	\$65.23	\$19.35
296	18-Jul-10	18	7	\$45.84	Yes	\$65.23	\$19.39
297	18-Jul-10	18	7	\$45.84	Yes	\$76.17	\$30.33
298	18-Jul-10	18	8	\$45.64	Yes	\$65.23	\$19.59
299	18-Jul-10	18	8	\$45.64	Yes	\$76.17	\$30.53
300	18-Jul-10	18	9	\$45.91	Yes	\$65.23	\$19.32
301	18-Jul-10	18	9	\$45.91	Yes	\$76.17	\$30.26
302	18-Jul-10	18	10	\$44.47	Yes	\$76.17	\$31.70
303	18-Jul-10	18	10	\$44.47	Yes	\$65.23	\$20.76
304	18-Jul-10	18	11	\$44.47	Yes	\$76.17	\$31.70
305	18-Jul-10	18	11	\$44.47	Yes	\$65.23	\$20.76
306	18-Jul-10	18	12	\$44.47	Yes	\$76.17	\$31.70
307	18-Jul-10	18	12	\$44.47	Yes	\$65.23	\$20.76
308	18-Jul-10	19	1	\$42.21	Yes	\$76.17	\$33.96
309	18-Jul-10	19	1	\$42.21	Yes	\$65.23	\$23.02
310	18-Jul-10	19	2	\$42.21	Yes	\$76.17	\$33.96
311	18-Jul-10	19	2	\$42.21	Yes	\$65.23	\$23.02
312	18-Jul-10	19	3	\$42.21	Yes	\$76.17	\$33.96

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
313	18-Jul-10	19	3	\$42.21	Yes	\$65.23	\$23.02
314	18-Jul-10	19	4	\$42.70	Yes	\$76.17	\$33.47
315	18-Jul-10	19	4	\$42.70	Yes	\$65.23	\$22.53
316	18-Jul-10	19	5	\$42.23	Yes	\$76.17	\$33.94
317	18-Jul-10	19	5	\$42.23	Yes	\$65.23	\$23.00
318	18-Jul-10	19	6	\$42.23	Yes	\$76.17	\$33.94
319	18-Jul-10	19	6	\$42.23	Yes	\$65.23	\$23.00
320	18-Jul-10	19	7	\$42.19	Yes	\$76.17	\$33.98
321	18-Jul-10	19	7	\$42.19	Yes	\$65.23	\$23.04
322	18-Jul-10	19	8	\$42.19	Yes	\$76.17	\$33.98
323	18-Jul-10	19	8	\$42.19	Yes	\$65.23	\$23.04
324	18-Jul-10	19	9	\$42.10	Yes	\$76.17	\$34.07
325	18-Jul-10	19	9	\$42.10	Yes	\$65.23	\$23.13
326	18-Jul-10	19	10	\$42.07	Yes	\$76.17	\$34.10
327	18-Jul-10	19	10	\$42.07	Yes	\$65.23	\$23.16
328	18-Jul-10	19	11	\$41.47	Yes	\$76.17	\$34.70
329	18-Jul-10	19	11	\$41.47	Yes	\$65.23	\$23.76
330	18-Jul-10	19	12	\$41.83	Yes	\$76.17	\$34.34
331	18-Jul-10	19	12	\$41.83	Yes	\$65.23	\$23.40
332	18-Jul-10	20	1	\$41.54	Yes	\$65.61	\$24.07
333	18-Jul-10	20	1	\$41.54	Yes	\$65.23	\$23.69
334	18-Jul-10	20	2	\$41.50	Yes	\$65.23	\$23.73
335	18-Jul-10	20	2	\$41.50	Yes	\$65.61	\$24.11
336	18-Jul-10	20	3	\$41.24	Yes	\$65.23	\$23.99
337	18-Jul-10	20	3	\$41.24	Yes	\$65.61	\$24.37
338	18-Jul-10	20	4	\$41.20	Yes	\$65.61	\$24.41
339	18-Jul-10	20	4	\$41.20	Yes	\$65.23	\$24.03
340	18-Jul-10	20	5	\$40.89	Yes	\$65.23	\$24.34
341	18-Jul-10	20	5	\$40.89	Yes	\$65.61	\$24.72
342	18-Jul-10	20	6	\$39.71	Yes	\$65.23	\$25.52
343	18-Jul-10	20	6	\$39.71	Yes	\$65.61	\$25.90
344	18-Jul-10	20	7	\$39.84	Yes	\$65.23	\$25.39
345	18-Jul-10	20	7	\$39.84	Yes	\$65.61	\$25.77
346	18-Jul-10	20	8	\$39.84	Yes	\$65.23	\$25.39
347	18-Jul-10	20	8	\$39.84	Yes	\$65.61	\$25.77
348	18-Jul-10	20	9	\$38.86	Yes	\$65.23	\$26.37
349	18-Jul-10	20	9	\$38.86	Yes	\$65.61	\$26.75
350	18-Jul-10	20	10	\$32.93	Yes	\$65.23	\$32.30
351	18-Jul-10	20	10	\$32.93	Yes	\$65.61	\$32.68
352	18-Jul-10	20	11	\$33.07	Yes	\$65.23	\$32.16
353	18-Jul-10	20	11	\$33.07	Yes	\$65.61	\$32.54
354	18-Jul-10	20	12	\$38.92	Yes	\$65.23	\$26.31
355	18-Jul-10	20	12	\$38.92	Yes	\$65.61	\$26.69
356	18-Jul-10	21	1	\$39.68	Yes	\$65.23	\$25.55
357	18-Jul-10	21	1	\$39.68	Yes	\$76.17	\$36.49

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
358	18-Jul-10	21	2	\$40.06	Yes	\$76.17	\$36.11
359	18-Jul-10	21	2	\$40.06	Yes	\$65.23	\$25.17
360	18-Jul-10	21	3	\$40.06	Yes	\$65.23	\$25.17
361	18-Jul-10	21	3	\$40.06	Yes	\$76.17	\$36.11
362	18-Jul-10	21	4	\$41.56	Yes	\$65.23	\$23.67
363	18-Jul-10	21	4	\$41.56	Yes	\$76.17	\$34.61
364	18-Jul-10	21	5	\$41.87	Yes	\$65.23	\$23.36
365	18-Jul-10	21	5	\$41.87	Yes	\$76.17	\$34.30
366	18-Jul-10	21	6	\$42.09	Yes	\$65.23	\$23.14
367	18-Jul-10	21	6	\$42.09	Yes	\$76.17	\$34.08
368	18-Jul-10	21	7	\$41.94	Yes	\$65.23	\$23.29
369	18-Jul-10	21	7	\$41.94	Yes	\$76.17	\$34.23
370	18-Jul-10	21	8	\$41.75	Yes	\$65.23	\$23.48
371	18-Jul-10	21	8	\$41.75	Yes	\$76.17	\$34.42
372	18-Jul-10	21	9	\$41.72	Yes	\$76.17	\$34.45
373	18-Jul-10	21	9	\$41.72	Yes	\$65.23	\$23.51
374	18-Jul-10	21	10	\$41.52	Yes	\$65.23	\$23.71
375	18-Jul-10	21	10	\$41.52	Yes	\$76.17	\$34.65
376	18-Jul-10	21	11	\$41.52	Yes	\$76.17	\$34.65
377	18-Jul-10	21	11	\$41.52	Yes	\$65.23	\$23.71
378	18-Jul-10	21	12	\$40.11	Yes	\$76.17	\$36.06
379	18-Jul-10	21	12	\$40.11	Yes	\$65.23	\$25.12
380	18-Jul-10	22	1	\$43.67	Yes	\$65.23	\$21.56
381	18-Jul-10	22	1	\$43.67	Yes	\$76.17	\$32.50
382	18-Jul-10	22	2	\$42.63	Yes	\$76.17	\$33.54
383	18-Jul-10	22	2	\$42.63	Yes	\$65.23	\$22.60
384	18-Jul-10	22	3	\$40.96	Yes	\$65.23	\$24.27
385	18-Jul-10	22	3	\$40.96	Yes	\$76.17	\$35.21
386	18-Jul-10	22	4	\$42.48	Yes	\$65.23	\$22.75
387	18-Jul-10	22	4	\$42.48	Yes	\$76.17	\$33.69
388	18-Jul-10	22	5	\$42.31	Yes	\$65.23	\$22.92
389	18-Jul-10	22	5	\$42.31	Yes	\$76.17	\$33.86
390	18-Jul-10	22	6	\$40.71	Yes	\$65.23	\$24.52
391	18-Jul-10	22	6	\$40.71	Yes	\$76.17	\$35.46
392	18-Jul-10	22	7	\$39.36	Yes	\$65.23	\$25.87
393	18-Jul-10	22	7	\$39.36	Yes	\$76.17	\$36.81
394	18-Jul-10	22	8	\$38.91	Yes	\$65.23	\$26.32
395	18-Jul-10	22	8	\$38.91	Yes	\$76.17	\$37.26
396	18-Jul-10	22	9	\$32.20	Yes	\$76.17	\$43.97
397	18-Jul-10	22	9	\$32.20	Yes	\$65.23	\$33.03
398	18-Jul-10	22	10	\$31.00	Yes	\$65.23	\$34.23
399	18-Jul-10	22	10	\$31.00	Yes	\$76.17	\$45.17
400	18-Jul-10	22	11	\$30.41	Yes	\$65.23	\$34.82
401	18-Jul-10	22	11	\$30.41	Yes	\$76.17	\$45.76
402	18-Jul-10	22	12	\$30.41	Yes	\$65.23	\$34.82

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
403	18-Jul-10	22	12	\$30.41	Yes	\$76.17	\$45.76
404	18-Jul-10	23	1	\$41.53	Yes	\$65.23	\$23.70
405	18-Jul-10	23	2	\$39.46	Yes	\$65.23	\$25.77
406	18-Jul-10	23	3	\$39.00	Yes	\$65.23	\$26.23
407	18-Jul-10	23	4	\$33.14	Yes	\$65.23	\$32.09
408	18-Jul-10	23	5	\$32.21	Yes	\$65.23	\$33.02
409	18-Jul-10	23	6	\$32.21	Yes	\$65.23	\$33.02
410	18-Jul-10	23	7	\$32.00	Yes	\$65.23	\$33.23
411	18-Jul-10	23	8	\$30.21	Yes	\$65.23	\$35.02
412	18-Jul-10	23	9	\$29.74	Yes	\$65.23	\$35.49
413	18-Jul-10	23	10	\$29.25	Yes	\$65.23	\$35.98
414	18-Jul-10	23	11	\$25.53	Yes	\$65.23	\$39.70
415	18-Jul-10	23	12	\$24.97	Yes	\$65.23	\$40.26
416	18-Jul-10	24	1	\$39.07	Yes	\$65.23	\$26.16
417	18-Jul-10	24	2	\$39.07	Yes	\$65.23	\$26.16
418	18-Jul-10	24	3	\$38.88	Yes	\$65.23	\$26.35
419	18-Jul-10	24	4	\$38.89	Yes	\$65.23	\$26.34
420	18-Jul-10	24	5	\$34.16	Yes	\$65.23	\$31.07
421	18-Jul-10	24	6	\$32.15	Yes	\$65.23	\$33.08
422	18-Jul-10	24	7	\$31.82	Yes	\$65.23	\$33.41
423	18-Jul-10	24	8	\$29.73	Yes	\$65.23	\$35.50
424	18-Jul-10	24	9	\$26.64	Yes	\$65.23	\$38.59
425	18-Jul-10	24	10	\$26.31	Yes	\$65.23	\$38.92
426	18-Jul-10	24	11	\$26.68	Yes	\$65.23	\$38.55
427	18-Jul-10	24	12	\$26.31	Yes	\$65.23	\$38.92
428	19-Jul-10	1	1	\$30.52	Yes	\$70.23	\$39.71
429	19-Jul-10	1	2	\$29.57	Yes	\$70.23	\$40.66
430	19-Jul-10	1	3	\$29.57	Yes	\$70.23	\$40.66
431	19-Jul-10	1	4	\$29.57	Yes	\$70.23	\$40.66
432	19-Jul-10	1	5	\$28.79	Yes	\$70.23	\$41.44
433	19-Jul-10	1	6	\$15.01	Yes	\$70.23	\$55.22
434	19-Jul-10	1	7	\$15.18	Yes	\$70.23	\$55.05
435	19-Jul-10	1	8	\$15.05	Yes	\$70.23	\$55.18
436	19-Jul-10	1	9	\$15.04	Yes	\$70.23	\$55.19
437	19-Jul-10	1	10	\$22.61	Yes	\$70.23	\$47.62
438	19-Jul-10	1	11	\$14.89	Yes	\$70.23	\$55.34
439	19-Jul-10	1	12	\$14.89	Yes	\$70.23	\$55.34
440	19-Jul-10	2	1	\$29.62	Yes	\$70.23	\$40.61
441	19-Jul-10	2	2	\$29.38	Yes	\$70.23	\$40.85
442	19-Jul-10	2	3	\$29.64	Yes	\$70.23	\$40.59
443	19-Jul-10	2	4	\$30.49	Yes	\$70.23	\$39.74
444	19-Jul-10	2	5	\$29.80	Yes	\$70.23	\$40.43
445	19-Jul-10	2	6	\$27.25	Yes	\$70.23	\$42.98
446	19-Jul-10	2	7	\$29.68	Yes	\$70.23	\$40.55
447	19-Jul-10	2	8	\$29.68	Yes	\$70.23	\$40.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
448	19-Jul-10	2	9	\$25.05	Yes	\$70.23	\$45.18
449	19-Jul-10	2	10	\$25.14	Yes	\$70.23	\$45.09
450	19-Jul-10	2	11	\$24.40	Yes	\$70.23	\$45.83
451	19-Jul-10	2	12	\$22.82	Yes	\$70.23	\$47.41
452	19-Jul-10	3	1	\$29.74	Yes	\$75.23	\$45.49
453	19-Jul-10	3	2	\$29.61	Yes	\$75.23	\$45.62
454	19-Jul-10	3	3	\$29.61	Yes	\$75.23	\$45.62
455	19-Jul-10	3	4	\$29.41	Yes	\$75.23	\$45.82
456	19-Jul-10	3	5	\$28.92	Yes	\$75.23	\$46.31
457	19-Jul-10	3	6	\$28.92	Yes	\$75.23	\$46.31
458	19-Jul-10	3	7	\$28.91	Yes	\$75.23	\$46.32
459	19-Jul-10	3	8	\$22.82	Yes	\$75.23	\$52.41
460	19-Jul-10	3	9	\$22.82	Yes	\$75.23	\$52.41
461	19-Jul-10	3	10	\$15.19	Yes	\$75.23	\$60.04
462	19-Jul-10	3	11	\$18.17	Yes	\$75.23	\$57.06
463	19-Jul-10	3	12	\$15.19	Yes	\$75.23	\$60.04
464	19-Jul-10	4	1	\$28.90	Yes	\$75.23	\$46.33
465	19-Jul-10	4	2	\$28.90	Yes	\$75.23	\$46.33
466	19-Jul-10	4	3	\$29.57	Yes	\$75.23	\$45.66
467	19-Jul-10	4	4	\$28.88	Yes	\$75.23	\$46.35
468	19-Jul-10	4	5	\$28.88	Yes	\$75.23	\$46.35
469	19-Jul-10	4	6	\$28.88	Yes	\$75.23	\$46.35
470	19-Jul-10	4	7	\$28.88	Yes	\$75.23	\$46.35
471	19-Jul-10	4	8	\$28.89	Yes	\$75.23	\$46.34
472	19-Jul-10	4	9	\$28.89	Yes	\$75.23	\$46.34
473	19-Jul-10	4	10	\$28.90	Yes	\$75.23	\$46.33
474	19-Jul-10	4	11	\$28.90	Yes	\$75.23	\$46.33
475	19-Jul-10	4	12	\$28.90	Yes	\$75.23	\$46.33
476	19-Jul-10	5	1	\$29.18	Yes	\$75.23	\$46.05
477	19-Jul-10	5	2	\$29.18	Yes	\$75.23	\$46.05
478	19-Jul-10	5	3	\$29.58	Yes	\$75.23	\$45.65
479	19-Jul-10	5	4	\$29.35	Yes	\$75.23	\$45.88
480	19-Jul-10	5	5	\$29.33	Yes	\$75.23	\$45.90
481	19-Jul-10	5	6	\$29.20	Yes	\$75.23	\$46.03
482	19-Jul-10	5	7	\$29.59	Yes	\$75.23	\$45.64
483	19-Jul-10	5	8	\$29.71	Yes	\$75.23	\$45.52
484	19-Jul-10	5	9	\$29.71	Yes	\$75.23	\$45.52
485	19-Jul-10	5	10	\$30.29	Yes	\$75.23	\$44.94
486	19-Jul-10	5	11	\$30.25	Yes	\$75.23	\$44.98
487	19-Jul-10	5	12	\$31.68	Yes	\$75.23	\$43.55
488	19-Jul-10	6	1	\$27.19	Yes	\$70.23	\$43.04
489	19-Jul-10	6	2	\$24.88	Yes	\$70.23	\$45.35
490	19-Jul-10	6	3	\$29.23	Yes	\$70.23	\$41.00
491	19-Jul-10	6	4	\$29.23	Yes	\$70.23	\$41.00
492	19-Jul-10	6	5	\$29.51	Yes	\$70.23	\$40.72

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
493	19-Jul-10	6	6	\$29.71	Yes	\$70.23	\$40.52
494	19-Jul-10	6	7	\$29.73	Yes	\$70.23	\$40.50
495	19-Jul-10	6	8	\$29.92	Yes	\$70.23	\$40.31
496	19-Jul-10	6	9	\$30.34	Yes	\$70.23	\$39.89
497	19-Jul-10	6	10	\$32.22	Yes	\$70.23	\$38.01
498	19-Jul-10	6	11	\$32.22	Yes	\$70.23	\$38.01
499	19-Jul-10	6	12	\$40.06	Yes	\$70.23	\$30.17
500	19-Jul-10	7	1	\$16.04	Yes	\$70.23	\$54.19
501	19-Jul-10	7	2	\$0.01	Yes	\$70.23	\$70.22
502	19-Jul-10	7	3	\$29.41	Yes	\$70.23	\$40.82
503	19-Jul-10	7	4	\$0.01	Yes	\$70.23	\$70.22
504	19-Jul-10	7	5	\$1.03	Yes	\$70.23	\$69.20
505	19-Jul-10	7	6	\$15.26	Yes	\$70.23	\$54.97
506	19-Jul-10	7	7	\$28.29	Yes	\$70.23	\$41.94
507	19-Jul-10	7	8	\$29.42	Yes	\$70.23	\$40.81
508	19-Jul-10	7	9	\$29.95	Yes	\$70.23	\$40.28
509	19-Jul-10	7	10	\$31.52	Yes	\$70.23	\$38.71
510	19-Jul-10	7	11	\$32.18	Yes	\$70.23	\$38.05
511	19-Jul-10	7	12	\$35.65	Yes	\$70.23	\$34.58
512	19-Jul-10	8	1	\$15.55	Yes	\$70.23	\$54.68
513	19-Jul-10	8	2	\$23.28	Yes	\$70.23	\$46.95
514	19-Jul-10	8	3	\$28.46	Yes	\$70.23	\$41.77
515	19-Jul-10	8	4	\$29.24	Yes	\$70.23	\$40.99
516	19-Jul-10	8	5	\$30.87	Yes	\$70.23	\$39.36
517	19-Jul-10	8	6	\$32.42	Yes	\$70.23	\$37.81
518	19-Jul-10	8	7	\$32.21	Yes	\$70.23	\$38.02
519	19-Jul-10	8	8	\$32.21	Yes	\$70.23	\$38.02
520	19-Jul-10	8	9	\$32.21	Yes	\$70.23	\$38.02
521	19-Jul-10	8	10	\$33.26	Yes	\$70.23	\$36.97
522	19-Jul-10	8	11	\$35.28	Yes	\$70.23	\$34.95
523	19-Jul-10	8	12	\$35.52	Yes	\$70.23	\$34.71
524	19-Jul-10	9	1	\$31.78	Yes	\$70.23	\$38.45
525	19-Jul-10	9	2	\$28.89	Yes	\$70.23	\$41.34
526	19-Jul-10	9	3	\$28.89	Yes	\$70.23	\$41.34
527	19-Jul-10	9	4	\$32.72	Yes	\$70.23	\$37.51
528	19-Jul-10	9	5	\$32.94	Yes	\$70.23	\$37.29
529	19-Jul-10	9	6	\$34.29	Yes	\$70.23	\$35.94
530	19-Jul-10	9	7	\$34.71	Yes	\$70.23	\$35.52
531	19-Jul-10	9	8	\$35.75	Yes	\$70.23	\$34.48
532	19-Jul-10	9	9	\$36.94	Yes	\$70.23	\$33.29
533	19-Jul-10	9	10	\$37.95	Yes	\$70.23	\$32.28
534	19-Jul-10	9	11	\$39.05	Yes	\$70.23	\$31.18
535	19-Jul-10	9	12	\$39.11	Yes	\$70.23	\$31.12
536	19-Jul-10	10	1	\$32.48	Yes	\$70.23	\$37.75
537	19-Jul-10	10	2	\$38.92	Yes	\$70.23	\$31.31

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
538	19-Jul-10	10	3	\$39.15	Yes	\$70.23	\$31.08
539	19-Jul-10	10	4	\$39.19	Yes	\$70.23	\$31.04
540	19-Jul-10	10	5	\$36.54	Yes	\$70.23	\$33.69
541	19-Jul-10	10	6	\$39.19	Yes	\$70.23	\$31.04
542	19-Jul-10	10	7	\$39.63	Yes	\$70.23	\$30.60
543	19-Jul-10	10	8	\$40.62	Yes	\$70.23	\$29.61
544	19-Jul-10	10	9	\$40.59	Yes	\$70.23	\$29.64
545	19-Jul-10	10	10	\$40.79	Yes	\$70.23	\$29.44
546	19-Jul-10	10	11	\$42.17	Yes	\$70.23	\$28.06
547	19-Jul-10	10	12	\$42.17	Yes	\$70.23	\$28.06
548	19-Jul-10	11	1	\$41.55	Yes	\$70.23	\$28.68
549	19-Jul-10	11	2	\$41.47	Yes	\$70.23	\$28.76
550	19-Jul-10	11	3	\$41.47	Yes	\$70.23	\$28.76
551	19-Jul-10	11	4	\$42.03	Yes	\$70.23	\$28.20
552	19-Jul-10	11	5	\$42.05	Yes	\$70.23	\$28.18
553	19-Jul-10	11	6	\$42.35	Yes	\$70.23	\$27.88
554	19-Jul-10	11	7	\$41.65	Yes	\$70.23	\$28.58
555	19-Jul-10	11	8	\$42.30	Yes	\$70.23	\$27.93
556	19-Jul-10	11	9	\$42.50	Yes	\$70.23	\$27.73
557	19-Jul-10	11	10	\$42.79	Yes	\$70.23	\$27.44
558	19-Jul-10	11	11	\$43.30	Yes	\$70.23	\$26.93
559	19-Jul-10	11	12	\$43.13	Yes	\$70.23	\$27.10
560	19-Jul-10	12	1	\$42.93	Yes	\$70.23	\$27.30
561	19-Jul-10	12	2	\$42.93	Yes	\$70.23	\$27.30
562	19-Jul-10	12	3	\$42.93	Yes	\$70.23	\$27.30
563	19-Jul-10	12	4	\$43.43	Yes	\$70.23	\$26.80
564	19-Jul-10	12	5	\$44.79	Yes	\$70.23	\$25.44
565	19-Jul-10	12	6	\$49.25	Yes	\$70.23	\$20.98
566	19-Jul-10	12	7	\$46.88	Yes	\$70.23	\$23.35
567	19-Jul-10	12	8	\$48.83	Yes	\$70.23	\$21.40
568	19-Jul-10	12	9	\$49.64	Yes	\$70.23	\$20.59
569	19-Jul-10	12	10	\$48.94	Yes	\$70.23	\$21.29
570	19-Jul-10	12	11	\$51.37	Yes	\$70.23	\$18.86
571	19-Jul-10	12	12	\$52.55	Yes	\$70.23	\$17.68
572	19-Jul-10	13	1	\$44.36	Yes	\$60.23	\$15.87
573	19-Jul-10	13	2	\$44.71	Yes	\$60.23	\$15.52
574	19-Jul-10	13	3	\$45.77	Yes	\$60.23	\$14.46
575	19-Jul-10	13	4	\$46.20	Yes	\$60.23	\$14.03
576	19-Jul-10	13	5	\$47.32	Yes	\$66.17	\$18.85
577	19-Jul-10	13	5	\$47.32	Yes	\$60.23	\$12.91
578	19-Jul-10	13	6	\$46.20	Yes	\$60.23	\$14.03
579	19-Jul-10	13	6	\$46.20	Yes	\$66.17	\$19.97
580	19-Jul-10	13	7	\$44.14	Yes	\$60.23	\$16.09
581	19-Jul-10	13	7	\$44.14	Yes	\$66.17	\$22.03
582	19-Jul-10	13	8	\$44.14	Yes	\$60.23	\$16.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
583	19-Jul-10	13	8	\$44.14	Yes	\$66.17	\$22.03
584	19-Jul-10	13	9	\$43.82	Yes	\$60.23	\$16.41
585	19-Jul-10	13	9	\$43.82	Yes	\$66.17	\$22.35
586	19-Jul-10	13	10	\$44.20	Yes	\$60.23	\$16.03
587	19-Jul-10	13	10	\$44.20	Yes	\$66.17	\$21.97
588	19-Jul-10	13	11	\$45.23	Yes	\$60.23	\$15.00
589	19-Jul-10	13	11	\$45.23	Yes	\$66.17	\$20.94
590	19-Jul-10	13	12	\$47.63	Yes	\$60.23	\$12.60
591	19-Jul-10	13	12	\$47.63	Yes	\$66.17	\$18.54
592	19-Jul-10	14	1	\$43.44	Yes	\$66.17	\$22.73
593	19-Jul-10	14	1	\$43.44	Yes	\$60.23	\$16.79
594	19-Jul-10	14	2	\$41.13	Yes	\$60.23	\$19.10
595	19-Jul-10	14	2	\$41.13	Yes	\$66.17	\$25.04
596	19-Jul-10	14	3	\$42.55	Yes	\$60.23	\$17.68
597	19-Jul-10	14	3	\$42.55	Yes	\$66.17	\$23.62
598	19-Jul-10	14	4	\$42.75	Yes	\$60.23	\$17.48
599	19-Jul-10	14	4	\$42.75	Yes	\$66.17	\$23.42
600	19-Jul-10	14	5	\$45.26	Yes	\$60.23	\$14.97
601	19-Jul-10	14	5	\$45.26	Yes	\$66.17	\$20.91
602	19-Jul-10	14	6	\$44.33	Yes	\$60.23	\$15.90
603	19-Jul-10	14	6	\$44.33	Yes	\$66.17	\$21.84
604	19-Jul-10	14	7	\$44.26	Yes	\$60.23	\$15.97
605	19-Jul-10	14	7	\$44.26	Yes	\$66.17	\$21.91
606	19-Jul-10	14	8	\$45.20	Yes	\$60.23	\$15.03
607	19-Jul-10	14	8	\$45.20	Yes	\$66.17	\$20.97
608	19-Jul-10	14	9	\$45.94	Yes	\$66.17	\$20.23
609	19-Jul-10	14	9	\$45.94	Yes	\$60.23	\$14.29
610	19-Jul-10	14	10	\$46.20	Yes	\$60.23	\$14.03
611	19-Jul-10	14	10	\$46.20	Yes	\$93.14	\$46.94
612	19-Jul-10	14	11	\$46.38	Yes	\$93.14	\$46.76
613	19-Jul-10	14	11	\$46.38	Yes	\$60.23	\$13.85
614	19-Jul-10	14	12	\$46.99	Yes	\$60.23	\$13.24
615	19-Jul-10	14	12	\$46.99	Yes	\$93.14	\$46.15
616	19-Jul-10	15	1	\$46.01	Yes	\$93.14	\$47.13
617	19-Jul-10	15	1	\$46.01	Yes	\$60.23	\$14.22
618	19-Jul-10	15	2	\$46.70	Yes	\$60.23	\$13.53
619	19-Jul-10	15	2	\$46.70	Yes	\$93.14	\$46.44
620	19-Jul-10	15	3	\$46.86	Yes	\$60.23	\$13.37
621	19-Jul-10	15	3	\$46.86	Yes	\$93.14	\$46.28
622	19-Jul-10	15	4	\$46.80	Yes	\$60.23	\$13.43
623	19-Jul-10	15	4	\$46.80	Yes	\$93.14	\$46.34
624	19-Jul-10	15	5	\$46.80	Yes	\$93.14	\$46.34
625	19-Jul-10	15	5	\$46.80	Yes	\$60.23	\$13.43
626	19-Jul-10	15	6	\$47.80	Yes	\$60.23	\$12.43
627	19-Jul-10	15	6	\$47.80	Yes	\$93.14	\$45.34

