October 28, 2011

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

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

Dear Secretary Bose:

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

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

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Respectfully submitted,
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Exceptional Dispatch Report

Table 2: July 2011

ISO Market Services   October 28, 2011

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Introduction

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

In addition, this report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of July is presented in Appendix B. This report also includes the degree of mitigation analysis for July 2011 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation (i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for 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 2011, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-206, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-129, transmission facilities in Fresno area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-133, transmission facilities in Bay Area; (5) T-138, transmission facilities in Humboldt area; (6) T-167, transmission facilities in Tesla/Bellota Area; and (7) other transmission outages in PG&E, SCE and SDG&E area.

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

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

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[1] A list of all of the ISO's Operating Procedures and all the publicly available Operating Procedures are available at the following link:
http://www.caiso.com/thegrid/operations/opsdoc/index.html

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order.[2] This table contains all the information published in 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 instruction that was settled as optimal energy by virtue of its bid price being less than the LMP in that specific settlement interval.

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[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 regarding the Bid Cost Recovery process please refer to section 11.8 of the ISO tariff.

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

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

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[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 2011

California Independent System Operator Corporation
Exceptional Dispatch Report
October 31, 2011

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

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	Bad Transition	N/A	N/A	7-Jul-11	300	Yes	INC	4	7:05	10:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	RT	Bad Transition	SCE	LA Basin	7-Jul-11	300	No	INC	1	7:00	7:06	-25.06	$1,820	$0	($765)	$0	$0	$0	$0	$0	$0
3	RT	COI Mitigation	N/A	N/A	24-Jul-11	0	No	INC	1	2:10	2:29	0.64	$0	$0	($22)	$0	$0	$0	$0	$0	$0
4	RT	COI Mitigation	PG&E	Fresno	24-Jul-11	83	Yes	INC	2	0:34	1:06	55.33	$3,735	$500	($2,315)	$0	$0	$0	$0	$0	$0
5	RT	Fire	N/A	N/A	15-Jul-11	354	Yes	INC	1	23:00	23:29	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
6	RT	Fire	SCE	Big Creek-Ventura	20-Jul-11	50	Yes	INC	5	15:35	19:59	246.88	$0	$0	($10,817)	$101	($3,951)	$0	($1,167)	$0	$0
7	RT	Fire	SCE	LA Basin	20-Jul-11	600	No	INC	1	15:24	15:31	-21.85	$0	$0	$980	($6)	$0	$184	$0	$0	$0
8	RT	Fire	SDG&E	N/A	15-Jul-11	65	No	DEC	4	16:05	19:59	-747.58	$0	$0	$8,442	($403)	$0	$2,122	$0	$0	$0
9	RT	G-206	SDG&E	San Diego	15-Jul-11	107- 472	Yes	INC	7	17:26	23:59	459.84	$6,017	$0	($26,260)	$253	($8,433)	$0	($2,848)	$0	$0
10	RT	G-206	SDG&E	San Diego	16-Jul-11	472	Yes	INC	1	0:00	0:24	235.55	$2,966	$0	($5,250)	$92	($1,890)	$0	($1,918)	$0	$0
11	RT	Intertie Emergency Assistance	N/A	N/A	12-Jul-11	120- 203	No	INC	2	12:00	13:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	RT	Intertie Emergency Assistance	N/A	N/A	19-Jul-11	125	No	INC	1	19:00	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
13	RT	Late Start Up	SCE	LA Basin	30-Jul-11	70- 450	Yes	DEC	9	13:35	21:09	-2,741.68	$0	$0	$75,869	($1,524)	$0	$29,414	$0	$0	$0
14	RT	Load Forecast Uncertainty	SCE	LA Basin	28-Jul-11	20- 45	Yes	INC	24	0:00	23:59	1,057.48	$154,789	$0	($38,794)	$118	($10,232)	$0	$0	$0	$0
15	RT	Market Disruption	N/A	N/A	4-Jul-11	910	No	INC	1	2:00	2:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
16	RT	Market Disruption	N/A	N/A	19-Jul-11	25	No	INC	1	3:00	3:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
17	RT	Market Disruption	PG&E	Bay Area	4-Jul-11	180	Yes	INC	1	0:00	0:19	69.08	$2,147	$0	($4,237)	$0	$0	$0	$0	$0	$0
18	RT	Market Disruption	PG&E	N/A	4-Jul-11	281	Yes	INC	1	0:00	0:19	122.06	$3,171	$0	($7,571)	$0	$0	$0	$0	$0	$0
19	RT	Over Generation	N/A	N/A	4-Jul-11	0	No	INC	2	8:55	9:24	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	RT	Over Generation	N/A	N/A	31-Jul-11	520	No	INC	3	10:20	12:29	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
21	RT	Over Generation	PG&E	Bay Area	31-Jul-11	380	No	INC	2	11:09	12:20	-515.13	$0	$0	($9,557)	$0	$0	$0	$0	$0	$0
22	RT	Over Generation	PG&E	Fresno	4-Jul-11	190	No	DEC	1	8:14	8:35	-67.64	$0	$0	($1,477)	($44)	$0	($1,287)	$0	$0	$0
23	RT	Over Generation	PG&E	Fresno	4-Jul-11	0	No	INC	2	8:50	9:49	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
24	RT	Over Generation	PG&E	Fresno	9-Jul-11	308	No	DEC	1	9:00	9:20	-89.75	$0	$0	($2,760)	$0	$0	$0	$0	$0	$0
25	RT	Over Generation	PG&E	Fresno	31-Jul-11	317	No	DEC	1	11:00	11:13	-73.97	$0	$0	($2,300)	$0	$0	$0	$0	$0	$0
26	RT	Over Generation	PG&E	Sierra	4-Jul-11	215	No	DEC	1	8:14	8:35	-70.93	$0	$0	($374)	($34)	$0	($118)	$0	$0	$0

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
27	RT	Over Generation	SDG&E	San Diego	4-Jul-11	53	Yes	DEC	1	18:15	18:35	-18.99	$0	$0	$108	($17)	$0	$0	$0	$0	$0
28	RT	Over Generation	SDG&E	San Diego	4-Jul-11	0	Yes	INC	2	8:45	9:49	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
29	RT	Path 15	N/A	N/A	25-Jul-11	15- 460	No	INC	3	14:25	16:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
30	RT	Path 15	PG&E	N/A	25-Jul-11	0- 114	No	DEC	4	13:58	16:09	-241.02	$0	$0	$7,792	($226)	$0	$7,311	$0	($3,152)	$0
31	RT	Path 15	PG&E	N/A	25-Jul-11	0- 460	No	INC	4	13:59	16:09	32.82	$0	$0	($1,065)	$0	$0	$0	$0	$0	$0
32	RT	Path 15	SCE	LA Basin	25-Jul-11	130	Yes	INC	5	13:55	17:59	423.12	$32,196	$4,097	($21,165)	$102	($4,661)	$0	$0	($4,216)	$0
33	RT	Path 26	SCE	LA Basin	4-Jul-11	70	Yes	INC	24	0:00	23:59	4,813.60	$120,482	$0	($194,092)	$0	$0	$0	$0	$0	$0
34	RT	Path 66	N/A	N/A	2-Jul-11	200	No	DEC	1	23:50	23:59	-4.40	$0	$0	$110	$0	$0	$0	$0	$0	$0
35	RT	Path 66	N/A	N/A	3-Jul-11	200	No	DEC	1	0:00	0:59	-15.18	$0	$0	($0)	($15)	$0	($0)	$0	$0	$0
36	RT	Pump Management	PG&E	Fresno	7-Jul-11	0	No	INC	1	8:30	8:54	-77.50	$0	$0	$2,538	$0	$0	$0	$0	$0	$0
37	RT	Ramp Rate	N/A	N/A	1-Jul-11	68	Yes	INC	4	16:20	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
38	RT	Ramp Rate	N/A	N/A	3-Jul-11	352	Yes	DEC	3	10:15	12:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
39	RT	Ramp Rate	N/A	N/A	3-Jul-11	600	Yes	INC	3	10:15	12:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
40	RT	Ramp Rate	N/A	N/A	19-Jul-11	131	Yes	INC	2	11:05	12:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
41	RT	Ramp Rate	N/A	N/A	20-Jul-11	45	Yes	DEC	3	10:00	12:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
42	RT	Ramp Rate	N/A	N/A	20-Jul-11	63	Yes	INC	11	10:00	20:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	RT	Ramp Rate	N/A	N/A	21-Jul-11	45	Yes	DEC	6	15:35	20:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
44	RT	Ramp Rate	N/A	N/A	21-Jul-11	63- 131	Yes	INC	14	7:30	20:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
45	RT	Ramp Rate	N/A	N/A	30-Jul-11	37- 163	Yes	DEC	7	12:10	18:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
46	RT	Ramp Rate	N/A	N/A	30-Jul-11	64	Yes	INC	7	12:10	18:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
47	RT	Ramp Rate	PG&E	N/A	4-Jul-11	22- 405	No	DEC	9	11:40	19:59	-267.59	$0	$0	$13,556	$0	$0	$0	$0	$0	$0
48	RT	Ramp Rate	PG&E	N/A	4-Jul-11	15	No	INC	9	11:40	19:59	275.77	$0	$0	($27,427)	$4	($169)	$0	$0	$0	$0
49	RT	Ramp Rate	SCE	Big Creek-Ventura	19-Jul-11	50	No	INC	3	15:29	17:59	151.26	$0	$0	($7,762)	$70	($3,799)	$0	$0	$0	$0
50	RT	Ramp Rate	SCE	Big Creek-Ventura	21-Jul-11	50	Yes	INC	4	15:50	18:59	219.78	$0	$0	($12,266)	$63	($3,199)	$0	$0	$0	$0
51	RT	Ramp Rate	SCE	Big Creek-Ventura	28-Jul-11	51	Yes	INC	7	15:50	21:59	308.51	$3,054	$0	($14,735)	$173	($9,027)	$0	$0	$0	$0
52	RT	Ramp Rate	SCE	Big Creek-Ventura	30-Jul-11	1- 51	Yes	INC	8	11:35	18:59	87.69	$1,530	$0	($10,352)	$41	($3,634)	$0	$0	$0	$0
53	RT	Ramp Rate	SCE	LA Basin	1-Jul-11	142	Yes	INC	7	13:50	19:59	1,450.66	$47,261	$35,044	($144,983)	$404	($26,223)	$0	$0	$0	$0
54	RT	Ramp Rate	SCE	LA Basin	2-Jul-11	142	Yes	INC	8	12:05	19:59	1,603.71	$61,311	$0	($175,884)	$249	($20,684)	$0	$0	$0	$0
55	RT	Ramp Rate	SCE	LA Basin	3-Jul-11	64- 407	Yes	DEC	10	10:10	19:44	-764.49	$0	$0	$34,681	$0	$0	$0	$0	$0	$0
56	RT	Ramp Rate	SCE	LA Basin	3-Jul-11	26- 770	Yes	INC	11	9:52	19:44	248.00	$0	$0	($13,690)	$213	($9,648)	$0	$0	$0	$0
57	RT	Ramp Rate	SCE	LA Basin	5-Jul-11	142	Yes	INC	7	13:15	19:59	1,548.12	$67,028	$42,843	($202,684)	$479	($34,644)	$0	$0	$0	$0

Number	Market 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
58	RT	Ramp Rate	SCE	LA Basin	6-Jul-11	142	Yes	INC	5	15:00	19:59	754.08	$49,045	$0	($51,872)	$435	($32,424)	$0	$0	$0	$0
59	RT	Ramp Rate	SCE	LA Basin	7-Jul-11	284	Yes	INC	10	11:45	20:59	2,627.18	$149,315	$0	($149,440)	$1,717	($108,694)	$0	$0	$0	$0
60	RT	Ramp Rate	SCE	LA Basin	8-Jul-11	213	Yes	INC	6	14:35	19:59	1,104.48	$57,996	$0	($60,013)	$745	($43,973)	$0	$0	$0	$0
61	RT	Ramp Rate	SCE	LA Basin	9-Jul-11	71	Yes	INC	8	14:55	21:59	495.46	$33,945	$0	($29,318)	$316	($23,269)	$0	$0	$0	$0
62	RT	Ramp Rate	SCE	LA Basin	10-Jul-11	71	Yes	INC	8	13:15	20:59	543.94	$37,103	$0	($35,354)	$346	($29,218)	$0	$0	$0	$0
63	RT	Ramp Rate	SCE	LA Basin	11-Jul-11	71	Yes	INC	7	4:30	10:49	439.40	$29,998	$0	($23,678)	$281	($23,987)	$0	$0	$0	$0
64	RT	Ramp Rate	SCE	LA Basin	18-Jul-11	190	Yes	INC	5	15:15	19:59	981.86	$21,006	$0	($49,543)	$510	($22,729)	$0	$0	$0	$0
65	RT	Ramp Rate	SCE	LA Basin	20-Jul-11	190- 261	Yes	INC	11	10:00	20:59	2,881.18	$83,313	$39,336	($149,934)	$1,326	($76,691)	$0	$0	$0	$0
66	RT	Ramp Rate	SCE	LA Basin	21-Jul-11	190	Yes	INC	11	10:00	20:59	2,091.13	$47,806	$0	($99,390)	$1,515	($68,919)	$0	$0	$0	$0
67	RT	Ramp Rate	SCE	LA Basin	27-Jul-11	71	Yes	INC	8	14:25	21:59	539.97	$36,313	$0	($38,494)	$332	($28,195)	$0	$0	$0	$0
68	RT	Ramp Rate	SCE	LA Basin	28-Jul-11	71	Yes	INC	8	14:25	21:59	541.65	$36,313	$0	($37,958)	$348	($29,899)	$0	$0	$0	$0
69	RT	Ramp Rate	SCE	LA Basin	30-Jul-11	261	Yes	INC	8	11:30	18:59	2,375.26	$67,394	$0	($139,314)	$1,353	($67,144)	$0	($22,282)	$0	$0
70	RT	Ramp Rate	SDG&E	San Diego	1-Jul-11	68	No	INC	1	16:01	16:59	99.33	$2,982	$800	($8,689)	$0	$0	$0	$0	$0	$0
71	RT	SC Request	SCE	LA Basin	5-Jul-11	0	No	INC	4	20:15	23:59	1.49	$0	$0	($60)	$0	$0	$0	$0	$0	$0
72	RT	SP26 Capacity	SCE	Big Creek-Ventura	13-Jul-11	140	Yes	INC	14	8:00	21:59	1,983.71	$144,227	$18,826	($53,044)	$0	$0	$0	$0	$0	$0
73	RT	SP26 Capacity	SCE	LA Basin	3-Jul-11	428	No	DEC	2	15:20	16:59	-185.26	$0	$0	$8,336	$0	$0	$0	$0	$0	$0
74	RT	SP26 Capacity	SCE	LA Basin	3-Jul-11	20	No	INC	5	19:00	23:59	97.13	$0	$0	($3,500)	$0	$0	$0	$0	$0	$0
75	RT	SP26 Capacity	SCE	LA Basin	4-Jul-11	20	Yes	INC	24	0:00	23:59	550.27	$61,475	$29,723	($22,200)	$0	$0	$0	$0	$0	$0
76	RT	SP26 Capacity	SCE	LA Basin	5-Jul-11	25	Yes	INC	15	9:00	23:59	1,008.15	$68,680	$29,800	($113,231)	$239	($17,494)	$0	$0	$0	$0
77	RT	SP26 Capacity	SCE	LA Basin	7-Jul-11	25	Yes	INC	24	0:00	23:59	1,030.11	$113,676	$0	($48,973)	$415	($31,866)	$0	$0	$0	$0
78	RT	SP26 Capacity	SCE	LA Basin	8-Jul-11	25	Yes	INC	24	0:00	23:59	841.59	$113,676	$0	($29,047)	$222	($16,689)	$0	$0	$0	$0
79	RT	SP26 Capacity	SCE	LA Basin	9-Jul-11	25	Yes	INC	24	0:00	23:59	937.28	$113,676	$0	($33,685)	$316	($23,269)	$0	$0	$0	$0
80	RT	SP26 Capacity	SCE	LA Basin	10-Jul-11	45	Yes	INC	24	0:00	23:59	1,455.12	$187,944	$0	($48,585)	$346	($29,218)	$0	$0	$0	$0
81	RT	SP26 Capacity	SCE	LA Basin	11-Jul-11	45	Yes	INC	24	0:00	23:59	1,404.11	$187,944	$0	($42,736)	$281	($23,987)	$0	$0	$0	$0
82	RT	SP26 Capacity	SCE	LA Basin	20-Jul-11	40	Yes	INC	24	0:00	23:59	3,709.72	$178,572	$0	($153,875)	$1,007	($45,100)	$0	$0	$0	$0
83	RT	SP26 Capacity	SCE	LA Basin	26-Jul-11	20	Yes	INC	15	9:00	23:59	602.66	$46,418	$36,807	($25,74	$0	$0	$0	$0	$0	$0

Number	Market 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
84	RT	SP26 Capacity	SCE	LA Basin	30-Jul-11	20- 45	Yes	INC	24	0:00	23:59	1,259.26	$150,052	$0	($48,185)	$236	($17,496)	$0	($2,333)	$0	$0
85	RT	SP26 Capacity	SCE	LA Basin	31-Jul-11	40	Yes	INC	24	0:00	23:59	960.00	$178,572	$0	($12,185)	$0	$0	$0	$0	$0	$0
86	RT	SP26 Capacity	SDG&E	San Diego	15-Jul-11	23	Yes	DEC	2	16:30	17:29	-23.23	$0	$0	$841	$0	$0	$0	$0	$0	$0
87	RT	Software Issue	N/A	N/A	30-Jul-11	48	No	DEC	2	7:55	8:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
88	RT	Software Issue	N/A	N/A	30-Jul-11	0	No	INC	2	7:55	8:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
89	RT	Software Limitation	N/A	N/A	3-Jul-11	68	Yes	INC	2	21:50	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
90	RT	Software Limitation	N/A	N/A	4-Jul-11	8- 51	Yes	DEC	10	0:10	9:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
91	RT	Software Limitation	N/A	N/A	4-Jul-11	0	Yes	INC	10	0:10	9:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
92	RT	Software Limitation	N/A	N/A	10-Jul-11	145	Yes	DEC	1	16:40	16:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
93	RT	Software Limitation	N/A	N/A	10-Jul-11	160	Yes	INC	1	15:00	15:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
94	RT	Software Limitation	N/A	N/A	16-Jul-11	0	No	INC	4	3:55	6:24	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
95	RT	Software Limitation	N/A	N/A	23-Jul-11	24- 300	No	INC	3	18:55	20:39	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
96	RT	Software Limitation	N/A	N/A	30-Jul-11	85- 170	No	DEC	5	19:40	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
97	RT	Software Limitation	N/A	N/A	30-Jul-11	310- 315	No	INC	7	16:50	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
98	RT	Software Limitation	N/A	N/A	31-Jul-11	85- 170	No	DEC	15	8:50	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
99	RT	Software Limitation	N/A	N/A	31-Jul-11	310	Yes	INC	24	0:25	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
100	RT	Software Limitation	PG&E	Bay Area	3-Jul-11	0	Yes	INC	2	22:20	23:19	0.00	$0	$0	($0)	$0	$0	$0	$0	$0	$0
101	RT	Software Limitation	PG&E	Bay Area	5-Jul-11	0	No	INC	2	22:10	23:39	0.00	$0	$0	($0)	$0	$0	$0	$0	$0	$0
102	RT	Software Limitation	PG&E	Bay Area	6-Jul-11	0	Yes	INC	24	0:30	23:59	0.00	$0	$0	($0)	$0	$0	$0	$0	$0	$0
103	RT	Software Limitation	PG&E	Bay Area	7-Jul-11	0	Yes	INC	2	0:00	1:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
104	RT	Software Limitation	PG&E	Bay Area	23-Jul-11	47	Yes	INC	2	22:20	23:09	27.60	$0	$0	($5,255)	$0	$0	$0	$0	$0	$0
105	RT	Software Limitation	PG&E	Bay Area	24-Jul-11	0	Yes	INC	1	0:37	0:59	2.03	$0	$0	($75)	$0	$0	$0	$0	$0	$0
106	RT	Software Limitation	PG&E	Bay Area	28-Jul-11	60	Yes	INC	2	16:00	17:59	131.96	$3,408	$1,022	($6,141)	$0	$0	$0	$0	$0	$0
107	RT	Software Limitation	PG&E	Fresno	3-Jul-11	310	No	INC	1	7:22	7:59	183.42	$0	$0	($7,100)	$0	$0	$0	$0	$0	$0
108	RT	Software Limitation	PG&E	Fresno	5-Jul-11	0- 43	Yes	DEC	5	12:00	16:24	-53.95	$0	$0	$2,257	($35)	$0	$821	$0	$0	$0
109	RT	Software Limitation	PG&E	Fresno	6-Jul-11	0	No	INC	1	6:00	6:59	-25.83	$0	$0	$662	$0	$0	$0	$0	$0	$0
110	RT	Software Limitation	PG&E	Fresno	9-Jul-11	0	Yes	INC	1	23:25	23:59	4.87	$389	$0	($344)	$0	$0	$0	$0	$0	$0
111	RT	Software Limitation	PG&E	Fresno	10-Jul-11	0	No	INC	2	0:00	1:24	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
112	RT	Software Limitation	PG&E	Fresno	11-Jul-11	0	No	INC	1	9:05	9:09	-51.67	$0	$0	($0)	$0	$0	$0	$0	$0	$0
113	RT	Software Limitation	PG&E	Fresno	15-Jul-11	0	No	INC	2	3:02	4:29	-10.33	$0	$0	$382	$0	$0	$0	$0	$0	$0
114	RT	Software Limitation	PG&E	Fresno	20-Jul-11	0	No	INC	3	2:55	4:54	2.88	$0	$0	$31	$0	$0	$0	$0	$0	$0
115	RT	Software Limitation	PG&E	Fresno	23-Jul-11	49- 94	Yes	INC	2	22:20	23:14	39.70	$850	$394	($9,208)	$0	($9)	$0	$0	$0	$0
116	RT	Software Limitation	PG&E	Fresno	29-Jul-11	3	Yes	DEC	2	18:30	19:44	-1.28	$0	$0	$0	($1)	$0	$0	$0	$0	$0
117	RT	Software Limitation	PG&E	Fresno	29-Jul-11	0	Yes	INC	6	18:30	23:59	25.94	$0	$0	($651)	$17	($516)	$0	$0	($750)	$0
118	RT	Software Limitation	PG&E	Fresno	30-Jul-11	0	Yes	INC	2	0:00	1:49	1.16	$0	$0	($97)	$0	$0	$0	$0	$0	$0