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
628	19-Jul-10	15	7	\$47.80	Yes	\$60.23	\$12.43
629	19-Jul-10	15	7	\$47.80	Yes	\$93.14	\$45.34
630	19-Jul-10	15	8	\$47.19	Yes	\$60.23	\$13.04
631	19-Jul-10	15	8	\$47.19	Yes	\$93.14	\$45.95
632	19-Jul-10	15	9	\$47.19	Yes	\$60.23	\$13.04
633	19-Jul-10	15	9	\$47.19	Yes	\$93.14	\$45.95
634	19-Jul-10	15	10	\$47.09	Yes	\$93.14	\$46.05
635	19-Jul-10	15	10	\$47.09	Yes	\$60.23	\$13.14
636	19-Jul-10	15	11	\$46.78	Yes	\$60.23	\$13.45
637	19-Jul-10	15	11	\$46.78	Yes	\$93.14	\$46.36
638	19-Jul-10	15	12	\$46.55	Yes	\$60.23	\$13.68
639	19-Jul-10	15	12	\$46.55	Yes	\$93.14	\$46.59
640	19-Jul-10	16	1	\$45.69	Yes	\$93.14	\$47.45
641	19-Jul-10	16	1	\$45.69	Yes	\$60.23	\$14.54
642	19-Jul-10	16	2	\$46.09	Yes	\$60.23	\$14.14
643	19-Jul-10	16	2	\$46.09	Yes	\$93.14	\$47.05
644	19-Jul-10	16	3	\$46.16	Yes	\$60.23	\$14.07
645	19-Jul-10	16	3	\$46.16	Yes	\$93.14	\$46.98
646	19-Jul-10	16	4	\$46.54	Yes	\$60.23	\$13.69
647	19-Jul-10	16	4	\$46.54	Yes	\$93.14	\$46.60
648	19-Jul-10	16	5	\$46.54	Yes	\$60.23	\$13.69
649	19-Jul-10	16	5	\$46.54	Yes	\$93.14	\$46.60
650	19-Jul-10	16	6	\$47.77	Yes	\$60.23	\$12.46
651	19-Jul-10	16	6	\$47.77	Yes	\$93.14	\$45.37
652	19-Jul-10	16	7	\$48.04	Yes	\$93.14	\$45.10
653	19-Jul-10	16	7	\$48.04	Yes	\$60.23	\$12.19
654	19-Jul-10	16	8	\$48.20	Yes	\$60.23	\$12.03
655	19-Jul-10	16	8	\$48.20	Yes	\$93.14	\$44.94
656	19-Jul-10	16	9	\$48.04	Yes	\$60.23	\$12.19
657	19-Jul-10	16	9	\$48.04	Yes	\$93.14	\$45.10
658	19-Jul-10	16	10	\$48.20	Yes	\$93.14	\$44.94
659	19-Jul-10	16	10	\$48.20	Yes	\$60.23	\$12.03
660	19-Jul-10	16	11	\$48.08	Yes	\$60.23	\$12.15
661	19-Jul-10	16	11	\$48.08	Yes	\$93.14	\$45.06
662	19-Jul-10	16	12	\$47.02	Yes	\$93.14	\$46.12
663	19-Jul-10	16	12	\$47.02	Yes	\$60.23	\$13.21
664	19-Jul-10	17	1	\$46.79	Yes	\$93.14	\$46.35
665	19-Jul-10	17	1	\$46.79	Yes	\$60.23	\$13.44
666	19-Jul-10	17	2	\$46.79	Yes	\$60.23	\$13.44
667	19-Jul-10	17	2	\$46.79	Yes	\$93.14	\$46.35
668	19-Jul-10	17	3	\$46.79	Yes	\$93.14	\$46.35
669	19-Jul-10	17	3	\$46.79	Yes	\$60.23	\$13.44
670	19-Jul-10	17	4	\$46.57	Yes	\$93.14	\$46.57
671	19-Jul-10	17	4	\$46.57	Yes	\$60.23	\$13.66
672	19-Jul-10	17	5	\$46.57	Yes	\$93.14	\$46.57

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
673	19-Jul-10	17	5	\$46.57	Yes	\$60.23	\$13.66
674	19-Jul-10	17	6	\$46.57	Yes	\$60.23	\$13.66
675	19-Jul-10	17	6	\$46.57	Yes	\$93.14	\$46.57
676	19-Jul-10	17	7	\$46.56	Yes	\$60.23	\$13.67
677	19-Jul-10	17	7	\$46.56	Yes	\$93.14	\$46.58
678	19-Jul-10	17	8	\$46.92	Yes	\$60.23	\$13.31
679	19-Jul-10	17	8	\$46.92	Yes	\$93.14	\$46.22
680	19-Jul-10	17	9	\$47.17	Yes	\$60.23	\$13.06
681	19-Jul-10	17	9	\$47.17	Yes	\$93.14	\$45.97
682	19-Jul-10	17	10	\$46.91	Yes	\$60.23	\$13.32
683	19-Jul-10	17	10	\$46.91	Yes	\$93.14	\$46.23
684	19-Jul-10	17	11	\$46.91	Yes	\$60.23	\$13.32
685	19-Jul-10	17	11	\$46.91	Yes	\$93.14	\$46.23
686	19-Jul-10	17	12	\$46.81	Yes	\$60.23	\$13.42
687	19-Jul-10	17	12	\$46.81	Yes	\$93.14	\$46.33
688	19-Jul-10	18	1	\$47.17	Yes	\$93.14	\$45.97
689	19-Jul-10	18	1	\$47.17	Yes	\$60.23	\$13.06
690	19-Jul-10	18	2	\$47.98	Yes	\$60.23	\$12.25
691	19-Jul-10	18	2	\$47.98	Yes	\$93.14	\$45.16
692	19-Jul-10	18	3	\$47.17	Yes	\$60.23	\$13.06
693	19-Jul-10	18	3	\$47.17	Yes	\$93.14	\$45.97
694	19-Jul-10	18	4	\$47.08	Yes	\$60.23	\$13.15
695	19-Jul-10	18	4	\$47.08	Yes	\$93.14	\$46.06
696	19-Jul-10	18	5	\$46.96	Yes	\$93.14	\$46.18
697	19-Jul-10	18	5	\$46.96	Yes	\$60.23	\$13.27
698	19-Jul-10	18	6	\$46.26	Yes	\$60.23	\$13.97
699	19-Jul-10	18	6	\$46.26	Yes	\$93.14	\$46.88
700	19-Jul-10	18	7	\$45.88	Yes	\$60.23	\$14.35
701	19-Jul-10	18	7	\$45.88	Yes	\$93.14	\$47.26
702	19-Jul-10	18	8	\$46.07	Yes	\$60.23	\$14.16
703	19-Jul-10	18	8	\$46.07	Yes	\$93.14	\$47.07
704	19-Jul-10	18	9	\$45.30	Yes	\$60.23	\$14.93
705	19-Jul-10	18	9	\$45.30	Yes	\$93.14	\$47.84
706	19-Jul-10	18	10	\$43.86	Yes	\$60.23	\$16.37
707	19-Jul-10	18	10	\$43.86	Yes	\$93.14	\$49.28
708	19-Jul-10	18	11	\$43.91	Yes	\$93.14	\$49.23
709	19-Jul-10	18	11	\$43.91	Yes	\$60.23	\$16.32
710	19-Jul-10	18	12	\$45.05	Yes	\$60.23	\$15.18
711	19-Jul-10	18	12	\$45.05	Yes	\$93.14	\$48.09
712	19-Jul-10	19	1	\$45.49	Yes	\$60.23	\$14.74
713	19-Jul-10	19	1	\$45.49	Yes	\$93.14	\$47.65
714	19-Jul-10	19	2	\$45.49	Yes	\$60.23	\$14.74
715	19-Jul-10	19	2	\$45.49	Yes	\$93.14	\$47.65
716	19-Jul-10	19	3	\$44.46	Yes	\$60.23	\$15.77
717	19-Jul-10	19	3	\$44.46	Yes	\$93.14	\$48.68

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
718	19-Jul-10	19	4	\$44.51	Yes	\$93.14	\$48.63
719	19-Jul-10	19	4	\$44.51	Yes	\$60.23	\$15.72
720	19-Jul-10	19	5	\$47.66	Yes	\$60.23	\$12.57
721	19-Jul-10	19	5	\$47.66	Yes	\$93.14	\$45.48
722	19-Jul-10	19	6	\$44.51	Yes	\$93.14	\$48.63
723	19-Jul-10	19	6	\$44.51	Yes	\$60.23	\$15.72
724	19-Jul-10	19	7	\$43.19	Yes	\$60.23	\$17.04
725	19-Jul-10	19	7	\$43.19	Yes	\$93.14	\$49.95
726	19-Jul-10	19	8	\$42.42	Yes	\$60.23	\$17.81
727	19-Jul-10	19	8	\$42.42	Yes	\$93.14	\$50.72
728	19-Jul-10	19	9	\$42.42	Yes	\$60.23	\$17.81
729	19-Jul-10	19	9	\$42.42	Yes	\$93.14	\$50.72
730	19-Jul-10	19	10	\$36.72	Yes	\$60.23	\$23.51
731	19-Jul-10	19	10	\$36.72	Yes	\$93.14	\$56.42
732	19-Jul-10	19	11	\$42.11	Yes	\$93.14	\$51.03
733	19-Jul-10	19	11	\$42.11	Yes	\$60.23	\$18.12
734	19-Jul-10	19	12	\$38.29	Yes	\$93.14	\$54.85
735	19-Jul-10	19	12	\$38.29	Yes	\$60.23	\$21.94
736	19-Jul-10	20	1	\$41.46	Yes	\$93.14	\$51.68
737	19-Jul-10	20	1	\$41.46	Yes	\$60.23	\$18.77
738	19-Jul-10	20	2	\$42.03	Yes	\$60.23	\$18.20
739	19-Jul-10	20	2	\$42.03	Yes	\$93.14	\$51.11
740	19-Jul-10	20	3	\$38.33	Yes	\$93.14	\$54.81
741	19-Jul-10	20	3	\$38.33	Yes	\$60.23	\$21.90
742	19-Jul-10	20	4	\$36.86	Yes	\$60.23	\$23.37
743	19-Jul-10	20	4	\$36.86	Yes	\$93.14	\$56.28
744	19-Jul-10	20	5	\$36.15	Yes	\$93.14	\$56.99
745	19-Jul-10	20	5	\$36.15	Yes	\$60.23	\$24.08
746	19-Jul-10	20	6	\$35.57	Yes	\$93.14	\$57.57
747	19-Jul-10	20	6	\$35.57	Yes	\$60.23	\$24.66
748	19-Jul-10	20	7	\$35.40	Yes	\$60.23	\$24.83
749	19-Jul-10	20	7	\$35.40	Yes	\$93.14	\$57.74
750	19-Jul-10	20	8	\$32.87	Yes	\$93.14	\$60.27
751	19-Jul-10	20	8	\$32.87	Yes	\$60.23	\$27.36
752	19-Jul-10	20	9	\$32.05	Yes	\$60.23	\$28.18
753	19-Jul-10	20	9	\$32.05	Yes	\$93.14	\$61.09
754	19-Jul-10	20	10	\$32.08	Yes	\$93.14	\$61.06
755	19-Jul-10	20	10	\$32.08	Yes	\$60.23	\$28.15
756	19-Jul-10	20	11	\$32.53	Yes	\$93.14	\$60.61
757	19-Jul-10	20	11	\$32.53	Yes	\$60.23	\$27.70
758	19-Jul-10	20	12	\$32.53	Yes	\$60.23	\$27.70
759	19-Jul-10	20	12	\$32.53	Yes	\$93.14	\$60.61
760	19-Jul-10	21	1	\$33.96	Yes	\$60.23	\$26.27
761	19-Jul-10	21	2	\$32.96	Yes	\$60.23	\$27.27
762	19-Jul-10	21	3	\$35.23	Yes	\$60.23	\$25.00

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763	19-Jul-10	21	4	\$38.93	Yes	\$60.23	\$21.30
764	19-Jul-10	21	5	\$40.07	Yes	\$60.23	\$20.16
765	19-Jul-10	21	6	\$40.05	Yes	\$60.23	\$20.18
766	19-Jul-10	21	7	\$40.55	Yes	\$60.23	\$19.68
767	19-Jul-10	21	8	\$40.12	Yes	\$60.23	\$20.11
768	19-Jul-10	21	9	\$41.84	Yes	\$60.23	\$18.39
769	19-Jul-10	21	10	\$40.15	Yes	\$60.23	\$20.08
770	19-Jul-10	21	11	\$38.22	Yes	\$60.23	\$22.01
771	19-Jul-10	21	12	\$36.85	Yes	\$60.23	\$23.38
772	19-Jul-10	22	1	\$40.18	Yes	\$60.23	\$20.05
773	19-Jul-10	22	2	\$40.60	Yes	\$60.23	\$19.63
774	19-Jul-10	22	3	\$36.58	Yes	\$60.23	\$23.65
775	19-Jul-10	22	4	\$35.54	Yes	\$60.23	\$24.69
776	19-Jul-10	22	5	\$34.16	Yes	\$60.23	\$26.07
777	19-Jul-10	22	6	\$33.29	Yes	\$60.23	\$26.94
778	19-Jul-10	22	7	\$32.57	Yes	\$60.23	\$27.66
779	19-Jul-10	22	8	\$32.22	Yes	\$60.23	\$28.01
780	19-Jul-10	22	9	\$31.16	Yes	\$60.23	\$29.07
781	19-Jul-10	22	10	\$30.29	Yes	\$60.23	\$29.94
782	19-Jul-10	22	11	\$29.37	Yes	\$60.23	\$30.86
783	19-Jul-10	22	12	\$29.61	Yes	\$60.23	\$30.62
784	19-Jul-10	23	1	\$41.32	Yes	\$60.23	\$18.91
785	19-Jul-10	23	2	\$39.16	Yes	\$60.23	\$21.07
786	19-Jul-10	23	3	\$32.40	Yes	\$60.23	\$27.83
787	19-Jul-10	23	4	\$30.17	Yes	\$60.23	\$30.06
788	19-Jul-10	23	5	\$30.17	Yes	\$60.23	\$30.06
789	19-Jul-10	23	6	\$29.28	Yes	\$60.23	\$30.95
790	19-Jul-10	23	7	\$29.45	Yes	\$60.23	\$30.78
791	19-Jul-10	23	8	\$28.63	Yes	\$60.23	\$31.60
792	19-Jul-10	23	9	\$27.82	Yes	\$60.23	\$32.41
793	19-Jul-10	23	10	\$26.07	Yes	\$60.23	\$34.16
794	19-Jul-10	23	11	\$26.07	Yes	\$60.23	\$34.16
795	19-Jul-10	23	12	\$16.10	Yes	\$60.23	\$44.13
796	19-Jul-10	24	1	\$33.39	Yes	\$60.23	\$26.84
797	19-Jul-10	24	2	\$32.33	Yes	\$60.23	\$27.90
798	19-Jul-10	24	3	\$32.33	Yes	\$60.23	\$27.90
799	19-Jul-10	24	4	\$30.10	Yes	\$60.23	\$30.13
800	19-Jul-10	24	5	\$29.22	Yes	\$60.23	\$31.01
801	19-Jul-10	24	6	\$29.71	Yes	\$60.23	\$30.52
802	19-Jul-10	24	7	\$28.00	Yes	\$60.23	\$32.23
803	19-Jul-10	24	8	\$24.96	Yes	\$60.23	\$35.27
804	19-Jul-10	24	9	\$16.13	Yes	\$60.23	\$44.10
805	19-Jul-10	24	10	\$24.34	Yes	\$60.23	\$35.89
806	19-Jul-10	24	11	\$21.02	Yes	\$60.23	\$39.21
807	19-Jul-10	24	12	\$15.30	Yes	\$60.23	\$44.93

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808	20-Jul-10	1	1	\$38.13	Yes	\$67.95	\$29.82
809	20-Jul-10	1	2	\$28.54	Yes	\$67.95	\$39.41
810	20-Jul-10	1	3	\$27.41	Yes	\$67.95	\$40.54
811	20-Jul-10	1	4	\$28.43	Yes	\$67.95	\$39.52
812	20-Jul-10	1	5	\$27.43	Yes	\$67.95	\$40.52
813	20-Jul-10	1	6	\$27.43	Yes	\$67.95	\$40.52
814	20-Jul-10	1	7	\$25.54	Yes	\$67.95	\$42.41
815	20-Jul-10	1	8	\$16.06	Yes	\$67.95	\$51.89
816	20-Jul-10	1	9	\$14.77	Yes	\$67.95	\$53.18
817	20-Jul-10	1	10	\$21.76	Yes	\$67.95	\$46.19
818	20-Jul-10	1	11	\$21.76	Yes	\$67.95	\$46.19
819	20-Jul-10	1	12	\$21.76	Yes	\$67.95	\$46.19
820	20-Jul-10	2	1	\$28.65	Yes	\$67.95	\$39.30
821	20-Jul-10	2	2	\$28.06	Yes	\$67.95	\$39.89
822	20-Jul-10	2	3	\$27.55	Yes	\$67.95	\$40.40
823	20-Jul-10	2	4	\$28.66	Yes	\$67.95	\$39.29
824	20-Jul-10	2	5	\$28.30	Yes	\$67.95	\$39.65
825	20-Jul-10	2	6	\$27.42	Yes	\$67.95	\$40.53
826	20-Jul-10	2	7	\$26.98	Yes	\$67.95	\$40.97
827	20-Jul-10	2	8	\$26.65	Yes	\$67.95	\$41.30
828	20-Jul-10	2	9	\$21.76	Yes	\$67.95	\$46.19
829	20-Jul-10	2	10	\$16.12	Yes	\$67.95	\$51.83
830	20-Jul-10	2	11	\$21.76	Yes	\$67.95	\$46.19
831	20-Jul-10	2	12	\$21.76	Yes	\$67.95	\$46.19
832	20-Jul-10	3	1	\$21.43	Yes	\$67.95	\$46.52
833	20-Jul-10	3	2	\$21.73	Yes	\$67.95	\$46.22
834	20-Jul-10	3	3	\$21.43	Yes	\$67.95	\$46.52
835	20-Jul-10	3	4	\$21.41	Yes	\$67.95	\$46.54
836	20-Jul-10	3	5	\$21.41	Yes	\$67.95	\$46.54
837	20-Jul-10	3	6	\$21.41	Yes	\$67.95	\$46.54
838	20-Jul-10	3	7	\$21.40	Yes	\$67.95	\$46.55
839	20-Jul-10	3	8	\$27.09	Yes	\$67.95	\$40.86
840	20-Jul-10	3	9	\$24.72	Yes	\$67.95	\$43.23
841	20-Jul-10	3	10	\$21.42	Yes	\$67.95	\$46.53
842	20-Jul-10	3	11	\$21.67	Yes	\$67.95	\$46.28
843	20-Jul-10	3	12	\$21.42	Yes	\$67.95	\$46.53
844	20-Jul-10	4	1	\$21.41	Yes	\$67.95	\$46.54
845	20-Jul-10	4	2	\$21.41	Yes	\$67.95	\$46.54
846	20-Jul-10	4	3	\$21.41	Yes	\$67.95	\$46.54
847	20-Jul-10	4	4	\$21.41	Yes	\$67.95	\$46.54
848	20-Jul-10	4	5	\$21.41	Yes	\$67.95	\$46.54
849	20-Jul-10	4	6	\$21.41	Yes	\$67.95	\$46.54
850	20-Jul-10	4	7	\$21.40	Yes	\$67.95	\$46.55
851	20-Jul-10	4	8	\$21.40	Yes	\$67.95	\$46.55
852	20-Jul-10	4	9	\$21.40	Yes	\$67.95	\$46.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
853	20-Jul-10	4	10	\$21.40	Yes	\$67.95	\$46.55
854	20-Jul-10	4	11	\$21.40	Yes	\$67.95	\$46.55
855	20-Jul-10	4	12	\$21.40	Yes	\$67.95	\$46.55
856	20-Jul-10	5	1	\$12.62	Yes	\$67.95	\$55.33
857	20-Jul-10	5	2	\$16.03	Yes	\$67.95	\$51.92
858	20-Jul-10	5	3	\$17.61	Yes	\$67.95	\$50.34
859	20-Jul-10	5	4	\$16.08	Yes	\$67.95	\$51.87
860	20-Jul-10	5	5	\$16.08	Yes	\$67.95	\$51.87
861	20-Jul-10	5	6	\$17.64	Yes	\$67.95	\$50.31
862	20-Jul-10	5	7	\$21.56	Yes	\$67.95	\$46.39
863	20-Jul-10	5	8	\$21.56	Yes	\$67.95	\$46.39
864	20-Jul-10	5	9	\$21.56	Yes	\$67.95	\$46.39
865	20-Jul-10	5	10	\$14.06	Yes	\$67.95	\$53.89
866	20-Jul-10	5	11	\$21.56	Yes	\$67.95	\$46.39
867	20-Jul-10	5	12	\$21.56	Yes	\$67.95	\$46.39
868	20-Jul-10	6	1	\$21.59	Yes	\$67.95	\$46.36
869	20-Jul-10	6	2	\$26.59	Yes	\$67.95	\$41.36
870	20-Jul-10	6	3	\$26.89	Yes	\$67.95	\$41.06
871	20-Jul-10	6	4	\$21.57	Yes	\$67.95	\$46.38
872	20-Jul-10	6	5	\$21.57	Yes	\$67.95	\$46.38
873	20-Jul-10	6	6	\$21.57	Yes	\$67.95	\$46.38
874	20-Jul-10	6	7	\$28.02	Yes	\$67.95	\$39.93
875	20-Jul-10	6	8	\$28.74	Yes	\$67.95	\$39.21
876	20-Jul-10	6	9	\$28.72	Yes	\$67.95	\$39.23
877	20-Jul-10	6	10	\$28.81	Yes	\$67.95	\$39.14
878	20-Jul-10	6	11	\$28.93	Yes	\$67.95	\$39.02
879	20-Jul-10	6	12	\$28.93	Yes	\$67.95	\$39.02
880	20-Jul-10	7	1	\$16.02	Yes	\$67.95	\$51.93
881	20-Jul-10	7	2	\$14.56	Yes	\$67.95	\$53.39
882	20-Jul-10	7	3	\$16.02	Yes	\$67.95	\$51.93
883	20-Jul-10	7	4	\$15.99	Yes	\$67.95	\$51.96
884	20-Jul-10	7	5	\$20.19	Yes	\$67.95	\$47.76
885	20-Jul-10	7	6	\$23.25	Yes	\$67.95	\$44.70
886	20-Jul-10	7	7	\$28.20	Yes	\$67.95	\$39.75
887	20-Jul-10	7	8	\$26.06	Yes	\$67.95	\$41.89
888	20-Jul-10	7	9	\$26.89	Yes	\$67.95	\$41.06
889	20-Jul-10	7	10	\$28.88	Yes	\$67.95	\$39.07
890	20-Jul-10	7	11	\$28.90	Yes	\$67.95	\$39.05
891	20-Jul-10	7	12	\$30.00	Yes	\$67.95	\$37.95
892	20-Jul-10	8	1	\$0.01	Yes	\$67.95	\$67.94
893	20-Jul-10	8	2	-\$5.33	Yes	\$67.95	\$73.28
894	20-Jul-10	8	3	\$0.01	Yes	\$67.95	\$67.94
895	20-Jul-10	8	4	\$14.79	Yes	\$67.95	\$53.16
896	20-Jul-10	8	5	\$14.93	Yes	\$67.95	\$53.02
897	20-Jul-10	8	6	\$21.21	Yes	\$67.95	\$46.74