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
119	RT	Software Limitation	PG&E	Humboldt	8-Jul-11	0	No	INC	1	4:45	4:59	2.47	$0	$0	$83	$0	$7	$0	$0	$0	$0
120	RT	Software Limitation	PG&E	N/A	1-Jul-11	0	No	INC	4	0:00	3:04	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
121	RT	Software Limitation	PG&E	N/A	5-Jul-11	43	Yes	DEC	2	15:25	16:24	-49.66	$0	$0	$2,098	($35)	$0	$823	$0	$0	$0
122	RT	Software Limitation	PG&E	N/A	6-Jul-11	0	Yes	INC	6	1:25	6:59	9.37	$0	$0	($279)	$0	$0	$0	$0	$0	$0
123	RT	Software Limitation	PG&E	N/A	7-Jul-11	0	No	INC	2	22:25	23:59	0.16	$0	$0	($6)	$0	$0	$0	$0	$0	$0
124	RT	Software Limitation	PG&E	N/A	8-Jul-11	0	No	INC	1	0:00	0:24	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
125	RT	Software Limitation	PG&E	Sierra	28-Jul-11	40	Yes	INC	1	15:05	15:59	36.67	$1,508	$255	($1,469)	$0	$0	$0	$0	$0	$0
126	RT	Software Limitation	PG&E	Stockton	23-Jul-11	22	Yes	INC	2	22:20	23:09	13.21	$0	$0	($2,561)	$0	$0	$0	$0	$0	$0
127	RT	Software Limitation	PG&E	Stockton	24-Jul-11	0	Yes	INC	1	1:40	1:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
128	RT	Software Limitation	SCE	Big Creek-Ventura	8-Jul-11	7	No	DEC	3	21:30	23:29	-8.84	$0	$0	$0	($9)	$0	$0	$0	$0	$0
129	RT	Software Limitation	SCE	Big Creek-Ventura	23-Jul-11	64- 174	Yes	INC	2	22:20	23:09	65.08	$2,761	$151	($14,630)	$0	$0	$0	$0	$0	$0
130	RT	Software Limitation	SCE	Big Creek-Ventura	24-Jul-11	0	No	INC	2	0:40	1:14	0.64	$0	$0	($27)	$0	$0	$0	$0	$0	$0
131	RT	Software Limitation	SCE	LA Basin	1-Jul-11	400	Yes	INC	20	0:00	19:49	254.67	$9,098	$10	($3,261)	$10	($76)	$0	($221)	$0	$0
132	RT	Software Limitation	SCE	LA Basin	3-Jul-11	134	Yes	DEC	2	16:30	17:14	-82.04	$0	$0	$3,201	$0	$0	$0	$0	$0	$0
133	RT	Software Limitation	SCE	LA Basin	3-Jul-11	0	Yes	INC	5	19:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
134	RT	Software Limitation	SCE	LA Basin	4-Jul-11	0	Yes	INC	9	0:00	8:59	4.48	$752	$54	$2	$0	$0	$0	$0	$0	$0
135	RT	Software Limitation	SCE	LA Basin	5-Jul-11	20	No	DEC	2	22:40	23:59	5.24	$0	$0	($165)	$0	$0	$0	$0	$0	$0
136	RT	Software Limitation	SCE	LA Basin	5-Jul-11	200	No	INC	14	10:50	23:59	1,492.58	$0	$0	($74,925)	$0	$0	$0	$0	$0	$0
137	RT	Software Limitation	SCE	LA Basin	6-Jul-11	0	No	INC	24	0:00	23:59	-1.17	$0	$0	$42	$0	$0	$0	$0	$0	$0
138	RT	Software Limitation	SCE	LA Basin	7-Jul-11	28	No	DEC	5	19:45	23:44	-0.39	$0	$0	($6)	($1)	$0	$0	$0	$0	$0
139	RT	Software Limitation	SCE	LA Basin	7-Jul-11	70	Yes	INC	24	0:00	23:59	265.91	$10,369	$0	($7,654)	$0	$0	$0	$0	$0	$0
140	RT	Software Limitation	SCE	LA Basin	8-Jul-11	0	No	INC	2	20:05	21:04	0.32	$0	$0	($11)	$0	$0	$0	$0	$0	$0
141	RT	Software Limitation	SCE	LA Basin	11-Jul-11	17	Yes	DEC	5	12:35	16:59	-99.07	$0	$0	$3,151	$0	$0	$0	$0	$0	$0
142	RT	Software Limitation	SCE	LA Basin	11-Jul-11	30	Yes	INC	8	9:20	16:59	11.25	$182	$3	($348)	$0	$0	$0	$0	$0	$0
143	RT	Software Limitation	SCE	LA Basin	19-Jul-11	20- 190	Yes	INC	24	0:00	23:59	3,749.31	$119,478	$157	($168,166)	$470	($21,119)	$0	$0	$0	$0
144	RT	Software Limitation	SCE	LA Basin	20-Jul-11	0	No	INC	1	23:45	23:59	1.50	$0	$0	($39)	$0	$0	$0	$0	$0	$0
145	RT	Software Limitation	SCE	LA Basin	21-Jul-11	0	No	INC	4	0:00	3:44	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
146	RT	Software Limitation	SCE	LA Basin	23-Jul-11	172- 198	Yes	INC	2	22:20	23:14	142.52	$3,885	$516	($27,238)	$0	$0	$0	$0	$0	$0
147	RT	Software Limitation	SCE	LA Basin	24-Jul-11	0	Yes	INC	4	0:05	3:49	6.40	$636	$254	($181)	$0	$0	$0	$0	$0	$0
148	RT	Software Limitation	SCE	LA Basin	29-Jul-11	28	No	DEC	5	18:45	22:44	-6.37	$0	$0	$15	($6)	$0	$0	$0	$0	$0
149	RT	Software Limitation	SCE	LA Basin	29-Jul-11	20	Yes	INC	6	18:45	23:59	53.83	$12,314	$63,744	($712)	$0	$0	$0	$0	$0	$0
150	RT	Software Limitation	SCE	LA Basin	30-Jul-11	80	Yes	DEC	2	21:35	22:29	-36.67	$0	$0	$304	$0	$0	$0	$0	$0	$0
151	RT	Software Limitation	SCE	LA Basin	30-Jul-11	20	Yes	INC	24	0:00	23:59	1,071.91	$73,882	$0	($20,364)	$22	($980)	$0	$0	$0	$0

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
152	RT	Software Limitation	SCE	N/A	16-Jul-11	1	Yes	DEC	1	20:22	20:51	-4.61	$0	$0	$172	($0)	$0	$7	$0	$0	$0
153	RT	Software Limitation	SCE	N/A	16-Jul-11	0	Yes	INC	6	0:20	5:59	56.74	$1,072	$0	($938)	$0	$0	$0	$0	$0	$0
154	RT	Software Limitation	SCE	N/A	21-Jul-11	668- 670	Yes	DEC	9	3:10	11:09	-508.17	$0	$0	$2,696	($205)	$0	$1,171	$0	$0	$0
155	RT	Software Limitation	SCE	N/A	21-Jul-11	0	Yes	INC	9	3:10	11:09	-27.92	$0	$0	$137	$0	$0	$0	$0	$0	$0
156	RT	Software Limitation	SCE	N/A	24-Jul-11	320	Yes	INC	2	22:42	23:21	315.26	$8,529	$0	($3,926)	$0	$0	$0	$0	$0	$0
157	RT	Software Limitation	SDG&E	N/A	10-Jul-11	335	No	INC	2	22:00	23:58	-2.40	$0	$0	$103	$0	$0	$0	$0	$0	$0
158	RT	Software Limitation	SDG&E	N/A	11-Jul-11	310	No	INC	1	0:00	0:59	100.24	$0	$0	($3,022)	$0	$0	$0	$0	$0	$0
159	RT	Software Limitation	SDG&E	N/A	30-Jul-11	315	No	INC	2	17:05	18:59	-462.46	$21,406	$0	$26,381	($147)	$0	$2,647	$0	$0	$0
160	RT	Software Limitation	SDG&E	San Diego	5-Jul-11	0	Yes	INC	2	20:50	21:29	0.00	$0	$0	($0)	$0	$0	$0	$0	$0	$0
161	RT	Software Limitation	SDG&E	San Diego	6-Jul-11	28	Yes	DEC	8	12:40	19:59	3.83	$0	$0	($177)	$0	$0	$0	$0	$0	$0
162	RT	Software Limitation	SDG&E	San Diego	6-Jul-11	43	Yes	INC	10	12:40	21:04	440.74	$13,247	$0	($26,882)	$3	($133)	$0	$0	$0	$0
163	RT	Software Limitation	SDG&E	San Diego	7-Jul-11	0	Yes	INC	1	19:15	19:54	1.93	$0	$0	($91)	$0	$0	$0	$0	$0	$0
164	RT	Software Limitation	SDG&E	San Diego	8-Jul-11	0	Yes	INC	22	0:20	21:24	0.94	$0	$0	($35)	$0	$0	$0	$0	$0	$0
165	RT	Software Limitation	SDG&E	San Diego	9-Jul-11	0	Yes	INC	1	18:15	18:54	2.26	$0	$0	($83)	$0	$0	$0	$0	$0	$0
166	RT	Software Limitation	SDG&E	San Diego	10-Jul-11	20	Yes	INC	3	14:00	16:59	61.42	$3,728	$3,103	($1,860)	$0	$0	$0	$0	$0	$0
167	RT	Software Limitation	SDG&E	San Diego	13-Jul-11	290	Yes	INC	1	19:09	19:59	461.51	$0	$0	($13,414)	$201	($7,213)	$0	$0	$0	$0
168	RT	Software Limitation	SDG&E	San Diego	19-Jul-11	40	Yes	INC	5	19:00	23:59	204.15	$12,796	$0	($8,103)	$0	$0	$0	$0	$0	$0
169	RT	Software Limitation	SDG&E	San Diego	23-Jul-11	65- 72	Yes	INC	2	22:20	23:14	42.40	$963	$172	($8,194)	$0	($0)	$0	$0	$0	$0
170	RT	Software Limitation	SDG&E	San Diego	24-Jul-11	0	Yes	INC	18	1:30	18:24	0.99	$501	$68	($43)	$0	$0	$0	$0	$0	$0
171	RT	Software Limitation	SDG&E	San Diego	25-Jul-11	0	Yes	INC	1	17:20	17:59	0.00	$0	$0	($0)	$0	$0	$0	$0	$0	$0
172	RT	Software Limitation	SDG&E	San Diego	27-Jul-11	0	Yes	INC	1	13:25	13:54	2.03	$0	$0	($164)	$0	$0	$0	$0	$0	$0
173	RT	Software Limitation	SDG&E	San Diego	31-Jul-11	63- 131	No	INC	7	17:06	23:58	-105.15	$17,121	$0	$6,711	$0	$0	$0	$0	$0	$0
174	RT	System Capacity	N/A	N/A	1-Jul-11	20	Yes	INC	17	7:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
175	RT	System Capacity	N/A	N/A	20-Jul-11	20	Yes	INC	21	3:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
176	RT	System Capacity	N/A	N/A	21-Jul-11	20	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
177	RT	System Capacity	SCE	LA Basin	1-Jul-11	40- 85	Yes	INC	24	0:00	23:59	5,136.05	$259,686	$90,924	($354,524)	$561	($29,876)	$0	($2,986)	$0	$0
178	RT	System Capacity	SCE	LA Basin	2-Jul-11	65- 75	Yes	INC	24	0:00	23:59	4,858.33	$319,196	$0	($360,792)	$249	($20,684)	$0	$0	$0	$0
179	RT	System Capacity	SCE	LA Basin	4-Jul-11	36- 225	Yes	DEC	6	18:15	23:59	-93.93	$0	$0	$4,386	$0	$0	$0	$0	$0	$0
180	RT	System Capacity	SCE	LA Basin	4-Jul-11	20- 30	Yes	INC	6	18:15	23:59	161.84	$29,603	$0	($4,914)	$0	$0	$0	$0	$0	$0
181	RT	System Capacity	SCE	LA Basin	5-Jul-11	315	No	DEC	2	15:40	16:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
182	RT	System Capacity	SCE	LA Basin	5-Jul-11	30- 55	Yes	INC	24	0:00	23:59	3,401.84	$186,436	$56,194	($284,639)	$240	($17,150)	$0	$0	$0	$0
183	RT	System Capacity	SCE	LA Basin	6-Jul-11	110	Yes	INC	24	0:00	23:59	10,859.67	$390,944	$0	($673,922)	$435	($32,424)	$0	$0	$0	$0
184	RT	System Capacity	SCE	LA Basin	8-Jul-11	20- 40	Yes	INC	24	0:00	23:59	1,517.08	$142,347	$0	($47,476)	$523	($27,285)	$0	$0	$0	$0

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
185	RT	System Capacity	SCE	LA Basin	9-Jul-11	20	Yes	INC	24	0:00	23:59	507.53	$74,268	$0	($8,257)	$0	$0	$0	$0	$0	$0
186	RT	System Capacity	SCE	LA Basin	20-Jul-11	25	Yes	INC	15	9:00	23:59	587.74	$50,725	$56,194	($43,234)	$319	($31,591)	$0	$0	$0	$0
187	RT	System Capacity	SCE	LA Basin	21-Jul-11	20	Yes	INC	24	0:00	23:59	2,732.77	$104,304	$0	($120,358)	$1,515	($68,919)	$0	$0	$0	$0
188	RT	System Capacity	SCE	LA Basin	26-Jul-11	25	Yes	INC	12	12:00	23:59	300.83	$56,838	$56,195	($10,943)	$0	$0	$0	$0	$0	$0
189	RT	System Capacity	SCE	LA Basin	27-Jul-11	25- 45	Yes	INC	24	0:00	23:59	1,964.46	$184,850	$0	($103,436)	$332	($28,195)	$0	$0	$0	$0
190	RT	System Capacity	SCE	LA Basin	28-Jul-11	25	Yes	INC	8	16:25	23:59	449.68	$34,734	$0	($28,920)	$238	($20,322)	$0	$0	$0	$0
191	RT	System Capacity	SCE	LA Basin	29-Jul-11	25- 45	Yes	INC	24	0:00	23:59	1,040.00	$181,755	$0	($21,614)	$0	$0	$0	$0	$0	$0
192	RT	System Capacity	SDG&E	San Diego	1-Jul-11	20- 40	Yes	INC	17	7:00	23:59	636.66	$28,828	$0	($40,778)	$0	$0	$0	$0	$0	$0
193	RT	System Capacity	SDG&E	San Diego	2-Jul-11	20	Yes	INC	24	0:00	23:59	780.77	$31,542	$0	($59,168)	$0	$0	$0	$0	$0	$0
194	RT	System Capacity	SDG&E	San Diego	20-Jul-11	40	Yes	INC	24	0:00	23:59	1,051.79	$64,089	$0	($30,658)	$0	$0	$0	$0	$0	$0
195	RT	System Capacity	SDG&E	San Diego	24-Jul-11	48	Yes	INC	2	16:00	17:59	96.04	$4,227	$902	($17,066)	$35	($2,705)	$0	($328)	$0	$0
196	RT	System Energy	N/A	N/A	3-Jul-11	200	No	DEC	1	8:00	8:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
197	RT	System Energy	N/A	N/A	3-Jul-11	445	No	INC	1	8:00	8:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
198	RT	System Energy	N/A	N/A	4-Jul-11	451- 601	No	INC	2	13:00	14:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
199	RT	System Energy	N/A	N/A	5-Jul-11	250-1023	No	INC	12	3:00	14:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
200	RT	System Energy	N/A	N/A	7-Jul-11	350	No	DEC	1	13:00	13:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
201	RT	System Energy	N/A	N/A	7-Jul-11	100- 357	Yes	INC	8	6:00	13:59	11.00	$0	$0	($26)	$11	($26)	$0	($113)	$0	$0
202	RT	System Energy	N/A	N/A	8-Jul-11	200	No	DEC	1	7:00	7:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
203	RT	System Energy	N/A	N/A	8-Jul-11	600	No	INC	4	4:00	7:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
204	RT	System Energy	N/A	N/A	17-Jul-11	572	No	INC	1	16:00	16:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
205	RT	System Energy	N/A	N/A	18-Jul-11	100- 407	No	INC	23	0:00	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
206	RT	System Energy	N/A	N/A	19-Jul-11	327-1156	Yes	INC	3	9:00	11:59	205.00	$0	$0	($7,635)	$205	($7,635)	$0	($8,010)	$0	$0
207	RT	System Energy	N/A	N/A	21-Jul-11	315	No	INC	1	10:00	10:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
208	RT	System Energy	N/A	N/A	24-Jul-11	90	No	DEC	1	0:00	0:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
209	RT	System Energy	N/A	N/A	24-Jul-11	150	No	INC	1	0:00	0:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
210	RT	System Energy	N/A	N/A	27-Jul-11	460	No	INC	1	22:00	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
211	RT	System Reliability	N/A	N/A	10-Jul-11	45	No	INC	2	16:30	17:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
212	RT	System Reliability	N/A	N/A	24-Jul-11	147- 560	Yes	INC	7	15:45	21:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
213	RT	System Reliability	PG&E	Bay Area	17-Jul-11	84	Yes	INC	1	22:10	22:59	16.50	$0	$0	($728)	$0	($18)	$0	$0	$0	$0
214	RT	System Reliability	PG&E	Fresno	17-Jul-11	166-1162	Yes	INC	2	22:03	23:59	503.96	$30,037	$1,167	($20,993)	$188	($8,213)	$0	($28,693)	$0	$0
215	RT	System Reliability	PG&E	Fresno	24-Jul-11	83- 346	Yes	INC	5	15:20	19:59	970.99	$41,767	$1,748	($378,034)	$199	($24,546)	$0	($41,965)	$0	$0