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
898	20-Jul-10	8	7	\$28.33	Yes	\$67.95	\$39.62
899	20-Jul-10	8	8	\$28.20	Yes	\$67.95	\$39.75
900	20-Jul-10	8	9	\$25.94	Yes	\$67.95	\$42.01
901	20-Jul-10	8	10	\$28.64	Yes	\$67.95	\$39.31
902	20-Jul-10	8	11	\$28.93	Yes	\$67.95	\$39.02
903	20-Jul-10	8	12	\$29.83	Yes	\$67.95	\$38.12
904	20-Jul-10	9	1	\$15.99	Yes	\$67.95	\$51.96
905	20-Jul-10	9	2	\$21.04	Yes	\$67.95	\$46.91
906	20-Jul-10	9	3	\$25.18	Yes	\$67.95	\$42.77
907	20-Jul-10	9	4	\$26.73	Yes	\$67.95	\$41.22
908	20-Jul-10	9	5	\$26.75	Yes	\$67.95	\$41.20
909	20-Jul-10	9	6	\$26.76	Yes	\$67.95	\$41.19
910	20-Jul-10	9	7	\$26.85	Yes	\$67.95	\$41.10
911	20-Jul-10	9	8	\$28.27	Yes	\$67.95	\$39.68
912	20-Jul-10	9	9	\$28.28	Yes	\$67.95	\$39.67
913	20-Jul-10	9	10	\$29.12	Yes	\$67.95	\$38.83
914	20-Jul-10	9	11	\$29.35	Yes	\$67.95	\$38.60
915	20-Jul-10	9	12	\$29.35	Yes	\$67.95	\$38.60
916	20-Jul-10	10	1	\$26.73	Yes	\$67.95	\$41.22
917	20-Jul-10	10	2	\$28.17	Yes	\$67.95	\$39.78
918	20-Jul-10	10	3	\$28.84	Yes	\$67.95	\$39.11
919	20-Jul-10	10	4	\$27.39	Yes	\$67.95	\$40.56
920	20-Jul-10	10	5	\$28.30	Yes	\$67.95	\$39.65
921	20-Jul-10	10	6	\$29.16	Yes	\$67.95	\$38.79
922	20-Jul-10	10	7	\$29.43	Yes	\$67.95	\$38.52
923	20-Jul-10	10	8	\$29.43	Yes	\$67.95	\$38.52
924	20-Jul-10	10	9	\$30.03	Yes	\$67.95	\$37.92
925	20-Jul-10	10	10	\$31.51	Yes	\$67.95	\$36.44
926	20-Jul-10	10	11	\$31.51	Yes	\$67.95	\$36.44
927	20-Jul-10	10	12	\$31.51	Yes	\$67.95	\$36.44
928	20-Jul-10	11	1	\$29.17	Yes	\$67.95	\$38.78
929	20-Jul-10	11	2	\$29.82	Yes	\$67.95	\$38.13
930	20-Jul-10	11	3	\$30.45	Yes	\$71.84	\$41.39
931	20-Jul-10	11	3	\$30.45	Yes	\$67.95	\$37.50
932	20-Jul-10	11	4	\$29.75	Yes	\$71.84	\$42.09
933	20-Jul-10	11	4	\$29.75	Yes	\$67.95	\$38.20
934	20-Jul-10	11	5	\$31.57	Yes	\$67.95	\$36.38
935	20-Jul-10	11	5	\$31.57	Yes	\$71.84	\$40.27
936	20-Jul-10	11	6	\$31.60	Yes	\$67.95	\$36.35
937	20-Jul-10	11	6	\$31.60	Yes	\$71.84	\$40.24
938	20-Jul-10	11	7	\$31.93	Yes	\$67.95	\$36.02
939	20-Jul-10	11	7	\$31.93	Yes	\$71.84	\$39.91
940	20-Jul-10	11	8	\$32.43	Yes	\$71.84	\$39.41
941	20-Jul-10	11	8	\$32.43	Yes	\$67.95	\$35.52
942	20-Jul-10	11	9	\$32.43	Yes	\$67.95	\$35.52

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
943	20-Jul-10	11	9	\$32.43	Yes	\$71.84	\$39.41
944	20-Jul-10	11	10	\$32.94	Yes	\$71.84	\$38.90
945	20-Jul-10	11	10	\$32.94	Yes	\$67.95	\$35.01
946	20-Jul-10	11	11	\$33.16	Yes	\$71.84	\$38.68
947	20-Jul-10	11	11	\$33.16	Yes	\$67.95	\$34.79
948	20-Jul-10	11	12	\$35.08	Yes	\$67.95	\$32.87
949	20-Jul-10	11	12	\$35.08	Yes	\$71.84	\$36.76
950	20-Jul-10	12	1	\$34.70	Yes	\$71.84	\$37.14
951	20-Jul-10	12	1	\$34.70	Yes	\$67.95	\$33.25
952	20-Jul-10	12	2	\$36.25	Yes	\$67.95	\$31.70
953	20-Jul-10	12	2	\$36.25	Yes	\$71.84	\$35.59
954	20-Jul-10	12	3	\$37.59	Yes	\$71.84	\$34.25
955	20-Jul-10	12	3	\$37.59	Yes	\$67.95	\$30.36
956	20-Jul-10	12	4	\$37.41	Yes	\$71.84	\$34.43
957	20-Jul-10	12	4	\$37.41	Yes	\$67.95	\$30.54
958	20-Jul-10	12	5	\$40.46	Yes	\$71.84	\$31.38
959	20-Jul-10	12	5	\$40.46	Yes	\$67.95	\$27.49
960	20-Jul-10	12	6	\$38.09	Yes	\$71.84	\$33.75
961	20-Jul-10	12	6	\$38.09	Yes	\$67.95	\$29.86
962	20-Jul-10	12	7	\$39.27	Yes	\$71.84	\$32.57
963	20-Jul-10	12	7	\$39.27	Yes	\$67.95	\$28.68
964	20-Jul-10	12	8	\$39.32	Yes	\$71.84	\$32.52
965	20-Jul-10	12	8	\$39.32	Yes	\$67.95	\$28.63
966	20-Jul-10	12	9	\$39.95	Yes	\$67.95	\$28.00
967	20-Jul-10	12	9	\$39.95	Yes	\$71.84	\$31.89
968	20-Jul-10	12	10	\$41.73	Yes	\$71.84	\$30.11
969	20-Jul-10	12	10	\$41.73	Yes	\$67.95	\$26.22
970	20-Jul-10	12	11	\$41.87	Yes	\$71.84	\$29.97
971	20-Jul-10	12	11	\$41.87	Yes	\$67.95	\$26.08
972	20-Jul-10	12	12	\$42.28	Yes	\$71.84	\$29.56
973	20-Jul-10	12	12	\$42.28	Yes	\$67.95	\$25.67
974	20-Jul-10	13	1	\$33.14	Yes	\$67.95	\$34.81
975	20-Jul-10	13	1	\$33.14	Yes	\$71.84	\$38.70
976	20-Jul-10	13	2	\$33.14	Yes	\$67.95	\$34.81
977	20-Jul-10	13	2	\$33.14	Yes	\$71.84	\$38.70
978	20-Jul-10	13	3	\$33.14	Yes	\$71.84	\$38.70
979	20-Jul-10	13	3	\$33.14	Yes	\$67.95	\$34.81
980	20-Jul-10	13	4	\$33.37	Yes	\$71.84	\$38.47
981	20-Jul-10	13	4	\$33.37	Yes	\$67.95	\$34.58
982	20-Jul-10	13	5	\$34.28	Yes	\$71.84	\$37.56
983	20-Jul-10	13	5	\$34.28	Yes	\$67.95	\$33.67
984	20-Jul-10	13	6	\$38.03	Yes	\$67.95	\$29.92
985	20-Jul-10	13	6	\$38.03	Yes	\$71.84	\$33.81
986	20-Jul-10	13	7	\$39.97	Yes	\$67.95	\$27.98
987	20-Jul-10	13	7	\$39.97	Yes	\$71.84	\$31.87

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
988	20-Jul-10	13	8	\$40.31	Yes	\$67.95	\$27.64
989	20-Jul-10	13	8	\$40.31	Yes	\$71.84	\$31.53
990	20-Jul-10	13	9	\$42.26	Yes	\$71.84	\$29.58
991	20-Jul-10	13	9	\$42.26	Yes	\$67.95	\$25.69
992	20-Jul-10	13	10	\$42.56	Yes	\$67.95	\$25.39
993	20-Jul-10	13	10	\$42.56	Yes	\$71.84	\$29.28
994	20-Jul-10	13	11	\$43.34	Yes	\$71.84	\$28.50
995	20-Jul-10	13	11	\$43.34	Yes	\$67.95	\$24.61
996	20-Jul-10	13	12	\$71.56	Yes	\$71.84	\$0.28
997	20-Jul-10	13	12	\$71.56	Yes	\$67.95	-\$3.61
998	20-Jul-10	14	1	\$34.39	Yes	\$71.84	\$37.45
999	20-Jul-10	14	1	\$34.39	Yes	\$67.95	\$33.56
1000	20-Jul-10	14	2	\$34.92	Yes	\$67.95	\$33.03
1001	20-Jul-10	14	2	\$34.92	Yes	\$90.70	\$55.78
1002	20-Jul-10	14	3	\$35.43	Yes	\$67.95	\$32.52
1003	20-Jul-10	14	3	\$35.43	Yes	\$90.70	\$55.27
1004	20-Jul-10	14	4	\$35.88	Yes	\$67.95	\$32.07
1005	20-Jul-10	14	4	\$35.88	Yes	\$90.70	\$54.82
1006	20-Jul-10	14	5	\$37.99	Yes	\$90.70	\$52.71
1007	20-Jul-10	14	5	\$37.99	Yes	\$67.95	\$29.96
1008	20-Jul-10	14	6	\$37.99	Yes	\$67.95	\$29.96
1009	20-Jul-10	14	6	\$37.99	Yes	\$90.70	\$52.71
1010	20-Jul-10	14	7	\$41.32	Yes	\$90.70	\$49.38
1011	20-Jul-10	14	7	\$41.32	Yes	\$67.95	\$26.63
1012	20-Jul-10	14	8	\$42.23	Yes	\$90.70	\$48.47
1013	20-Jul-10	14	8	\$42.23	Yes	\$67.95	\$25.72
1014	20-Jul-10	14	9	\$43.09	Yes	\$90.70	\$47.61
1015	20-Jul-10	14	9	\$43.09	Yes	\$67.95	\$24.86
1016	20-Jul-10	14	10	\$43.12	Yes	\$90.70	\$47.58
1017	20-Jul-10	14	10	\$43.12	Yes	\$67.95	\$24.83
1018	20-Jul-10	14	11	\$42.28	Yes	\$67.95	\$25.67
1019	20-Jul-10	14	11	\$42.28	Yes	\$90.70	\$48.42
1020	20-Jul-10	14	12	\$42.28	Yes	\$67.95	\$25.67
1021	20-Jul-10	14	12	\$42.28	Yes	\$90.70	\$48.42
1022	20-Jul-10	15	1	\$40.81	Yes	\$90.70	\$49.89
1023	20-Jul-10	15	1	\$40.81	Yes	\$67.95	\$27.14
1024	20-Jul-10	15	2	\$39.93	Yes	\$67.95	\$28.02
1025	20-Jul-10	15	2	\$39.93	Yes	\$90.70	\$50.77
1026	20-Jul-10	15	3	\$41.51	Yes	\$67.95	\$26.44
1027	20-Jul-10	15	3	\$41.51	Yes	\$90.70	\$49.19
1028	20-Jul-10	15	4	\$37.75	Yes	\$90.70	\$52.95
1029	20-Jul-10	15	4	\$37.75	Yes	\$67.95	\$30.20
1030	20-Jul-10	15	5	\$39.56	Yes	\$90.70	\$51.14
1031	20-Jul-10	15	5	\$39.56	Yes	\$67.95	\$28.39
1032	20-Jul-10	15	6	\$42.98	Yes	\$90.70	\$47.72

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1033	20-Jul-10	15	6	\$42.98	Yes	\$67.95	\$24.97
1034	20-Jul-10	15	7	\$41.94	Yes	\$90.70	\$48.76
1035	20-Jul-10	15	7	\$41.94	Yes	\$67.95	\$26.01
1036	20-Jul-10	15	8	\$48.97	Yes	\$90.70	\$41.73
1037	20-Jul-10	15	8	\$48.97	Yes	\$67.95	\$18.98
1038	20-Jul-10	15	9	\$47.21	Yes	\$90.70	\$43.49
1039	20-Jul-10	15	9	\$47.21	Yes	\$67.95	\$20.74
1040	20-Jul-10	15	10	\$43.10	Yes	\$90.70	\$47.60
1041	20-Jul-10	15	10	\$43.10	Yes	\$67.95	\$24.85
1042	20-Jul-10	15	11	\$41.99	Yes	\$67.95	\$25.96
1043	20-Jul-10	15	11	\$41.99	Yes	\$90.70	\$48.71
1044	20-Jul-10	15	12	\$42.05	Yes	\$90.70	\$48.65
1045	20-Jul-10	15	12	\$42.05	Yes	\$67.95	\$25.90
1046	20-Jul-10	16	1	\$39.41	Yes	\$90.70	\$51.29
1047	20-Jul-10	16	1	\$39.41	Yes	\$67.95	\$28.54
1048	20-Jul-10	16	2	\$38.06	Yes	\$90.70	\$52.64
1049	20-Jul-10	16	2	\$38.06	Yes	\$67.95	\$29.89
1050	20-Jul-10	16	3	\$40.67	Yes	\$90.70	\$50.03
1051	20-Jul-10	16	3	\$40.67	Yes	\$67.95	\$27.28
1052	20-Jul-10	16	4	\$41.53	Yes	\$67.95	\$26.42
1053	20-Jul-10	16	4	\$41.53	Yes	\$90.70	\$49.17
1054	20-Jul-10	16	5	\$41.31	Yes	\$67.95	\$26.64
1055	20-Jul-10	16	5	\$41.31	Yes	\$90.70	\$49.39
1056	20-Jul-10	16	6	\$41.43	Yes	\$67.95	\$26.52
1057	20-Jul-10	16	6	\$41.43	Yes	\$90.70	\$49.27
1058	20-Jul-10	16	7	\$41.38	Yes	\$67.95	\$26.57
1059	20-Jul-10	16	7	\$41.38	Yes	\$90.70	\$49.32
1060	20-Jul-10	16	8	\$41.49	Yes	\$67.95	\$26.46
1061	20-Jul-10	16	8	\$41.49	Yes	\$90.70	\$49.21
1062	20-Jul-10	16	9	\$41.41	Yes	\$90.70	\$49.29
1063	20-Jul-10	16	9	\$41.41	Yes	\$67.95	\$26.54
1064	20-Jul-10	16	10	\$41.04	Yes	\$90.70	\$49.66
1065	20-Jul-10	16	10	\$41.04	Yes	\$67.95	\$26.91
1066	20-Jul-10	16	11	\$41.40	Yes	\$67.95	\$26.55
1067	20-Jul-10	16	11	\$41.40	Yes	\$90.70	\$49.30
1068	20-Jul-10	16	12	\$41.84	Yes	\$90.70	\$48.86
1069	20-Jul-10	16	12	\$41.84	Yes	\$67.95	\$26.11
1070	20-Jul-10	17	1	\$41.87	Yes	\$67.95	\$26.08
1071	20-Jul-10	17	1	\$41.87	Yes	\$90.70	\$48.83
1072	20-Jul-10	17	2	\$42.22	Yes	\$90.70	\$48.48
1073	20-Jul-10	17	2	\$42.22	Yes	\$67.95	\$25.73
1074	20-Jul-10	17	3	\$41.83	Yes	\$67.95	\$26.12
1075	20-Jul-10	17	3	\$41.83	Yes	\$90.70	\$48.87
1076	20-Jul-10	17	4	\$41.00	Yes	\$90.70	\$49.70
1077	20-Jul-10	17	4	\$41.00	Yes	\$67.95	\$26.95

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1078	20-Jul-10	17	5	\$41.32	Yes	\$90.70	\$49.38
1079	20-Jul-10	17	5	\$41.32	Yes	\$67.95	\$26.63
1080	20-Jul-10	17	6	\$41.34	Yes	\$67.95	\$26.61
1081	20-Jul-10	17	6	\$41.34	Yes	\$90.70	\$49.36
1082	20-Jul-10	17	7	\$41.34	Yes	\$67.95	\$26.61
1083	20-Jul-10	17	7	\$41.34	Yes	\$90.70	\$49.36
1084	20-Jul-10	17	8	\$41.39	Yes	\$67.95	\$26.56
1085	20-Jul-10	17	8	\$41.39	Yes	\$90.70	\$49.31
1086	20-Jul-10	17	9	\$41.28	Yes	\$90.70	\$49.42
1087	20-Jul-10	17	9	\$41.28	Yes	\$67.95	\$26.67
1088	20-Jul-10	17	10	\$41.38	Yes	\$90.70	\$49.32
1089	20-Jul-10	17	10	\$41.38	Yes	\$67.95	\$26.57
1090	20-Jul-10	17	11	\$40.86	Yes	\$67.95	\$27.09
1091	20-Jul-10	17	11	\$40.86	Yes	\$90.70	\$49.84
1092	20-Jul-10	17	12	\$40.02	Yes	\$67.95	\$27.93
1093	20-Jul-10	17	12	\$40.02	Yes	\$90.70	\$50.68
1094	20-Jul-10	18	1	\$42.82	Yes	\$90.70	\$47.88
1095	20-Jul-10	18	1	\$42.82	Yes	\$67.95	\$25.13
1096	20-Jul-10	18	2	\$42.05	Yes	\$90.70	\$48.65
1097	20-Jul-10	18	2	\$42.05	Yes	\$67.95	\$25.90
1098	20-Jul-10	18	3	\$42.05	Yes	\$90.70	\$48.65
1099	20-Jul-10	18	3	\$42.05	Yes	\$67.95	\$25.90
1100	20-Jul-10	18	4	\$41.83	Yes	\$90.70	\$48.87
1101	20-Jul-10	18	4	\$41.83	Yes	\$67.95	\$26.12
1102	20-Jul-10	18	5	\$41.58	Yes	\$90.70	\$49.12
1103	20-Jul-10	18	5	\$41.58	Yes	\$67.95	\$26.37
1104	20-Jul-10	18	6	\$41.33	Yes	\$90.70	\$49.37
1105	20-Jul-10	18	6	\$41.33	Yes	\$67.95	\$26.62
1106	20-Jul-10	18	7	\$41.18	Yes	\$67.95	\$26.77
1107	20-Jul-10	18	7	\$41.18	Yes	\$90.70	\$49.52
1108	20-Jul-10	18	8	\$41.01	Yes	\$90.70	\$49.69
1109	20-Jul-10	18	8	\$41.01	Yes	\$67.95	\$26.94
1110	20-Jul-10	18	9	\$41.41	Yes	\$90.70	\$49.29
1111	20-Jul-10	18	9	\$41.41	Yes	\$67.95	\$26.54
1112	20-Jul-10	18	10	\$40.83	Yes	\$67.95	\$27.12
1113	20-Jul-10	18	10	\$40.83	Yes	\$90.70	\$49.87
1114	20-Jul-10	18	11	\$40.25	Yes	\$90.70	\$50.45
1115	20-Jul-10	18	11	\$40.25	Yes	\$67.95	\$27.70
1116	20-Jul-10	18	12	\$37.82	Yes	\$67.95	\$30.13
1117	20-Jul-10	18	12	\$37.82	Yes	\$90.70	\$52.88
1118	20-Jul-10	19	1	\$42.69	Yes	\$67.95	\$25.26
1119	20-Jul-10	19	1	\$42.69	Yes	\$90.70	\$48.01
1120	20-Jul-10	19	2	\$41.68	Yes	\$67.95	\$26.27
1121	20-Jul-10	19	2	\$41.68	Yes	\$90.70	\$49.02
1122	20-Jul-10	19	3	\$39.47	Yes	\$90.70	\$51.23

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1123	20-Jul-10	19	3	\$39.47	Yes	\$67.95	\$28.48
1124	20-Jul-10	19	4	\$37.71	Yes	\$90.70	\$52.99
1125	20-Jul-10	19	4	\$37.71	Yes	\$67.95	\$30.24
1126	20-Jul-10	19	5	\$39.59	Yes	\$67.95	\$28.36
1127	20-Jul-10	19	5	\$39.59	Yes	\$90.70	\$51.11
1128	20-Jul-10	19	6	\$37.86	Yes	\$67.95	\$30.09
1129	20-Jul-10	19	6	\$37.86	Yes	\$90.70	\$52.84
1130	20-Jul-10	19	7	\$37.87	Yes	\$90.70	\$52.83
1131	20-Jul-10	19	7	\$37.87	Yes	\$67.95	\$30.08
1132	20-Jul-10	19	8	\$37.69	Yes	\$67.95	\$30.26
1133	20-Jul-10	19	8	\$37.69	Yes	\$90.70	\$53.01
1134	20-Jul-10	19	9	\$37.28	Yes	\$90.70	\$53.42
1135	20-Jul-10	19	9	\$37.28	Yes	\$67.95	\$30.67
1136	20-Jul-10	19	10	\$32.70	Yes	\$90.70	\$58.00
1137	20-Jul-10	19	10	\$32.70	Yes	\$67.95	\$35.25
1138	20-Jul-10	19	11	\$33.33	Yes	\$90.70	\$57.37
1139	20-Jul-10	19	11	\$33.33	Yes	\$67.95	\$34.62
1140	20-Jul-10	19	12	\$33.33	Yes	\$90.70	\$57.37
1141	20-Jul-10	19	12	\$33.33	Yes	\$67.95	\$34.62
1142	20-Jul-10	20	1	\$33.31	Yes	\$74.85	\$41.54
1143	20-Jul-10	20	1	\$33.31	Yes	\$67.95	\$34.64
1144	20-Jul-10	20	2	\$35.13	Yes	\$74.85	\$39.72
1145	20-Jul-10	20	2	\$35.13	Yes	\$67.95	\$32.82
1146	20-Jul-10	20	3	\$32.53	Yes	\$67.95	\$35.42
1147	20-Jul-10	20	3	\$32.53	Yes	\$74.85	\$42.32
1148	20-Jul-10	20	4	\$31.45	Yes	\$67.95	\$36.50
1149	20-Jul-10	20	4	\$31.45	Yes	\$74.85	\$43.40
1150	20-Jul-10	20	5	\$31.32	Yes	\$67.95	\$36.63
1151	20-Jul-10	20	5	\$31.32	Yes	\$74.85	\$43.53
1152	20-Jul-10	20	6	\$30.40	Yes	\$74.85	\$44.45
1153	20-Jul-10	20	6	\$30.40	Yes	\$67.95	\$37.55
1154	20-Jul-10	20	7	\$30.52	Yes	\$67.95	\$37.43
1155	20-Jul-10	20	7	\$30.52	Yes	\$74.85	\$44.33
1156	20-Jul-10	20	8	\$31.05	Yes	\$74.85	\$43.80
1157	20-Jul-10	20	8	\$31.05	Yes	\$67.95	\$36.90
1158	20-Jul-10	20	9	\$31.02	Yes	\$74.85	\$43.83
1159	20-Jul-10	20	9	\$31.02	Yes	\$67.95	\$36.93
1160	20-Jul-10	20	10	\$31.02	Yes	\$67.95	\$36.93
1161	20-Jul-10	20	10	\$31.02	Yes	\$74.85	\$43.83
1162	20-Jul-10	20	11	\$30.29	Yes	\$67.95	\$37.66
1163	20-Jul-10	20	11	\$30.29	Yes	\$74.85	\$44.56
1164	20-Jul-10	20	12	\$30.29	Yes	\$67.95	\$37.66
1165	20-Jul-10	20	12	\$30.29	Yes	\$74.85	\$44.56
1166	20-Jul-10	21	1	\$31.37	Yes	\$90.70	\$59.33
1167	20-Jul-10	21	1	\$31.37	Yes	\$67.95	\$36.58

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1168	20-Jul-10	21	2	\$31.37	Yes	\$90.70	\$59.33
1169	20-Jul-10	21	2	\$31.37	Yes	\$67.95	\$36.58
1170	20-Jul-10	21	3	\$31.04	Yes	\$67.95	\$36.91
1171	20-Jul-10	21	3	\$31.04	Yes	\$90.70	\$59.66
1172	20-Jul-10	21	4	\$30.69	Yes	\$67.95	\$37.26
1173	20-Jul-10	21	4	\$30.69	Yes	\$90.70	\$60.01
1174	20-Jul-10	21	5	\$31.27	Yes	\$67.95	\$36.68
1175	20-Jul-10	21	5	\$31.27	Yes	\$90.70	\$59.43
1176	20-Jul-10	21	6	\$31.27	Yes	\$90.70	\$59.43
1177	20-Jul-10	21	6	\$31.27	Yes	\$67.95	\$36.68
1178	20-Jul-10	21	7	\$31.40	Yes	\$67.95	\$36.55
1179	20-Jul-10	21	7	\$31.40	Yes	\$90.70	\$59.30
1180	20-Jul-10	21	8	\$31.38	Yes	\$90.70	\$59.32
1181	20-Jul-10	21	8	\$31.38	Yes	\$67.95	\$36.57
1182	20-Jul-10	21	9	\$31.38	Yes	\$67.95	\$36.57
1183	20-Jul-10	21	9	\$31.38	Yes	\$90.70	\$59.32
1184	20-Jul-10	21	10	\$31.39	Yes	\$67.95	\$36.56
1185	20-Jul-10	21	10	\$31.39	Yes	\$90.70	\$59.31
1186	20-Jul-10	21	11	\$31.07	Yes	\$67.95	\$36.88
1187	20-Jul-10	21	11	\$31.07	Yes	\$90.70	\$59.63
1188	20-Jul-10	21	12	\$31.07	Yes	\$67.95	\$36.88
1189	20-Jul-10	21	12	\$31.07	Yes	\$90.70	\$59.63
1190	20-Jul-10	22	1	\$31.58	Yes	\$90.70	\$59.12
1191	20-Jul-10	22	1	\$31.58	Yes	\$67.95	\$36.37
1192	20-Jul-10	22	2	\$30.71	Yes	\$67.95	\$37.24
1193	20-Jul-10	22	2	\$30.71	Yes	\$90.70	\$59.99
1194	20-Jul-10	22	3	\$29.01	Yes	\$67.95	\$38.94
1195	20-Jul-10	22	3	\$29.01	Yes	\$90.70	\$61.69
1196	20-Jul-10	22	4	\$28.93	Yes	\$90.70	\$61.77
1197	20-Jul-10	22	4	\$28.93	Yes	\$67.95	\$39.02
1198	20-Jul-10	22	5	\$28.97	Yes	\$67.95	\$38.98
1199	20-Jul-10	22	5	\$28.97	Yes	\$90.70	\$61.73
1200	20-Jul-10	22	6	\$28.93	Yes	\$67.95	\$39.02
1201	20-Jul-10	22	6	\$28.93	Yes	\$90.70	\$61.77
1202	20-Jul-10	22	7	\$28.51	Yes	\$67.95	\$39.44
1203	20-Jul-10	22	7	\$28.51	Yes	\$90.70	\$62.19
1204	20-Jul-10	22	8	\$26.73	Yes	\$90.70	\$63.97
1205	20-Jul-10	22	8	\$26.73	Yes	\$67.95	\$41.22
1206	20-Jul-10	22	9	\$26.60	Yes	\$90.70	\$64.10
1207	20-Jul-10	22	9	\$26.60	Yes	\$67.95	\$41.35
1208	20-Jul-10	22	10	\$26.04	Yes	\$90.70	\$64.66
1209	20-Jul-10	22	10	\$26.04	Yes	\$67.95	\$41.91
1210	20-Jul-10	22	11	\$25.45	Yes	\$90.70	\$65.25
1211	20-Jul-10	22	11	\$25.45	Yes	\$67.95	\$42.50
1212	20-Jul-10	22	12	\$25.42	Yes	\$67.95	\$42.53

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1213	20-Jul-10	22	12	\$25.42	Yes	\$90.70	\$65.28
1214	20-Jul-10	23	1	\$40.90	Yes	\$67.95	\$27.05
1215	20-Jul-10	23	2	\$40.06	Yes	\$67.95	\$27.89
1216	20-Jul-10	23	3	\$33.16	Yes	\$67.95	\$34.79
1217	20-Jul-10	23	4	\$31.64	Yes	\$67.95	\$36.31
1218	20-Jul-10	23	5	\$31.57	Yes	\$67.95	\$36.38
1219	20-Jul-10	23	6	\$31.48	Yes	\$67.95	\$36.47
1220	20-Jul-10	23	7	\$30.43	Yes	\$67.95	\$37.52
1221	20-Jul-10	23	8	\$29.33	Yes	\$67.95	\$38.62
1222	20-Jul-10	23	9	\$27.38	Yes	\$67.95	\$40.57
1223	20-Jul-10	23	10	\$28.06	Yes	\$67.95	\$39.89
1224	20-Jul-10	23	11	\$26.78	Yes	\$67.95	\$41.17
1225	20-Jul-10	23	12	\$17.72	Yes	\$67.95	\$50.23
1226	20-Jul-10	24	1	\$38.22	Yes	\$67.95	\$29.73
1227	20-Jul-10	24	2	\$29.31	Yes	\$67.95	\$38.64
1228	20-Jul-10	24	3	\$29.25	Yes	\$67.95	\$38.70
1229	20-Jul-10	24	4	\$28.43	Yes	\$67.95	\$39.52
1230	20-Jul-10	24	5	\$28.43	Yes	\$67.95	\$39.52
1231	20-Jul-10	24	6	\$27.51	Yes	\$67.95	\$40.44
1232	20-Jul-10	24	7	\$28.79	Yes	\$67.95	\$39.16
1233	20-Jul-10	24	8	\$26.89	Yes	\$67.95	\$41.06
1234	20-Jul-10	24	9	\$26.79	Yes	\$67.95	\$41.16
1235	20-Jul-10	24	10	\$16.11	Yes	\$67.95	\$51.84
1236	20-Jul-10	24	11	\$16.11	Yes	\$67.95	\$51.84
1237	20-Jul-10	24	12	\$15.46	Yes	\$67.95	\$52.49

Table 9: Price Impact Analysis Information for Pricing Node B in SDG&E LAP

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	16-Jul-10	9	8	\$28.66	Yes	\$43.05	\$14.39
2	16-Jul-10	9	9	\$30.11	Yes	\$43.05	\$12.94
3	16-Jul-10	9	10	\$30.99	Yes	\$43.05	\$12.06
4	16-Jul-10	9	11	\$31.90	Yes	\$43.05	\$11.15
5	16-Jul-10	9	12	\$31.53	Yes	\$43.05	\$11.52
6	16-Jul-10	10	1	\$29.05	Yes	\$43.05	\$14.00
7	16-Jul-10	10	2	\$28.26	Yes	\$43.05	\$14.79
8	16-Jul-10	10	3	\$28.75	Yes	\$43.05	\$14.30
9	16-Jul-10	10	4	\$29.16	Yes	\$43.05	\$13.89
10	16-Jul-10	10	5	\$30.13	Yes	\$43.05	\$12.92
11	16-Jul-10	10	6	\$31.08	Yes	\$43.05	\$11.97
12	16-Jul-10	10	7	\$31.84	Yes	\$43.05	\$11.21
13	16-Jul-10	10	8	\$31.95	Yes	\$43.05	\$11.10

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
14	16-Jul-10	10	9	\$37.78	Yes	\$43.05	\$5.27
15	16-Jul-10	10	10	\$42.14	Yes	\$43.05	\$0.91
16	16-Jul-10	10	11	\$42.14	Yes	\$43.32	\$1.18
17	16-Jul-10	10	12	\$42.52	Yes	\$43.32	\$0.80
18	16-Jul-10	11	1	\$41.94	Yes	\$43.32	\$1.38
19	16-Jul-10	11	2	\$38.57	Yes	\$43.32	\$4.75
20	16-Jul-10	11	3	\$41.94	Yes	\$43.32	\$1.38
21	16-Jul-10	11	4	\$41.80	Yes	\$43.32	\$1.52
22	16-Jul-10	11	5	\$41.25	Yes	\$43.32	\$2.07
23	16-Jul-10	11	6	\$41.84	Yes	\$43.32	\$1.48
24	16-Jul-10	11	7	\$45.17	Yes	\$43.32	-\$1.85
25	16-Jul-10	11	8	\$44.82	Yes	\$43.32	-\$1.50
26	16-Jul-10	11	9	\$46.00	Yes	\$43.32	-\$2.68
27	16-Jul-10	11	10	\$45.79	Yes	\$43.32	-\$2.47
28	16-Jul-10	11	11	\$45.61	Yes	\$43.32	-\$2.29
29	16-Jul-10	11	12	\$46.54	Yes	\$43.32	-\$3.22
30	16-Jul-10	12	1	\$42.59	Yes	\$43.32	\$0.73
31	16-Jul-10	12	2	\$42.59	Yes	\$43.32	\$0.73
32	16-Jul-10	12	3	\$42.59	Yes	\$43.32	\$0.73
33	16-Jul-10	12	4	\$43.18	Yes	\$43.32	\$0.14
34	16-Jul-10	12	5	\$43.97	Yes	\$43.32	-\$0.65
35	16-Jul-10	12	6	\$47.83	Yes	\$43.32	-\$4.51
36	16-Jul-10	12	7	\$46.78	Yes	\$43.32	-\$3.46
37	16-Jul-10	12	8	\$45.54	Yes	\$43.32	-\$2.22
38	16-Jul-10	12	9	\$46.17	Yes	\$43.32	-\$2.85
39	16-Jul-10	12	10	\$153.47	Yes	\$43.32	-\$110.15
40	16-Jul-10	12	11	\$69.81	Yes	\$43.32	-\$26.49
41	16-Jul-10	12	12	\$1,019.87	Yes	\$43.32	-\$976.55
42	16-Jul-10	13	1	\$69.04	Yes	\$43.32	-\$25.72
43	16-Jul-10	13	2	\$49.06	Yes	\$43.32	-\$5.74
44	16-Jul-10	13	3	\$44.33	Yes	\$43.32	-\$1.01
45	16-Jul-10	13	4	\$40.70	Yes	\$43.32	\$2.62
46	16-Jul-10	13	5	\$41.68	Yes	\$43.32	\$1.64
47	16-Jul-10	13	6	\$44.19	Yes	\$43.32	-\$0.87
48	16-Jul-10	13	7	\$47.56	Yes	\$43.32	-\$4.24
49	16-Jul-10	13	8	\$44.58	Yes	\$43.32	-\$1.26
50	16-Jul-10	13	9	\$44.98	Yes	\$43.32	-\$1.66
51	16-Jul-10	13	10	\$44.43	Yes	\$43.32	-\$1.11
52	16-Jul-10	13	11	\$45.05	Yes	\$43.32	-\$1.73
53	16-Jul-10	13	12	\$44.31	Yes	\$43.32	-\$0.99
54	16-Jul-10	14	1	\$42.17	Yes	\$43.32	\$1.15
55	16-Jul-10	14	2	\$43.04	Yes	\$43.32	\$0.28
56	16-Jul-10	14	3	\$43.23	Yes	\$43.32	\$0.09
57	16-Jul-10	14	4	\$43.12	Yes	\$43.32	\$0.20
58	16-Jul-10	14	5	\$43.43	Yes	\$43.32	-\$0.11

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
59	16-Jul-10	14	6	\$43.86	Yes	\$43.32	-\$0.54
60	16-Jul-10	14	7	\$44.17	Yes	\$43.32	-\$0.85
61	16-Jul-10	14	8	\$46.19	Yes	\$43.32	-\$2.87
62	16-Jul-10	14	9	\$45.39	Yes	\$43.32	-\$2.07
63	16-Jul-10	14	10	\$47.77	Yes	\$43.32	-\$4.45
64	16-Jul-10	14	11	\$47.86	Yes	\$43.32	-\$4.54
65	16-Jul-10	14	12	\$45.33	Yes	\$43.32	-\$2.01
66	16-Jul-10	15	1	\$153.80	No	\$44.98	-\$108.82
67	16-Jul-10	15	2	\$74.87	No	\$44.98	-\$29.89
68	16-Jul-10	15	3	\$48.01	No	\$44.98	-\$3.03
69	16-Jul-10	15	4	\$49.05	No	\$44.98	-\$4.07
70	16-Jul-10	15	5	\$48.61	No	\$44.98	-\$3.63
71	16-Jul-10	15	6	\$74.87	No	\$44.98	-\$29.89
72	16-Jul-10	15	7	\$46.10	No	\$44.98	-\$1.12
73	16-Jul-10	15	8	\$48.73	No	\$44.98	-\$3.75
74	16-Jul-10	15	9	\$49.68	No	\$44.98	-\$4.70
75	16-Jul-10	15	10	\$48.04	No	\$44.98	-\$3.06
76	16-Jul-10	15	11	\$48.52	No	\$44.98	-\$3.54
77	16-Jul-10	15	12	\$48.84	No	\$44.98	-\$3.86
78	16-Jul-10	16	1	\$51.67	No	\$46.88	-\$4.79
79	16-Jul-10	16	2	\$51.67	No	\$46.88	-\$4.79
80	16-Jul-10	16	3	\$49.24	No	\$46.88	-\$2.36
81	16-Jul-10	16	4	\$49.22	No	\$46.88	-\$2.34
82	16-Jul-10	16	5	\$45.48	No	\$46.88	\$1.40
83	16-Jul-10	16	6	\$47.40	No	\$46.88	-\$0.52
84	16-Jul-10	16	7	\$47.87	No	\$46.88	-\$0.99
85	16-Jul-10	16	8	\$48.96	No	\$46.88	-\$2.08
86	16-Jul-10	16	9	\$48.87	No	\$46.88	-\$1.99
87	16-Jul-10	16	10	\$51.62	No	\$46.88	-\$4.74
88	16-Jul-10	16	11	\$78.47	No	\$46.88	-\$31.59
89	16-Jul-10	16	12	\$63.57	No	\$46.88	-\$16.69
90	16-Jul-10	17	1	\$259.66	No	\$46.88	-\$212.78
91	16-Jul-10	17	2	\$62.90	No	\$46.88	-\$16.02
92	16-Jul-10	17	3	\$50.28	No	\$46.88	-\$3.40
93	16-Jul-10	17	4	\$46.18	No	\$46.88	\$0.70
94	16-Jul-10	17	5	\$46.11	No	\$46.88	\$0.77
95	16-Jul-10	17	6	\$48.06	No	\$46.88	-\$1.18
96	16-Jul-10	17	7	\$48.06	No	\$46.88	-\$1.18
97	16-Jul-10	17	8	\$47.81	No	\$46.88	-\$0.93
98	16-Jul-10	17	9	\$47.17	No	\$46.88	-\$0.29
99	16-Jul-10	17	10	\$46.20	No	\$46.88	\$0.68
100	16-Jul-10	17	11	\$46.11	No	\$46.88	\$0.77
101	16-Jul-10	17	12	\$46.11	No	\$46.88	\$0.77
102	16-Jul-10	18	1	\$50.19	No	\$46.88	-\$3.31
103	16-Jul-10	18	2	\$49.22	No	\$46.88	-\$2.34

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
104	16-Jul-10	18	3	\$45.32	No	\$46.88	\$1.56
105	16-Jul-10	18	4	\$44.73	No	\$46.88	\$2.15
106	16-Jul-10	18	5	\$44.73	No	\$46.88	\$2.15
107	16-Jul-10	18	6	\$44.73	No	\$46.88	\$2.15
108	16-Jul-10	18	7	\$44.68	No	\$46.88	\$2.20
109	16-Jul-10	18	8	\$44.73	No	\$46.88	\$2.15
110	16-Jul-10	18	9	\$44.73	No	\$46.88	\$2.15
111	16-Jul-10	18	10	\$43.87	No	\$46.88	\$3.01
112	16-Jul-10	18	11	\$43.22	No	\$46.88	\$3.66
113	16-Jul-10	18	12	\$42.15	No	\$46.88	\$4.73
114	16-Jul-10	19	1	\$44.47	No	\$46.88	\$2.41
115	16-Jul-10	19	2	\$44.14	No	\$46.88	\$2.74
116	16-Jul-10	19	3	\$37.24	No	\$46.88	\$9.64
117	16-Jul-10	19	4	\$40.59	No	\$46.88	\$6.29
118	16-Jul-10	19	5	\$41.15	No	\$46.88	\$5.73
119	16-Jul-10	19	6	\$42.61	No	\$46.88	\$4.27
120	16-Jul-10	19	7	\$42.67	No	\$46.88	\$4.21
121	16-Jul-10	19	8	\$42.67	No	\$46.88	\$4.21
122	16-Jul-10	19	9	\$42.69	No	\$46.88	\$4.19
123	16-Jul-10	19	10	\$40.54	No	\$46.88	\$6.34
124	16-Jul-10	19	11	\$39.97	No	\$46.88	\$6.91
125	16-Jul-10	19	12	\$36.67	No	\$46.88	\$10.21
126	17-Jul-10	12	2	\$42.21	Yes	\$44.66	\$2.45
127	17-Jul-10	12	3	\$43.37	Yes	\$44.66	\$1.29
128	17-Jul-10	12	4	\$46.49	Yes	\$44.66	-\$1.83
129	17-Jul-10	12	5	\$45.28	Yes	\$44.66	-\$0.62
130	17-Jul-10	12	6	\$44.94	Yes	\$44.66	-\$0.28
131	17-Jul-10	12	7	\$44.76	Yes	\$44.66	-\$0.10
132	17-Jul-10	12	8	\$45.27	Yes	\$44.66	-\$0.61
133	17-Jul-10	12	9	\$45.27	Yes	\$44.66	-\$0.61
134	17-Jul-10	12	10	\$45.70	Yes	\$44.66	-\$1.04
135	17-Jul-10	12	11	\$46.20	Yes	\$44.66	-\$1.54
136	17-Jul-10	12	12	\$49.88	Yes	\$44.66	-\$5.22
137	17-Jul-10	13	1	\$38.05	Yes	\$44.66	\$6.61
138	17-Jul-10	13	2	\$43.59	Yes	\$44.66	\$1.07
139	17-Jul-10	13	3	\$44.50	Yes	\$44.66	\$0.16
140	17-Jul-10	13	4	\$44.35	Yes	\$44.66	\$0.31
141	17-Jul-10	13	5	\$44.57	Yes	\$44.66	\$0.09
142	17-Jul-10	13	6	\$44.57	Yes	\$44.66	\$0.09
143	17-Jul-10	13	7	\$47.85	Yes	\$44.66	-\$3.19
144	17-Jul-10	13	8	\$59.23	Yes	\$44.66	-\$14.57
145	17-Jul-10	13	9	\$51.04	Yes	\$44.66	-\$6.38
146	17-Jul-10	13	10	\$76.68	Yes	\$44.66	-\$32.02
147	17-Jul-10	13	11	\$68.91	Yes	\$44.66	-\$24.25
148	17-Jul-10	13	12	\$76.68	Yes	\$44.66	-\$32.02

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
149	17-Jul-10	14	1	\$50.26	Yes	\$44.66	-\$5.60
150	17-Jul-10	14	2	\$51.68	Yes	\$44.66	-\$7.02
151	17-Jul-10	14	3	\$68.79	Yes	\$44.66	-\$24.13
152	17-Jul-10	14	4	\$53.11	Yes	\$44.66	-\$8.45
153	17-Jul-10	14	5	\$68.69	Yes	\$44.66	-\$24.03
154	17-Jul-10	14	6	\$51.83	Yes	\$44.66	-\$7.17
155	17-Jul-10	14	7	\$52.17	Yes	\$44.66	-\$7.51
156	17-Jul-10	14	8	\$76.50	Yes	\$44.66	-\$31.84
157	17-Jul-10	14	9	\$85.62	Yes	\$44.66	-\$40.96
158	17-Jul-10	14	10	\$85.57	Yes	\$44.66	-\$40.91
159	17-Jul-10	14	11	\$83.30	Yes	\$44.66	-\$38.64
160	17-Jul-10	14	12	\$76.44	Yes	\$44.66	-\$31.78
161	17-Jul-10	15	1	\$76.30	Yes	\$44.66	-\$31.64
162	17-Jul-10	15	2	\$86.69	Yes	\$44.66	-\$42.03
163	17-Jul-10	15	3	\$304.25	Yes	\$44.66	-\$259.59
164	17-Jul-10	15	4	\$252.92	Yes	\$44.66	-\$208.26
165	17-Jul-10	15	5	\$85.59	Yes	\$44.66	-\$40.93
166	17-Jul-10	15	6	\$304.57	Yes	\$44.66	-\$259.91
167	17-Jul-10	15	6	\$304.57	Yes	\$47.27	-\$257.30
168	17-Jul-10	15	7	\$77.46	Yes	\$47.27	-\$30.19
169	17-Jul-10	15	7	\$77.46	Yes	\$44.66	-\$32.80
170	17-Jul-10	15	8	\$83.44	Yes	\$47.27	-\$36.17
171	17-Jul-10	15	8	\$83.44	Yes	\$44.66	-\$38.78
172	17-Jul-10	15	9	\$77.43	Yes	\$44.66	-\$32.77
173	17-Jul-10	15	9	\$77.43	Yes	\$47.27	-\$30.16
174	17-Jul-10	15	10	\$69.85	Yes	\$44.66	-\$25.19
175	17-Jul-10	15	10	\$69.85	Yes	\$47.27	-\$22.58
176	17-Jul-10	15	11	\$52.03	Yes	\$44.66	-\$7.37
177	17-Jul-10	15	11	\$52.03	Yes	\$47.27	-\$4.76
178	17-Jul-10	15	12	\$49.23	Yes	\$47.27	-\$1.96
179	17-Jul-10	15	12	\$49.23	Yes	\$44.66	-\$4.57
180	17-Jul-10	16	1	\$48.62	Yes	\$44.66	-\$3.96
181	17-Jul-10	16	1	\$48.62	Yes	\$47.27	-\$1.35
182	17-Jul-10	16	2	\$747.03	Yes	\$44.66	-\$702.37
183	17-Jul-10	16	2	\$747.03	Yes	\$47.27	-\$699.76
184	17-Jul-10	16	3	\$747.03	Yes	\$47.27	-\$699.76
185	17-Jul-10	16	3	\$747.03	Yes	\$44.66	-\$702.37
186	17-Jul-10	16	4	\$748.58	Yes	\$47.27	-\$701.31
187	17-Jul-10	16	4	\$748.58	Yes	\$44.66	-\$703.92
188	17-Jul-10	16	5	\$743.20	Yes	\$44.66	-\$698.54
189	17-Jul-10	16	5	\$743.20	Yes	\$47.27	-\$695.93
190	17-Jul-10	16	6	\$753.96	Yes	\$47.27	-\$706.69
191	17-Jul-10	16	6	\$753.96	Yes	\$44.66	-\$709.30
192	17-Jul-10	16	7	\$753.40	Yes	\$44.66	-\$708.74
193	17-Jul-10	16	7	\$753.40	Yes	\$47.27	-\$706.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
194	17-Jul-10	16	8	\$748.31	Yes	\$47.27	-\$701.04
195	17-Jul-10	16	8	\$748.31	Yes	\$44.66	-\$703.65
196	17-Jul-10	16	9	\$748.31	Yes	\$47.27	-\$701.04
197	17-Jul-10	16	9	\$748.31	Yes	\$44.66	-\$703.65
198	17-Jul-10	16	10	\$748.54	Yes	\$44.66	-\$703.88
199	17-Jul-10	16	10	\$748.54	Yes	\$47.27	-\$701.27
200	17-Jul-10	16	11	\$748.54	Yes	\$47.27	-\$701.27
201	17-Jul-10	16	11	\$748.54	Yes	\$44.66	-\$703.88
202	17-Jul-10	16	12	\$748.54	Yes	\$44.66	-\$703.88
203	17-Jul-10	16	12	\$748.54	Yes	\$47.27	-\$701.27
204	17-Jul-10	17	1	\$256.15	Yes	\$44.66	-\$211.49
205	17-Jul-10	17	1	\$256.15	Yes	\$47.27	-\$208.88
206	17-Jul-10	17	2	\$88.55	Yes	\$44.66	-\$43.89
207	17-Jul-10	17	2	\$88.55	Yes	\$47.27	-\$41.28
208	17-Jul-10	17	3	\$76.93	Yes	\$47.27	-\$29.66
209	17-Jul-10	17	3	\$76.93	Yes	\$44.66	-\$32.27
210	17-Jul-10	17	4	\$78.05	Yes	\$47.27	-\$30.78
211	17-Jul-10	17	4	\$78.05	Yes	\$44.66	-\$33.39
212	17-Jul-10	17	5	\$69.95	Yes	\$44.66	-\$25.29
213	17-Jul-10	17	5	\$69.95	Yes	\$47.27	-\$22.68
214	17-Jul-10	17	6	\$75.20	Yes	\$44.66	-\$30.54
215	17-Jul-10	17	6	\$75.20	Yes	\$47.27	-\$27.93
216	17-Jul-10	17	7	\$82.08	Yes	\$47.27	-\$34.81
217	17-Jul-10	17	7	\$82.08	Yes	\$44.66	-\$37.42
218	17-Jul-10	17	8	\$67.34	Yes	\$47.27	-\$20.07
219	17-Jul-10	17	8	\$67.34	Yes	\$44.66	-\$22.68
220	17-Jul-10	17	9	\$50.06	Yes	\$44.66	-\$5.40
221	17-Jul-10	17	9	\$50.06	Yes	\$47.27	-\$2.79
222	17-Jul-10	17	10	\$50.08	Yes	\$47.27	-\$2.81
223	17-Jul-10	17	10	\$50.08	Yes	\$44.66	-\$5.42
224	17-Jul-10	17	11	\$52.19	Yes	\$44.66	-\$7.53
225	17-Jul-10	17	11	\$52.19	Yes	\$47.27	-\$4.92
226	17-Jul-10	17	12	\$50.08	Yes	\$44.66	-\$5.42
227	17-Jul-10	17	12	\$50.08	Yes	\$47.27	-\$2.81
228	17-Jul-10	18	1	\$48.46	Yes	\$47.27	-\$1.19
229	17-Jul-10	18	1	\$48.46	Yes	\$44.66	-\$3.80
230	17-Jul-10	18	2	\$48.46	Yes	\$47.27	-\$1.19
231	17-Jul-10	18	2	\$48.46	Yes	\$44.66	-\$3.80
232	17-Jul-10	18	3	\$48.46	Yes	\$47.27	-\$1.19
233	17-Jul-10	18	3	\$48.46	Yes	\$44.66	-\$3.80
234	17-Jul-10	18	4	\$48.43	Yes	\$44.66	-\$3.77
235	17-Jul-10	18	4	\$48.43	Yes	\$47.27	-\$1.16
236	17-Jul-10	18	5	\$48.43	Yes	\$44.66	-\$3.77
237	17-Jul-10	18	5	\$48.43	Yes	\$47.27	-\$1.16
238	17-Jul-10	18	6	\$48.43	Yes	\$44.66	-\$3.77