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
216	RT	System Reliability	PG&E	N/A	17-Jul-11	300	No	INC	1	22:11	22:29	90.31	$3,165	$0	($3,926)	$0	$0	$0	$0	$0	$0
217	RT	System Reliability	PG&E	N/A	24-Jul-11	280- 288	No	INC	5	15:29	19:38	184.31	$5,822	$0	($47,447)	$35	($1,512)	$0	$0	$0	$0
218	RT	System Reliability	SCE	Big Creek-Ventura	17-Jul-11	120	Yes	INC	2	22:08	23:19	-19.17	$0	$0	$746	$0	$0	$0	$0	$0	$0
219	RT	System Reliability	SCE	Big Creek-Ventura	24-Jul-11	50- 215	No	INC	6	15:46	20:59	405.08	$0	$0	($58,768)	$130	($6,906)	$0	($1,292)	$0	$0
220	RT	System Reliability	SCE	LA Basin	17-Jul-11	817	Yes	INC	2	22:07	23:59	247.62	$7,607	$2,271	($10,578)	$35	($1,511)	$0	($39)	$0	$0
221	RT	System Reliability	SCE	LA Basin	18-Jul-11	0	No	INC	1	0:00	0:29	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
222	RT	System Reliability	SCE	N/A	15-Jul-11	138- 415	Yes	INC	2	22:55	23:29	226.71	$3,263	$0	($2,028)	$93	($639)	$0	($2,361)	$0	$0
223	RT	System Reliability	SDG&E	San Diego	10-Jul-11	45	No	INC	2	16:05	17:59	89.98	$10,118	$637	($3,118)	$0	($3)	$0	($1)	$0	$0
224	RT	System Reliability	SDG&E	San Diego	15-Jul-11	43- 93	No	INC	2	17:26	18:59	100.80	$0	$0	($2,438)	$102	($2,738)	$0	($1,561)	$0	$0
225	RT	System Reliability	SDG&E	San Diego	17-Jul-11	99- 475	Yes	INC	2	22:09	23:19	145.59	$3,373	$956	($5,775)	$91	($3,648)	$0	($446)	$0	$0
226	RT	T-103	SCE	LA Basin	7-Jul-11	65	Yes	INC	24	0:00	23:59	2,956.15	$269,431	$0	($125,019)	$1,302	($76,827)	$0	$0	$0	$0
227	RT	T-129	PG&E	Fresno	3-Jul-11	0	No	INC	1	7:00	7:14	-77.50	$0	$0	$2,358	$0	$0	$0	$0	$0	$0
228	RT	T-129	PG&E	Fresno	6-Jul-11	78	No	INC	1	23:41	23:59	17.03	$0	$0	($180)	$15	($164)	$0	$0	($779)	$0
229	RT	T-129	PG&E	Fresno	7-Jul-11	58- 78	No	INC	24	0:00	23:59	505.13	$0	$0	($13,828)	$75	($2,171)	$0	$0	($3,398)	$0
230	RT	T-129	PG&E	Fresno	8-Jul-11	84	No	DEC	2	0:00	1:59	-117.67	$0	$0	($2,299)	$0	$0	$0	$0	$0	$0
231	RT	T-129	PG&E	Fresno	9-Jul-11	0	Yes	DEC	1	13:20	13:24	4.91	$0	$0	($203)	$2	($78)	$0	$0	($12)	$0
232	RT	T-129	PG&E	Fresno	9-Jul-11	5- 47	Yes	INC	24	0:18	23:59	498.78	$383	$0	($15,801)	$479	($15,148)	$0	$0	($12,886)	$0
233	RT	T-129	PG&E	Fresno	10-Jul-11	44- 47	Yes	INC	2	0:00	1:59	91.16	$128	$0	($1,153)	$88	($1,106)	$0	$0	($6,532)	$0
234	RT	T-129	PG&E	Fresno	11-Jul-11	67- 150	Yes	INC	5	19:05	23:59	346.90	$8,736	$600	($8,186)	$140	($1,092)	$0	$0	($35,560)	$0
235	RT	T-129	PG&E	Fresno	12-Jul-11	32	Yes	INC	1	0:00	0:19	10.51	$43	$0	$0	$10	$0	$0	$0	($1,092)	$0
236	RT	T-129	PG&E	Fresno	15-Jul-11	5	No	DEC	13	9:25	21:59	-92.24	$0	$0	($3,070)	($54)	$0	$1,803	$0	($785)	$0
237	RT	T-129	PG&E	Fresno	16-Jul-11	0- 5	No	DEC	15	7:45	21:59	-31.14	$0	$0	$956	($31)	$0	$945	$0	($1,309)	$0
238	RT	T-129	PG&E	Fresno	16-Jul-11	0- 2	No	INC	15	7:45	21:59	-43.75	$0	$0	($1,283)	$0	$0	$0	$0	$0	$0
239	RT	T-129	PG&E	Fresno	17-Jul-11	1- 5	No	DEC	15	7:15	21:59	-112.56	$0	$0	$453	($56)	$0	$1,684	$0	($2,615)	$0
240	RT	T-129	PG&E	Fresno	18-Jul-11	0- 5	No	DEC	24	0:10	23:59	-86.16	$0	$0	$1,744	($69)	$0	$2,198	$0	($3,489)	$0
241	RT	T-129	PG&E	Fresno	18-Jul-11	0- 10	No	INC	24	0:10	23:59	-9.41	$0	$0	($960)	$0	$0	$0	$0	$0	$0
242	RT	T-129	PG&E	Fresno	24-Jul-11	138- 239	Yes	INC	9	13:24	21:44	1,505.07	$39,001	$1,375	($239,688)	$631	($36,375)	$0	($1,025)	($14,675)	$0
243	RT	T-129	PG&E	Fresno	28-Jul-11	37- 40	Yes	INC	2	19:30	20:29	33.27	$0	$0	($1,107)	$32	($1,051)	$0	$0	($477)	$0
244	RT	T-129	PG&E	Fresno	30-Jul-11	42- 267	Yes	INC	11	13:20	23:29	1,233.32	$7,470	$1,000	($25,657)	$951	($19,303)	$0	$0	($253,307)	$0
245	RT	T-129	PG&E	Fresno	31-Jul-11	45	Yes	INC	6	17:00	22:04	226.15	$639	$128	($6,800)	$210	($6,190)	$0	$0	($11,967)	$0
246	RT	T-132	N/A	N/A	2-Jul-11	245- 565	No	INC	5	15:00	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0

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
247	RT	T-132	N/A	N/A	21-Jul-11	45	No	DEC	4	16:45	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
248	RT	T-132	N/A	N/A	23-Jul-11	25- 165	No	DEC	2	18:30	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
249	RT	T-132	N/A	N/A	30-Jul-11	310- 450	No	INC	4	15:05	18:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
250	RT	T-132	SCE	LA Basin	2-Jul-11	126	Yes	INC	6	14:01	19:59	753.53	$46,883	$2,400	($82,967)	$114	($9,832)	$0	($14,700)	$0	$0
251	RT	T-132	SCE	LA Basin	30-Jul-11	25- 320	Yes	INC	9	15:35	23:59	825.81	$41,839	$0	($40,957)	$481	($21,917)	$0	($22,282)	$0	$0
252	RT	T-132	SCE	N/A	2-Jul-11	15- 80	Yes	INC	7	13:17	19:59	412.07	$0	$0	($29,049)	$45	($2,531)	$0	($71)	$0	$0
253	RT	T-132	SCE	N/A	3-Jul-11	65	Yes	DEC	6	16:11	21:59	-193.43	$0	$0	$7,208	$0	$0	$0	$0	$0	$0
254	RT	T-132	SCE	N/A	3-Jul-11	1	Yes	INC	6	16:40	21:59	36.00	$0	$0	($1,175)	$1	($21)	$0	($4)	$0	$0
255	RT	T-132	SCE	N/A	30-Jul-11	26- 51	No	DEC	4	13:35	16:44	-19.28	$0	$0	$659	$0	$0	$0	$0	$0	$0
256	RT	T-132	SCE	N/A	30-Jul-11	15	No	INC	3	14:15	16:29	25.28	$0	$0	($1,145)	$15	($594)	$0	($110)	$0	$0
257	RT	T-132	SDG&E	N/A	2-Jul-11	86- 120	Yes	DEC	6	14:05	19:59	-720.67	$0	$0	$16,782	($705)	$0	$16,383	$0	$0	$0
258	RT	T-132	SDG&E	N/A	2-Jul-11	245- 400	No	INC	6	14:09	19:59	-1,802.59	$39,252	$0	$147,415	($242)	$0	$4,263	$0	$0	$0
259	RT	T-132	SDG&E	N/A	3-Jul-11	108- 164	No	DEC	5	16:08	20:59	-712.14	$0	$0	$18,912	($617)	$0	$15,973	$0	$0	$0
260	RT	T-132	SDG&E	N/A	19-Jul-11	20- 49	Yes	DEC	2	16:25	17:49	-42.43	$0	$0	$1,213	($40)	$0	$1,076	$0	$0	$0
261	RT	T-132	SDG&E	N/A	23-Jul-11	18- 50	Yes	DEC	4	16:35	19:59	-142.80	$0	$0	$3,717	($138)	$0	$3,376	$0	$0	$0
262	RT	T-132	SDG&E	N/A	23-Jul-11	310	No	INC	2	17:50	18:29	-94.69	$0	$0	$1,709	($95)	$0	$1,709	$0	$0	$0
263	RT	T-132	SDG&E	N/A	30-Jul-11	66- 109	No	DEC	6	13:40	18:59	-468.20	$0	$0	$11,825	($387)	$0	$9,800	$0	$0	$0
264	RT	T-132	SDG&E	N/A	30-Jul-11	0	No	INC	2	17:30	18:59	-2.24	$0	$0	$80	$0	$0	$0	$0	$0	$0
265	RT	T-132	SDG&E	San Diego	18-Jul-11	66	No	DEC	2	15:45	16:09	-15.49	$0	$0	$1,915	($15)	$0	$1,877	$0	($1,233)	$0
266	RT	T-133	N/A	N/A	20-Jul-11	19- 40	Yes	INC	4	19:05	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
267	RT	T-133	PG&E	Bay Area	3-Jul-11	20	Yes	INC	2	19:05	20:59	38.33	$2,346	$456	($1,358)	$0	$0	$0	$0	$0	$0
268	RT	T-133	PG&E	Bay Area	20-Jul-11	40	No	INC	4	19:00	22:59	159.66	$0	$0	($5,959)	$11	($410)	$0	$0	$0	$0
269	RT	T-138	N/A	N/A	8-Jul-11	0- 4	Yes	DEC	18	5:00	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
270	RT	T-138	N/A	N/A	8-Jul-11	15- 58	Yes	INC	19	4:50	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
271	RT	T-138	N/A	N/A	21-Jul-11	3	No	INC	1	23:55	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
272	RT	T-138	N/A	N/A	22-Jul-11	80	Yes	INC	2	0:00	1:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
273	RT	T-138	N/A	N/A	29-Jul-11	29	No	INC	3	17:05	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
274	RT	T-138	PG&E	Humboldt	8-Jul-11	44- 74	No	INC	20	4:34	23:51	357.07	$44,301	$81	($5,854)	$108	($1,945)	$0	$0	($2,021)	$0
275	RT	T-138	PG&E	Humboldt	20-Jul-11	13	No	INC	1	21:36	21:54	-1.45	$0	$0	$54	$0	$0	$0	$0	$0	$0
276	RT	T-138	PG&E	Humboldt	25-Jul-11	15	No	INC	4	20:52	23:58	46.95	$2,517	$109	($1,384)	$8	($229)	$0	$0	($73)	$0
277	RT	T-138	PG&E	Humboldt	26-Jul-11	15	No	INC	1	0:00	0:16	4.93	$210	$0	$45	$1	$4	$0	$0	($26)	$0
278	RT	T-167	PG&E	N/A	8-Jul-11	6- 32	No	DEC	4	8:26	11:29	-47.34	$0	$0	($6,047)	($47)	$0	($4,945)	$0	($563)	$0
279	RT	T-167	PG&E	N/A	8-Jul-11	5	No	INC	2	10:45	11:29	-2.08	$0	$0	($354)	$0	$0	$0	$0	$0	$0
280	RT	T-167	PG&E	Stockton	1-Jul-11	25	No	INC	1	23:36	23:58	12.88	$0	$0	($285)	$0	$0	$0	$0	$0	$0

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
281	RT	T-167	PG&E	Stockton	4-Jul-11	6- 25	No	INC	17	7:05	23:59	245.46	$0	$0	($10,959)	$0	$0	$0	$0	$0	$0
282	RT	T-167	PG&E	Stockton	5-Jul-11	3- 19	No	INC	24	0:20	23:59	136.86	$0	$0	($7,081)	$0	$0	$0	$0	$0	$0
283	RT	T-167	PG&E	Stockton	6-Jul-11	15- 25	No	INC	24	0:00	23:59	432.48	$0	$0	($19,480)	$0	$0	$0	$0	$0	$0
284	RT	T-167	PG&E	Stockton	7-Jul-11	3- 25	No	INC	24	0:00	23:59	251.34	$0	$0	($7,871)	$0	$0	$0	$0	$0	$0
285	RT	T-167	PG&E	Stockton	8-Jul-11	15- 20	No	INC	24	0:00	23:59	217.76	$0	$0	($9,116)	$0	$0	$0	$0	$0	$0
286	RT	T-167	PG&E	Stockton	10-Jul-11	0	No	DEC	13	5:50	17:09	-11.75	$0	$0	$57	($1)	$0	($1)	$0	($6)	$0
287	RT	T-167	PG&E	Stockton	10-Jul-11	6- 55	No	INC	19	5:50	23:59	49.88	$0	$0	($4,844)	$0	$0	$0	$0	$0	$0
288	RT	T-167	PG&E	Stockton	11-Jul-11	0	No	DEC	23	1:25	23:59	2.86	$0	$0	($84)	($0)	$0	$6	$0	$0	$0
289	RT	T-167	PG&E	Stockton	11-Jul-11	3- 50	No	INC	23	1:15	23:59	85.50	$0	$0	($2,141)	$0	$0	$0	$0	$0	$0
290	RT	T-167	PG&E	Stockton	12-Jul-11	3	No	DEC	2	0:05	1:34	-2.06	$0	$0	($2)	($2)	$0	($6)	$0	($5)	$0
291	RT	T-167	PG&E	Stockton	12-Jul-11	4	No	INC	2	0:05	1:34	1.32	$0	$0	($49)	$0	$0	$0	$0	$0	$0
292	RT	T-167	PG&E	Stockton	14-Jul-11	7- 9	No	DEC	6	3:30	8:59	-11.18	$0	$0	$16	($11)	$0	$16	$0	($55)	$0
293	RT	T-167	PG&E	Stockton	14-Jul-11	3- 19	No	INC	18	3:30	20:59	5.12	$0	$0	($5,536)	$0	$0	$0	$0	$0	$0
294	RT	T-167	PG&E	Stockton	15-Jul-11	3- 11	No	DEC	24	0:05	23:59	-44.38	$0	$0	$3,074	($28)	$0	$2,642	$0	($2,646)	$0
295	RT	T-167	PG&E	Stockton	15-Jul-11	4- 13	No	INC	21	1:50	21:59	54.58	$0	$0	($8,509)	$0	$0	$0	$0	$0	$0
296	RT	T-167	PG&E	Stockton	16-Jul-11	0- 11	No	DEC	23	0:15	22:59	-72.20	$0	$0	$274	($60)	$0	$111	$0	($536)	$0
297	RT	T-167	PG&E	Stockton	16-Jul-11	5- 25	No	INC	23	0:15	22:59	71.19	$0	$0	($1,932)	$0	$0	$0	$0	$0	$0
298	RT	T-167	PG&E	Stockton	17-Jul-11	1- 7	No	DEC	24	0:00	23:59	-53.31	$0	$0	($179)	($33)	$0	($89)	$0	($291)	$0
299	RT	T-167	PG&E	Stockton	17-Jul-11	1- 25	No	INC	24	0:00	23:59	59.85	$0	$0	($2,138)	$0	$0	$0	$0	$0	$0
300	RT	T-167	PG&E	Stockton	18-Jul-11	10	No	DEC	24	0:00	23:59	-32.35	$0	$0	($241)	($31)	$0	($232)	$0	$0	$0
301	RT	T-167	PG&E	Stockton	18-Jul-11	1- 17	No	INC	24	0:00	23:59	53.22	$0	$0	($2,839)	$0	$0	$0	$0	$0	$0
302	RT	T-167	PG&E	Stockton	19-Jul-11	10	No	INC	1	0:00	0:59	9.10	$0	$0	($296)	$0	$0	$0	$0	$0	$0
303	RT	T-167	PG&E	Stockton	20-Jul-11	0	No	DEC	2	13:25	14:19	1.39	$0	$0	($69)	($0)	$0	$10	$0	($1)	$0
304	RT	T-167	PG&E	Stockton	20-Jul-11	0- 25	No	INC	24	0:00	23:59	16.70	$0	$0	($1,449)	$0	$0	$0	$0	$0	$0
305	RT	T-167	PG&E	Stockton	21-Jul-11	0- 1	No	DEC	24	0:00	23:59	-6.82	$0	$0	$183	($1)	$0	$9	$0	($7)	$0
306	RT	T-167	PG&E	Stockton	21-Jul-11	3- 25	No	INC	24	0:00	23:59	-38.32	$0	$0	($1,501)	$0	$0	$0	$0	$0	$0
307	RT	T-167	PG&E	Stockton	22-Jul-11	0- 6	No	DEC	24	0:00	23:59	-47.28	$0	$0	$994	($8)	$0	$194	$0	($97)	$0
308	RT	T-167	PG&E	Stockton	22-Jul-11	1- 25	No	INC	24	0:00	23:59	-14.85	$0	$0	($363)	$0	$0	$0	$0	$0	$0
309	RT	T-167	PG&E	Stockton	23-Jul-11	2- 11	No	DEC	24	0:00	23:59	-132.68	$0	$0	$4,116	($81)	$0	$3,515	$0	($3,286)	$0
310	RT	T-167	PG&E	Stockton	23-Jul-11	1- 12	No	INC	24	0:00	23:59	1.62	$0	$0	($461)	$0	$0	$0	$0	$0	$0
311	RT	T-167	PG&E	Stockton	24-Jul-11	0- 11	No	DEC	24	0:00	23:59	-127.17	$0	$0	$4,079	($54)	$0	$1,357	$0	($1,382)	$0
312	RT	T-167	PG&E	Stockton	24-Jul-11	0- 13	No	INC	24	0:00	23:59	-40.58	$0	$0	$1,449	$0	$0	$0	$0	$0	$0
313	RT	T-167	PG&E	Stockton	25-Jul-11	2- 11	No	DEC	24	0:00	23:59	-50.19	$0	$0	$500	($38)	$0	$310	$0	($334)	$0
314	RT	T-167	PG&E	Stockton	25-Jul-11	0- 8	No	INC	24	0:00	23:59	-29.18	$0	$0	$910	$0	$0	$0	$0	$0	$0
315	RT	T-167	PG&E	Stockton	26-Jul-11	11	No	DEC	10	14:10	23:59	-149.28	$0	$0	$4,577	($117)	$0	$3,642	$0	($3,634)	$0
316	RT	T-167	PG&E	Stockton	27-Jul-11	0- 12	No	DEC	24	0:00	23:59	-242.19	$0	$0	$7,661	($183)	$0	$5,782	$0	($5,683)	$0

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
317	RT	T-167	PG&E	Stockton	27-Jul-11	24	No	INC	24	0:00	23:59	18.30	$0	$0	($583)	$0	$0	$0	$0	$0	$0
318	RT	T-167	PG&E	Stockton	28-Jul-11	0- 12	No	DEC	24	0:20	23:59	-284.45	$0	$0	$8,193	($225)	$0	$6,206	$0	($6,278)	$0
319	RT	T-167	PG&E	Stockton	28-Jul-11	10	No	INC	24	0:20	23:59	8.57	$0	$0	($261)	$0	$0	$0	$0	$0	$0
320	RT	T-167	PG&E	Stockton	29-Jul-11	0- 12	No	DEC	23	1:30	23:59	-260.36	$0	$0	$5,450	($217)	$0	$4,360	$0	($4,358)	$0
321	RT	T-167	PG&E	Stockton	29-Jul-11	1	No	INC	23	1:30	23:59	-0.65	$0	$0	$1	$0	$0	$0	$0	$0	$0
322	RT	T-167	PG&E	Stockton	30-Jul-11	1- 12	No	DEC	24	0:00	23:59	-257.67	$0	$0	$3,187	($220)	$0	$2,795	$0	($2,765)	$0
323	RT	T-167	PG&E	Stockton	31-Jul-11	4- 12	No	DEC	24	0:00	23:59	-369.84	$0	$0	$1,676	($273)	$0	$2,984	$0	($3,585)	$0
324	RT	Thermal Margin	SCE	LA Basin	16-Jul-11	20	No	INC	2	22:25	23:59	1.67	$0	$0	($74)	$0	$0	$0	$0	$0	$0
325	RT	Thermal Margin	SCE	LA Basin	17-Jul-11	20- 40	Yes	INC	16	8:00	23:59	1,146.69	$112,859	$100,552	($39,778)	$18	($808)	$0	($30)	$0	$0
326	RT	Thermal Margin	SCE	LA Basin	18-Jul-11	20- 110	Yes	INC	22	2:00	23:59	2,583.28	$157,366	$0	($108,741)	$510	($22,729)	$0	$0	$0	$0
327	RT	Thermal Margin	SDG&E	San Diego	17-Jul-11	155	Yes	INC	14	8:00	21:59	2,795.85	$83,229	$25,567	($85,143)	$0	$0	$0	$0	$0	$0
328	RT	Transmission Mitigation	N/A	N/A	25-Jul-11	200	No	DEC	2	22:40	23:58	-263.33	$0	$0	$43	($213)	$0	$2	$0	$0	$0
329	RT	Transmission Mitigation	PG&E	Stockton	1-Jul-11	18- 24	No	INC	4	4:25	7:59	-2.44	$0	$0	($567)	$0	$0	$0	$0	$0	$0
330	RT	Transmission Outage Other	N/A	N/A	23-Jul-11	278	Yes	INC	1	22:29	22:37	46.71	$0	$0	($1,975)	$36	($1,623)	$0	$0	$0	$0
331	RT	Transmission Outage Other	N/A	N/A	24-Jul-11	200	No	DEC	2	0:45	1:59	-175.39	$0	$0	$592	($151)	$0	$2	$0	$0	$0
332	RT	Transmission Outage Other	PG&E	Fresno	23-Jul-11	0	Yes	DEC	2	22:42	23:44	34.12	$0	$0	($18,124)	$0	$0	$0	$0	$0	$0
333	RT	Transmission Outage Other	PG&E	Fresno	23-Jul-11	249-1764	Yes	INC	2	22:24	23:59	894.30	$9,374	$2,889	($271,729)	$158	($45,026)	$0	$0	$0	$0
334	RT	Transmission Outage PG&E	N/A	N/A	5-Jul-11	0- 4	Yes	DEC	9	6:55	14:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
335	RT	Transmission Outage PG&E	N/A	N/A	5-Jul-11	45- 100	Yes	INC	9	6:30	14:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
336	RT	Transmission Outage PG&E	N/A	N/A	6-Jul-11	1- 7	Yes	DEC	16	8:15	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
337	RT	Transmission Outage PG&E	N/A	N/A	6-Jul-11	15- 79	Yes	INC	18	6:05	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
338	RT	Transmission Outage PG&E	N/A	N/A	7-Jul-11	58	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
339	RT	Transmission Outage PG&E	N/A	N/A	10-Jul-11	1	Yes	DEC	15	3:45	17:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
340	RT	Transmission Outage PG&E	N/A	N/A	10-Jul-11	19	Yes	INC	15	3:45	17:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
341	RT	Transmission Outage PG&E	N/A	N/A	18-Jul-11	32- 64	Yes	INC	19	5:55	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
342	RT	Transmission Outage PG&E	N/A	N/A	19-Jul-11	0	Yes	DEC	13	10:50	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
343	RT	Transmission Outage PG&E	N/A	N/A	19-Jul-11	3- 66	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
344	RT	Transmission Outage PG&E	N/A	N/A	20-Jul-11	29- 61	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
345	RT	Transmission Outage PG&E	N/A	N/A	21-Jul-11	32- 48	Yes	INC	20	0:00	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
346	RT	Transmission Outage PG&E	N/A	N/A	22-Jul-11	16	No	INC	12	2:55	13:04	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
347	RT	Transmission Outage PG&E	N/A	N/A	25-Jul-11	32	No	INC	15	5:25	19:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
348	RT	Transmission Outage PG&E	N/A	N/A	26-Jul-11	15- 32	Yes	INC	23	1:05	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
349	RT	Transmission Outage PG&E	N/A	N/A	27-Jul-11	3- 47	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
350	RT	Transmission Outage PG&E	N/A	N/A	28-Jul-11	32- 80	Yes	INC	23	0:00	22:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0

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
351	RT	Transmission Outage PG&E	N/A	N/A	29-Jul-11	32	No	INC	13	0:15	12:54	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
352	RT	Transmission Outage PG&E	PG&E	Bay Area	11-Jul-11	20	Yes	INC	7	9:35	15:59	128.33	$9,048	$511	($2,646)	$0	$0	$0	$0	$0	$0
353	RT	Transmission Outage PG&E	PG&E	Fresno	16-Jul-11	5	No	DEC	5	1:15	5:09	-42.83	$0	$0	($823)	($14)	$0	$92	$0	($290)	$0
354	RT	Transmission Outage PG&E	PG&E	Fresno	18-Jul-11	0	Yes	DEC	2	21:35	22:34	38.41	$0	$0	($832)	$0	$0	$0	$0	$0	$0
355	RT	Transmission Outage PG&E	PG&E	Fresno	18-Jul-11	83	Yes	INC	3	21:35	23:29	51.87	$4,980	$0	($1,652)	$0	$0	$0	$0	$0	$0
356	RT	Transmission Outage PG&E	PG&E	Fresno	20-Jul-11	0	No	INC	3	2:05	4:14	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
357	RT	Transmission Outage PG&E	PG&E	Fresno	21-Jul-11	20	No	DEC	6	12:50	17:09	19.03	$0	$0	($394)	$0	$0	$0	$0	$0	$0
358	RT	Transmission Outage PG&E	PG&E	Fresno	21-Jul-11	17	No	INC	6	12:50	17:09	1.26	$0	$0	($39)	$1	($40)	$0	$0	($322)	$0
359	RT	Transmission Outage PG&E	PG&E	Fresno	25-Jul-11	95- 216	Yes	INC	9	12:40	20:59	1,480.58	$37,034	$1,757	($49,192)	$835	($27,731)	$0	$0	($30,528)	$0
360	RT	Transmission Outage PG&E	PG&E	Fresno	26-Jul-11	45- 48	Yes	INC	11	12:50	22:59	458.60	$1,277	$138	($17,434)	$422	($16,089)	$0	$0	($21,163)	$0
361	RT	Transmission Outage PG&E	PG&E	Fresno	28-Jul-11	47	Yes	INC	3	20:30	22:59	117.34	$0	$0	($3,305)	$110	($3,108)	$0	$0	($3,444)	$0
362	RT	Transmission Outage PG&E	PG&E	Fresno	29-Jul-11	46- 141	Yes	INC	5	19:10	23:59	526.19	$11,349	$1,599	($10,912)	$269	($5,685)	$0	$0	($13,403)	$0
363	RT	Transmission Outage PG&E	PG&E	Fresno	30-Jul-11	141	Yes	INC	6	18:40	23:59	767.74	$13,133	$1,606	($14,915)	$492	($9,530)	$0	$0	($23,220)	$0
364	RT	Transmission Outage PG&E	PG&E	Fresno	31-Jul-11	117- 200	Yes	INC	3	20:45	22:29	263.42	$2,490	$0	($7,223)	$205	($5,540)	$0	$0	($54,063)	$0
365	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Jul-11	16	No	INC	2	22:36	23:59	-4.48	$0	$0	$122	$2	($46)	$0	$0	($13)	$0
366	RT	Transmission Outage PG&E	PG&E	Humboldt	19-Jul-11	64	No	INC	1	21:00	21:59	18.23	$838	$0	($715)	$9	($317)	$0	$0	($62)	$0
367	RT	Transmission Outage PG&E	PG&E	Humboldt	21-Jul-11	47	No	INC	1	16:00	16:34	-6.02	$1,048	$0	$253	($2)	$0	$88	$0	($81)	$0
368	RT	Transmission Outage PG&E	PG&E	Humboldt	22-Jul-11	16	No	INC	4	2:37	5:04	12.99	$559	$0	($194)	$2	($31)	$0	$0	($68)	$0
369	RT	Transmission Outage PG&E	PG&E	Humboldt	25-Jul-11	32	No	INC	13	5:06	17:59	213.13	$20,963	$0	($8,741)	$80	($2,838)	$0	$0	($1,925)	$0
370	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Jul-11	15	No	INC	1	20:13	20:59	6.95	$419	$112	($261)	$1	($42)	$0	$0	($21)	$0
371	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Jul-11	16- 47	No	INC	24	0:00	23:59	354.41	$32,912	$137	($14,426)	$132	($5,119)	$0	$0	($2,867)	$0
372	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Jul-11	16- 48	No	INC	22	0:00	21:59	152.62	$10,761	$112	($4,278)	$40	($985)	$0	$0	($1,168)	$0
373	RT	Transmission Outage PG&E	PG&E	NCNB	19-Jul-11	18- 55	No	DEC	12	6:35	17:59	-435.10	$0	$0	$15,553	($419)	$0	$15,290	$0	($28,233)	$0
374	RT	Transmission Outage PG&E	PG&E	NCNB	19-Jul-11	9- 20	No	INC	4	6:35	9:19	28.67	$0	$0	($755)	$0	$0	$0	$0	$0	$0
375	RT	Transmission Outage PG&E	PG&E	Sierra	21-Jul-11	20- 66	Yes	INC	6	18:55	23:59	311.24	$12,818	$1,198	($9,190)	$119	($3,428)	$0	$0	($2,698)	$0
376	RT	Transmission Outage PG&E	PG&E	Sierra	22-Jul-11	20- 45	Yes	INC	20	0:00	19:28	167.99	$8,797	$432	($10,946)	$37	($1,277)	$0	$0	($629)	$0
377	RT	Transmission Outage PG&E	PG&E	Stockton	1-Jul-11	13- 20	No	INC	2	3:15	4:24	17.38	$0	$0	($651)	$0	$0	$0	$0	$0	$0
378	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	1-Jul-11	26	No	DEC	1	13:26	13:50	-10.29	$0	$0	$408	($10)	$0	$408	$0	($205)	$0
379	RT	Transmission Outage SDG&E	N/A	N/A	22-Jul-11	20- 40	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
380	RT	Transmission Outage SDG&E	SDG&E	San Diego	2-Jul-11	46	Yes	INC	1	19:00	19:20	26.92	$0	$0	($1,279)	$1	($32)	$0	$0	($2)	$0
381	RT	Transmission Outage SDG&E	SDG&E	San Diego	5-Jul-11	3	Yes	DEC	9	6:50	14:59	2.00	$0	$0	($99)	$0	$0	$0	$0	$0	$0
382	RT	Transmission Outage SDG&E	SDG&E	San Diego	5-Jul-11	45	Yes	INC	9	6:50	14:59	284.00	$12,985	$0	($20,355)	$0	$0	$0	$0	$0	$0

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
383	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Jul-11	3	Yes	DEC	8	10:35	17:44	0.21	$0	$0	($10)	$0	$0	$0	$0	$0	$0
384	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Jul-11	15- 47	Yes	INC	13	7:06	19:59	226.84	$17,361	$794	($16,440)	$7	($332)	$0	$0	($951)	$0
385	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Jul-11	1	Yes	DEC	6	7:25	12:59	1.87	$0	$0	($69)	$0	$0	$0	$0	$0	$0
386	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Jul-11	45	Yes	INC	6	7:25	12:59	204.90	$10,236	$0	($10,057)	$0	$0	$0	$0	$0	$0
387	RT	Transmission Outage SDG&E	SDG&E	San Diego	8-Jul-11	6	Yes	DEC	6	11:45	16:09	3.97	$0	$0	($196)	$0	$0	$0	$0	$0	$0
388	RT	Transmission Outage SDG&E	SDG&E	San Diego	8-Jul-11	90	Yes	INC	6	11:45	16:09	302.28	$15,723	$0	($13,268)	$0	$0	$0	$0	$0	$0
389	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Jul-11	45	Yes	INC	11	8:35	18:59	472.50	$24,192	$217	($8,306)	$0	$0	$0	$0	$0	$0
390	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Jul-11	45	Yes	INC	6	12:30	17:44	245.25	$11,928	$217	($10,737)	$0	$0	$0	$0	$0	$0
391	RT	Transmission Outage SDG&E	SDG&E	San Diego	21-Jul-11	14- 113	Yes	DEC	5	15:55	19:59	-325.51	$0	$0	$13,828	($102)	$0	$7,011	$0	($2,635)	$0
392	RT	Transmission Outage SDG&E	SDG&E	San Diego	21-Jul-11	8- 289	Yes	INC	12	8:00	19:59	-833.58	$0	$0	$21,892	$0	$0	$0	$0	$0	$0
393	RT	Transmission Outage SDG&E	SDG&E	San Diego	22-Jul-11	3- 8	Yes	DEC	2	17:40	18:42	3.88	$0	$0	($131)	$0	$0	$0	$0	$0	$0
394	RT	Transmission Outage SDG&E	SDG&E	San Diego	22-Jul-11	45	Yes	INC	7	17:54	23:59	123.50	$2,800	$0	($4,403)	$0	$0	$0	$0	$0	$0
395	RT	Transmission Outage SDG&E	SDG&E	San Diego	23-Jul-11	45	Yes	INC	24	0:00	23:29	173.98	$8,418	$0	($10,122)	$0	$0	$0	$0	$0	$0
396	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jul-11	2	Yes	DEC	8	12:50	19:59	3.67	$0	$0	($162)	$0	$0	$0	$0	$0	$0
397	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jul-11	46	Yes	INC	8	12:50	19:59	190.81	$8,698	$0	($8,427)	$3	($97)	$0	$0	($12)	$0
398	RT	Transmission Outage SDG&E	SDG&E	San Diego	28-Jul-11	3	Yes	DEC	11	12:00	22:59	0.18	$0	$0	($7)	$0	$0	$0	$0	$0	$0
399	RT	Transmission Outage SDG&E	SDG&E	San Diego	28-Jul-11	45	Yes	INC	16	7:25	22:59	266.31	$11,943	$66	($8,108)	$0	$0	$0	$0	$0	$0
400	RT	Unit Testing	N/A	N/A	13-Jul-11	20- 97	No	INC	2	9:35	10:49	19.13	$0	$0	($249)	$10	($89)	$0	$0	$0	$0
401	RT	Unit Testing	PG&E	Fresno	20-Jul-11	64- 98	No	INC	1	9:07	9:23	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0
402	RT	Unit Testing	SCE	LA Basin	12-Jul-11	0	Yes	DEC	1	16:40	16:59	1.59	$0	$0	($30)	$0	$0	$0	$0	$0	$0
403	RT	Unit Testing	SCE	LA Basin	12-Jul-11	0	Yes	INC	4	13:00	16:39	-0.57	$0	$0	$19	$0	$0	$0	$0	$0	$0
404	RT	Unit Testing	SCE	LA Basin	13-Jul-11	3	No	INC	1	9:35	9:49	0.00	$0	$0	$0	$0	$0	$0	$0	$0	$0

Appendix A: Explanation by Example

All examples listed below are based on fictitious data. Many simplified assumptions are made to explain settlement charge codes, and not all assumptions are explicitly stated in these examples. For instance settlement charge codes are calculated based on metered quantities, whereas, in these examples the dispatch quantities are assumed to be equal to metered quantities. These assumptions have been made to simplify the understanding of settlements calculations.

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-219. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs, shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs[7]. 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 column shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time column 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 resources 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

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

Example 2: Incremental Exceptional Dispatch Instructions in RTM

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

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

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

Table 4: Incremental Exceptional Dispatch Instructions in RTM

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

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

Table 5: FERC Summary of ED Instructions in RTM

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

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

Example 3: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PGAE area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,928 five-minute intervals in July, this resource was issued exceptional dispatch instructions in 649 five-minute intervals. It was eligible to set the LMP in 589 of the 649 intervals. Resource calculated LMP was larger than the market LMP in 576 of the 589 intervals. In the 576 intervals, the average increase in five minute LMP was $169.50/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 $169.50/MWh. Note that 576 five minute intervals are approximately 6.45 percent of the total 8,928 five minute intervals.

Table 9 shows the price impact analysis information for node B, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8,928 five minute intervals, this resource was issued an exceptional dispatch instruction in 2,895 five minute intervals. This resource was eligible to set the LMP in in 2,859 of the 2,895 intervals. Out of the 2,859 intervals, resource calculated LMP was larger than the market LMP in 2,287 intervals. In the 2,287 intervals, the average increase in five minute LMP was $21.83/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of $21.83/MWh. The 2,287 five minute intervals account for approximately 25.62 percent of the total 8,928 five minute intervals.

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	9-Jul-11	14	4	$40.35	Yes	$399.00	$358.65
2	9-Jul-11	14	5	$41.01	Yes	$54.00	$12.99
3	9-Jul-11	14	5	$41.01	Yes	$399.00	$357.99
4	9-Jul-11	14	6	$41.58	Yes	$399.00	$357.42
5	9-Jul-11	14	6	$41.58	Yes	$399.00	$357.42
6	9-Jul-11	14	7	$31.97	Yes	$399.00	$367.03
7	9-Jul-11	14	7	$31.97	Yes	$399.00	$367.03
8	9-Jul-11	14	8	$32.88	Yes	$399.00	$366.12
9	9-Jul-11	14	8	$32.88	Yes	$399.00	$366.12
10	9-Jul-11	14	9	$33.23	Yes	$399.00	$365.77
11	9-Jul-11	14	10	$33.76	Yes	$399.00	$365.24
12	9-Jul-11	14	11	$39.47	Yes	$399.00	$359.53
13	9-Jul-11	14	12	$36.67	Yes	$399.00	$362.33
14	9-Jul-11	15	1	$33.11	Yes	$399.00	$365.89
15	9-Jul-11	15	2	$33.62	Yes	$399.00	$365.38
16	9-Jul-11	15	3	$35.85	Yes	$399.00	$363.15
17	9-Jul-11	15	4	$31.94	Yes	$399.00	$367.06
18	9-Jul-11	15	5	$31.94	Yes	$399.00	$367.06
19	9-Jul-11	15	6	$33.99	Yes	$399.00	$365.01
20	9-Jul-11	15	7	$33.58	Yes	$399.00	$365.42
21	9-Jul-11	15	8	$40.18	Yes	$399.00	$358.82
22	9-Jul-11	15	9	$40.18	Yes	$399.00	$358.82
23	9-Jul-11	15	10	$32.90	Yes	$399.00	$366.10
24	9-Jul-11	15	11	$33.67	Yes	$399.00	$365.33
25	9-Jul-11	15	12	$33.66	Yes	$399.00	$365.34
26	9-Jul-11	16	1	$33.77	Yes	$399.00	$365.23
27	9-Jul-11	16	2	$33.74	Yes	$399.00	$365.26
28	9-Jul-11	16	3	$32.14	Yes	$399.00	$366.86
29	9-Jul-11	16	4	$40.51	Yes	$399.00	$358.49
30	9-Jul-11	16	5	$41.73	Yes	$399.00	$357.27
31	9-Jul-11	16	6	$33.39	Yes	$399.00	$365.61
32	9-Jul-11	16	7	$33.42	Yes	$399.00	$365.58
33	9-Jul-11	16	8	$33.64	Yes	$399.00	$365.36
34	9-Jul-11	16	9	$32.84	Yes	$399.00	$366.16
35	9-Jul-11	16	10	$33.71	Yes	$399.00	$365.29
36	9-Jul-11	16	11	$33.67	Yes	$399.00	$365.33
37	9-Jul-11	16	12	$33.71	Yes	$399.00	$365.29
38	9-Jul-11	17	1	$40.41	Yes	$399.00	$358.59
39	9-Jul-11	17	2	$40.72	Yes	$399.00	$358.28
40	9-Jul-11	17	3	$40.72	Yes	$399.00	$358.28
41	9-Jul-11	17	4	$40.57	Yes	$399.00	$358.43
42	9-Jul-11	17	5	$40.57	Yes	$399.00	$358.43
43	9-Jul-11	17	6	$40.57	Yes	$399.00	$358.43

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	9-Jul-11	17	7	$40.93	Yes	$399.00	$358.07
45	9-Jul-11	17	8	$40.93	Yes	$399.00	$358.07
46	9-Jul-11	17	9	$42.09	Yes	$399.00	$356.91
47	9-Jul-11	17	10	$40.89	Yes	$399.00	$358.11
48	9-Jul-11	17	11	$40.89	Yes	$399.00	$358.11
49	9-Jul-11	17	12	$42.14	Yes	$399.00	$356.86
50	9-Jul-11	18	1	$32.33	Yes	$399.00	$366.67
51	9-Jul-11	18	2	$33.89	Yes	$399.00	$365.11
52	9-Jul-11	18	3	$40.88	Yes	$399.00	$358.12
53	9-Jul-11	18	4	$40.91	Yes	$399.00	$358.09
54	9-Jul-11	18	5	$41.04	Yes	$399.00	$357.96
55	9-Jul-11	18	6	$41.24	Yes	$399.00	$357.76
56	9-Jul-11	18	7	$32.33	Yes	$399.00	$366.67
57	9-Jul-11	18	8	$33.12	Yes	$399.00	$365.88
58	9-Jul-11	18	9	$32.33	Yes	$399.00	$366.67
59	9-Jul-11	18	10	$34.02	Yes	$399.00	$364.98
60	9-Jul-11	18	11	$34.02	Yes	$399.00	$364.98
61	9-Jul-11	18	12	$32.32	Yes	$399.00	$366.68
62	9-Jul-11	19	1	$35.19	Yes	$399.00	$363.81
63	9-Jul-11	19	2	$35.14	Yes	$399.00	$363.86
64	9-Jul-11	19	3	$35.50	Yes	$399.00	$363.50
65	9-Jul-11	19	4	$34.79	Yes	$399.00	$364.21
66	9-Jul-11	19	5	$34.76	Yes	$399.00	$364.24
67	9-Jul-11	19	6	$35.16	Yes	$399.00	$363.84
68	9-Jul-11	19	7	$34.75	Yes	$399.00	$364.25
69	9-Jul-11	19	8	$34.35	Yes	$399.00	$364.65
70	9-Jul-11	19	9	$34.73	Yes	$399.00	$364.27
71	9-Jul-11	19	10	$34.41	Yes	$399.00	$364.59
72	9-Jul-11	19	11	$33.63	Yes	$399.00	$365.37
73	9-Jul-11	19	12	$29.62	Yes	$399.00	$369.38
74	9-Jul-11	20	1	$30.75	Yes	$399.00	$368.25
75	9-Jul-11	20	2	$27.42	Yes	$399.00	$371.58
76	9-Jul-11	20	3	$26.26	Yes	$399.00	$372.74
77	9-Jul-11	20	4	$17.33	Yes	$399.00	$381.67
78	9-Jul-11	20	5	$28.29	Yes	$399.00	$370.71
79	9-Jul-11	20	6	$28.46	Yes	$399.00	$370.54
80	9-Jul-11	20	7	$28.48	Yes	$399.00	$370.52
81	9-Jul-11	20	8	$28.48	Yes	$399.00	$370.52
82	9-Jul-11	20	9	$28.35	Yes	$399.00	$370.65
83	9-Jul-11	20	10	$28.33	Yes	$399.00	$370.67
84	9-Jul-11	20	11	$28.24	Yes	$399.00	$370.76
85	9-Jul-11	20	12	$27.25	Yes	$399.00	$371.75
86	9-Jul-11	21	1	$29.40	Yes	$399.00	$369.60
87	9-Jul-11	21	2	$30.59	Yes	$399.00	$368.41
88	9-Jul-11	21	3	$24.11	Yes	$399.00	$374.89