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
239	17-Jul-10	18	6	\$48.43	Yes	\$47.27	-\$1.16
240	17-Jul-10	18	7	\$48.43	Yes	\$47.27	-\$1.16
241	17-Jul-10	18	7	\$48.43	Yes	\$44.66	-\$3.77
242	17-Jul-10	18	8	\$48.43	Yes	\$47.27	-\$1.16
243	17-Jul-10	18	8	\$48.43	Yes	\$44.66	-\$3.77
244	17-Jul-10	18	9	\$48.43	Yes	\$47.27	-\$1.16
245	17-Jul-10	18	9	\$48.43	Yes	\$44.66	-\$3.77
246	17-Jul-10	18	10	\$46.49	Yes	\$44.66	-\$1.83
247	17-Jul-10	18	10	\$46.49	Yes	\$47.27	\$0.78
248	17-Jul-10	18	11	\$46.40	Yes	\$47.27	\$0.87
249	17-Jul-10	18	11	\$46.40	Yes	\$44.66	-\$1.74
250	17-Jul-10	18	12	\$45.72	Yes	\$44.66	-\$1.06
251	17-Jul-10	18	12	\$45.72	Yes	\$47.27	\$1.55
252	17-Jul-10	19	1	\$47.74	Yes	\$44.66	-\$3.08
253	17-Jul-10	19	1	\$47.74	Yes	\$47.27	-\$0.47
254	17-Jul-10	19	2	\$46.53	Yes	\$44.66	-\$1.87
255	17-Jul-10	19	2	\$46.53	Yes	\$47.27	\$0.74
256	17-Jul-10	19	3	\$45.84	Yes	\$44.66	-\$1.18
257	17-Jul-10	19	3	\$45.84	Yes	\$47.27	\$1.43
258	17-Jul-10	19	4	\$45.87	Yes	\$47.27	\$1.40
259	17-Jul-10	19	4	\$45.87	Yes	\$44.66	-\$1.21
260	17-Jul-10	19	5	\$45.50	Yes	\$44.66	-\$0.84
261	17-Jul-10	19	5	\$45.50	Yes	\$47.27	\$1.77
262	17-Jul-10	19	6	\$45.50	Yes	\$47.27	\$1.77
263	17-Jul-10	19	6	\$45.50	Yes	\$44.66	-\$0.84
264	17-Jul-10	19	7	\$45.10	Yes	\$47.27	\$2.17
265	17-Jul-10	19	7	\$45.10	Yes	\$44.66	-\$0.44
266	17-Jul-10	19	8	\$44.69	Yes	\$44.66	-\$0.03
267	17-Jul-10	19	8	\$44.69	Yes	\$47.27	\$2.58
268	17-Jul-10	19	9	\$44.62	Yes	\$47.27	\$2.65
269	17-Jul-10	19	9	\$44.62	Yes	\$44.66	\$0.04
270	17-Jul-10	19	10	\$43.61	Yes	\$44.66	\$1.05
271	17-Jul-10	19	10	\$43.61	Yes	\$47.27	\$3.66
272	17-Jul-10	19	11	\$43.12	Yes	\$44.66	\$1.54
273	17-Jul-10	19	11	\$43.12	Yes	\$47.27	\$4.15
274	17-Jul-10	19	12	\$43.12	Yes	\$44.66	\$1.54
275	17-Jul-10	19	12	\$43.12	Yes	\$47.27	\$4.15
276	17-Jul-10	20	1	\$43.13	Yes	\$47.27	\$4.14
277	17-Jul-10	20	1	\$43.13	Yes	\$44.66	\$1.53
278	17-Jul-10	20	2	\$43.13	Yes	\$44.66	\$1.53
279	17-Jul-10	20	2	\$43.13	Yes	\$47.27	\$4.14
280	17-Jul-10	20	3	\$43.13	Yes	\$44.66	\$1.53
281	17-Jul-10	20	3	\$43.13	Yes	\$47.27	\$4.14
282	17-Jul-10	20	4	\$43.54	Yes	\$44.66	\$1.12
283	17-Jul-10	20	4	\$43.54	Yes	\$47.27	\$3.73

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
284	17-Jul-10	20	5	\$43.68	Yes	\$44.66	\$0.98
285	17-Jul-10	20	5	\$43.68	Yes	\$47.27	\$3.59
286	17-Jul-10	20	6	\$43.11	Yes	\$44.66	\$1.55
287	17-Jul-10	20	6	\$43.11	Yes	\$47.27	\$4.16
288	17-Jul-10	20	7	\$43.14	Yes	\$44.66	\$1.52
289	17-Jul-10	20	7	\$43.14	Yes	\$47.27	\$4.13
290	17-Jul-10	20	8	\$43.11	Yes	\$47.27	\$4.16
291	17-Jul-10	20	8	\$43.11	Yes	\$44.66	\$1.55
292	17-Jul-10	20	9	\$43.05	Yes	\$47.27	\$4.22
293	17-Jul-10	20	9	\$43.05	Yes	\$44.66	\$1.61
294	17-Jul-10	20	10	\$43.14	Yes	\$44.66	\$1.52
295	17-Jul-10	20	10	\$43.14	Yes	\$47.27	\$4.13
296	17-Jul-10	20	11	\$43.14	Yes	\$44.66	\$1.52
297	17-Jul-10	20	11	\$43.14	Yes	\$47.27	\$4.13
298	17-Jul-10	20	12	\$38.54	Yes	\$47.27	\$8.73
299	17-Jul-10	20	12	\$38.54	Yes	\$44.66	\$6.12
300	18-Jul-10	11	11	\$32.24	Yes	\$50.66	\$18.42
301	18-Jul-10	11	12	\$33.05	Yes	\$50.66	\$17.61
302	18-Jul-10	12	1	\$28.81	Yes	\$50.66	\$21.85
303	18-Jul-10	12	2	\$29.68	Yes	\$50.66	\$20.98
304	18-Jul-10	12	2	\$29.68	Yes	\$44.66	\$14.98
305	18-Jul-10	12	3	\$29.68	Yes	\$50.66	\$20.98
306	18-Jul-10	12	3	\$29.68	Yes	\$44.66	\$14.98
307	18-Jul-10	12	4	\$29.71	Yes	\$44.66	\$14.95
308	18-Jul-10	12	4	\$29.71	Yes	\$50.66	\$20.95
309	18-Jul-10	12	5	\$29.93	Yes	\$50.66	\$20.73
310	18-Jul-10	12	5	\$29.93	Yes	\$44.66	\$14.73
311	18-Jul-10	12	6	\$29.93	Yes	\$50.66	\$20.73
312	18-Jul-10	12	6	\$29.93	Yes	\$44.66	\$14.73
313	18-Jul-10	12	7	\$29.69	Yes	\$50.66	\$20.97
314	18-Jul-10	12	7	\$29.69	Yes	\$44.66	\$14.97
315	18-Jul-10	12	8	\$29.62	Yes	\$44.66	\$15.04
316	18-Jul-10	12	8	\$29.62	Yes	\$50.66	\$21.04
317	18-Jul-10	12	9	\$30.48	Yes	\$50.66	\$20.18
318	18-Jul-10	12	9	\$30.48	Yes	\$44.66	\$14.18
319	18-Jul-10	12	10	\$32.36	Yes	\$50.66	\$18.30
320	18-Jul-10	12	10	\$32.36	Yes	\$44.66	\$12.30
321	18-Jul-10	12	11	\$32.36	Yes	\$50.66	\$18.30
322	18-Jul-10	12	11	\$32.36	Yes	\$44.66	\$12.30
323	18-Jul-10	12	12	\$33.30	Yes	\$50.66	\$17.36
324	18-Jul-10	12	12	\$33.30	Yes	\$44.66	\$11.36
325	18-Jul-10	13	1	\$29.64	Yes	\$44.66	\$15.02
326	18-Jul-10	13	1	\$29.64	Yes	\$50.66	\$21.02
327	18-Jul-10	13	2	\$30.11	Yes	\$44.66	\$14.55
328	18-Jul-10	13	2	\$30.11	Yes	\$50.66	\$20.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
329	18-Jul-10	13	3	\$29.88	Yes	\$44.66	\$14.78
330	18-Jul-10	13	3	\$29.88	Yes	\$50.66	\$20.78
331	18-Jul-10	13	4	\$29.94	Yes	\$50.66	\$20.72
332	18-Jul-10	13	4	\$29.94	Yes	\$44.66	\$14.72
333	18-Jul-10	13	5	\$30.94	Yes	\$44.66	\$13.72
334	18-Jul-10	13	5	\$30.94	Yes	\$50.66	\$19.72
335	18-Jul-10	13	6	\$31.76	Yes	\$44.66	\$12.90
336	18-Jul-10	13	6	\$31.76	Yes	\$50.66	\$18.90
337	18-Jul-10	13	7	\$32.46	Yes	\$50.66	\$18.20
338	18-Jul-10	13	7	\$32.46	Yes	\$44.66	\$12.20
339	18-Jul-10	13	8	\$33.28	Yes	\$44.66	\$11.38
340	18-Jul-10	13	8	\$33.28	Yes	\$50.66	\$17.38
341	18-Jul-10	13	9	\$33.62	Yes	\$50.66	\$17.04
342	18-Jul-10	13	9	\$33.62	Yes	\$44.66	\$11.04
343	18-Jul-10	13	10	\$39.43	Yes	\$50.66	\$11.23
344	18-Jul-10	13	10	\$39.43	Yes	\$44.66	\$5.23
345	18-Jul-10	13	11	\$40.42	Yes	\$44.66	\$4.24
346	18-Jul-10	13	11	\$40.42	Yes	\$50.66	\$10.24
347	18-Jul-10	13	12	\$40.42	Yes	\$50.66	\$10.24
348	18-Jul-10	13	12	\$40.42	Yes	\$44.66	\$4.24
349	18-Jul-10	14	1	\$32.53	Yes	\$44.66	\$12.13
350	18-Jul-10	14	1	\$32.53	Yes	\$50.66	\$18.13
351	18-Jul-10	14	2	\$32.53	Yes	\$50.66	\$18.13
352	18-Jul-10	14	2	\$32.53	Yes	\$44.66	\$12.13
353	18-Jul-10	14	3	\$33.86	Yes	\$44.66	\$10.80
354	18-Jul-10	14	3	\$33.86	Yes	\$50.66	\$16.80
355	18-Jul-10	14	4	\$39.51	Yes	\$50.66	\$11.15
356	18-Jul-10	14	4	\$39.51	Yes	\$44.66	\$5.15
357	18-Jul-10	14	5	\$39.51	Yes	\$44.66	\$5.15
358	18-Jul-10	14	5	\$39.51	Yes	\$50.66	\$11.15
359	18-Jul-10	14	6	\$39.51	Yes	\$50.66	\$11.15
360	18-Jul-10	14	6	\$39.51	Yes	\$44.66	\$5.15
361	18-Jul-10	14	7	\$40.79	Yes	\$44.66	\$3.87
362	18-Jul-10	14	7	\$40.79	Yes	\$50.66	\$9.87
363	18-Jul-10	14	8	\$41.83	Yes	\$44.66	\$2.83
364	18-Jul-10	14	8	\$41.83	Yes	\$50.66	\$8.83
365	18-Jul-10	14	9	\$43.30	Yes	\$44.66	\$1.36
366	18-Jul-10	14	9	\$43.30	Yes	\$50.66	\$7.36
367	18-Jul-10	14	10	\$43.78	Yes	\$44.66	\$0.88
368	18-Jul-10	14	10	\$43.78	Yes	\$50.66	\$6.88
369	18-Jul-10	14	11	\$43.78	Yes	\$44.66	\$0.88
370	18-Jul-10	14	11	\$43.78	Yes	\$50.66	\$6.88
371	18-Jul-10	14	12	\$43.62	Yes	\$44.66	\$1.04
372	18-Jul-10	14	12	\$43.62	Yes	\$50.66	\$7.04
373	18-Jul-10	15	1	\$42.86	Yes	\$44.66	\$1.80

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
374	18-Jul-10	15	1	\$42.86	Yes	\$50.66	\$7.80
375	18-Jul-10	15	2	\$42.89	Yes	\$44.66	\$1.77
376	18-Jul-10	15	2	\$42.89	Yes	\$50.66	\$7.77
377	18-Jul-10	15	3	\$42.89	Yes	\$44.66	\$1.77
378	18-Jul-10	15	3	\$42.89	Yes	\$50.66	\$7.77
379	18-Jul-10	15	4	\$43.86	Yes	\$44.66	\$0.80
380	18-Jul-10	15	4	\$43.86	Yes	\$50.66	\$6.80
381	18-Jul-10	15	5	\$44.61	Yes	\$44.66	\$0.05
382	18-Jul-10	15	5	\$44.61	Yes	\$50.66	\$6.05
383	18-Jul-10	15	6	\$45.19	Yes	\$44.66	-\$0.53
384	18-Jul-10	15	6	\$45.19	Yes	\$50.66	\$5.47
385	18-Jul-10	15	7	\$45.10	Yes	\$44.66	-\$0.44
386	18-Jul-10	15	7	\$45.10	Yes	\$50.66	\$5.56
387	18-Jul-10	15	8	\$45.17	Yes	\$50.66	\$5.49
388	18-Jul-10	15	8	\$45.17	Yes	\$44.66	-\$0.51
389	18-Jul-10	15	9	\$45.17	Yes	\$44.66	-\$0.51
390	18-Jul-10	15	9	\$45.17	Yes	\$50.66	\$5.49
391	18-Jul-10	15	10	\$45.19	Yes	\$44.66	-\$0.53
392	18-Jul-10	15	10	\$45.19	Yes	\$50.66	\$5.47
393	18-Jul-10	15	11	\$45.85	Yes	\$44.66	-\$1.19
394	18-Jul-10	15	11	\$45.85	Yes	\$50.66	\$4.81
395	18-Jul-10	15	12	\$45.85	Yes	\$44.66	-\$1.19
396	18-Jul-10	15	12	\$45.85	Yes	\$50.66	\$4.81
397	18-Jul-10	16	1	\$45.19	Yes	\$44.66	-\$0.53
398	18-Jul-10	16	1	\$45.19	Yes	\$50.66	\$5.47
399	18-Jul-10	16	2	\$45.19	Yes	\$44.66	-\$0.53
400	18-Jul-10	16	2	\$45.19	Yes	\$50.66	\$5.47
401	18-Jul-10	16	3	\$45.19	Yes	\$44.66	-\$0.53
402	18-Jul-10	16	3	\$45.19	Yes	\$50.66	\$5.47
403	18-Jul-10	16	4	\$45.47	Yes	\$44.66	-\$0.81
404	18-Jul-10	16	4	\$45.47	Yes	\$50.66	\$5.19
405	18-Jul-10	16	5	\$45.73	Yes	\$50.66	\$4.93
406	18-Jul-10	16	5	\$45.73	Yes	\$44.66	-\$1.07
407	18-Jul-10	16	6	\$46.27	Yes	\$44.66	-\$1.61
408	18-Jul-10	16	6	\$46.27	Yes	\$50.66	\$4.39
409	18-Jul-10	16	7	\$45.66	Yes	\$44.66	-\$1.00
410	18-Jul-10	16	7	\$45.66	Yes	\$50.66	\$5.00
411	18-Jul-10	16	8	\$45.76	Yes	\$50.66	\$4.90
412	18-Jul-10	16	8	\$45.76	Yes	\$44.66	-\$1.10
413	18-Jul-10	16	9	\$46.56	Yes	\$50.66	\$4.10
414	18-Jul-10	16	9	\$46.56	Yes	\$44.66	-\$1.90
415	18-Jul-10	16	10	\$46.27	Yes	\$50.66	\$4.39
416	18-Jul-10	16	10	\$46.27	Yes	\$44.66	-\$1.61
417	18-Jul-10	16	11	\$46.42	Yes	\$50.66	\$4.24
418	18-Jul-10	16	11	\$46.42	Yes	\$44.66	-\$1.76

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
419	18-Jul-10	16	12	\$46.42	Yes	\$44.66	-\$1.76
420	18-Jul-10	16	12	\$46.42	Yes	\$50.66	\$4.24
421	18-Jul-10	17	1	\$45.73	Yes	\$44.66	-\$1.07
422	18-Jul-10	17	1	\$45.73	Yes	\$50.66	\$4.93
423	18-Jul-10	17	2	\$45.35	Yes	\$50.66	\$5.31
424	18-Jul-10	17	2	\$45.35	Yes	\$44.66	-\$0.69
425	18-Jul-10	17	3	\$45.35	Yes	\$44.66	-\$0.69
426	18-Jul-10	17	3	\$45.35	Yes	\$50.66	\$5.31
427	18-Jul-10	17	4	\$46.17	Yes	\$50.66	\$4.49
428	18-Jul-10	17	4	\$46.17	Yes	\$44.66	-\$1.51
429	18-Jul-10	17	5	\$46.17	Yes	\$44.66	-\$1.51
430	18-Jul-10	17	5	\$46.17	Yes	\$50.66	\$4.49
431	18-Jul-10	17	6	\$45.32	Yes	\$50.66	\$5.34
432	18-Jul-10	17	6	\$45.32	Yes	\$44.66	-\$0.66
433	18-Jul-10	17	7	\$45.25	Yes	\$44.66	-\$0.59
434	18-Jul-10	17	7	\$45.25	Yes	\$50.66	\$5.41
435	18-Jul-10	17	8	\$46.09	Yes	\$50.66	\$4.57
436	18-Jul-10	17	8	\$46.09	Yes	\$44.66	-\$1.43
437	18-Jul-10	17	9	\$46.09	Yes	\$44.66	-\$1.43
438	18-Jul-10	17	9	\$46.09	Yes	\$50.66	\$4.57
439	18-Jul-10	17	10	\$45.14	Yes	\$44.66	-\$0.48
440	18-Jul-10	17	10	\$45.14	Yes	\$50.66	\$5.52
441	18-Jul-10	17	11	\$45.14	Yes	\$44.66	-\$0.48
442	18-Jul-10	17	11	\$45.14	Yes	\$50.66	\$5.52
443	18-Jul-10	17	12	\$45.22	Yes	\$50.66	\$5.44
444	18-Jul-10	17	12	\$45.22	Yes	\$44.66	-\$0.56
445	18-Jul-10	18	1	\$46.01	Yes	\$44.66	-\$1.35
446	18-Jul-10	18	1	\$46.01	Yes	\$50.66	\$4.65
447	18-Jul-10	18	2	\$48.08	Yes	\$44.66	-\$3.42
448	18-Jul-10	18	2	\$48.08	Yes	\$50.66	\$2.58
449	18-Jul-10	18	3	\$47.13	Yes	\$44.66	-\$2.47
450	18-Jul-10	18	3	\$47.13	Yes	\$50.66	\$3.53
451	18-Jul-10	18	4	\$46.05	Yes	\$50.66	\$4.61
452	18-Jul-10	18	4	\$46.05	Yes	\$44.66	-\$1.39
453	18-Jul-10	18	5	\$46.05	Yes	\$50.66	\$4.61
454	18-Jul-10	18	5	\$46.05	Yes	\$44.66	-\$1.39
455	18-Jul-10	18	6	\$46.05	Yes	\$50.66	\$4.61
456	18-Jul-10	18	6	\$46.05	Yes	\$44.66	-\$1.39
457	18-Jul-10	18	7	\$46.01	Yes	\$50.66	\$4.65
458	18-Jul-10	18	7	\$46.01	Yes	\$44.66	-\$1.35
459	18-Jul-10	18	8	\$45.75	Yes	\$44.66	-\$1.09
460	18-Jul-10	18	8	\$45.75	Yes	\$50.66	\$4.91
461	18-Jul-10	18	9	\$46.01	Yes	\$44.66	-\$1.35
462	18-Jul-10	18	9	\$46.01	Yes	\$50.66	\$4.65
463	18-Jul-10	18	10	\$44.73	Yes	\$44.66	-\$0.07

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
464	18-Jul-10	18	10	\$44.73	Yes	\$50.66	\$5.93
465	18-Jul-10	18	11	\$44.73	Yes	\$44.66	-\$0.07
466	18-Jul-10	18	11	\$44.73	Yes	\$50.66	\$5.93
467	18-Jul-10	18	12	\$44.73	Yes	\$50.66	\$5.93
468	18-Jul-10	18	12	\$44.73	Yes	\$44.66	-\$0.07
469	18-Jul-10	19	1	\$42.47	Yes	\$50.66	\$8.19
470	18-Jul-10	19	1	\$42.47	Yes	\$44.66	\$2.19
471	18-Jul-10	19	2	\$42.47	Yes	\$50.66	\$8.19
472	18-Jul-10	19	2	\$42.47	Yes	\$44.66	\$2.19
473	18-Jul-10	19	3	\$42.47	Yes	\$50.66	\$8.19
474	18-Jul-10	19	3	\$42.47	Yes	\$44.66	\$2.19
475	18-Jul-10	19	4	\$42.92	Yes	\$50.66	\$7.74
476	18-Jul-10	19	4	\$42.92	Yes	\$44.66	\$1.74
477	18-Jul-10	19	5	\$42.44	Yes	\$50.66	\$8.22
478	18-Jul-10	19	5	\$42.44	Yes	\$44.66	\$2.22
479	18-Jul-10	19	6	\$42.44	Yes	\$50.66	\$8.22
480	18-Jul-10	19	6	\$42.44	Yes	\$44.66	\$2.22
481	18-Jul-10	19	7	\$42.41	Yes	\$50.66	\$8.25
482	18-Jul-10	19	7	\$42.41	Yes	\$44.66	\$2.25
483	18-Jul-10	19	8	\$42.41	Yes	\$50.66	\$8.25
484	18-Jul-10	19	8	\$42.41	Yes	\$44.66	\$2.25
485	18-Jul-10	19	9	\$42.32	Yes	\$50.66	\$8.34
486	18-Jul-10	19	9	\$42.32	Yes	\$44.66	\$2.34
487	18-Jul-10	19	10	\$42.24	Yes	\$50.66	\$8.42
488	18-Jul-10	19	10	\$42.24	Yes	\$44.66	\$2.42
489	18-Jul-10	19	11	\$41.64	Yes	\$50.66	\$9.02
490	18-Jul-10	19	11	\$41.64	Yes	\$44.66	\$3.02
491	18-Jul-10	19	12	\$42.00	Yes	\$50.66	\$8.66
492	18-Jul-10	19	12	\$42.00	Yes	\$44.66	\$2.66
493	18-Jul-10	20	1	\$41.63	Yes	\$50.66	\$9.03
494	18-Jul-10	20	1	\$41.63	Yes	\$44.66	\$3.03
495	18-Jul-10	20	2	\$41.60	Yes	\$44.66	\$3.06
496	18-Jul-10	20	2	\$41.60	Yes	\$50.66	\$9.06
497	18-Jul-10	20	3	\$41.34	Yes	\$50.66	\$9.32
498	18-Jul-10	20	3	\$41.34	Yes	\$44.66	\$3.32
499	18-Jul-10	20	4	\$41.23	Yes	\$50.66	\$9.43
500	18-Jul-10	20	4	\$41.23	Yes	\$44.66	\$3.43
501	18-Jul-10	20	5	\$40.92	Yes	\$44.66	\$3.74
502	18-Jul-10	20	5	\$40.92	Yes	\$50.66	\$9.74
503	18-Jul-10	20	6	\$39.74	Yes	\$44.66	\$4.92
504	18-Jul-10	20	6	\$39.74	Yes	\$50.66	\$10.92
505	18-Jul-10	20	7	\$39.86	Yes	\$44.66	\$4.80
506	18-Jul-10	20	7	\$39.86	Yes	\$50.66	\$10.80
507	18-Jul-10	20	8	\$39.86	Yes	\$50.66	\$10.80
508	18-Jul-10	20	8	\$39.86	Yes	\$44.66	\$4.80