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	9-Jul-11	21	4	$28.23	Yes	$399.00	$370.77
90	9-Jul-11	21	5	$28.43	Yes	$399.00	$370.57
91	9-Jul-11	21	6	$28.43	Yes	$399.00	$370.57
92	9-Jul-11	21	7	$29.37	Yes	$399.00	$369.63
93	9-Jul-11	21	8	$29.37	Yes	$399.00	$369.63
94	9-Jul-11	21	9	$30.81	Yes	$399.00	$368.19
95	9-Jul-11	21	10	$30.61	Yes	$399.00	$368.39
96	9-Jul-11	21	11	$27.47	Yes	$399.00	$371.53
97	9-Jul-11	21	12	$24.01	Yes	$399.00	$374.99
98	9-Jul-11	22	1	$31.86	Yes	$399.00	$367.14
99	9-Jul-11	22	2	$31.28	Yes	$399.00	$367.72
100	9-Jul-11	22	3	$28.42	Yes	$399.00	$370.58
101	9-Jul-11	22	4	$28.49	Yes	$399.00	$370.51
102	9-Jul-11	22	5	$30.08	Yes	$399.00	$368.92
103	9-Jul-11	22	6	$29.90	Yes	$399.00	$369.10
104	9-Jul-11	22	7	$29.78	Yes	$399.00	$369.22
105	9-Jul-11	22	8	$28.86	Yes	$399.00	$370.14
106	9-Jul-11	22	9	$26.79	Yes	$399.00	$372.21
107	9-Jul-11	22	10	$27.08	Yes	$399.00	$371.92
108	9-Jul-11	22	11	$16.97	Yes	$399.00	$382.03
109	9-Jul-11	22	12	-$1.04	Yes	$399.00	$400.04
110	9-Jul-11	23	1	$32.48	Yes	$399.00	$366.52
111	9-Jul-11	23	2	$50.54	Yes	$399.00	$348.46
112	9-Jul-11	23	3	$34.36	Yes	$399.00	$364.64
113	9-Jul-11	23	4	$33.11	Yes	$399.00	$365.89
114	9-Jul-11	23	5	$33.55	Yes	$399.00	$365.45
115	9-Jul-11	23	6	$33.55	Yes	$399.00	$365.45
116	9-Jul-11	23	7	$33.80	Yes	$399.00	$365.20
117	9-Jul-11	23	8	$33.52	Yes	$399.00	$365.48
118	9-Jul-11	23	9	$33.52	Yes	$399.00	$365.48
119	9-Jul-11	23	10	$11.30	Yes	$399.00	$387.70
120	9-Jul-11	23	11	$16.66	Yes	$399.00	$382.34
121	9-Jul-11	23	12	-$0.01	Yes	$399.00	$399.01
122	9-Jul-11	24	1	-$0.03	Yes	$399.00	$399.03
123	9-Jul-11	24	2	$40.19	Yes	$399.00	$358.81
124	9-Jul-11	24	3	$40.19	Yes	$399.00	$358.81
125	9-Jul-11	24	4	$33.64	Yes	$399.00	$365.36
126	9-Jul-11	24	5	$69.67	Yes	$399.00	$329.33
127	9-Jul-11	24	6	$40.14	Yes	$399.00	$358.86
128	9-Jul-11	24	7	$40.17	Yes	$399.00	$358.83
129	9-Jul-11	24	8	$31.72	Yes	$399.00	$367.28
130	9-Jul-11	24	9	$30.43	Yes	$399.00	$368.57
131	9-Jul-11	24	10	-$10.69	Yes	$399.00	$409.69
132	9-Jul-11	24	11	-$4.66	Yes	$399.00	$403.66
133	9-Jul-11	24	12	-$4.66	Yes	$399.00	$403.66

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	10-Jul-11	1	1	-$10.67	Yes	$114.00	$124.67
135	10-Jul-11	1	2	$30.45	Yes	$114.00	$83.55
136	10-Jul-11	1	3	$25.37	Yes	$114.00	$88.63
137	10-Jul-11	1	4	$42.38	Yes	$114.00	$71.62
138	10-Jul-11	1	5	$0.01	Yes	$114.00	$113.99
139	10-Jul-11	1	6	$0.01	Yes	$114.00	$113.99
140	10-Jul-11	1	7	$0.01	Yes	$114.00	$113.99
141	10-Jul-11	1	8	-$0.01	Yes	$114.00	$114.01
142	10-Jul-11	1	9	$0.01	Yes	$114.00	$113.99
143	10-Jul-11	1	10	-$0.01	Yes	$114.00	$114.01
144	10-Jul-11	1	11	-$0.01	Yes	$114.00	$114.01
145	10-Jul-11	1	12	$0.01	Yes	$114.00	$113.99
146	10-Jul-11	2	1	$32.49	Yes	$114.00	$81.51
147	10-Jul-11	2	2	$34.48	Yes	$114.00	$79.52
148	10-Jul-11	2	3	$32.49	Yes	$114.00	$81.51
149	10-Jul-11	2	4	$30.52	Yes	$114.00	$83.48
150	10-Jul-11	2	5	$18.58	Yes	$114.00	$95.42
151	10-Jul-11	2	6	$0.01	Yes	$114.00	$113.99
152	10-Jul-11	2	7	$0.01	Yes	$114.00	$113.99
153	10-Jul-11	2	8	$0.01	Yes	$114.00	$113.99
154	10-Jul-11	2	9	$18.64	Yes	$114.00	$95.36
155	10-Jul-11	2	10	$0.01	Yes	$114.00	$113.99
156	10-Jul-11	2	11	$0.01	Yes	$114.00	$113.99
157	10-Jul-11	2	12	$47.74	Yes	$114.00	$66.26
158	11-Jul-11	24	11	-$0.01	Yes	$56.71	$56.72
159	11-Jul-11	24	12	-$10.59	Yes	$56.71	$67.30
160	12-Jul-11	1	1	-$28.39	Yes	$114.00	$142.39
161	12-Jul-11	1	2	-$0.01	Yes	$114.00	$114.01
162	12-Jul-11	1	3	$28.36	Yes	$114.00	$85.64
163	12-Jul-11	1	4	$0.01	Yes	$114.00	$113.99
164	24-Jul-11	15	3	$41.84	Yes	$88.00	$46.16
165	24-Jul-11	15	4	$42.27	Yes	$88.00	$45.73
166	24-Jul-11	15	5	$45.53	Yes	$88.00	$42.47
167	24-Jul-11	15	6	$45.53	Yes	$88.00	$42.47
168	24-Jul-11	15	7	$42.23	Yes	$88.00	$45.77
169	24-Jul-11	15	7	$42.23	Yes	$88.00	$45.77
170	24-Jul-11	15	8	$45.46	Yes	$88.00	$42.54
171	24-Jul-11	15	8	$45.46	Yes	$88.00	$42.54
172	24-Jul-11	15	9	$45.46	Yes	$88.00	$42.54
173	24-Jul-11	15	9	$45.46	Yes	$88.00	$42.54
174	24-Jul-11	15	10	$33.08	Yes	$88.00	$54.92
175	24-Jul-11	15	10	$33.08	Yes	$88.00	$54.92
176	24-Jul-11	15	11	$44.01	Yes	$88.00	$43.99
177	24-Jul-11	15	11	$44.01	Yes	$88.00	$43.99
178	24-Jul-11	15	12	$42.60	Yes	$88.00	$45.40

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	24-Jul-11	16	1	$35.23	Yes	$88.00	$52.77
180	24-Jul-11	16	2	$40.87	Yes	$88.00	$47.13
181	24-Jul-11	16	3	$42.44	Yes	$88.00	$45.56
182	24-Jul-11	16	4	$948.56	Yes	$88.00	-$860.56
183	24-Jul-11	16	5	$962.60	Yes	$88.00	-$874.60
184	24-Jul-11	16	6	$962.60	Yes	$88.00	-$874.60
185	24-Jul-11	16	7	$962.50	Yes	$88.00	-$874.50
186	24-Jul-11	16	8	$962.50	Yes	$88.00	-$874.50
187	24-Jul-11	16	9	$962.50	Yes	$88.00	-$874.50
188	24-Jul-11	16	10	$940.40	Yes	$88.00	-$852.40
189	24-Jul-11	16	11	$940.40	Yes	$88.00	-$852.40
190	24-Jul-11	16	12	$206.27	Yes	$88.00	-$118.27
191	24-Jul-11	17	1	$33.93	Yes	$88.00	$54.07
192	24-Jul-11	17	2	$30.49	Yes	$88.00	$57.51
193	24-Jul-11	17	3	$29.80	Yes	$88.00	$58.20
194	24-Jul-11	17	4	$30.45	Yes	$88.00	$57.55
195	24-Jul-11	17	5	$33.81	Yes	$88.00	$54.19
196	24-Jul-11	17	6	$308.34	Yes	$88.00	-$220.34
197	24-Jul-11	17	7	$931.80	Yes	$88.00	-$843.80
198	24-Jul-11	17	8	$950.90	Yes	$88.00	-$862.90
199	24-Jul-11	17	9	$950.90	Yes	$88.00	-$862.90
200	24-Jul-11	17	10	$49.94	Yes	$88.00	$38.06
201	24-Jul-11	17	11	$49.94	Yes	$88.00	$38.06
202	24-Jul-11	17	12	$51.08	Yes	$88.00	$36.92
203	24-Jul-11	18	1	$41.96	Yes	$88.00	$46.04
204	24-Jul-11	18	2	$42.77	Yes	$88.00	$45.23
205	24-Jul-11	18	3	$41.96	Yes	$88.00	$46.04
206	24-Jul-11	18	4	$41.80	Yes	$88.00	$46.20
207	24-Jul-11	18	5	$46.20	Yes	$88.00	$41.80
208	24-Jul-11	18	6	$51.52	Yes	$88.00	$36.48
209	24-Jul-11	18	7	$33.76	Yes	$88.00	$54.24
210	24-Jul-11	18	8	$37.49	Yes	$88.00	$50.51
211	24-Jul-11	18	9	$40.43	Yes	$88.00	$47.57
212	24-Jul-11	18	10	$42.36	Yes	$88.00	$45.64
213	24-Jul-11	18	11	$42.55	Yes	$88.00	$45.45
214	24-Jul-11	18	12	$46.55	Yes	$88.00	$41.45
215	24-Jul-11	19	1	$64.84	Yes	$399.00	$334.16
216	24-Jul-11	19	2	$95.66	Yes	$399.00	$303.34
217	24-Jul-11	19	3	$125.71	Yes	$399.00	$273.29
218	24-Jul-11	19	4	$62.26	Yes	$399.00	$336.74
219	24-Jul-11	19	5	$46.58	Yes	$399.00	$352.42
220	24-Jul-11	19	6	$46.58	Yes	$399.00	$352.42
221	24-Jul-11	19	7	$44.22	Yes	$399.00	$354.78
222	24-Jul-11	19	8	$43.89	Yes	$399.00	$355.11
223	24-Jul-11	19	9	$44.22	Yes	$399.00	$354.78

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	24-Jul-11	19	10	$44.01	Yes	$399.00	$354.99
225	24-Jul-11	19	11	$41.74	Yes	$399.00	$357.26
226	24-Jul-11	19	12	$41.74	Yes	$399.00	$357.26
227	24-Jul-11	20	1	$33.31	Yes	$399.00	$365.69
228	24-Jul-11	20	2	$35.40	Yes	$399.00	$363.60
229	24-Jul-11	20	3	$38.64	Yes	$399.00	$360.36
230	24-Jul-11	20	4	$62.20	Yes	$399.00	$336.80
231	24-Jul-11	20	5	$45.91	Yes	$399.00	$353.09
232	24-Jul-11	20	6	$43.86	Yes	$399.00	$355.14
233	24-Jul-11	20	7	$43.97	Yes	$399.00	$355.03
234	24-Jul-11	20	8	$31.45	Yes	$399.00	$367.55
235	24-Jul-11	20	9	$31.45	Yes	$399.00	$367.55
236	24-Jul-11	20	10	$31.21	Yes	$399.00	$367.79
237	24-Jul-11	20	11	$34.45	Yes	$399.00	$364.55
238	24-Jul-11	20	12	$36.64	Yes	$399.00	$362.36
239	24-Jul-11	21	1	$55.51	Yes	$399.00	$343.49
240	24-Jul-11	21	2	$44.06	Yes	$399.00	$354.94
241	24-Jul-11	21	3	$45.13	Yes	$399.00	$353.87
242	24-Jul-11	21	4	$52.33	Yes	$399.00	$346.67
243	24-Jul-11	21	5	$67.23	Yes	$399.00	$331.77
244	24-Jul-11	21	6	$67.23	Yes	$399.00	$331.77
245	24-Jul-11	21	7	$54.44	Yes	$399.00	$344.56
246	24-Jul-11	21	8	$60.84	Yes	$399.00	$338.16
247	24-Jul-11	21	9	$68.72	Yes	$399.00	$330.28
248	24-Jul-11	21	10	$39.35	Yes	$399.00	$359.65
249	24-Jul-11	21	11	$31.91	Yes	$399.00	$367.09
250	24-Jul-11	21	12	$25.16	Yes	$399.00	$373.84
251	24-Jul-11	22	1	$41.04	Yes	$399.00	$357.96
252	24-Jul-11	22	2	$35.33	Yes	$399.00	$363.67
253	24-Jul-11	22	3	$34.37	Yes	$399.00	$364.63
254	24-Jul-11	22	4	$35.91	Yes	$399.00	$363.09
255	24-Jul-11	22	5	$42.97	Yes	$399.00	$356.03
256	24-Jul-11	22	6	$43.20	Yes	$399.00	$355.80
257	24-Jul-11	22	7	$43.07	Yes	$399.00	$355.93
258	24-Jul-11	22	8	$40.47	Yes	$399.00	$358.53
259	24-Jul-11	22	9	$34.74	Yes	$399.00	$364.26
260	26-Jul-11	13	11	$31.70	Yes	$88.00	$56.30
261	26-Jul-11	13	12	$33.14	Yes	$88.00	$54.86
262	26-Jul-11	14	1	$29.34	Yes	$88.00	$58.66
263	26-Jul-11	14	2	$29.52	Yes	$88.00	$58.48
264	26-Jul-11	14	3	$30.63	Yes	$88.00	$57.37
265	26-Jul-11	14	4	$30.40	Yes	$88.00	$57.60
266	26-Jul-11	14	5	$33.45	Yes	$88.00	$54.55
267	26-Jul-11	14	6	$33.31	Yes	$88.00	$54.69
268	26-Jul-11	14	7	$33.78	Yes	$88.00	$54.22

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	26-Jul-11	14	8	$34.02	Yes	$88.00	$53.98
270	26-Jul-11	14	9	$34.06	Yes	$88.00	$53.94
271	26-Jul-11	14	10	$34.80	Yes	$88.00	$53.20
272	26-Jul-11	14	11	$34.80	Yes	$88.00	$53.20
273	26-Jul-11	14	12	$36.78	Yes	$88.00	$51.22
274	26-Jul-11	15	1	$30.87	Yes	$88.00	$57.13
275	26-Jul-11	15	2	$31.31	Yes	$88.00	$56.69
276	26-Jul-11	15	3	$33.69	Yes	$88.00	$54.31
277	26-Jul-11	15	4	$33.76	Yes	$88.00	$54.24
278	26-Jul-11	15	5	$33.78	Yes	$88.00	$54.22
279	26-Jul-11	15	6	$34.31	Yes	$88.00	$53.69
280	26-Jul-11	15	7	$39.58	Yes	$88.00	$48.42
281	26-Jul-11	15	8	$41.28	Yes	$88.00	$46.72
282	26-Jul-11	15	9	$42.23	Yes	$88.00	$45.77
283	26-Jul-11	15	10	$60.95	Yes	$88.00	$27.05
284	26-Jul-11	15	11	$50.24	Yes	$88.00	$37.76
285	26-Jul-11	15	12	$52.55	Yes	$88.00	$35.45
286	26-Jul-11	16	1	$46.35	Yes	$88.00	$41.65
287	26-Jul-11	16	2	$49.36	Yes	$88.00	$38.64
288	26-Jul-11	16	3	$48.45	Yes	$88.00	$39.55
289	26-Jul-11	16	4	$47.79	Yes	$88.00	$40.21
290	26-Jul-11	16	5	$61.08	Yes	$88.00	$26.92
291	26-Jul-11	16	6	$53.37	Yes	$88.00	$34.63
292	26-Jul-11	16	7	$60.81	Yes	$88.00	$27.19
293	26-Jul-11	16	8	$60.81	Yes	$88.00	$27.19
294	26-Jul-11	16	9	$41.28	Yes	$88.00	$46.72
295	26-Jul-11	16	10	$42.69	Yes	$88.00	$45.31
296	26-Jul-11	16	11	$41.41	Yes	$88.00	$46.59
297	26-Jul-11	16	12	$43.61	Yes	$88.00	$44.39
298	26-Jul-11	17	1	$45.08	Yes	$88.00	$42.92
299	26-Jul-11	17	2	$42.47	Yes	$88.00	$45.53
300	26-Jul-11	17	3	$48.10	Yes	$88.00	$39.90
301	26-Jul-11	17	4	$41.74	Yes	$88.00	$46.26
302	26-Jul-11	17	5	$42.42	Yes	$88.00	$45.58
303	26-Jul-11	17	6	$42.52	Yes	$88.00	$45.48
304	26-Jul-11	17	7	$54.67	Yes	$88.00	$33.33
305	26-Jul-11	17	8	$45.11	Yes	$88.00	$42.89
306	26-Jul-11	17	9	$48.15	Yes	$88.00	$39.85
307	26-Jul-11	17	10	$40.66	Yes	$88.00	$47.34
308	26-Jul-11	17	11	$42.58	Yes	$88.00	$45.42
309	26-Jul-11	17	12	$41.33	Yes	$88.00	$46.67
310	26-Jul-11	18	1	$42.76	Yes	$88.00	$45.24
311	26-Jul-11	18	2	$52.21	Yes	$88.00	$35.79
312	26-Jul-11	18	3	$55.89	Yes	$88.00	$32.11
313	26-Jul-11	18	4	$46.28	Yes	$88.00	$41.72

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
314	26-Jul-11	18	5	$44.56	Yes	$88.00	$43.44
315	26-Jul-11	18	6	$44.56	Yes	$88.00	$43.44
316	26-Jul-11	18	7	$41.63	Yes	$88.00	$46.37
317	26-Jul-11	18	8	$42.38	Yes	$88.00	$45.62
318	26-Jul-11	18	9	$42.38	Yes	$88.00	$45.62
319	26-Jul-11	18	10	$42.31	Yes	$88.00	$45.69
320	26-Jul-11	18	11	$34.81	Yes	$88.00	$53.19
321	26-Jul-11	18	12	$35.88	Yes	$88.00	$52.12
322	26-Jul-11	19	1	$44.95	Yes	$88.00	$43.05
323	26-Jul-11	19	2	$43.86	Yes	$88.00	$44.14
324	26-Jul-11	19	3	$45.44	Yes	$88.00	$42.56
325	26-Jul-11	19	4	$43.24	Yes	$88.00	$44.76
326	26-Jul-11	19	5	$41.08	Yes	$88.00	$46.92
327	26-Jul-11	19	6	$42.60	Yes	$88.00	$45.40
328	26-Jul-11	19	7	$36.06	Yes	$88.00	$51.94
329	26-Jul-11	19	8	$35.95	Yes	$88.00	$52.05
330	26-Jul-11	19	9	$35.65	Yes	$88.00	$52.35
331	26-Jul-11	19	10	$35.42	Yes	$88.00	$52.58
332	26-Jul-11	19	11	$34.70	Yes	$88.00	$53.30
333	26-Jul-11	19	12	$33.31	Yes	$88.00	$54.69
334	26-Jul-11	20	1	$36.07	Yes	$88.00	$51.93
335	26-Jul-11	20	2	$35.82	Yes	$88.00	$52.18
336	26-Jul-11	20	3	$36.72	Yes	$88.00	$51.28
337	26-Jul-11	20	4	$35.66	Yes	$88.00	$52.34
338	26-Jul-11	20	5	$35.06	Yes	$88.00	$52.94
339	26-Jul-11	20	6	$31.87	Yes	$88.00	$56.13
340	26-Jul-11	20	7	$31.77	Yes	$88.00	$56.23
341	26-Jul-11	20	8	$31.92	Yes	$88.00	$56.08
342	26-Jul-11	20	9	$30.28	Yes	$88.00	$57.72
343	26-Jul-11	20	10	$29.06	Yes	$88.00	$58.94
344	26-Jul-11	20	11	$29.06	Yes	$88.00	$58.94
345	26-Jul-11	20	12	$29.94	Yes	$88.00	$58.06
346	26-Jul-11	21	1	$32.47	Yes	$88.00	$55.53
347	26-Jul-11	21	2	$34.66	Yes	$88.00	$53.34
348	26-Jul-11	21	3	$34.75	Yes	$88.00	$53.25
349	26-Jul-11	21	4	$37.20	Yes	$88.00	$50.80
350	26-Jul-11	21	5	$36.86	Yes	$88.00	$51.14
351	26-Jul-11	21	6	$37.30	Yes	$88.00	$50.70
352	26-Jul-11	21	7	$37.32	Yes	$88.00	$50.68
353	26-Jul-11	21	8	$37.77	Yes	$88.00	$50.23
354	26-Jul-11	21	9	$36.93	Yes	$88.00	$51.07
355	26-Jul-11	21	10	$37.11	Yes	$88.00	$50.89
356	26-Jul-11	21	11	$36.78	Yes	$88.00	$51.22
357	26-Jul-11	21	12	$35.05	Yes	$88.00	$52.95
358	26-Jul-11	22	1	$40.80	Yes	$114.00	$73.20

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	26-Jul-11	22	2	$38.27	Yes	$114.00	$75.73
360	26-Jul-11	22	3	$35.88	Yes	$114.00	$78.12
361	26-Jul-11	22	4	$32.20	Yes	$114.00	$81.80
362	26-Jul-11	22	5	$32.53	Yes	$114.00	$81.47
363	26-Jul-11	22	6	$32.17	Yes	$114.00	$81.83
364	26-Jul-11	22	7	$32.37	Yes	$114.00	$81.63
365	26-Jul-11	22	8	$30.06	Yes	$114.00	$83.94
366	26-Jul-11	22	9	$28.44	Yes	$114.00	$85.56
367	26-Jul-11	22	10	$18.06	Yes	$114.00	$95.94
368	26-Jul-11	22	11	$18.06	Yes	$114.00	$95.94
369	26-Jul-11	22	12	$4.02	Yes	$114.00	$109.98
370	26-Jul-11	23	1	$47.52	Yes	$114.00	$66.48
371	26-Jul-11	23	2	$43.99	Yes	$114.00	$70.01
372	26-Jul-11	23	3	$38.82	Yes	$114.00	$75.18
373	26-Jul-11	23	4	$33.78	Yes	$114.00	$80.22
374	26-Jul-11	23	5	$33.78	Yes	$114.00	$80.22
375	26-Jul-11	23	6	$33.60	Yes	$114.00	$80.40
376	26-Jul-11	23	7	$33.60	Yes	$114.00	$80.40
377	26-Jul-11	23	8	$14.98	Yes	$114.00	$99.02
378	26-Jul-11	23	9	$18.23	Yes	$114.00	$95.77
379	26-Jul-11	23	10	$32.09	Yes	$114.00	$81.91
380	26-Jul-11	23	11	$18.12	Yes	$114.00	$95.88
381	26-Jul-11	23	12	$41.43	Yes	$114.00	$72.57
382	28-Jul-11	20	7	$38.18	Yes	$88.00	$49.82
383	28-Jul-11	20	8	$37.60	Yes	$88.00	$50.40
384	28-Jul-11	20	9	$35.38	Yes	$88.00	$52.62
385	28-Jul-11	20	10	$33.63	Yes	$88.00	$54.37
386	28-Jul-11	20	11	$30.58	Yes	$88.00	$57.42
387	28-Jul-11	20	12	$30.58	Yes	$88.00	$57.42
388	28-Jul-11	21	1	$29.48	Yes	$88.00	$58.52
389	28-Jul-11	21	2	$30.63	Yes	$88.00	$57.37
390	28-Jul-11	21	3	$30.63	Yes	$88.00	$57.37
391	28-Jul-11	21	4	$34.41	Yes	$88.00	$53.59
392	28-Jul-11	21	5	$36.05	Yes	$88.00	$51.95
393	28-Jul-11	21	6	$36.05	Yes	$88.00	$51.95
394	28-Jul-11	21	7	$35.90	Yes	$300.00	$264.10
395	28-Jul-11	21	8	$36.47	Yes	$300.00	$263.53
396	28-Jul-11	21	9	$36.47	Yes	$300.00	$263.53
397	28-Jul-11	21	10	$35.76	Yes	$300.00	$264.24
398	28-Jul-11	21	11	$34.05	Yes	$300.00	$265.95
399	28-Jul-11	21	12	$34.05	Yes	$300.00	$265.95
400	28-Jul-11	22	1	$45.55	Yes	$300.00	$254.45
401	28-Jul-11	22	2	$38.97	Yes	$300.00	$261.03
402	28-Jul-11	22	3	$37.38	Yes	$300.00	$262.62
403	28-Jul-11	22	4	$36.64	Yes	$300.00	$263.36

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	28-Jul-11	22	5	$37.18	Yes	$300.00	$262.82
405	28-Jul-11	22	6	$36.66	Yes	$300.00	$263.34
406	28-Jul-11	22	7	$36.53	Yes	$300.00	$263.47
407	28-Jul-11	22	8	$35.94	Yes	$300.00	$264.06
408	28-Jul-11	22	9	$33.70	Yes	$300.00	$266.30
409	28-Jul-11	22	10	$30.94	Yes	$300.00	$269.06
410	28-Jul-11	22	11	$30.94	Yes	$300.00	$269.06
411	28-Jul-11	22	12	$24.19	Yes	$300.00	$275.81
412	28-Jul-11	23	1	$36.00	Yes	$300.00	$264.00
413	28-Jul-11	23	2	$36.00	Yes	$300.00	$264.00
414	28-Jul-11	23	3	$36.15	Yes	$300.00	$263.85
415	28-Jul-11	23	4	$36.31	Yes	$300.00	$263.69
416	28-Jul-11	23	5	$34.39	Yes	$300.00	$265.61
417	28-Jul-11	23	6	$13.55	Yes	$300.00	$286.45
418	28-Jul-11	23	7	$9.92	Yes	$300.00	$290.08
419	28-Jul-11	23	8	$2.06	Yes	$300.00	$297.94
420	28-Jul-11	23	9	$0.01	Yes	$300.00	$299.99
421	28-Jul-11	23	10	$0.10	Yes	$300.00	$299.90
422	28-Jul-11	23	11	$2.05	Yes	$300.00	$297.95
423	28-Jul-11	23	12	$0.01	Yes	$300.00	$299.99
424	29-Jul-11	19	7	$29.98	No	$54.00	$24.02
425	29-Jul-11	19	8	$29.12	No	$54.00	$24.88
426	29-Jul-11	19	9	$29.12	No	$54.00	$24.88
427	29-Jul-11	19	10	$28.86	No	$54.00	$25.14
428	29-Jul-11	19	11	$26.20	No	$54.00	$27.80
429	29-Jul-11	19	12	$23.51	No	$54.00	$30.49
430	29-Jul-11	20	1	$31.93	No	$88.00	$56.07
431	29-Jul-11	20	2	$30.27	No	$88.00	$57.73
432	29-Jul-11	20	3	$30.00	No	$88.00	$58.00
433	29-Jul-11	20	4	$22.23	No	$88.00	$65.77
434	29-Jul-11	20	5	$28.58	No	$88.00	$59.42
435	29-Jul-11	20	6	$29.64	No	$88.00	$58.36
436	29-Jul-11	20	6	$29.64	No	$88.00	$58.36
437	29-Jul-11	20	7	$29.69	No	$88.00	$58.31
438	29-Jul-11	20	7	$29.69	No	$88.00	$58.31
439	29-Jul-11	20	8	$26.24	No	$88.00	$61.76
440	29-Jul-11	20	8	$26.24	No	$88.00	$61.76
441	29-Jul-11	20	9	$29.04	No	$88.00	$58.96
442	29-Jul-11	20	9	$29.04	No	$88.00	$58.96
443	29-Jul-11	20	10	$25.45	No	$88.00	$62.55
444	29-Jul-11	20	11	$26.47	No	$88.00	$61.53
445	29-Jul-11	20	12	$28.89	No	$88.00	$59.11
446	29-Jul-11	21	1	$22.32	No	$88.00	$65.68
447	29-Jul-11	21	2	$25.43	No	$88.00	$62.57
448	29-Jul-11	21	3	$26.36	No	$88.00	$61.64

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
449	29-Jul-11	21	4	$31.00	No	$88.00	$57.00
450	29-Jul-11	21	5	$30.07	No	$88.00	$57.93
451	29-Jul-11	21	6	$31.00	No	$88.00	$57.00
452	29-Jul-11	21	7	$30.34	No	$88.00	$57.66
453	29-Jul-11	21	8	$29.69	Yes	$88.00	$58.31
454	29-Jul-11	21	8	$29.69	No	$88.00	$58.31
455	29-Jul-11	21	9	$29.69	Yes	$88.00	$58.31
456	29-Jul-11	21	9	$29.69	No	$88.00	$58.31
457	29-Jul-11	21	10	$29.32	Yes	$88.00	$58.68
458	29-Jul-11	21	10	$29.32	Yes	$88.00	$58.68
459	29-Jul-11	21	11	$26.54	Yes	$88.00	$61.46
460	29-Jul-11	21	11	$26.54	Yes	$88.00	$61.46
461	29-Jul-11	21	12	$26.09	Yes	$88.00	$61.91
462	29-Jul-11	21	12	$26.09	Yes	$88.00	$61.91
463	29-Jul-11	22	1	$29.73	No	$114.00	$84.27
464	29-Jul-11	22	1	$29.73	Yes	$114.00	$84.27
465	29-Jul-11	22	2	$29.73	No	$114.00	$84.27
466	29-Jul-11	22	2	$29.73	Yes	$114.00	$84.27
467	29-Jul-11	22	3	$29.73	No	$114.00	$84.27
468	29-Jul-11	22	3	$29.73	Yes	$114.00	$84.27
469	29-Jul-11	22	4	$30.01	No	$114.00	$83.99
470	29-Jul-11	22	4	$30.01	Yes	$114.00	$83.99
471	29-Jul-11	22	5	$30.01	No	$114.00	$83.99
472	29-Jul-11	22	5	$30.01	Yes	$114.00	$83.99
473	29-Jul-11	22	6	$28.31	Yes	$114.00	$85.69
474	29-Jul-11	22	7	$28.92	Yes	$114.00	$85.08
475	29-Jul-11	22	8	$28.92	Yes	$114.00	$85.08
476	29-Jul-11	22	9	$22.38	Yes	$114.00	$91.62
477	29-Jul-11	22	10	$0.95	Yes	$114.00	$113.05
478	29-Jul-11	22	11	$5.16	Yes	$114.00	$108.84
479	29-Jul-11	22	12	$0.01	Yes	$114.00	$113.99
480	29-Jul-11	23	1	$28.63	Yes	$114.00	$85.37
481	29-Jul-11	23	2	$30.10	Yes	$114.00	$83.90
482	29-Jul-11	23	3	$32.15	Yes	$114.00	$81.85
483	29-Jul-11	23	4	$29.76	Yes	$114.00	$84.24
484	29-Jul-11	23	5	$30.82	Yes	$114.00	$83.18
485	29-Jul-11	23	6	$30.82	Yes	$114.00	$83.18
486	29-Jul-11	23	7	$27.89	Yes	$114.00	$86.11
487	29-Jul-11	23	8	$0.01	Yes	$114.00	$113.99
488	29-Jul-11	23	9	$0.01	Yes	$114.00	$113.99
489	29-Jul-11	23	10	$0.01	Yes	$114.00	$113.99
490	29-Jul-11	23	11	$0.01	Yes	$114.00	$113.99
491	29-Jul-11	23	12	-$21.74	Yes	$114.00	$135.74
492	29-Jul-11	24	1	$0.01	Yes	$114.00	$113.99
493	29-Jul-11	24	2	$0.01	Yes	$114.00	$113.99

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
494	29-Jul-11	24	3	-$29.12	Yes	$114.00	$143.12
495	29-Jul-11	24	4	-$6.35	Yes	$114.00	$120.35
496	29-Jul-11	24	5	$0.00	Yes	$114.00	$114.00
497	29-Jul-11	24	6	$0.01	Yes	$114.00	$113.99
498	29-Jul-11	24	7	-$10.77	Yes	$114.00	$124.77
499	29-Jul-11	24	8	-$1.04	Yes	$114.00	$115.04
500	29-Jul-11	24	9	$31.28	Yes	$114.00	$82.72
501	29-Jul-11	24	11	$31.42	No	$114.00	$82.58
502	29-Jul-11	24	12	$26.73	No	$114.00	$87.27
503	30-Jul-11	1	1	$33.62	No	$114.00	$80.38
504	30-Jul-11	1	2	$39.51	No	$114.00	$74.49
505	30-Jul-11	1	3	$44.70	No	$114.00	$69.30
506	30-Jul-11	1	4	$33.16	No	$114.00	$80.84
507	30-Jul-11	1	5	$35.29	No	$114.00	$78.71
508	30-Jul-11	1	6	$33.87	No	$114.00	$80.13
509	30-Jul-11	1	7	$33.06	No	$114.00	$80.94
510	30-Jul-11	1	8	$31.47	No	$114.00	$82.53
511	30-Jul-11	1	9	$5.36	No	$114.00	$108.64
512	30-Jul-11	1	10	$34.11	No	$114.00	$79.89
513	30-Jul-11	1	11	$33.55	No	$114.00	$80.45
514	30-Jul-11	1	12	$36.06	No	$114.00	$77.94
515	30-Jul-11	2	1	$0.01	No	$114.00	$113.99
516	30-Jul-11	2	2	$28.28	No	$114.00	$85.72
517	30-Jul-11	2	3	$22.39	No	$114.00	$91.61
518	30-Jul-11	2	4	$47.66	No	$114.00	$66.34
519	30-Jul-11	2	5	$44.97	No	$114.00	$69.03
520	30-Jul-11	2	6	$44.97	No	$114.00	$69.03
521	30-Jul-11	2	7	$31.23	No	$114.00	$82.77
522	30-Jul-11	2	8	$31.23	No	$114.00	$82.77
523	30-Jul-11	2	9	$31.23	No	$114.00	$82.77
524	30-Jul-11	2	10	$34.64	No	$114.00	$79.36
525	30-Jul-11	19	9	$21.15	Yes	$88.00	$66.85
526	30-Jul-11	19	10	$23.33	Yes	$88.00	$64.67
527	30-Jul-11	19	11	$18.83	Yes	$88.00	$69.17
528	30-Jul-11	19	12	$20.93	Yes	$88.00	$67.07
529	30-Jul-11	20	1	$24.07	Yes	$88.00	$63.93
530	30-Jul-11	20	2	$24.07	Yes	$88.00	$63.93
531	30-Jul-11	20	3	$32.77	Yes	$88.00	$55.23
532	30-Jul-11	20	4	$26.59	Yes	$88.00	$61.41
533	30-Jul-11	20	5	$24.81	Yes	$88.00	$63.19
534	30-Jul-11	20	6	$24.81	Yes	$88.00	$63.19
535	30-Jul-11	20	7	$24.46	Yes	$88.00	$63.54
536	30-Jul-11	20	8	$21.42	Yes	$88.00	$66.58
537	30-Jul-11	20	9	$5.17	Yes	$88.00	$82.83
538	30-Jul-11	20	10	$12.82	Yes	$88.00	$75.18

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
539	30-Jul-11	20	11	$14.17	Yes	$88.00	$73.83
540	30-Jul-11	20	12	$14.17	Yes	$88.00	$73.83
541	30-Jul-11	21	1	$34.34	Yes	$88.00	$53.66
542	30-Jul-11	21	2	$28.54	Yes	$88.00	$59.46
543	30-Jul-11	21	3	$27.63	Yes	$88.00	$60.37
544	30-Jul-11	21	4	$27.80	Yes	$88.00	$60.20
545	30-Jul-11	21	5	$27.80	Yes	$88.00	$60.20
546	30-Jul-11	21	6	$27.80	Yes	$88.00	$60.20
547	30-Jul-11	21	7	$27.40	Yes	$88.00	$60.60
548	30-Jul-11	21	8	$34.54	Yes	$88.00	$53.46
549	30-Jul-11	21	9	$31.39	Yes	$88.00	$56.61
550	30-Jul-11	21	10	$34.24	Yes	$88.00	$53.76
551	30-Jul-11	21	11	$31.23	Yes	$88.00	$56.77
552	30-Jul-11	21	12	$34.24	Yes	$88.00	$53.76
553	30-Jul-11	22	1	$34.24	Yes	$114.00	$79.76
554	30-Jul-11	22	2	$34.24	Yes	$114.00	$79.76
555	30-Jul-11	22	3	-$1.04	Yes	$114.00	$115.04
556	30-Jul-11	22	4	$0.01	Yes	$114.00	$113.99
557	30-Jul-11	22	5	$5.09	Yes	$114.00	$108.91
558	30-Jul-11	22	6	$14.17	Yes	$114.00	$99.83
559	30-Jul-11	22	7	$27.27	Yes	$114.00	$86.73
560	30-Jul-11	22	8	$16.13	Yes	$114.00	$97.87
561	30-Jul-11	22	9	$0.10	Yes	$114.00	$113.90
562	30-Jul-11	22	10	$0.01	Yes	$114.00	$113.99
563	30-Jul-11	22	11	$0.01	Yes	$114.00	$113.99
564	30-Jul-11	22	12	$0.01	Yes	$114.00	$113.99
565	30-Jul-11	23	1	$0.01	Yes	$114.00	$113.99
566	30-Jul-11	23	2	$24.23	Yes	$114.00	$89.77
567	30-Jul-11	23	3	$27.30	Yes	$114.00	$86.70
568	30-Jul-11	23	4	$17.52	Yes	$114.00	$96.48
569	30-Jul-11	23	5	$25.64	Yes	$114.00	$88.36
570	30-Jul-11	23	6	$0.01	Yes	$114.00	$113.99
571	30-Jul-11	23	7	$25.40	Yes	$114.00	$88.60
572	30-Jul-11	23	8	$26.37	Yes	$114.00	$87.63
573	30-Jul-11	23	9	$29.22	Yes	$114.00	$84.78
574	30-Jul-11	23	10	$29.30	Yes	$114.00	$84.70
575	30-Jul-11	23	11	$17.49	Yes	$114.00	$96.51
576	30-Jul-11	23	12	$0.01	Yes	$114.00	$113.99
577	30-Jul-11	24	1	$32.57	Yes	$114.00	$81.43
578	30-Jul-11	24	2	$34.58	Yes	$114.00	$79.42
579	30-Jul-11	24	3	$31.60	Yes	$114.00	$82.40
580	30-Jul-11	24	4	$17.46	Yes	$114.00	$96.54
581	30-Jul-11	24	5	$29.06	Yes	$114.00	$84.94
582	30-Jul-11	24	6	$5.07	Yes	$114.00	$108.93
583	30-Jul-11	24	7	$0.01	Yes	$114.00	$113.99