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
509	18-Jul-10	20	9	\$38.88	Yes	\$50.66	\$11.78
510	18-Jul-10	20	9	\$38.88	Yes	\$44.66	\$5.78
511	18-Jul-10	20	10	\$32.92	Yes	\$44.66	\$11.74
512	18-Jul-10	20	10	\$32.92	Yes	\$50.66	\$17.74
513	18-Jul-10	20	11	\$33.07	Yes	\$44.66	\$11.59
514	18-Jul-10	20	11	\$33.07	Yes	\$50.66	\$17.59
515	18-Jul-10	20	12	\$38.91	Yes	\$44.66	\$5.75
516	18-Jul-10	20	12	\$38.91	Yes	\$50.66	\$11.75
517	18-Jul-10	21	1	\$39.62	Yes	\$44.66	\$5.04
518	18-Jul-10	21	2	\$40.00	Yes	\$44.66	\$4.66
519	18-Jul-10	21	3	\$40.00	Yes	\$44.66	\$4.66
520	18-Jul-10	21	4	\$41.42	Yes	\$44.66	\$3.24
521	18-Jul-10	21	5	\$41.73	Yes	\$44.66	\$2.93
522	18-Jul-10	21	6	\$41.95	Yes	\$44.66	\$2.71
523	18-Jul-10	21	7	\$41.80	Yes	\$44.66	\$2.86
524	18-Jul-10	21	8	\$41.61	Yes	\$44.66	\$3.05
525	18-Jul-10	21	9	\$41.58	Yes	\$44.66	\$3.08
526	18-Jul-10	21	10	\$41.45	Yes	\$44.66	\$3.21
527	18-Jul-10	21	11	\$41.45	Yes	\$44.66	\$3.21
528	18-Jul-10	21	12	\$40.04	Yes	\$44.66	\$4.62
529	18-Jul-10	22	1	\$43.58	Yes	\$44.66	\$1.08
530	18-Jul-10	22	2	\$42.54	Yes	\$44.66	\$2.12
531	18-Jul-10	22	3	\$40.87	Yes	\$44.66	\$3.79
532	18-Jul-10	22	4	\$42.19	Yes	\$44.66	\$2.47
533	18-Jul-10	22	5	\$42.02	Yes	\$44.66	\$2.64
534	18-Jul-10	22	6	\$40.43	Yes	\$44.66	\$4.23
535	18-Jul-10	22	7	\$39.24	Yes	\$44.66	\$5.42
536	18-Jul-10	22	8	\$38.79	Yes	\$44.66	\$5.87
537	18-Jul-10	22	9	\$32.10	Yes	\$44.66	\$12.56
538	18-Jul-10	22	10	\$31.07	Yes	\$44.66	\$13.60
539	18-Jul-10	22	11	\$30.47	Yes	\$44.66	\$14.19
540	18-Jul-10	22	12	\$30.47	Yes	\$44.66	\$14.19
541	20-Jul-10	13	11	\$43.57	Yes	\$43.50	-\$0.07
542	20-Jul-10	13	12	\$71.88	Yes	\$43.50	-\$28.38
543	20-Jul-10	14	1	\$34.54	Yes	\$43.50	\$8.96
544	20-Jul-10	14	2	\$35.07	Yes	\$43.50	\$8.43
545	20-Jul-10	14	3	\$35.59	Yes	\$43.50	\$7.91
546	20-Jul-10	14	4	\$36.05	Yes	\$43.50	\$7.45
547	20-Jul-10	14	5	\$38.17	Yes	\$43.50	\$5.33
548	20-Jul-10	14	6	\$38.17	Yes	\$43.50	\$5.33
549	20-Jul-10	14	7	\$41.66	Yes	\$43.50	\$1.84
550	20-Jul-10	14	8	\$42.58	Yes	\$43.50	\$0.92
551	20-Jul-10	14	9	\$43.44	Yes	\$43.50	\$0.06
552	20-Jul-10	14	10	\$43.45	Yes	\$43.50	\$0.05
553	20-Jul-10	14	11	\$42.60	Yes	\$43.50	\$0.90

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
554	20-Jul-10	14	12	\$42.60	Yes	\$43.50	\$0.90
555	20-Jul-10	15	1	\$41.21	Yes	\$43.50	\$2.29
556	20-Jul-10	15	2	\$40.34	Yes	\$43.50	\$3.16
557	20-Jul-10	15	3	\$41.92	Yes	\$43.50	\$1.58
558	20-Jul-10	15	4	\$38.19	Yes	\$43.50	\$5.31
559	20-Jul-10	15	5	\$40.01	Yes	\$43.50	\$3.49
560	20-Jul-10	15	6	\$43.46	Yes	\$43.50	\$0.04
561	20-Jul-10	15	7	\$42.37	Yes	\$43.50	\$1.13
562	20-Jul-10	15	8	\$49.51	Yes	\$43.50	-\$6.01
563	20-Jul-10	15	9	\$47.73	Yes	\$43.50	-\$4.23
564	20-Jul-10	15	10	\$43.46	Yes	\$43.50	\$0.04
565	20-Jul-10	15	11	\$42.34	Yes	\$43.50	\$1.16
566	20-Jul-10	15	12	\$42.43	Yes	\$43.50	\$1.07
567	20-Jul-10	16	1	\$39.92	Yes	\$43.50	\$3.58
568	20-Jul-10	16	2	\$38.55	Yes	\$43.50	\$4.95
569	20-Jul-10	16	3	\$41.20	Yes	\$43.50	\$2.30
570	20-Jul-10	16	4	\$42.03	Yes	\$43.50	\$1.47
571	20-Jul-10	16	5	\$41.82	Yes	\$43.50	\$1.68
572	20-Jul-10	16	6	\$41.94	Yes	\$43.50	\$1.56
573	20-Jul-10	16	7	\$41.95	Yes	\$43.50	\$1.55
574	20-Jul-10	16	8	\$42.03	Yes	\$43.50	\$1.47
575	20-Jul-10	16	9	\$41.96	Yes	\$43.50	\$1.54
576	20-Jul-10	16	10	\$41.59	Yes	\$43.50	\$1.91
577	20-Jul-10	16	11	\$41.95	Yes	\$43.50	\$1.55
578	20-Jul-10	16	12	\$42.39	Yes	\$43.50	\$1.11
579	20-Jul-10	17	1	\$42.45	Yes	\$43.50	\$1.05
580	20-Jul-10	17	2	\$42.81	Yes	\$43.50	\$0.69
581	20-Jul-10	17	3	\$42.41	Yes	\$43.50	\$1.09
582	20-Jul-10	17	4	\$41.56	Yes	\$43.50	\$1.94
583	20-Jul-10	17	5	\$41.88	Yes	\$43.50	\$1.62
584	20-Jul-10	17	6	\$41.91	Yes	\$43.50	\$1.59
585	20-Jul-10	17	7	\$41.91	Yes	\$43.50	\$1.59
586	20-Jul-10	17	8	\$41.91	Yes	\$43.50	\$1.59
587	20-Jul-10	17	9	\$41.80	Yes	\$43.50	\$1.70
588	20-Jul-10	17	10	\$41.81	Yes	\$43.50	\$1.69
589	20-Jul-10	17	11	\$41.29	Yes	\$43.50	\$2.21
590	20-Jul-10	17	12	\$40.44	Yes	\$43.50	\$3.06
591	20-Jul-10	18	1	\$43.22	Yes	\$43.50	\$0.28
592	20-Jul-10	18	2	\$42.44	Yes	\$43.50	\$1.06
593	20-Jul-10	18	3	\$42.44	Yes	\$43.50	\$1.06
594	20-Jul-10	18	4	\$42.25	Yes	\$43.50	\$1.25
595	20-Jul-10	18	5	\$42.00	Yes	\$43.50	\$1.50
596	20-Jul-10	18	6	\$41.75	Yes	\$43.50	\$1.75
597	20-Jul-10	18	7	\$41.62	Yes	\$43.50	\$1.88
598	20-Jul-10	18	8	\$41.45	Yes	\$43.50	\$2.05

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
599	20-Jul-10	18	9	\$41.85	Yes	\$43.50	\$1.65
600	20-Jul-10	18	10	\$41.15	Yes	\$43.50	\$2.35
601	20-Jul-10	18	11	\$40.56	Yes	\$43.50	\$2.94
602	20-Jul-10	18	12	\$38.12	Yes	\$43.50	\$5.38
603	20-Jul-10	19	1	\$42.92	Yes	\$43.50	\$0.58
604	20-Jul-10	19	2	\$41.92	Yes	\$43.50	\$1.58
605	20-Jul-10	19	3	\$39.68	Yes	\$43.50	\$3.82
606	20-Jul-10	19	4	\$37.98	Yes	\$43.50	\$5.52
607	20-Jul-10	19	5	\$39.87	Yes	\$43.50	\$3.63
608	20-Jul-10	19	6	\$38.13	Yes	\$43.50	\$5.37
609	20-Jul-10	19	7	\$38.12	Yes	\$43.50	\$5.38
610	20-Jul-10	19	8	\$37.95	Yes	\$43.50	\$5.55
611	20-Jul-10	19	9	\$37.53	Yes	\$43.50	\$5.97
612	20-Jul-10	19	10	\$32.86	Yes	\$43.50	\$10.64
613	20-Jul-10	19	11	\$33.49	Yes	\$43.50	\$10.01
614	20-Jul-10	19	12	\$33.49	Yes	\$43.50	\$10.01
615	20-Jul-10	20	1	\$33.44	Yes	\$43.50	\$10.06
616	20-Jul-10	20	2	\$35.26	Yes	\$43.50	\$8.24
617	20-Jul-10	20	3	\$32.65	Yes	\$43.50	\$10.85
618	20-Jul-10	20	4	\$31.49	Yes	\$43.50	\$12.01
619	20-Jul-10	20	5	\$31.37	Yes	\$43.50	\$12.13
620	20-Jul-10	20	6	\$30.44	Yes	\$43.50	\$13.06
621	20-Jul-10	20	7	\$30.56	Yes	\$43.50	\$12.94
622	20-Jul-10	20	8	\$31.08	Yes	\$43.50	\$12.42
623	20-Jul-10	20	9	\$31.06	Yes	\$43.50	\$12.44
624	20-Jul-10	20	10	\$31.04	Yes	\$43.50	\$12.46
625	20-Jul-10	20	11	\$30.31	Yes	\$43.50	\$13.19
626	20-Jul-10	20	12	\$30.31	Yes	\$43.50	\$13.19
627	20-Jul-10	21	1	\$31.40	Yes	\$43.50	\$12.10
628	20-Jul-10	21	2	\$31.40	Yes	\$43.50	\$12.10
629	20-Jul-10	21	3	\$31.06	Yes	\$43.50	\$12.44
630	20-Jul-10	21	4	\$30.72	Yes	\$43.50	\$12.78
631	20-Jul-10	21	5	\$31.30	Yes	\$43.50	\$12.20
632	20-Jul-10	21	6	\$31.30	Yes	\$43.50	\$12.20
633	20-Jul-10	21	7	\$31.42	Yes	\$43.50	\$12.08
634	20-Jul-10	21	8	\$31.43	Yes	\$43.50	\$12.07
635	20-Jul-10	21	9	\$31.43	Yes	\$43.50	\$12.07
636	20-Jul-10	21	10	\$31.42	Yes	\$43.50	\$12.08
637	20-Jul-10	21	11	\$31.10	Yes	\$43.50	\$12.40
638	20-Jul-10	21	12	\$31.10	Yes	\$43.50	\$12.40
639	21-Jul-10	2	1	\$32.76	Yes	\$43.62	\$10.86
640	21-Jul-10	2	2	\$31.29	Yes	\$43.62	\$12.33
641	21-Jul-10	2	3	\$29.28	Yes	\$43.62	\$14.34
642	21-Jul-10	2	4	\$29.28	Yes	\$43.62	\$14.34
643	21-Jul-10	2	5	\$29.04	Yes	\$43.62	\$14.58

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
644	21-Jul-10	2	6	\$28.46	Yes	\$43.62	\$15.16
645	21-Jul-10	2	7	\$26.82	Yes	\$43.62	\$16.80
646	21-Jul-10	2	8	\$29.17	Yes	\$43.62	\$14.45
647	21-Jul-10	2	9	\$29.36	Yes	\$43.62	\$14.26
648	21-Jul-10	2	10	\$29.08	Yes	\$43.62	\$14.54
649	21-Jul-10	2	11	\$28.93	Yes	\$43.62	\$14.69
650	21-Jul-10	2	12	\$28.93	Yes	\$43.62	\$14.69
651	21-Jul-10	3	1	\$30.89	Yes	\$43.62	\$12.73
652	21-Jul-10	3	2	\$30.89	Yes	\$43.62	\$12.73
653	21-Jul-10	3	3	\$30.89	Yes	\$43.62	\$12.73
654	21-Jul-10	3	4	\$32.74	Yes	\$43.62	\$10.88
655	21-Jul-10	3	5	\$31.46	Yes	\$43.62	\$12.16
656	21-Jul-10	3	6	\$31.83	Yes	\$43.62	\$11.79
657	21-Jul-10	3	7	\$31.44	Yes	\$43.62	\$12.18
658	21-Jul-10	3	8	\$30.99	Yes	\$43.62	\$12.63
659	21-Jul-10	3	9	\$31.27	Yes	\$43.62	\$12.35
660	21-Jul-10	3	10	\$30.93	Yes	\$43.62	\$12.69
661	21-Jul-10	3	11	\$30.90	Yes	\$43.62	\$12.72
662	21-Jul-10	3	12	\$29.30	Yes	\$43.62	\$14.32
663	21-Jul-10	4	1	\$29.22	Yes	\$43.62	\$14.40
664	21-Jul-10	4	2	\$28.86	Yes	\$43.62	\$14.76
665	21-Jul-10	4	3	\$28.74	Yes	\$43.62	\$14.88
666	21-Jul-10	4	4	\$28.43	Yes	\$43.62	\$15.19
667	21-Jul-10	4	5	\$28.72	Yes	\$43.62	\$14.90
668	21-Jul-10	4	6	\$28.72	Yes	\$43.62	\$14.90
669	21-Jul-10	4	7	\$26.68	Yes	\$43.62	\$16.94
670	21-Jul-10	4	8	\$21.91	Yes	\$43.62	\$21.71
671	21-Jul-10	4	9	\$16.83	Yes	\$43.62	\$26.79
672	21-Jul-10	4	10	\$24.68	Yes	\$43.62	\$18.94
673	21-Jul-10	4	11	\$24.68	Yes	\$43.62	\$18.94
674	21-Jul-10	4	12	\$21.88	Yes	\$43.62	\$21.74
675	21-Jul-10	5	1	\$19.79	Yes	\$43.62	\$23.83
676	21-Jul-10	5	2	\$19.79	Yes	\$43.62	\$23.83
677	21-Jul-10	5	3	\$24.61	Yes	\$43.62	\$19.01
678	21-Jul-10	5	4	\$26.67	Yes	\$43.62	\$16.95
679	21-Jul-10	5	5	\$28.44	Yes	\$43.62	\$15.18
680	21-Jul-10	5	6	\$28.56	Yes	\$43.62	\$15.06
681	21-Jul-10	5	7	\$28.82	Yes	\$43.62	\$14.80
682	21-Jul-10	5	8	\$28.91	Yes	\$43.62	\$14.71
683	21-Jul-10	5	9	\$29.25	Yes	\$43.62	\$14.37
684	21-Jul-10	5	10	\$29.23	Yes	\$43.62	\$14.39
685	21-Jul-10	5	11	\$29.27	Yes	\$43.62	\$14.35
686	21-Jul-10	5	12	\$31.47	Yes	\$43.62	\$12.15
687	21-Jul-10	6	1	\$28.79	Yes	\$43.62	\$14.83
688	21-Jul-10	6	2	\$29.03	Yes	\$43.62	\$14.59

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
689	21-Jul-10	6	3	\$29.74	Yes	\$43.62	\$13.88
690	21-Jul-10	6	4	\$29.31	Yes	\$43.62	\$14.31
691	21-Jul-10	6	5	\$30.84	Yes	\$43.62	\$12.78
692	21-Jul-10	6	6	\$31.48	Yes	\$43.62	\$12.14
693	21-Jul-10	6	7	\$32.00	Yes	\$43.62	\$11.62
694	21-Jul-10	6	8	\$32.00	Yes	\$43.62	\$11.62
695	21-Jul-10	6	9	\$32.74	Yes	\$43.62	\$10.88
696	21-Jul-10	6	10	\$32.78	Yes	\$43.62	\$10.84
697	21-Jul-10	6	11	\$32.78	Yes	\$43.62	\$10.84
698	21-Jul-10	6	12	\$32.78	Yes	\$43.62	\$10.84
699	21-Jul-10	7	1	\$30.95	Yes	\$43.62	\$12.67
700	21-Jul-10	7	2	\$30.95	Yes	\$43.62	\$12.67
701	21-Jul-10	7	3	\$30.56	Yes	\$43.62	\$13.06
702	21-Jul-10	7	4	\$31.00	Yes	\$43.62	\$12.62
703	21-Jul-10	7	5	\$30.43	Yes	\$43.62	\$13.19
704	21-Jul-10	7	6	\$30.95	Yes	\$43.62	\$12.67
705	21-Jul-10	7	7	\$31.01	Yes	\$43.62	\$12.61
706	21-Jul-10	7	8	\$31.47	Yes	\$43.62	\$12.15
707	21-Jul-10	7	9	\$31.50	Yes	\$43.62	\$12.12
708	21-Jul-10	7	10	\$35.55	Yes	\$43.62	\$8.07
709	21-Jul-10	7	11	\$38.27	Yes	\$43.62	\$5.35
710	21-Jul-10	7	12	\$40.36	Yes	\$43.62	\$3.26
711	21-Jul-10	8	1	\$31.69	Yes	\$43.62	\$11.93
712	21-Jul-10	8	2	\$31.67	Yes	\$43.62	\$11.95
713	21-Jul-10	8	3	\$31.67	Yes	\$43.62	\$11.95
714	21-Jul-10	8	4	\$30.66	Yes	\$43.62	\$12.96
715	21-Jul-10	8	5	\$31.66	Yes	\$43.62	\$11.96
716	21-Jul-10	8	6	\$31.66	Yes	\$43.62	\$11.96
717	21-Jul-10	8	7	\$32.79	Yes	\$43.62	\$10.83
718	21-Jul-10	8	8	\$32.79	Yes	\$43.62	\$10.83
719	21-Jul-10	8	9	\$33.76	Yes	\$43.62	\$9.86
720	21-Jul-10	8	10	\$34.00	Yes	\$43.62	\$9.62
721	21-Jul-10	8	11	\$34.39	Yes	\$43.62	\$9.23
722	21-Jul-10	8	12	\$33.66	Yes	\$43.62	\$9.96
723	21-Jul-10	9	1	\$31.82	Yes	\$43.62	\$11.80
724	21-Jul-10	9	2	\$29.43	Yes	\$43.62	\$14.19
725	21-Jul-10	9	3	\$29.97	Yes	\$43.62	\$13.65
726	21-Jul-10	9	4	\$29.97	Yes	\$43.62	\$13.65
727	21-Jul-10	9	5	\$30.34	Yes	\$43.62	\$13.28
728	21-Jul-10	9	6	\$30.97	Yes	\$43.62	\$12.65
729	21-Jul-10	9	7	\$29.96	Yes	\$43.62	\$13.66
730	21-Jul-10	9	8	\$30.84	Yes	\$43.62	\$12.78
731	21-Jul-10	9	9	\$31.07	Yes	\$43.62	\$12.55
732	21-Jul-10	9	10	\$31.38	Yes	\$43.62	\$12.24
733	21-Jul-10	9	11	\$31.78	Yes	\$43.62	\$11.84

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
734	21-Jul-10	9	12	\$32.54	Yes	\$43.62	\$11.08
735	21-Jul-10	10	1	\$29.80	Yes	\$43.62	\$13.82
736	21-Jul-10	10	2	\$28.88	Yes	\$43.62	\$14.74
737	21-Jul-10	10	3	\$29.13	Yes	\$43.62	\$14.49
738	21-Jul-10	10	4	\$28.48	Yes	\$43.62	\$15.14
739	21-Jul-10	10	5	\$29.25	Yes	\$43.62	\$14.37
740	21-Jul-10	10	6	\$30.95	Yes	\$43.62	\$12.67
741	21-Jul-10	10	7	\$31.65	Yes	\$43.62	\$11.97
742	21-Jul-10	10	8	\$31.64	Yes	\$43.62	\$11.98
743	21-Jul-10	10	9	\$31.85	Yes	\$43.62	\$11.77
744	21-Jul-10	10	10	\$31.20	Yes	\$43.62	\$12.42
745	21-Jul-10	10	11	\$31.20	Yes	\$43.62	\$12.42
746	21-Jul-10	10	12	\$32.71	Yes	\$43.62	\$10.91
747	21-Jul-10	11	1	\$29.65	Yes	\$43.62	\$13.97
748	21-Jul-10	11	2	\$30.82	Yes	\$43.62	\$12.80
749	21-Jul-10	11	2	\$30.82	Yes	\$43.94	\$13.12
750	21-Jul-10	11	3	\$31.22	Yes	\$43.94	\$12.72
751	21-Jul-10	11	3	\$31.22	Yes	\$43.62	\$12.40
752	21-Jul-10	11	4	\$31.55	Yes	\$43.62	\$12.07
753	21-Jul-10	11	4	\$31.55	Yes	\$43.94	\$12.39
754	21-Jul-10	11	5	\$31.55	Yes	\$43.62	\$12.07
755	21-Jul-10	11	5	\$31.55	Yes	\$43.94	\$12.39
756	21-Jul-10	11	6	\$31.21	Yes	\$43.62	\$12.41
757	21-Jul-10	11	6	\$31.21	Yes	\$43.94	\$12.73
758	21-Jul-10	11	7	\$31.57	Yes	\$43.94	\$12.37
759	21-Jul-10	11	7	\$31.57	Yes	\$43.62	\$12.05
760	21-Jul-10	11	8	\$31.68	Yes	\$43.94	\$12.26
761	21-Jul-10	11	8	\$31.68	Yes	\$43.62	\$11.94
762	21-Jul-10	11	9	\$31.68	Yes	\$43.62	\$11.94
763	21-Jul-10	11	9	\$31.68	Yes	\$43.94	\$12.26
764	21-Jul-10	11	10	\$32.75	Yes	\$43.62	\$10.87
765	21-Jul-10	11	10	\$32.75	Yes	\$43.94	\$11.19
766	21-Jul-10	11	11	\$34.63	Yes	\$43.94	\$9.31
767	21-Jul-10	11	11	\$34.63	Yes	\$43.62	\$8.99
768	21-Jul-10	11	12	\$37.18	Yes	\$43.62	\$6.44
769	21-Jul-10	11	12	\$37.18	Yes	\$43.94	\$6.76
770	21-Jul-10	12	1	\$32.02	Yes	\$43.94	\$11.92
771	21-Jul-10	12	1	\$32.02	Yes	\$43.62	\$11.60
772	21-Jul-10	12	2	\$32.75	Yes	\$43.62	\$10.87
773	21-Jul-10	12	2	\$32.75	Yes	\$43.94	\$11.19
774	21-Jul-10	12	3	\$33.57	Yes	\$43.94	\$10.37
775	21-Jul-10	12	3	\$33.57	Yes	\$43.62	\$10.05
776	21-Jul-10	12	4	\$33.65	Yes	\$43.62	\$9.97
777	21-Jul-10	12	4	\$33.65	Yes	\$43.94	\$10.29
778	21-Jul-10	12	5	\$33.74	Yes	\$43.94	\$10.20