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
584	30-Jul-11	24	8	$0.01	Yes	$114.00	$113.99
585	30-Jul-11	24	9	$27.85	Yes	$114.00	$86.15
586	30-Jul-11	24	10	$0.01	Yes	$114.00	$113.99
587	30-Jul-11	24	11	$0.01	Yes	$114.00	$113.99
588	30-Jul-11	24	12	$0.01	Yes	$114.00	$113.99
589	31-Jul-11	18	1	$34.46	Yes	$88.00	$53.54
590	31-Jul-11	18	2	$34.49	Yes	$88.00	$53.51
591	31-Jul-11	18	3	$34.66	Yes	$88.00	$53.34
592	31-Jul-11	18	4	$34.78	Yes	$88.00	$53.22
593	31-Jul-11	18	5	$34.60	Yes	$88.00	$53.40
594	31-Jul-11	18	6	$33.81	Yes	$88.00	$54.19
595	31-Jul-11	18	7	$34.20	Yes	$88.00	$53.80
596	31-Jul-11	18	8	$32.37	Yes	$88.00	$55.63
597	31-Jul-11	18	9	$32.03	Yes	$88.00	$55.97
598	31-Jul-11	18	10	$32.01	Yes	$88.00	$55.99
599	31-Jul-11	18	11	$30.48	Yes	$88.00	$57.52
600	31-Jul-11	18	12	$28.19	Yes	$88.00	$59.81
601	31-Jul-11	19	1	$31.68	Yes	$88.00	$56.32
602	31-Jul-11	19	2	$32.33	Yes	$88.00	$55.67
603	31-Jul-11	19	3	$34.10	Yes	$88.00	$53.90
604	31-Jul-11	19	4	$35.10	Yes	$88.00	$52.90
605	31-Jul-11	19	5	$35.10	Yes	$88.00	$52.90
606	31-Jul-11	19	6	$34.22	Yes	$88.00	$53.78
607	31-Jul-11	19	7	$33.45	Yes	$88.00	$54.55
608	31-Jul-11	19	8	$32.21	Yes	$88.00	$55.79
609	31-Jul-11	19	9	$32.14	Yes	$88.00	$55.86
610	31-Jul-11	19	10	$29.23	Yes	$88.00	$58.77
611	31-Jul-11	19	11	$29.23	Yes	$88.00	$58.77
612	31-Jul-11	19	12	$27.48	Yes	$88.00	$60.52
613	31-Jul-11	20	1	$29.27	Yes	$88.00	$58.73
614	31-Jul-11	20	2	$29.27	Yes	$88.00	$58.73
615	31-Jul-11	20	3	$28.44	Yes	$88.00	$59.56
616	31-Jul-11	20	4	$22.75	Yes	$88.00	$65.25
617	31-Jul-11	20	5	$24.30	Yes	$88.00	$63.70
618	31-Jul-11	20	6	$24.30	Yes	$88.00	$63.70
619	31-Jul-11	20	7	$27.30	Yes	$88.00	$60.70
620	31-Jul-11	20	8	$27.30	Yes	$88.00	$60.70
621	31-Jul-11	20	9	$27.56	Yes	$88.00	$60.44
622	31-Jul-11	20	10	$24.93	Yes	$88.00	$63.07
623	31-Jul-11	20	11	$26.37	Yes	$88.00	$61.63
624	31-Jul-11	20	12	$24.19	Yes	$88.00	$63.81
625	31-Jul-11	21	1	$32.58	Yes	$88.00	$55.42
626	31-Jul-11	21	2	$32.18	Yes	$88.00	$55.82
627	31-Jul-11	21	3	$33.95	Yes	$88.00	$54.05
628	31-Jul-11	21	4	$34.38	Yes	$88.00	$53.62

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
629	31-Jul-11	21	5	$35.99	Yes	$88.00	$52.01
630	31-Jul-11	21	6	$36.03	Yes	$88.00	$51.97
631	31-Jul-11	21	7	$34.84	Yes	$88.00	$53.16
632	31-Jul-11	21	8	$34.79	Yes	$88.00	$53.21
633	31-Jul-11	21	9	$34.88	Yes	$88.00	$53.12
634	31-Jul-11	21	10	$34.84	Yes	$88.00	$53.16
635	31-Jul-11	21	11	$34.82	Yes	$88.00	$53.18
636	31-Jul-11	21	12	$35.04	Yes	$88.00	$52.96
637	31-Jul-11	22	1	$32.81	Yes	$114.00	$81.19
638	31-Jul-11	22	2	$27.66	Yes	$114.00	$86.34
639	31-Jul-11	22	3	$18.67	Yes	$114.00	$95.33
640	31-Jul-11	22	4	$28.51	Yes	$114.00	$85.49
641	31-Jul-11	22	5	$29.33	Yes	$114.00	$84.67
642	31-Jul-11	22	6	$29.33	Yes	$114.00	$84.67
643	31-Jul-11	22	7	$29.07	Yes	$114.00	$84.93
644	31-Jul-11	22	8	$24.07	Yes	$114.00	$89.93
645	31-Jul-11	22	9	$22.72	Yes	$114.00	$91.28
646	31-Jul-11	22	10	$17.55	Yes	$114.00	$96.45
647	31-Jul-11	22	11	$1.01	Yes	$114.00	$112.99
648	31-Jul-11	22	12	$0.01	Yes	$114.00	$113.99
649	31-Jul-11	23	1	$31.83	Yes	$114.00	$82.17

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	1-Jul-11	1	1	-$30.68	Yes	$45.27	$75.95
2	1-Jul-11	1	2	-$0.04	Yes	$45.27	$45.31
3	1-Jul-11	1	3	-$0.01	Yes	$45.27	$45.28
4	1-Jul-11	1	4	$30.28	Yes	$45.27	$14.99
5	1-Jul-11	1	5	$37.02	Yes	$45.27	$8.25
6	1-Jul-11	1	6	$39.88	Yes	$45.27	$5.39
7	1-Jul-11	1	7	$0.00	Yes	$45.27	$45.27
8	1-Jul-11	1	8	$0.00	Yes	$45.27	$45.27
9	1-Jul-11	1	9	-$0.01	Yes	$45.27	$45.28
10	1-Jul-11	1	10	-$0.01	Yes	$45.27	$45.28
11	1-Jul-11	1	11	-$0.01	Yes	$45.27	$45.28
12	1-Jul-11	1	12	-$0.01	Yes	$45.27	$45.28
13	1-Jul-11	2	1	$21.09	Yes	$45.27	$24.18
14	1-Jul-11	2	2	$30.28	Yes	$45.27	$14.99
15	1-Jul-11	2	3	$10.28	Yes	$45.27	$34.99
16	1-Jul-11	2	4	$0.01	Yes	$45.27	$45.26
17	1-Jul-11	2	5	$10.28	Yes	$45.27	$34.99
18	1-Jul-11	2	6	$10.28	Yes	$45.27	$34.99
19	1-Jul-11	2	7	-$0.01	Yes	$45.27	$45.28
20	1-Jul-11	2	8	-$0.01	Yes	$45.27	$45.28
21	1-Jul-11	2	9	-$0.01	Yes	$45.27	$45.28
22	1-Jul-11	2	10	-$0.01	Yes	$45.27	$45.28
23	1-Jul-11	2	11	-$0.01	Yes	$45.27	$45.28
24	1-Jul-11	2	12	-$0.01	Yes	$45.27	$45.28
25	1-Jul-11	3	1	$0.01	Yes	$45.27	$45.26
26	1-Jul-11	3	2	$5.51	Yes	$45.27	$39.76
27	1-Jul-11	3	3	$21.43	Yes	$45.27	$23.84
28	1-Jul-11	3	4	$28.04	Yes	$45.27	$17.23
29	1-Jul-11	3	5	$28.04	Yes	$45.27	$17.23
30	1-Jul-11	3	6	$65.56	Yes	$45.27	-$20.29
31	1-Jul-11	3	7	$39.69	Yes	$45.27	$5.58
32	1-Jul-11	3	8	$37.01	Yes	$45.27	$8.26
33	1-Jul-11	3	9	$37.01	Yes	$45.27	$8.26
34	1-Jul-11	3	10	$33.46	Yes	$45.27	$11.81
35	1-Jul-11	3	11	$37.00	Yes	$45.27	$8.27
36	1-Jul-11	3	12	$37.00	Yes	$45.27	$8.27
37	1-Jul-11	4	1	$37.01	Yes	$45.27	$8.26
38	1-Jul-11	4	2	$37.01	Yes	$45.27	$8.26
39	1-Jul-11	4	3	$37.01	Yes	$45.27	$8.26
40	1-Jul-11	4	4	$37.01	Yes	$45.27	$8.26
41	1-Jul-11	4	5	$37.69	Yes	$45.27	$7.58

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
42	1-Jul-11	4	6	$38.80	Yes	$45.27	$6.47
43	1-Jul-11	4	7	$45.37	Yes	$45.27	-$0.10
44	1-Jul-11	4	8	$39.78	Yes	$45.27	$5.49
45	1-Jul-11	4	9	$44.29	Yes	$45.27	$0.98
46	1-Jul-11	4	10	$52.87	Yes	$45.27	-$7.60
47	1-Jul-11	4	11	$51.71	Yes	$45.27	-$6.44
48	1-Jul-11	4	12	$85.23	Yes	$45.27	-$39.96
49	1-Jul-11	5	1	$21.04	Yes	$45.27	$24.23
50	1-Jul-11	5	2	$0.01	Yes	$45.27	$45.26
51	1-Jul-11	5	3	-$0.01	Yes	$45.27	$45.28
52	1-Jul-11	5	4	-$0.01	Yes	$45.27	$45.28
53	1-Jul-11	5	5	$19.20	Yes	$45.27	$26.07
54	1-Jul-11	5	6	$39.79	Yes	$45.27	$5.48
55	1-Jul-11	5	7	$44.35	Yes	$45.27	$0.92
56	1-Jul-11	5	8	$39.80	Yes	$45.27	$5.47
57	1-Jul-11	5	9	$39.80	Yes	$45.27	$5.47
58	1-Jul-11	5	10	$39.90	Yes	$45.27	$5.37
59	1-Jul-11	5	11	$45.27	Yes	$45.27	$0.00
60	1-Jul-11	5	12	$56.29	Yes	$45.27	-$11.02
61	1-Jul-11	6	1	-$0.01	Yes	$45.27	$45.28
62	1-Jul-11	6	2	-$0.01	Yes	$45.27	$45.28
63	1-Jul-11	6	3	-$0.01	Yes	$45.27	$45.28
64	1-Jul-11	6	4	-$0.01	Yes	$45.27	$45.28
65	1-Jul-11	6	5	-$0.01	Yes	$45.27	$45.28
66	1-Jul-11	6	6	-$0.01	Yes	$45.27	$45.28
67	1-Jul-11	6	7	-$0.01	Yes	$45.27	$45.28
68	1-Jul-11	6	8	$0.01	Yes	$45.27	$45.26
69	1-Jul-11	6	9	-$0.01	Yes	$45.27	$45.28
70	1-Jul-11	6	10	-$0.01	Yes	$45.27	$45.28
71	1-Jul-11	6	11	-$0.01	Yes	$45.27	$45.28
72	1-Jul-11	6	12	$0.01	Yes	$45.27	$45.26
73	1-Jul-11	7	1	-$1.07	Yes	$45.27	$46.34
74	1-Jul-11	7	2	-$34.68	Yes	$45.27	$79.95
75	1-Jul-11	7	3	-$32.26	Yes	$45.27	$77.53
76	1-Jul-11	7	4	-$33.79	Yes	$45.27	$79.06
77	1-Jul-11	7	5	-$32.39	Yes	$45.27	$77.66
78	1-Jul-11	7	6	-$32.43	Yes	$45.27	$77.70
79	1-Jul-11	7	7	-$1.10	Yes	$45.27	$46.37
80	1-Jul-11	7	8	-$0.01	Yes	$45.27	$45.28
81	1-Jul-11	7	9	$0.01	Yes	$45.27	$45.26
82	1-Jul-11	7	10	$24.94	Yes	$45.27	$20.33
83	1-Jul-11	7	11	$39.34	Yes	$45.27	$5.93
84	1-Jul-11	7	12	$37.13	Yes	$45.27	$8.14
85	1-Jul-11	8	1	-$0.01	Yes	$45.27	$45.28
86	1-Jul-11	8	2	-$0.04	Yes	$45.27	$45.31

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
87	1-Jul-11	8	3	-$0.04	Yes	$45.27	$45.31
88	1-Jul-11	8	4	$0.01	Yes	$45.27	$45.26
89	1-Jul-11	8	5	$0.01	Yes	$45.27	$45.26
90	1-Jul-11	8	6	$24.72	Yes	$45.27	$20.55
91	1-Jul-11	8	7	$24.78	Yes	$45.27	$20.49
92	1-Jul-11	8	8	$24.78	Yes	$45.27	$20.49
93	1-Jul-11	8	9	$29.41	Yes	$45.27	$15.86
94	1-Jul-11	8	10	$24.74	Yes	$45.27	$20.53
95	1-Jul-11	8	11	$28.28	Yes	$45.27	$16.99
96	1-Jul-11	8	12	$34.46	Yes	$45.27	$10.81
97	1-Jul-11	9	1	$0.01	Yes	$45.27	$45.26
98	1-Jul-11	9	2	$0.01	Yes	$45.27	$45.26
99	1-Jul-11	9	3	$0.01	Yes	$45.27	$45.26
100	1-Jul-11	9	4	$12.67	Yes	$45.27	$32.60
101	1-Jul-11	9	5	$24.78	Yes	$45.27	$20.49
102	1-Jul-11	9	6	$26.71	Yes	$45.27	$18.56
103	1-Jul-11	9	7	$26.73	Yes	$45.27	$18.54
104	1-Jul-11	9	8	$30.88	Yes	$45.27	$14.39
105	1-Jul-11	9	9	$33.20	Yes	$45.27	$12.07
106	1-Jul-11	9	10	$37.37	Yes	$45.27	$7.90
107	1-Jul-11	9	11	$37.37	Yes	$45.27	$7.90
108	1-Jul-11	9	12	$0.01	Yes	$45.27	$45.26
109	1-Jul-11	10	1	-$0.01	Yes	$45.27	$45.28
110	1-Jul-11	10	2	$0.01	Yes	$45.27	$45.26
111	1-Jul-11	10	3	$25.00	Yes	$45.27	$20.27
112	1-Jul-11	10	4	$31.07	Yes	$45.27	$14.20
113	1-Jul-11	10	5	$30.86	Yes	$45.27	$14.41
114	1-Jul-11	10	6	$34.80	Yes	$45.27	$10.47
115	1-Jul-11	10	7	$34.94	Yes	$45.27	$10.33
116	1-Jul-11	10	8	$38.70	Yes	$45.27	$6.57
117	1-Jul-11	10	9	$39.81	Yes	$45.27	$5.46
118	1-Jul-11	10	10	$41.60	Yes	$45.27	$3.67
119	1-Jul-11	10	11	$40.82	Yes	$45.27	$4.45
120	1-Jul-11	10	12	$40.82	Yes	$45.27	$4.45
121	1-Jul-11	11	1	$24.09	Yes	$45.27	$21.18
122	1-Jul-11	11	2	$25.43	Yes	$45.27	$19.84
123	1-Jul-11	11	3	$25.43	Yes	$45.27	$19.84
124	1-Jul-11	11	4	$25.81	Yes	$45.27	$19.46
125	1-Jul-11	11	5	$26.93	Yes	$45.27	$18.34
126	1-Jul-11	11	6	$28.97	Yes	$45.27	$16.30
127	1-Jul-11	11	7	$29.48	Yes	$45.27	$15.79
128	1-Jul-11	11	8	$30.06	Yes	$45.27	$15.21
129	1-Jul-11	11	9	$30.34	Yes	$45.27	$14.93
130	1-Jul-11	11	10	$30.13	Yes	$45.27	$15.14
131	1-Jul-11	11	11	$29.87	Yes	$45.27	$15.40

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
132	1-Jul-11	11	12	$35.08	Yes	$45.27	$10.19
133	1-Jul-11	12	1	$30.78	Yes	$45.27	$14.49
134	1-Jul-11	12	2	$30.05	Yes	$45.27	$15.22
135	1-Jul-11	12	3	$30.78	Yes	$45.27	$14.49
136	1-Jul-11	12	4	$30.80	Yes	$45.27	$14.47
137	1-Jul-11	12	5	$32.28	Yes	$45.27	$12.99
138	1-Jul-11	12	6	$33.37	Yes	$45.27	$11.90
139	1-Jul-11	12	7	$32.27	Yes	$45.27	$13.00
140	1-Jul-11	12	8	$34.01	Yes	$45.27	$11.26
141	1-Jul-11	12	9	$34.81	Yes	$45.27	$10.46
142	1-Jul-11	12	10	$35.67	Yes	$45.27	$9.60
143	1-Jul-11	12	11	$35.67	Yes	$45.27	$9.60
144	1-Jul-11	12	12	$36.42	Yes	$45.27	$8.85
145	1-Jul-11	13	1	$34.14	Yes	$45.27	$11.13
146	1-Jul-11	13	2	$34.75	Yes	$45.27	$10.52
147	1-Jul-11	13	3	$35.20	Yes	$45.27	$10.07
148	1-Jul-11	13	4	$35.40	Yes	$45.27	$9.87
149	1-Jul-11	13	5	$35.32	Yes	$45.27	$9.95
150	1-Jul-11	13	6	$36.78	Yes	$45.27	$8.49
151	1-Jul-11	13	7	$36.77	Yes	$45.27	$8.50
152	1-Jul-11	13	8	$36.77	Yes	$45.27	$8.50
153	1-Jul-11	13	9	$40.28	Yes	$45.27	$4.99
154	1-Jul-11	13	10	$40.63	Yes	$45.27	$4.64
155	1-Jul-11	13	11	$45.77	Yes	$45.27	-$0.50
156	1-Jul-11	13	12	$49.20	Yes	$45.27	-$3.93
157	1-Jul-11	14	1	$36.82	Yes	$45.27	$8.45
158	1-Jul-11	14	2	$44.91	Yes	$45.27	$0.36
159	1-Jul-11	14	3	$42.90	Yes	$45.27	$2.37
160	1-Jul-11	14	4	$42.58	Yes	$45.27	$2.69
161	1-Jul-11	14	5	$45.21	Yes	$45.27	$0.06
162	1-Jul-11	14	6	$44.85	Yes	$45.27	$0.42
163	1-Jul-11	14	7	$49.42	Yes	$45.27	-$4.15
164	1-Jul-11	14	8	$49.42	Yes	$45.27	-$4.15
165	1-Jul-11	14	9	$49.42	Yes	$45.27	-$4.15
166	1-Jul-11	14	10	$49.39	Yes	$45.27	-$4.12
167	1-Jul-11	14	11	$49.39	Yes	$45.27	-$4.12
168	1-Jul-11	14	12	$54.39	Yes	$45.27	-$9.12
169	1-Jul-11	15	1	$46.24	Yes	$45.27	-$0.97
170	1-Jul-11	15	2	$47.42	Yes	$45.27	-$2.15
171	1-Jul-11	15	3	$47.42	Yes	$45.27	-$2.15
172	1-Jul-11	15	4	$45.03	Yes	$45.27	$0.24
173	1-Jul-11	15	5	$45.50	Yes	$45.27	-$0.23
174	1-Jul-11	15	6	$49.05	Yes	$45.27	-$3.78
175	1-Jul-11	15	7	$49.31	Yes	$45.27	-$4.04
176	1-Jul-11	15	8	$49.31	Yes	$45.27	-$4.04

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
177	1-Jul-11	15	9	$50.48	Yes	$45.27	-$5.21
178	1-Jul-11	15	10	$50.49	Yes	$45.27	-$5.22
179	1-Jul-11	15	11	$50.49	Yes	$45.27	-$5.22
180	1-Jul-11	15	12	$50.15	Yes	$45.27	-$4.88
181	1-Jul-11	16	1	$132.67	Yes	$45.27	-$87.40
182	1-Jul-11	16	2	$132.67	Yes	$45.27	-$87.40
183	1-Jul-11	16	3	$87.31	Yes	$45.27	-$42.04
184	1-Jul-11	16	4	$86.17	Yes	$45.27	-$40.90
185	1-Jul-11	16	5	$81.28	Yes	$45.27	-$36.01
186	1-Jul-11	16	6	$81.28	Yes	$45.27	-$36.01
187	1-Jul-11	16	7	$59.92	Yes	$45.27	-$14.65
188	1-Jul-11	16	8	$91.05	Yes	$45.27	-$45.78
189	1-Jul-11	16	9	$57.22	Yes	$45.27	-$11.95
190	1-Jul-11	16	10	$77.34	Yes	$45.27	-$32.07
191	1-Jul-11	16	11	$77.34	Yes	$45.27	-$32.07
192	1-Jul-11	16	12	$132.60	Yes	$45.27	-$87.33
193	1-Jul-11	17	1	$1,021.70	Yes	$45.27	-$976.43
194	1-Jul-11	17	2	$131.66	Yes	$45.27	-$86.39
195	1-Jul-11	17	3	$131.66	Yes	$45.27	-$86.39
196	1-Jul-11	17	4	$53.96	Yes	$45.27	-$8.69
197	1-Jul-11	17	5	$51.17	Yes	$45.27	-$5.90
198	1-Jul-11	17	6	$53.61	Yes	$45.27	-$8.34
199	1-Jul-11	17	7	$60.10	Yes	$45.27	-$14.83
200	1-Jul-11	17	8	$77.47	Yes	$45.27	-$32.20
201	1-Jul-11	17	9	$75.77	Yes	$45.27	-$30.50
202	1-Jul-11	17	10	$97.20	Yes	$45.27	-$51.93
203	1-Jul-11	17	11	$52.91	Yes	$45.27	-$7.64
204	1-Jul-11	17	12	$50.58	Yes	$45.27	-$5.31
205	1-Jul-11	18	1	$49.33	Yes	$45.27	-$4.06
206	1-Jul-11	18	2	$48.90	Yes	$45.27	-$3.63
207	1-Jul-11	18	3	$55.89	Yes	$45.27	-$10.62
208	1-Jul-11	18	4	$49.59	Yes	$45.27	-$4.32
209	1-Jul-11	18	5	$49.59	Yes	$45.27	-$4.32
210	1-Jul-11	18	6	$48.57	Yes	$45.27	-$3.30
211	1-Jul-11	18	7	$47.21	Yes	$45.27	-$1.94
212	1-Jul-11	18	8	$48.45	Yes	$45.27	-$3.18
213	1-Jul-11	18	9	$49.69	Yes	$45.27	-$4.42
214	1-Jul-11	18	10	$48.58	Yes	$45.27	-$3.31
215	1-Jul-11	18	11	$47.13	Yes	$45.27	-$1.86
216	1-Jul-11	18	12	$46.04	Yes	$45.27	-$0.77
217	1-Jul-11	19	1	$46.85	Yes	$45.27	-$1.58
218	1-Jul-11	19	2	$45.81	Yes	$45.27	-$0.54
219	1-Jul-11	19	3	$45.99	Yes	$45.27	-$0.72
220	1-Jul-11	19	4	$45.90	Yes	$45.27	-$0.63
221	1-Jul-11	19	5	$52.50	Yes	$45.27	-$7.23