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
779	21-Jul-10	12	5	\$33.74	Yes	\$43.62	\$9.88
780	21-Jul-10	12	6	\$35.59	Yes	\$43.62	\$8.03
781	21-Jul-10	12	6	\$35.59	Yes	\$43.94	\$8.35
782	21-Jul-10	12	7	\$37.76	Yes	\$43.94	\$6.18
783	21-Jul-10	12	7	\$37.76	Yes	\$43.62	\$5.86
784	21-Jul-10	12	8	\$37.92	Yes	\$43.62	\$5.70
785	21-Jul-10	12	8	\$37.92	Yes	\$43.94	\$6.02
786	21-Jul-10	12	9	\$37.92	Yes	\$43.94	\$6.02
787	21-Jul-10	12	9	\$37.92	Yes	\$43.62	\$5.70
788	21-Jul-10	12	10	\$32.69	Yes	\$43.94	\$11.25
789	21-Jul-10	12	10	\$32.69	Yes	\$43.62	\$10.93
790	21-Jul-10	12	11	\$33.83	Yes	\$43.94	\$10.11
791	21-Jul-10	12	11	\$33.83	Yes	\$43.62	\$9.79
792	21-Jul-10	12	12	\$38.46	Yes	\$43.94	\$5.48
793	21-Jul-10	12	12	\$38.46	Yes	\$43.62	\$5.16
794	21-Jul-10	13	1	\$30.54	Yes	\$43.94	\$13.40
795	21-Jul-10	13	1	\$30.54	Yes	\$43.62	\$13.08
796	21-Jul-10	13	2	\$31.71	Yes	\$43.94	\$12.23
797	21-Jul-10	13	2	\$31.71	Yes	\$43.62	\$11.91
798	21-Jul-10	13	3	\$32.46	Yes	\$43.62	\$11.16
799	21-Jul-10	13	3	\$32.46	Yes	\$43.94	\$11.48
800	21-Jul-10	13	4	\$32.75	Yes	\$43.62	\$10.87
801	21-Jul-10	13	4	\$32.75	Yes	\$43.94	\$11.19
802	21-Jul-10	13	5	\$32.99	Yes	\$43.62	\$10.63
803	21-Jul-10	13	5	\$32.99	Yes	\$43.94	\$10.95
804	21-Jul-10	13	6	\$32.99	Yes	\$43.62	\$10.63
805	21-Jul-10	13	6	\$32.99	Yes	\$43.94	\$10.95
806	21-Jul-10	13	7	\$34.18	Yes	\$43.94	\$9.76
807	21-Jul-10	13	7	\$34.18	Yes	\$43.62	\$9.44
808	21-Jul-10	13	8	\$35.86	Yes	\$43.62	\$7.76
809	21-Jul-10	13	8	\$35.86	Yes	\$43.94	\$8.08
810	21-Jul-10	13	9	\$36.13	Yes	\$43.94	\$7.81
811	21-Jul-10	13	9	\$36.13	Yes	\$43.62	\$7.49
812	21-Jul-10	13	10	\$34.65	Yes	\$43.94	\$9.29
813	21-Jul-10	13	10	\$34.65	Yes	\$43.62	\$8.97
814	21-Jul-10	13	11	\$36.29	Yes	\$43.94	\$7.65
815	21-Jul-10	13	11	\$36.29	Yes	\$43.62	\$7.33
816	21-Jul-10	13	12	\$38.72	Yes	\$43.62	\$4.90
817	21-Jul-10	13	12	\$38.72	Yes	\$43.94	\$5.22
818	21-Jul-10	14	1	\$29.74	Yes	\$43.94	\$14.20
819	21-Jul-10	14	1	\$29.74	Yes	\$43.62	\$13.88
820	21-Jul-10	14	2	\$30.81	Yes	\$43.62	\$12.81
821	21-Jul-10	14	2	\$30.81	Yes	\$43.94	\$13.13
822	21-Jul-10	14	3	\$31.52	Yes	\$43.94	\$12.42
823	21-Jul-10	14	3	\$31.52	Yes	\$43.62	\$12.10

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
824	21-Jul-10	14	4	\$31.74	Yes	\$43.62	\$11.88
825	21-Jul-10	14	4	\$31.74	Yes	\$43.94	\$12.20
826	21-Jul-10	14	5	\$31.49	Yes	\$43.94	\$12.45
827	21-Jul-10	14	5	\$31.49	Yes	\$43.62	\$12.13
828	21-Jul-10	14	6	\$31.74	Yes	\$43.94	\$12.20
829	21-Jul-10	14	6	\$31.74	Yes	\$43.62	\$11.88
830	21-Jul-10	14	7	\$31.80	Yes	\$43.62	\$11.82
831	21-Jul-10	14	7	\$31.80	Yes	\$43.94	\$12.14
832	21-Jul-10	14	8	\$31.84	Yes	\$43.94	\$12.10
833	21-Jul-10	14	8	\$31.84	Yes	\$43.62	\$11.78
834	21-Jul-10	14	9	\$32.65	Yes	\$43.94	\$11.29
835	21-Jul-10	14	9	\$32.65	Yes	\$43.62	\$10.97
836	21-Jul-10	14	10	\$32.92	Yes	\$43.94	\$11.02
837	21-Jul-10	14	10	\$32.92	Yes	\$43.62	\$10.70
838	21-Jul-10	14	11	\$33.07	Yes	\$43.94	\$10.87
839	21-Jul-10	14	11	\$33.07	Yes	\$43.62	\$10.55
840	21-Jul-10	14	12	\$33.07	Yes	\$43.62	\$10.55
841	21-Jul-10	14	12	\$33.07	Yes	\$43.94	\$10.87
842	21-Jul-10	15	1	\$30.95	Yes	\$43.62	\$12.67
843	21-Jul-10	15	1	\$30.95	Yes	\$43.94	\$12.99
844	21-Jul-10	15	2	\$30.06	Yes	\$43.62	\$13.56
845	21-Jul-10	15	2	\$30.06	Yes	\$43.94	\$13.88
846	21-Jul-10	15	3	\$31.49	Yes	\$43.94	\$12.45
847	21-Jul-10	15	3	\$31.49	Yes	\$43.62	\$12.13
848	21-Jul-10	15	4	\$31.50	Yes	\$43.62	\$12.12
849	21-Jul-10	15	4	\$31.50	Yes	\$43.94	\$12.44
850	21-Jul-10	15	5	\$31.71	Yes	\$43.94	\$12.23
851	21-Jul-10	15	5	\$31.71	Yes	\$43.62	\$11.91
852	21-Jul-10	15	6	\$31.71	Yes	\$43.94	\$12.23
853	21-Jul-10	15	6	\$31.71	Yes	\$43.62	\$11.91
854	21-Jul-10	15	7	\$31.82	Yes	\$43.94	\$12.12
855	21-Jul-10	15	7	\$31.82	Yes	\$43.62	\$11.80
856	21-Jul-10	15	8	\$32.63	Yes	\$43.94	\$11.31
857	21-Jul-10	15	8	\$32.63	Yes	\$43.62	\$10.99
858	21-Jul-10	15	9	\$32.65	Yes	\$43.94	\$11.29
859	21-Jul-10	15	9	\$32.65	Yes	\$43.62	\$10.97
860	21-Jul-10	15	10	\$33.64	Yes	\$43.62	\$9.98
861	21-Jul-10	15	10	\$33.64	Yes	\$43.94	\$10.30
862	21-Jul-10	15	11	\$34.03	Yes	\$43.94	\$9.91
863	21-Jul-10	15	11	\$34.03	Yes	\$43.62	\$9.59
864	21-Jul-10	15	12	\$34.46	Yes	\$43.94	\$9.48
865	21-Jul-10	15	12	\$34.46	Yes	\$43.62	\$9.16
866	21-Jul-10	16	1	\$36.59	Yes	\$43.62	\$7.03
867	21-Jul-10	16	1	\$36.59	Yes	\$43.94	\$7.35
868	21-Jul-10	16	2	\$36.59	Yes	\$43.94	\$7.35

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
869	21-Jul-10	16	2	\$36.59	Yes	\$43.62	\$7.03
870	21-Jul-10	16	3	\$35.94	Yes	\$43.62	\$7.68
871	21-Jul-10	16	3	\$35.94	Yes	\$43.94	\$8.00
872	21-Jul-10	16	4	\$34.70	Yes	\$43.62	\$8.92
873	21-Jul-10	16	4	\$34.70	Yes	\$43.94	\$9.24
874	21-Jul-10	16	5	\$34.70	Yes	\$43.94	\$9.24
875	21-Jul-10	16	5	\$34.70	Yes	\$43.62	\$8.92
876	21-Jul-10	16	6	\$38.42	Yes	\$43.62	\$5.20
877	21-Jul-10	16	6	\$38.42	Yes	\$43.94	\$5.52
878	21-Jul-10	16	7	\$38.44	Yes	\$43.94	\$5.50
879	21-Jul-10	16	7	\$38.44	Yes	\$43.62	\$5.18
880	21-Jul-10	16	8	\$39.20	Yes	\$43.62	\$4.42
881	21-Jul-10	16	8	\$39.20	Yes	\$43.94	\$4.74
882	21-Jul-10	16	9	\$39.20	Yes	\$43.94	\$4.74
883	21-Jul-10	16	9	\$39.20	Yes	\$43.62	\$4.42
884	21-Jul-10	16	10	\$39.20	Yes	\$43.62	\$4.42
885	21-Jul-10	16	10	\$39.20	Yes	\$43.94	\$4.74
886	21-Jul-10	16	11	\$39.20	Yes	\$43.94	\$4.74
887	21-Jul-10	16	11	\$39.20	Yes	\$43.62	\$4.42
888	21-Jul-10	16	12	\$36.13	Yes	\$43.94	\$7.81
889	21-Jul-10	16	12	\$36.13	Yes	\$43.62	\$7.49
890	21-Jul-10	17	1	\$36.14	Yes	\$43.94	\$7.80
891	21-Jul-10	17	1	\$36.14	Yes	\$43.62	\$7.48
892	21-Jul-10	17	2	\$35.84	Yes	\$43.62	\$7.78
893	21-Jul-10	17	2	\$35.84	Yes	\$43.94	\$8.10
894	21-Jul-10	17	3	\$36.14	Yes	\$43.62	\$7.48
895	21-Jul-10	17	3	\$36.14	Yes	\$43.94	\$7.80
896	21-Jul-10	17	4	\$36.62	Yes	\$43.62	\$7.00
897	21-Jul-10	17	4	\$36.62	Yes	\$43.94	\$7.32
898	21-Jul-10	17	5	\$36.62	Yes	\$43.62	\$7.00
899	21-Jul-10	17	5	\$36.62	Yes	\$43.94	\$7.32
900	21-Jul-10	17	6	\$36.62	Yes	\$43.94	\$7.32
901	21-Jul-10	17	6	\$36.62	Yes	\$43.62	\$7.00
902	21-Jul-10	17	7	\$36.61	Yes	\$43.94	\$7.33
903	21-Jul-10	17	7	\$36.61	Yes	\$43.62	\$7.01
904	21-Jul-10	17	8	\$36.62	Yes	\$43.62	\$7.00
905	21-Jul-10	17	8	\$36.62	Yes	\$43.94	\$7.32
906	21-Jul-10	17	9	\$35.92	Yes	\$43.94	\$8.02
907	21-Jul-10	17	9	\$35.92	Yes	\$43.62	\$7.70
908	21-Jul-10	17	10	\$34.99	Yes	\$43.94	\$8.95
909	21-Jul-10	17	10	\$34.99	Yes	\$43.62	\$8.63
910	21-Jul-10	17	11	\$34.99	Yes	\$43.94	\$8.95
911	21-Jul-10	17	11	\$34.99	Yes	\$43.62	\$8.63
912	21-Jul-10	17	12	\$34.88	Yes	\$43.94	\$9.06
913	21-Jul-10	17	12	\$34.88	Yes	\$43.62	\$8.74

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
914	21-Jul-10	18	1	\$38.39	Yes	\$43.94	\$5.55
915	21-Jul-10	18	1	\$38.39	Yes	\$43.62	\$5.23
916	21-Jul-10	18	2	\$36.64	Yes	\$43.62	\$6.98
917	21-Jul-10	18	2	\$36.64	Yes	\$43.94	\$7.30
918	21-Jul-10	18	3	\$36.67	Yes	\$43.62	\$6.95
919	21-Jul-10	18	3	\$36.67	Yes	\$43.94	\$7.27
920	21-Jul-10	18	4	\$36.65	Yes	\$43.94	\$7.29
921	21-Jul-10	18	4	\$36.65	Yes	\$43.62	\$6.97
922	21-Jul-10	18	5	\$35.87	Yes	\$43.94	\$8.07
923	21-Jul-10	18	5	\$35.87	Yes	\$43.62	\$7.75
924	21-Jul-10	18	6	\$35.16	Yes	\$43.62	\$8.46
925	21-Jul-10	18	6	\$35.16	Yes	\$43.94	\$8.78
926	21-Jul-10	18	7	\$34.67	Yes	\$43.94	\$9.27
927	21-Jul-10	18	7	\$34.67	Yes	\$43.62	\$8.95
928	21-Jul-10	18	8	\$33.78	Yes	\$43.94	\$10.16
929	21-Jul-10	18	8	\$33.78	Yes	\$43.62	\$9.84
930	21-Jul-10	18	9	\$33.59	Yes	\$43.94	\$10.35
931	21-Jul-10	18	9	\$33.59	Yes	\$43.62	\$10.03
932	21-Jul-10	18	10	\$32.73	Yes	\$43.94	\$11.21
933	21-Jul-10	18	10	\$32.73	Yes	\$43.62	\$10.89
934	21-Jul-10	18	11	\$34.19	Yes	\$43.94	\$9.75
935	21-Jul-10	18	11	\$34.19	Yes	\$43.62	\$9.43
936	21-Jul-10	18	12	\$32.58	Yes	\$43.62	\$11.04
937	21-Jul-10	18	12	\$32.58	Yes	\$43.94	\$11.36
938	21-Jul-10	19	1	\$39.17	Yes	\$43.62	\$4.45
939	21-Jul-10	19	1	\$39.17	Yes	\$43.94	\$4.77
940	21-Jul-10	19	2	\$40.13	Yes	\$43.94	\$3.81
941	21-Jul-10	19	2	\$40.13	Yes	\$43.62	\$3.49
942	21-Jul-10	19	3	\$36.61	Yes	\$43.62	\$7.01
943	21-Jul-10	19	3	\$36.61	Yes	\$43.94	\$7.33
944	21-Jul-10	19	4	\$36.63	Yes	\$43.94	\$7.31
945	21-Jul-10	19	4	\$36.63	Yes	\$43.62	\$6.99
946	21-Jul-10	19	5	\$38.24	Yes	\$43.62	\$5.38
947	21-Jul-10	19	5	\$38.24	Yes	\$43.94	\$5.70
948	21-Jul-10	19	6	\$38.24	Yes	\$43.62	\$5.38
949	21-Jul-10	19	6	\$38.24	Yes	\$43.94	\$5.70
950	21-Jul-10	19	7	\$36.62	Yes	\$43.62	\$7.00
951	21-Jul-10	19	7	\$36.62	Yes	\$43.94	\$7.32
952	21-Jul-10	19	8	\$36.62	Yes	\$43.94	\$7.32
953	21-Jul-10	19	8	\$36.62	Yes	\$43.62	\$7.00
954	21-Jul-10	19	9	\$36.62	Yes	\$43.94	\$7.32
955	21-Jul-10	19	9	\$36.62	Yes	\$43.62	\$7.00
956	21-Jul-10	19	10	\$33.66	Yes	\$43.62	\$9.96
957	21-Jul-10	19	10	\$33.66	Yes	\$43.94	\$10.28
958	21-Jul-10	19	11	\$32.50	Yes	\$43.62	\$11.12

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
959	21-Jul-10	19	11	\$32.50	Yes	\$43.94	\$11.44
960	21-Jul-10	19	12	\$29.55	Yes	\$43.62	\$14.07
961	21-Jul-10	19	12	\$29.55	Yes	\$43.94	\$14.39
962	21-Jul-10	20	1	\$31.84	Yes	\$43.62	\$11.78
963	21-Jul-10	20	1	\$31.84	Yes	\$43.94	\$12.10
964	21-Jul-10	20	2	\$31.59	Yes	\$43.94	\$12.35
965	21-Jul-10	20	2	\$31.59	Yes	\$43.62	\$12.03
966	21-Jul-10	20	3	\$28.51	Yes	\$43.62	\$15.11
967	21-Jul-10	20	3	\$28.51	Yes	\$43.94	\$15.43
968	21-Jul-10	20	4	\$29.48	Yes	\$43.62	\$14.14
969	21-Jul-10	20	4	\$29.48	Yes	\$43.94	\$14.46
970	21-Jul-10	20	5	\$29.61	Yes	\$43.62	\$14.01
971	21-Jul-10	20	5	\$29.61	Yes	\$43.94	\$14.33
972	21-Jul-10	20	6	\$30.30	Yes	\$43.62	\$13.32
973	21-Jul-10	20	6	\$30.30	Yes	\$43.94	\$13.64
974	21-Jul-10	20	7	\$30.92	Yes	\$43.94	\$13.02
975	21-Jul-10	20	7	\$30.92	Yes	\$43.62	\$12.70
976	21-Jul-10	20	8	\$31.10	Yes	\$43.94	\$12.84
977	21-Jul-10	20	8	\$31.10	Yes	\$43.62	\$12.52
978	21-Jul-10	20	9	\$31.10	Yes	\$43.94	\$12.84
979	21-Jul-10	20	9	\$31.10	Yes	\$43.62	\$12.52
980	21-Jul-10	20	10	\$31.54	Yes	\$43.94	\$12.40
981	21-Jul-10	20	10	\$31.54	Yes	\$43.62	\$12.08
982	21-Jul-10	20	11	\$31.54	Yes	\$43.62	\$12.08
983	21-Jul-10	20	11	\$31.54	Yes	\$43.94	\$12.40
984	21-Jul-10	20	12	\$30.30	Yes	\$43.62	\$13.32
985	21-Jul-10	20	12	\$30.30	Yes	\$43.94	\$13.64
986	21-Jul-10	21	1	\$30.63	Yes	\$43.94	\$13.31
987	21-Jul-10	21	1	\$30.63	Yes	\$43.62	\$12.99
988	21-Jul-10	21	2	\$30.63	Yes	\$43.62	\$12.99
989	21-Jul-10	21	2	\$30.63	Yes	\$43.94	\$13.31
990	21-Jul-10	21	3	\$30.11	Yes	\$43.94	\$13.83
991	21-Jul-10	21	3	\$30.11	Yes	\$43.62	\$13.51
992	21-Jul-10	21	4	\$30.63	Yes	\$43.62	\$12.99
993	21-Jul-10	21	4	\$30.63	Yes	\$43.94	\$13.31
994	21-Jul-10	21	5	\$30.63	Yes	\$43.94	\$13.31
995	21-Jul-10	21	5	\$30.63	Yes	\$43.62	\$12.99
996	21-Jul-10	21	6	\$31.18	Yes	\$43.62	\$12.44
997	21-Jul-10	21	6	\$31.18	Yes	\$43.94	\$12.76
998	21-Jul-10	21	7	\$30.99	Yes	\$43.62	\$12.63
999	21-Jul-10	21	7	\$30.99	Yes	\$43.94	\$12.95
1000	21-Jul-10	21	8	\$31.61	Yes	\$43.94	\$12.33
1001	21-Jul-10	21	8	\$31.61	Yes	\$43.62	\$12.01
1002	21-Jul-10	21	9	\$31.61	Yes	\$43.94	\$12.33
1003	21-Jul-10	21	9	\$31.61	Yes	\$43.62	\$12.01

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1004	21-Jul-10	21	10	\$31.17	Yes	\$43.94	\$12.77
1005	21-Jul-10	21	10	\$31.17	Yes	\$43.62	\$12.45
1006	21-Jul-10	21	11	\$30.64	Yes	\$43.94	\$13.30
1007	21-Jul-10	21	11	\$30.64	Yes	\$43.62	\$12.98
1008	21-Jul-10	21	12	\$30.64	Yes	\$43.94	\$13.30
1009	21-Jul-10	21	12	\$30.64	Yes	\$43.62	\$12.98
1010	21-Jul-10	22	1	\$31.56	Yes	\$43.62	\$12.06
1011	21-Jul-10	22	1	\$31.56	Yes	\$43.94	\$12.38
1012	21-Jul-10	22	2	\$31.56	Yes	\$43.62	\$12.06
1013	21-Jul-10	22	2	\$31.56	Yes	\$43.94	\$12.38
1014	21-Jul-10	22	3	\$31.44	Yes	\$43.62	\$12.18
1015	21-Jul-10	22	3	\$31.44	Yes	\$43.94	\$12.50
1016	21-Jul-10	22	4	\$30.34	Yes	\$43.94	\$13.60
1017	21-Jul-10	22	4	\$30.34	Yes	\$43.62	\$13.28
1018	21-Jul-10	22	5	\$29.37	Yes	\$43.62	\$14.25
1019	21-Jul-10	22	5	\$29.37	Yes	\$43.94	\$14.57
1020	21-Jul-10	22	6	\$28.47	Yes	\$43.94	\$15.47
1021	21-Jul-10	22	6	\$28.47	Yes	\$43.62	\$15.15
1022	21-Jul-10	22	7	\$28.42	Yes	\$43.94	\$15.52
1023	21-Jul-10	22	7	\$28.42	Yes	\$43.62	\$15.20
1024	21-Jul-10	22	8	\$28.43	Yes	\$43.62	\$15.19
1025	21-Jul-10	22	8	\$28.43	Yes	\$43.94	\$15.51
1026	21-Jul-10	22	9	\$26.96	Yes	\$43.94	\$16.98
1027	21-Jul-10	22	9	\$26.96	Yes	\$43.62	\$16.66
1028	21-Jul-10	22	10	\$26.90	Yes	\$43.94	\$17.04
1029	21-Jul-10	22	10	\$26.90	Yes	\$43.62	\$16.72
1030	21-Jul-10	22	11	\$26.79	Yes	\$43.62	\$16.83
1031	21-Jul-10	22	11	\$26.79	Yes	\$43.94	\$17.15
1032	21-Jul-10	22	12	\$25.55	Yes	\$43.94	\$18.39
1033	21-Jul-10	22	12	\$25.55	Yes	\$43.62	\$18.07
1034	21-Jul-10	23	1	\$31.62	Yes	\$43.62	\$12.00
1035	21-Jul-10	23	2	\$31.62	Yes	\$43.62	\$12.00
1036	21-Jul-10	23	3	\$30.04	Yes	\$43.62	\$13.58
1037	21-Jul-10	23	4	\$29.45	Yes	\$43.62	\$14.17
1038	21-Jul-10	23	5	\$26.96	Yes	\$43.62	\$16.66
1039	21-Jul-10	23	6	\$28.82	Yes	\$43.62	\$14.80
1040	21-Jul-10	23	7	\$28.42	Yes	\$43.62	\$15.20
1041	21-Jul-10	23	8	\$28.41	Yes	\$43.62	\$15.21
1042	21-Jul-10	23	9	\$27.48	Yes	\$43.62	\$16.14
1043	21-Jul-10	23	10	\$15.41	Yes	\$43.62	\$28.21
1044	21-Jul-10	23	11	\$15.26	Yes	\$43.62	\$28.36
1045	21-Jul-10	23	12	\$0.45	Yes	\$43.62	\$43.17
1046	21-Jul-10	24	1	\$31.29	Yes	\$43.62	\$12.33
1047	21-Jul-10	24	2	\$16.04	Yes	\$43.62	\$27.58
1048	21-Jul-10	24	3	\$16.04	Yes	\$43.62	\$27.58

Department of Market Services – California ISO

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1049	21-Jul-10	24	4	\$30.08	Yes	\$43.62	\$13.54
1050	21-Jul-10	24	5	\$28.64	Yes	\$43.62	\$14.98
1051	21-Jul-10	24	6	\$28.64	Yes	\$43.62	\$14.98
1052	21-Jul-10	24	7	\$21.02	Yes	\$43.62	\$22.60
1053	21-Jul-10	24	8	\$20.71	Yes	\$43.62	\$22.91
1054	21-Jul-10	24	9	\$14.98	Yes	\$43.62	\$28.64
1055	21-Jul-10	24	10	\$14.83	Yes	\$43.62	\$28.79
1056	21-Jul-10	24	11	\$14.83	Yes	\$43.62	\$28.79
1057	21-Jul-10	24	12	\$14.83	Yes	\$43.62	\$28.79
1058	22-Jul-10	1	1	\$39.83	Yes	\$44.50	\$4.67
1059	22-Jul-10	1	2	\$43.61	Yes	\$44.50	\$0.89
1060	22-Jul-10	1	3	\$43.61	Yes	\$44.50	\$0.89
1061	22-Jul-10	1	4	\$43.61	Yes	\$44.50	\$0.89
1062	22-Jul-10	1	5	\$33.73	Yes	\$44.50	\$10.77
1063	22-Jul-10	1	6	\$29.36	Yes	\$44.50	\$15.14
1064	22-Jul-10	1	7	\$29.65	Yes	\$44.50	\$14.85
1065	22-Jul-10	1	8	\$30.35	Yes	\$44.50	\$14.15
1066	22-Jul-10	1	9	\$30.35	Yes	\$44.50	\$14.15
1067	22-Jul-10	1	10	\$29.51	Yes	\$44.50	\$14.99
1068	22-Jul-10	1	11	\$29.35	Yes	\$44.50	\$15.15
1069	22-Jul-10	1	12	\$29.35	Yes	\$44.50	\$15.15
1070	22-Jul-10	2	1	\$41.02	Yes	\$44.50	\$3.48
1071	22-Jul-10	2	2	\$39.17	Yes	\$44.50	\$5.33
1072	22-Jul-10	2	3	\$32.42	Yes	\$44.50	\$12.08
1073	22-Jul-10	2	4	\$32.44	Yes	\$44.50	\$12.06
1074	22-Jul-10	2	5	\$31.54	Yes	\$44.50	\$12.96
1075	22-Jul-10	2	6	\$30.30	Yes	\$44.50	\$14.20
1076	22-Jul-10	2	7	\$29.81	Yes	\$44.50	\$14.69
1077	22-Jul-10	2	8	\$32.42	Yes	\$44.50	\$12.08
1078	22-Jul-10	2	9	\$32.35	Yes	\$44.50	\$12.15
1079	22-Jul-10	2	10	\$30.32	Yes	\$44.50	\$14.18
1080	22-Jul-10	2	11	\$29.97	Yes	\$44.50	\$14.53
1081	22-Jul-10	2	12	\$29.97	Yes	\$44.50	\$14.53
1082	22-Jul-10	3	1	\$31.56	Yes	\$44.50	\$12.94
1083	22-Jul-10	3	2	\$31.56	Yes	\$44.50	\$12.94
1084	22-Jul-10	3	3	\$30.83	Yes	\$44.50	\$13.67
1085	22-Jul-10	3	4	\$30.28	Yes	\$44.50	\$14.22
1086	22-Jul-10	3	5	\$30.02	Yes	\$44.50	\$14.48
1087	22-Jul-10	3	6	\$30.02	Yes	\$44.50	\$14.48
1088	22-Jul-10	3	7	\$29.74	Yes	\$44.50	\$14.76
1089	22-Jul-10	3	8	\$29.73	Yes	\$44.50	\$14.77
1090	22-Jul-10	3	9	\$29.73	Yes	\$44.50	\$14.77
1091	22-Jul-10	3	10	\$29.66	Yes	\$44.50	\$14.84
1092	22-Jul-10	3	11	\$29.53	Yes	\$44.50	\$14.97
1093	22-Jul-10	3	12	\$29.37	Yes	\$44.50	\$15.13

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1094	22-Jul-10	4	1	\$29.66	Yes	\$44.50	\$14.84
1095	22-Jul-10	4	2	\$29.55	Yes	\$44.50	\$14.95
1096	22-Jul-10	4	3	\$29.08	Yes	\$44.50	\$15.42
1097	22-Jul-10	4	4	\$29.08	Yes	\$44.50	\$15.42
1098	22-Jul-10	4	5	\$29.14	Yes	\$44.50	\$15.36
1099	22-Jul-10	4	6	\$29.44	Yes	\$44.50	\$15.06
1100	22-Jul-10	4	7	\$29.14	Yes	\$44.50	\$15.36
1101	22-Jul-10	4	8	\$29.42	Yes	\$44.50	\$15.08
1102	22-Jul-10	4	9	\$29.42	Yes	\$44.50	\$15.08
1103	22-Jul-10	4	10	\$29.51	Yes	\$44.50	\$14.99
1104	22-Jul-10	4	11	\$29.39	Yes	\$44.50	\$15.11
1105	22-Jul-10	4	12	\$29.39	Yes	\$44.50	\$15.11
1106	22-Jul-10	5	1	\$29.43	Yes	\$44.50	\$15.07
1107	22-Jul-10	5	2	\$29.43	Yes	\$44.50	\$15.07
1108	22-Jul-10	5	3	\$29.43	Yes	\$44.50	\$15.07
1109	22-Jul-10	5	4	\$29.51	Yes	\$44.50	\$14.99
1110	22-Jul-10	5	5	\$29.56	Yes	\$44.50	\$14.94
1111	22-Jul-10	5	6	\$29.76	Yes	\$44.50	\$14.74
1112	22-Jul-10	5	7	\$29.84	Yes	\$44.50	\$14.66
1113	22-Jul-10	5	8	\$29.80	Yes	\$44.50	\$14.70
1114	22-Jul-10	5	9	\$29.58	Yes	\$44.50	\$14.92
1115	22-Jul-10	5	10	\$32.42	Yes	\$44.50	\$12.08
1116	22-Jul-10	5	11	\$32.42	Yes	\$44.50	\$12.08
1117	22-Jul-10	5	12	\$35.78	Yes	\$44.50	\$8.72
1118	22-Jul-10	6	1	\$15.96	Yes	\$44.50	\$28.54
1119	22-Jul-10	6	2	\$14.00	Yes	\$44.50	\$30.50
1120	22-Jul-10	6	3	\$13.36	Yes	\$44.50	\$31.14
1121	22-Jul-10	6	4	\$29.08	Yes	\$44.50	\$15.42
1122	22-Jul-10	6	5	\$33.73	Yes	\$44.50	\$10.77
1123	22-Jul-10	6	6	\$32.46	Yes	\$44.50	\$12.04
1124	22-Jul-10	6	7	\$32.46	Yes	\$44.50	\$12.04
1125	22-Jul-10	6	8	\$39.29	Yes	\$44.50	\$5.21
1126	22-Jul-10	6	9	\$39.21	Yes	\$44.50	\$5.29
1127	22-Jul-10	6	10	\$45.02	Yes	\$44.50	-\$0.52
1128	22-Jul-10	6	11	\$39.76	Yes	\$44.50	\$4.74
1129	22-Jul-10	6	12	\$42.80	Yes	\$44.50	\$1.70
1130	22-Jul-10	7	1	\$32.62	Yes	\$44.50	\$11.88
1131	22-Jul-10	7	2	\$25.39	Yes	\$44.50	\$19.11
1132	22-Jul-10	7	3	\$27.24	Yes	\$44.50	\$17.26
1133	22-Jul-10	7	4	\$29.80	Yes	\$44.50	\$14.70
1134	22-Jul-10	7	5	\$30.31	Yes	\$44.50	\$14.19
1135	22-Jul-10	7	6	\$29.83	Yes	\$44.50	\$14.67
1136	22-Jul-10	7	7	\$29.89	Yes	\$44.50	\$14.61
1137	22-Jul-10	7	8	\$30.55	Yes	\$44.50	\$13.95
1138	22-Jul-10	7	9	\$31.76	Yes	\$44.50	\$12.74

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1139	22-Jul-10	7	10	\$32.70	Yes	\$44.50	\$11.80
1140	22-Jul-10	7	11	\$32.89	Yes	\$44.50	\$11.61
1141	22-Jul-10	7	12	\$35.90	Yes	\$44.50	\$8.60
1142	22-Jul-10	8	1	\$5.39	Yes	\$44.50	\$39.11
1143	22-Jul-10	8	2	\$25.63	Yes	\$44.50	\$18.87
1144	22-Jul-10	8	3	\$30.09	Yes	\$44.50	\$14.41
1145	22-Jul-10	8	4	\$30.19	Yes	\$44.50	\$14.31
1146	22-Jul-10	8	5	\$32.77	Yes	\$44.50	\$11.73
1147	22-Jul-10	8	6	\$32.77	Yes	\$44.50	\$11.73
1148	22-Jul-10	8	7	\$32.85	Yes	\$44.50	\$11.65
1149	22-Jul-10	8	8	\$32.81	Yes	\$44.50	\$11.69
1150	22-Jul-10	8	9	\$32.81	Yes	\$44.50	\$11.69
1151	22-Jul-10	8	10	\$33.23	Yes	\$44.50	\$11.27
1152	22-Jul-10	8	11	\$33.33	Yes	\$44.50	\$11.17
1153	22-Jul-10	8	12	\$35.37	Yes	\$44.50	\$9.13
1154	22-Jul-10	9	1	\$29.79	Yes	\$44.50	\$14.71
1155	22-Jul-10	9	2	\$30.70	Yes	\$44.50	\$13.80
1156	22-Jul-10	9	3	\$31.81	Yes	\$44.50	\$12.69
1157	22-Jul-10	9	4	\$31.93	Yes	\$44.50	\$12.57
1158	22-Jul-10	9	5	\$32.80	Yes	\$44.50	\$11.70
1159	22-Jul-10	9	6	\$32.80	Yes	\$44.50	\$11.70
1160	22-Jul-10	9	7	\$32.84	Yes	\$44.50	\$11.66
1161	22-Jul-10	9	8	\$32.84	Yes	\$44.50	\$11.66
1162	22-Jul-10	9	9	\$32.89	Yes	\$44.50	\$11.61
1163	22-Jul-10	9	10	\$34.24	Yes	\$44.50	\$10.26
1164	22-Jul-10	9	11	\$34.24	Yes	\$44.50	\$10.26
1165	22-Jul-10	9	12	\$33.20	Yes	\$44.50	\$11.30
1166	22-Jul-10	10	1	\$30.02	Yes	\$44.50	\$14.48
1167	22-Jul-10	10	2	\$29.82	Yes	\$44.50	\$14.68
1168	22-Jul-10	10	3	\$0.01	Yes	\$44.50	\$44.49
1169	22-Jul-10	10	4	\$29.32	Yes	\$44.50	\$15.18
1170	22-Jul-10	10	5	\$30.06	Yes	\$44.50	\$14.44
1171	22-Jul-10	10	6	\$29.28	Yes	\$44.50	\$15.22
1172	22-Jul-10	10	7	\$29.16	Yes	\$44.50	\$15.34
1173	22-Jul-10	10	8	\$29.81	Yes	\$44.50	\$14.69
1174	22-Jul-10	10	9	\$30.34	Yes	\$44.50	\$14.16
1175	22-Jul-10	10	10	\$31.45	Yes	\$44.50	\$13.05
1176	22-Jul-10	10	11	\$32.29	Yes	\$44.50	\$12.21
1177	22-Jul-10	10	12	\$33.98	Yes	\$44.50	\$10.52
1178	22-Jul-10	11	1	\$28.07	Yes	\$44.50	\$16.43
1179	22-Jul-10	11	2	\$26.50	Yes	\$44.50	\$18.00
1180	22-Jul-10	11	3	\$26.50	Yes	\$44.50	\$18.00
1181	22-Jul-10	11	4	\$27.84	Yes	\$44.50	\$16.66
1182	22-Jul-10	11	5	\$29.08	Yes	\$44.50	\$15.42
1183	22-Jul-10	11	6	\$29.08	Yes	\$44.50	\$15.42

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1184	22-Jul-10	11	7	\$31.33	Yes	\$44.50	\$13.17
1185	22-Jul-10	11	8	\$30.92	Yes	\$44.50	\$13.58
1186	22-Jul-10	11	9	\$30.13	Yes	\$44.50	\$14.37
1187	22-Jul-10	11	10	\$31.33	Yes	\$44.50	\$13.17
1188	22-Jul-10	11	11	\$31.23	Yes	\$44.50	\$13.27
1189	22-Jul-10	11	12	\$28.45	Yes	\$44.50	\$16.05
1190	22-Jul-10	12	1	\$29.98	Yes	\$44.50	\$14.52
1191	22-Jul-10	12	2	\$29.98	Yes	\$44.50	\$14.52
1192	22-Jul-10	12	3	\$29.54	Yes	\$44.50	\$14.96
1193	22-Jul-10	12	4	\$29.82	Yes	\$44.50	\$14.68
1194	22-Jul-10	12	5	\$29.54	Yes	\$44.50	\$14.96
1195	22-Jul-10	12	6	\$29.67	Yes	\$44.50	\$14.83
1196	22-Jul-10	12	7	\$30.00	Yes	\$44.50	\$14.50
1197	22-Jul-10	12	8	\$30.11	Yes	\$44.50	\$14.39
1198	22-Jul-10	12	9	\$30.00	Yes	\$44.50	\$14.50
1199	22-Jul-10	12	10	\$30.08	Yes	\$44.50	\$14.42
1200	22-Jul-10	12	11	\$30.57	Yes	\$44.50	\$13.93
1201	22-Jul-10	12	12	\$31.59	Yes	\$44.50	\$12.91
1202	22-Jul-10	13	1	\$30.07	Yes	\$44.50	\$14.43
1203	22-Jul-10	13	2	\$31.70	Yes	\$44.50	\$12.80
1204	22-Jul-10	13	3	\$31.86	Yes	\$44.50	\$12.64
1205	22-Jul-10	13	4	\$31.86	Yes	\$44.50	\$12.64
1206	22-Jul-10	13	5	\$32.06	Yes	\$44.50	\$12.44
1207	22-Jul-10	13	6	\$32.15	Yes	\$44.50	\$12.35
1208	22-Jul-10	13	7	\$32.21	Yes	\$44.50	\$12.29
1209	22-Jul-10	13	8	\$32.44	Yes	\$44.50	\$12.06
1210	22-Jul-10	13	9	\$32.52	Yes	\$44.50	\$11.98
1211	22-Jul-10	13	10	\$33.06	Yes	\$44.50	\$11.44
1212	22-Jul-10	13	11	\$33.67	Yes	\$44.50	\$10.83
1213	22-Jul-10	13	12	\$34.57	Yes	\$44.50	\$9.93
1214	22-Jul-10	14	1	\$30.69	Yes	\$44.50	\$13.81
1215	22-Jul-10	14	2	\$30.18	Yes	\$44.50	\$14.32
1216	22-Jul-10	14	3	\$30.69	Yes	\$44.50	\$13.81
1217	22-Jul-10	14	4	\$31.06	Yes	\$44.50	\$13.44
1218	22-Jul-10	14	5	\$31.41	Yes	\$44.50	\$13.09
1219	22-Jul-10	14	6	\$31.90	Yes	\$44.50	\$12.60
1220	22-Jul-10	14	7	\$32.01	Yes	\$44.50	\$12.49
1221	22-Jul-10	14	8	\$32.42	Yes	\$44.50	\$12.08
1222	22-Jul-10	14	9	\$32.51	Yes	\$44.50	\$11.99
1223	22-Jul-10	14	10	\$32.52	Yes	\$44.50	\$11.98
1224	22-Jul-10	14	11	\$32.52	Yes	\$44.50	\$11.98
1225	22-Jul-10	14	12	\$32.51	Yes	\$44.50	\$11.99
1226	22-Jul-10	15	1	\$29.09	Yes	\$44.50	\$15.41
1227	22-Jul-10	15	2	\$29.09	Yes	\$44.50	\$15.41
1228	22-Jul-10	15	3	\$30.20	Yes	\$44.50	\$14.30

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1229	22-Jul-10	15	4	\$29.09	Yes	\$44.50	\$15.41
1230	22-Jul-10	15	5	\$30.80	Yes	\$44.50	\$13.70
1231	22-Jul-10	15	6	\$30.63	Yes	\$44.50	\$13.87
1232	22-Jul-10	15	7	\$32.16	Yes	\$44.50	\$12.34
1233	22-Jul-10	15	8	\$32.23	Yes	\$44.50	\$12.27
1234	22-Jul-10	15	9	\$32.23	Yes	\$44.50	\$12.27
1235	22-Jul-10	15	10	\$32.34	Yes	\$44.50	\$12.16
1236	22-Jul-10	15	11	\$32.34	Yes	\$44.50	\$12.16
1237	22-Jul-10	15	12	\$32.53	Yes	\$44.50	\$11.97
1238	22-Jul-10	16	1	\$31.05	Yes	\$44.50	\$13.45
1239	22-Jul-10	16	2	\$31.05	Yes	\$44.50	\$13.45
1240	22-Jul-10	16	3	\$30.99	Yes	\$44.50	\$13.51
1241	22-Jul-10	16	4	\$31.02	Yes	\$44.50	\$13.48
1242	22-Jul-10	16	5	\$31.25	Yes	\$44.50	\$13.25
1243	22-Jul-10	16	6	\$32.50	Yes	\$44.50	\$12.00
1244	22-Jul-10	16	7	\$32.32	Yes	\$44.50	\$12.18
1245	22-Jul-10	16	8	\$32.37	Yes	\$44.50	\$12.13
1246	22-Jul-10	16	9	\$32.76	Yes	\$44.50	\$11.74
1247	22-Jul-10	16	10	\$32.58	Yes	\$44.50	\$11.92
1248	22-Jul-10	16	11	\$32.58	Yes	\$44.50	\$11.92
1249	22-Jul-10	16	12	\$32.58	Yes	\$44.50	\$11.92
1250	22-Jul-10	17	1	\$32.49	Yes	\$44.50	\$12.01
1251	22-Jul-10	17	2	\$32.49	Yes	\$44.50	\$12.01
1252	22-Jul-10	17	3	\$32.75	Yes	\$44.50	\$11.75
1253	22-Jul-10	17	4	\$38.84	Yes	\$44.50	\$5.66
1254	22-Jul-10	17	5	\$38.84	Yes	\$44.50	\$5.66
1255	22-Jul-10	17	6	\$39.52	Yes	\$44.50	\$4.98
1256	22-Jul-10	17	7	\$39.54	Yes	\$44.50	\$4.96
1257	22-Jul-10	17	8	\$39.54	Yes	\$44.50	\$4.96
1258	22-Jul-10	17	9	\$39.54	Yes	\$44.50	\$4.96
1259	22-Jul-10	17	10	\$38.52	Yes	\$44.50	\$5.98
1260	22-Jul-10	17	11	\$38.73	Yes	\$44.50	\$5.77
1261	22-Jul-10	17	12	\$34.26	Yes	\$44.50	\$10.24
1262	22-Jul-10	18	1	\$47.65	Yes	\$44.50	-\$3.15
1263	22-Jul-10	18	2	\$47.65	Yes	\$44.50	-\$3.15
1264	22-Jul-10	18	3	\$47.65	Yes	\$44.50	-\$3.15
1265	22-Jul-10	18	4	\$47.57	Yes	\$44.50	-\$3.07
1266	22-Jul-10	18	5	\$46.56	Yes	\$44.50	-\$2.06
1267	22-Jul-10	18	6	\$46.56	Yes	\$44.50	-\$2.06
1268	22-Jul-10	18	7	\$43.27	Yes	\$44.50	\$1.23
1269	22-Jul-10	18	8	\$44.21	Yes	\$44.50	\$0.29
1270	22-Jul-10	18	9	\$43.88	Yes	\$44.50	\$0.62
1271	22-Jul-10	18	10	\$35.70	Yes	\$44.50	\$8.80
1272	22-Jul-10	18	11	\$35.70	Yes	\$44.50	\$8.80
1273	22-Jul-10	18	12	\$34.17	Yes	\$44.50	\$10.33

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1274	22-Jul-10	19	1	\$47.23	Yes	\$44.50	-\$2.73
1275	22-Jul-10	19	2	\$47.23	Yes	\$44.50	-\$2.73
1276	22-Jul-10	19	3	\$43.07	Yes	\$44.50	\$1.43
1277	22-Jul-10	19	4	\$47.19	Yes	\$44.50	-\$2.69
1278	22-Jul-10	19	5	\$47.19	Yes	\$44.50	-\$2.69
1279	22-Jul-10	19	6	\$47.19	Yes	\$44.50	-\$2.69
1280	22-Jul-10	19	7	\$47.18	Yes	\$44.50	-\$2.68
1281	22-Jul-10	19	8	\$43.13	Yes	\$44.50	\$1.37
1282	22-Jul-10	19	9	\$43.13	Yes	\$44.50	\$1.37
1283	22-Jul-10	19	10	\$42.42	Yes	\$44.50	\$2.08
1284	22-Jul-10	19	11	\$33.00	Yes	\$44.50	\$11.50
1285	22-Jul-10	19	12	\$32.44	Yes	\$44.50	\$12.06
1286	22-Jul-10	20	1	\$44.00	Yes	\$44.50	\$0.50
1287	22-Jul-10	20	2	\$39.41	Yes	\$44.50	\$5.09
1288	22-Jul-10	20	3	\$32.62	Yes	\$44.50	\$11.88
1289	22-Jul-10	20	4	\$32.87	Yes	\$44.50	\$11.63
1290	22-Jul-10	20	5	\$33.33	Yes	\$44.50	\$11.17
1291	22-Jul-10	20	6	\$33.51	Yes	\$44.50	\$10.99
1292	22-Jul-10	20	7	\$33.38	Yes	\$44.50	\$11.12
1293	22-Jul-10	20	8	\$32.93	Yes	\$44.50	\$11.57
1294	22-Jul-10	20	9	\$32.93	Yes	\$44.50	\$11.57
1295	22-Jul-10	20	10	\$33.00	Yes	\$44.50	\$11.50
1296	22-Jul-10	20	11	\$30.97	Yes	\$44.50	\$13.53
1297	22-Jul-10	20	12	\$30.21	Yes	\$44.50	\$14.29
1298	22-Jul-10	21	1	\$30.18	Yes	\$44.50	\$14.32
1299	22-Jul-10	21	2	\$29.79	Yes	\$44.50	\$14.71
1300	22-Jul-10	21	3	\$29.79	Yes	\$44.50	\$14.71
1301	22-Jul-10	21	4	\$30.27	Yes	\$44.50	\$14.23
1302	22-Jul-10	21	5	\$30.18	Yes	\$44.50	\$14.32
1303	22-Jul-10	21	6	\$30.76	Yes	\$44.50	\$13.74
1304	22-Jul-10	21	7	\$31.14	Yes	\$44.50	\$13.36
1305	22-Jul-10	21	8	\$31.14	Yes	\$44.50	\$13.36
1306	22-Jul-10	21	9	\$31.14	Yes	\$44.50	\$13.36
1307	22-Jul-10	21	10	\$31.14	Yes	\$44.50	\$13.36
1308	22-Jul-10	21	11	\$31.14	Yes	\$44.50	\$13.36
1309	22-Jul-10	21	12	\$31.14	Yes	\$44.50	\$13.36
1310	22-Jul-10	22	1	\$34.77	Yes	\$44.50	\$9.73
1311	22-Jul-10	22	2	\$34.77	Yes	\$44.50	\$9.73
1312	22-Jul-10	22	3	\$34.77	Yes	\$44.50	\$9.73
1313	22-Jul-10	22	4	\$30.63	Yes	\$44.50	\$13.87
1314	22-Jul-10	22	5	\$32.59	Yes	\$44.50	\$11.91
1315	22-Jul-10	22	6	\$30.75	Yes	\$44.50	\$13.75
1316	22-Jul-10	22	7	\$29.59	Yes	\$44.50	\$14.91
1317	22-Jul-10	22	8	\$29.31	Yes	\$44.50	\$15.19
1318	22-Jul-10	22	9	\$29.31	Yes	\$44.50	\$15.19

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1319	22-Jul-10	22	10	\$26.15	Yes	\$44.50	\$18.35
1320	22-Jul-10	22	11	\$25.74	Yes	\$44.50	\$18.76
1321	22-Jul-10	22	12	\$26.21	Yes	\$44.50	\$18.29
1322	22-Jul-10	23	1	\$40.68	Yes	\$44.50	\$3.82
1323	22-Jul-10	23	2	\$39.61	Yes	\$44.50	\$4.89
1324	22-Jul-10	23	3	\$39.69	Yes	\$44.50	\$4.81
1325	22-Jul-10	23	4	\$39.60	Yes	\$44.50	\$4.90
1326	22-Jul-10	23	5	\$38.02	Yes	\$44.50	\$6.48
1327	22-Jul-10	23	6	\$34.60	Yes	\$44.50	\$9.90
1328	22-Jul-10	23	7	\$32.73	Yes	\$44.50	\$11.77
1329	22-Jul-10	23	8	\$32.73	Yes	\$44.50	\$11.77
1330	22-Jul-10	23	9	\$31.14	Yes	\$44.50	\$13.36
1331	22-Jul-10	23	10	\$29.99	Yes	\$44.50	\$14.51
1332	22-Jul-10	23	11	\$26.85	Yes	\$44.50	\$17.65
1333	22-Jul-10	23	12	\$18.53	Yes	\$44.50	\$25.97
1334	22-Jul-10	24	1	\$39.64	Yes	\$44.50	\$4.86
1335	22-Jul-10	24	2	\$33.78	Yes	\$44.50	\$10.72
1336	22-Jul-10	24	3	\$31.43	Yes	\$44.50	\$13.07
1337	22-Jul-10	24	4	\$32.59	Yes	\$44.50	\$11.91
1338	22-Jul-10	24	5	\$38.24	Yes	\$44.50	\$6.26
1339	22-Jul-10	24	6	\$32.59	Yes	\$44.50	\$11.91
1340	22-Jul-10	24	7	\$32.54	Yes	\$44.50	\$11.96
1341	22-Jul-10	24	8	\$29.79	Yes	\$44.50	\$14.71
1342	22-Jul-10	24	9	\$26.35	Yes	\$44.50	\$18.15
1343	22-Jul-10	24	10	\$32.52	Yes	\$44.50	\$11.98
1344	22-Jul-10	24	11	\$22.05	Yes	\$44.50	\$22.45
1345	22-Jul-10	24	12	\$15.23	Yes	\$44.50	\$29.27

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In July 2010, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS⁸ and Delta Dispatch. Table 10 shows the costs by instruction type in July. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$162,273. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$233,649. The cost saving from the exceptional dispatch bid mitigation was \$71,376.

Table 10: Bid Mitigation Analysis for July

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
Delta Dispatch	2	\$218,806	\$152,477	\$66,330
TMODEL5	2	\$12,658	\$8,279	\$4,379
TMODEL6	3	\$2,184	\$1,516	\$668
Total	7	\$233,649	\$162,273	\$71,376

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 October, 2010.

Anna Pascuzzo

Anna Pascuzzo