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
222	1-Jul-11	19	6	$52.50	Yes	$45.27	-$7.23
223	1-Jul-11	19	7	$49.42	Yes	$45.27	-$4.15
224	1-Jul-11	19	8	$47.99	Yes	$45.27	-$2.72
225	1-Jul-11	19	9	$46.87	Yes	$45.27	-$1.60
226	1-Jul-11	19	10	$46.55	Yes	$45.27	-$1.28
227	1-Jul-11	19	11	$45.90	Yes	$45.27	-$0.63
228	1-Jul-11	19	12	$46.55	Yes	$45.27	-$1.28
229	1-Jul-11	20	1	$45.68	Yes	$45.27	-$0.41
230	1-Jul-11	20	2	$45.68	Yes	$45.27	-$0.41
231	1-Jul-11	20	3	$46.45	Yes	$45.27	-$1.18
232	1-Jul-11	20	4	$45.85	Yes	$45.27	-$0.58
233	1-Jul-11	20	5	$45.85	Yes	$45.27	-$0.58
234	1-Jul-11	20	6	$45.31	Yes	$45.27	-$0.04
235	1-Jul-11	20	7	$45.12	Yes	$45.27	$0.15
236	1-Jul-11	20	8	$45.50	Yes	$45.27	-$0.23
237	1-Jul-11	20	9	$45.83	Yes	$45.27	-$0.56
238	1-Jul-11	20	10	$45.85	Yes	$45.27	-$0.58
239	1-Jul-11	20	11	$45.85	Yes	$45.27	-$0.58
240	1-Jul-11	20	12	$39.25	Yes	$45.27	$6.02
241	1-Jul-11	21	1	$35.89	Yes	$45.27	$9.38
242	1-Jul-11	21	2	$35.89	Yes	$45.27	$9.38
243	1-Jul-11	21	3	$35.89	Yes	$45.27	$9.38
244	1-Jul-11	21	4	$39.38	Yes	$45.27	$5.89
245	1-Jul-11	21	5	$40.73	Yes	$45.27	$4.54
246	1-Jul-11	21	6	$42.56	Yes	$45.27	$2.71
247	1-Jul-11	21	7	$43.75	Yes	$45.27	$1.52
248	1-Jul-11	21	8	$43.75	Yes	$45.27	$1.52
249	1-Jul-11	21	9	$44.62	Yes	$45.27	$0.65
250	1-Jul-11	21	10	$45.37	Yes	$45.27	-$0.10
251	1-Jul-11	21	11	$42.45	Yes	$45.27	$2.82
252	1-Jul-11	21	12	$37.67	Yes	$45.27	$7.60
253	1-Jul-11	22	1	$44.56	Yes	$45.27	$0.71
254	1-Jul-11	22	2	$41.32	Yes	$45.27	$3.95
255	1-Jul-11	22	3	$37.24	Yes	$45.27	$8.03
256	1-Jul-11	22	4	$40.35	Yes	$45.27	$4.92
257	1-Jul-11	22	5	$40.35	Yes	$45.27	$4.92
258	1-Jul-11	22	6	$40.67	Yes	$45.27	$4.60
259	1-Jul-11	22	7	$40.30	Yes	$45.27	$4.97
260	1-Jul-11	22	8	$40.30	Yes	$45.27	$4.97
261	1-Jul-11	22	9	$40.42	Yes	$45.27	$4.85
262	1-Jul-11	22	10	$34.64	Yes	$45.27	$10.63
263	1-Jul-11	22	11	$37.18	Yes	$45.27	$8.09
264	1-Jul-11	22	12	$31.98	Yes	$45.27	$13.29
265	1-Jul-11	23	1	$45.47	Yes	$45.27	-$0.20
266	1-Jul-11	23	2	$44.18	Yes	$45.27	$1.09

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
267	1-Jul-11	23	3	$39.27	Yes	$45.27	$6.00
268	1-Jul-11	23	4	$40.25	Yes	$45.27	$5.02
269	1-Jul-11	23	5	$39.29	Yes	$45.27	$5.98
270	1-Jul-11	23	6	$41.10	Yes	$45.27	$4.17
271	1-Jul-11	23	7	$39.24	Yes	$45.27	$6.03
272	1-Jul-11	23	8	$36.71	Yes	$45.27	$8.56
273	1-Jul-11	23	9	$37.12	Yes	$45.27	$8.15
274	1-Jul-11	23	10	$34.69	Yes	$45.27	$10.58
275	1-Jul-11	23	11	$36.72	Yes	$45.27	$8.55
276	1-Jul-11	23	12	$34.26	Yes	$45.27	$11.01
277	1-Jul-11	24	1	$44.87	Yes	$45.27	$0.40
278	1-Jul-11	24	2	$44.10	Yes	$45.27	$1.17
279	1-Jul-11	24	3	$43.46	Yes	$45.27	$1.81
280	1-Jul-11	24	4	$43.45	Yes	$45.27	$1.82
281	1-Jul-11	24	5	$44.43	Yes	$45.27	$0.84
282	1-Jul-11	24	6	$45.66	Yes	$45.27	-$0.39
283	1-Jul-11	24	7	$30.44	Yes	$45.27	$14.83
284	1-Jul-11	24	8	$27.11	Yes	$45.27	$18.16
285	1-Jul-11	24	9	$27.11	Yes	$45.27	$18.16
286	1-Jul-11	24	10	$21.94	Yes	$45.27	$23.33
287	1-Jul-11	24	11	$21.94	Yes	$45.27	$23.33
288	1-Jul-11	24	12	$21.92	Yes	$45.27	$23.35
289	2-Jul-11	1	1	$28.63	Yes	$45.27	$16.64
290	2-Jul-11	1	2	$46.01	Yes	$45.27	-$0.74
291	2-Jul-11	1	3	$51.90	Yes	$45.27	-$6.63
292	2-Jul-11	1	4	$38.90	Yes	$45.27	$6.37
293	2-Jul-11	1	5	$210.05	Yes	$45.27	-$164.78
294	2-Jul-11	1	6	$47.55	Yes	$45.27	-$2.28
295	2-Jul-11	1	7	$34.89	Yes	$45.27	$10.38
296	2-Jul-11	1	8	$46.04	Yes	$45.27	-$0.77
297	2-Jul-11	1	9	$46.04	Yes	$45.27	-$0.77
298	2-Jul-11	1	10	$46.08	Yes	$45.27	-$0.81
299	2-Jul-11	1	11	$39.26	Yes	$45.27	$6.01
300	2-Jul-11	1	12	$52.23	Yes	$45.27	-$6.96
301	2-Jul-11	2	1	-$0.01	Yes	$45.27	$45.28
302	2-Jul-11	2	2	$29.63	Yes	$45.27	$15.64
303	2-Jul-11	2	3	$48.16	Yes	$45.27	-$2.89
304	2-Jul-11	2	4	$39.05	Yes	$45.27	$6.22
305	2-Jul-11	2	5	$34.99	Yes	$45.27	$10.28
306	2-Jul-11	2	6	$0.01	Yes	$45.27	$45.26
307	2-Jul-11	2	7	-$0.01	Yes	$45.27	$45.28
308	2-Jul-11	2	8	$39.13	Yes	$45.27	$6.14
309	2-Jul-11	2	9	$34.89	Yes	$45.27	$10.38
310	2-Jul-11	2	10	$26.54	Yes	$45.27	$18.73
311	2-Jul-11	2	11	-$0.01	Yes	$45.27	$45.28

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
312	2-Jul-11	2	12	$34.89	Yes	$45.27	$10.38
313	2-Jul-11	3	1	$28.06	Yes	$45.27	$17.21
314	2-Jul-11	3	2	$39.15	Yes	$45.27	$6.12
315	2-Jul-11	3	3	$48.19	Yes	$45.27	-$2.92
316	2-Jul-11	3	4	$45.14	Yes	$45.27	$0.13
317	2-Jul-11	3	5	$41.85	Yes	$45.27	$3.42
318	2-Jul-11	3	6	$37.95	Yes	$45.27	$7.32
319	2-Jul-11	3	7	$38.99	Yes	$45.27	$6.28
320	2-Jul-11	3	8	$38.99	Yes	$45.27	$6.28
321	2-Jul-11	3	9	$34.84	Yes	$45.27	$10.43
322	2-Jul-11	3	10	-$0.01	Yes	$45.27	$45.28
323	2-Jul-11	3	11	-$0.01	Yes	$45.27	$45.28
324	2-Jul-11	3	12	$28.03	Yes	$45.27	$17.24
325	2-Jul-11	4	1	$41.84	Yes	$45.27	$3.43
326	2-Jul-11	4	2	$45.34	Yes	$45.27	-$0.07
327	2-Jul-11	4	3	$48.16	Yes	$45.27	-$2.89
328	2-Jul-11	4	4	$42.93	Yes	$45.27	$2.34
329	2-Jul-11	4	5	$42.03	Yes	$45.27	$3.24
330	2-Jul-11	4	6	$41.83	Yes	$45.27	$3.44
331	2-Jul-11	4	7	$38.84	Yes	$45.27	$6.43
332	2-Jul-11	4	8	$39.22	Yes	$45.27	$6.05
333	2-Jul-11	4	9	$48.19	Yes	$45.27	-$2.92
334	2-Jul-11	4	10	$48.17	Yes	$45.27	-$2.90
335	2-Jul-11	4	11	$42.93	Yes	$45.27	$2.34
336	2-Jul-11	4	12	$44.83	Yes	$45.27	$0.44
337	2-Jul-11	5	1	$44.55	Yes	$45.27	$0.72
338	2-Jul-11	5	2	$38.82	Yes	$45.27	$6.45
339	2-Jul-11	5	3	$28.01	Yes	$45.27	$17.26
340	2-Jul-11	5	4	$38.92	Yes	$45.27	$6.35
341	2-Jul-11	5	5	$38.92	Yes	$45.27	$6.35
342	2-Jul-11	5	6	$38.92	Yes	$45.27	$6.35
343	2-Jul-11	5	7	$41.84	Yes	$45.27	$3.43
344	2-Jul-11	5	8	$41.84	Yes	$45.27	$3.43
345	2-Jul-11	5	9	$41.84	Yes	$45.27	$3.43
346	2-Jul-11	5	10	$38.90	Yes	$45.27	$6.37
347	2-Jul-11	5	11	$41.85	Yes	$45.27	$3.42
348	2-Jul-11	5	12	$38.90	Yes	$45.27	$6.37
349	2-Jul-11	6	1	$41.80	Yes	$45.27	$3.47
350	2-Jul-11	6	2	$41.80	Yes	$45.27	$3.47
351	2-Jul-11	6	3	$41.80	Yes	$45.27	$3.47
352	2-Jul-11	6	4	$42.08	Yes	$45.27	$3.19
353	2-Jul-11	6	5	$42.93	Yes	$45.27	$2.34
354	2-Jul-11	6	6	$45.18	Yes	$45.27	$0.09
355	2-Jul-11	6	7	$42.93	Yes	$45.27	$2.34
356	2-Jul-11	6	8	$41.86	Yes	$45.27	$3.41

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
357	2-Jul-11	6	9	$38.90	Yes	$45.27	$6.37
358	2-Jul-11	6	10	$20.97	Yes	$45.27	$24.30
359	2-Jul-11	6	11	$35.16	Yes	$45.27	$10.11
360	2-Jul-11	6	12	$41.80	Yes	$45.27	$3.47
361	2-Jul-11	7	1	$20.95	Yes	$45.27	$24.32
362	2-Jul-11	7	2	$26.49	Yes	$45.27	$18.78
363	2-Jul-11	7	3	$26.49	Yes	$45.27	$18.78
364	2-Jul-11	7	4	$26.64	Yes	$45.27	$18.63
365	2-Jul-11	7	5	$26.64	Yes	$45.27	$18.63
366	2-Jul-11	7	6	$28.01	Yes	$45.27	$17.26
367	2-Jul-11	7	7	$28.03	Yes	$45.27	$17.24
368	2-Jul-11	7	8	$38.32	Yes	$45.27	$6.95
369	2-Jul-11	7	9	$38.32	Yes	$45.27	$6.95
370	2-Jul-11	7	10	$45.27	Yes	$45.27	$0.00
371	2-Jul-11	7	11	$38.44	Yes	$45.27	$6.83
372	2-Jul-11	7	12	$38.44	Yes	$45.27	$6.83
373	2-Jul-11	8	1	-$0.01	Yes	$45.27	$45.28
374	2-Jul-11	8	2	-$1.07	Yes	$45.27	$46.34
375	2-Jul-11	8	3	-$28.03	Yes	$45.27	$73.30
376	2-Jul-11	8	4	-$0.01	Yes	$45.27	$45.28
377	2-Jul-11	8	5	$0.10	Yes	$45.27	$45.17
378	2-Jul-11	8	6	$26.92	Yes	$45.27	$18.35
379	2-Jul-11	8	7	$27.19	Yes	$45.27	$18.08
380	2-Jul-11	8	8	$27.19	Yes	$45.27	$18.08
381	2-Jul-11	8	9	$33.70	Yes	$45.27	$11.57
382	2-Jul-11	8	10	$0.10	Yes	$45.27	$45.17
383	2-Jul-11	8	11	$27.17	Yes	$45.27	$18.10
384	2-Jul-11	8	12	$28.04	Yes	$45.27	$17.23
385	2-Jul-11	9	1	-$29.96	Yes	$45.27	$75.23
386	2-Jul-11	9	2	-$29.99	Yes	$45.27	$75.26
387	2-Jul-11	9	3	-$1.07	Yes	$45.27	$46.34
388	2-Jul-11	9	4	-$0.01	Yes	$45.27	$45.28
389	2-Jul-11	9	5	$0.01	Yes	$45.27	$45.26
390	2-Jul-11	9	6	$26.84	Yes	$45.27	$18.43
391	2-Jul-11	9	7	-$0.01	Yes	$45.27	$45.28
392	2-Jul-11	9	8	$0.01	Yes	$45.27	$45.26
393	2-Jul-11	9	9	$26.97	Yes	$45.27	$18.30
394	2-Jul-11	9	10	$27.09	Yes	$45.27	$18.18
395	2-Jul-11	9	11	$0.01	Yes	$45.27	$45.26
396	2-Jul-11	9	12	-$29.16	Yes	$45.27	$74.43
397	2-Jul-11	10	1	-$30.22	Yes	$45.27	$75.49
398	2-Jul-11	10	2	-$30.21	Yes	$45.27	$75.48
399	2-Jul-11	10	3	-$30.21	Yes	$45.27	$75.48
400	2-Jul-11	10	4	-$31.19	Yes	$45.27	$76.46
401	2-Jul-11	10	5	-$31.99	Yes	$45.27	$77.26

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
402	2-Jul-11	10	6	-$31.99	Yes	$45.27	$77.26
403	2-Jul-11	10	7	-$31.24	Yes	$45.27	$76.51
404	2-Jul-11	10	8	-$31.49	Yes	$45.27	$76.76
405	2-Jul-11	10	9	-$30.73	Yes	$45.27	$76.00
406	2-Jul-11	10	10	-$1.11	Yes	$45.27	$46.38
407	2-Jul-11	10	11	$0.01	Yes	$45.27	$45.26
408	2-Jul-11	10	12	-$30.06	Yes	$45.27	$75.33
409	2-Jul-11	11	1	-$31.00	Yes	$45.27	$76.27
410	2-Jul-11	11	2	-$31.05	Yes	$45.27	$76.32
411	2-Jul-11	11	3	-$1.10	Yes	$45.27	$46.37
412	2-Jul-11	11	4	-$0.01	Yes	$45.27	$45.28
413	2-Jul-11	11	5	$5.85	Yes	$45.27	$39.42
414	2-Jul-11	11	6	$26.95	Yes	$45.27	$18.32
415	2-Jul-11	11	7	$27.39	Yes	$45.27	$17.88
416	2-Jul-11	11	8	$25.96	Yes	$45.27	$19.31
417	2-Jul-11	11	9	$25.82	Yes	$45.27	$19.45
418	2-Jul-11	11	10	$19.59	Yes	$45.27	$25.68
419	2-Jul-11	11	11	$16.36	Yes	$45.27	$28.91
420	2-Jul-11	11	12	$26.77	Yes	$45.27	$18.50
421	2-Jul-11	12	1	-$0.01	Yes	$45.27	$45.28
422	2-Jul-11	12	2	$0.01	Yes	$45.27	$45.26
423	2-Jul-11	12	3	$15.84	Yes	$45.27	$29.43
424	2-Jul-11	12	4	$15.90	Yes	$45.27	$29.37
425	2-Jul-11	12	5	$22.82	Yes	$45.27	$22.45
426	2-Jul-11	12	6	$21.14	Yes	$45.27	$24.13
427	2-Jul-11	12	7	$21.26	Yes	$45.27	$24.01
428	2-Jul-11	12	8	$26.26	Yes	$45.27	$19.01
429	2-Jul-11	12	9	$27.99	Yes	$45.27	$17.28
430	2-Jul-11	12	10	$28.15	Yes	$45.27	$17.12
431	2-Jul-11	12	11	$28.15	Yes	$45.27	$17.12
432	2-Jul-11	12	12	$28.50	Yes	$45.27	$16.77
433	2-Jul-11	13	1	$22.83	Yes	$45.27	$22.44
434	2-Jul-11	13	2	$22.63	Yes	$45.27	$22.64
435	2-Jul-11	13	3	$24.78	Yes	$45.27	$20.49
436	2-Jul-11	13	4	$24.99	Yes	$45.27	$20.28
437	2-Jul-11	13	5	$27.85	Yes	$45.27	$17.42
438	2-Jul-11	13	6	$28.48	Yes	$45.27	$16.79
439	2-Jul-11	13	7	$28.04	Yes	$45.27	$17.23
440	2-Jul-11	13	8	$28.21	Yes	$45.27	$17.06
441	2-Jul-11	13	9	$28.21	Yes	$45.27	$17.06
442	2-Jul-11	13	10	$28.95	Yes	$45.27	$16.32
443	2-Jul-11	13	11	$30.26	Yes	$45.27	$15.01
444	2-Jul-11	13	12	$30.26	Yes	$45.27	$15.01
445	2-Jul-11	14	1	$28.16	Yes	$45.27	$17.11
446	2-Jul-11	14	2	$30.34	Yes	$45.27	$14.93

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
447	2-Jul-11	14	3	$31.50	Yes	$45.27	$13.77
448	2-Jul-11	14	4	$78.55	Yes	$45.27	-$33.28
449	2-Jul-11	14	5	$48.61	Yes	$45.27	-$3.34
450	2-Jul-11	14	6	$1,020.20	Yes	$45.27	-$974.93
451	2-Jul-11	14	7	$53.90	Yes	$45.27	-$8.63
452	2-Jul-11	14	8	$45.34	Yes	$45.27	-$0.07
453	2-Jul-11	14	9	$32.00	Yes	$45.27	$13.27
454	2-Jul-11	14	10	$51.37	Yes	$45.27	-$6.10
455	2-Jul-11	14	11	$46.12	Yes	$45.27	-$0.85
456	2-Jul-11	14	12	$53.76	Yes	$45.27	-$8.49
457	2-Jul-11	15	1	$49.39	Yes	$45.27	-$4.12
458	2-Jul-11	15	2	$53.60	Yes	$45.27	-$8.33
459	2-Jul-11	15	3	$78.47	Yes	$45.27	-$33.20
460	2-Jul-11	15	4	$78.40	Yes	$45.27	-$33.13
461	2-Jul-11	15	5	$62.71	Yes	$45.27	-$17.44
462	2-Jul-11	15	6	$1,016.62	Yes	$45.27	-$971.35
463	2-Jul-11	15	7	$102.87	Yes	$45.27	-$57.60
464	2-Jul-11	15	8	$79.21	Yes	$45.27	-$33.94
465	2-Jul-11	15	9	$63.52	Yes	$45.27	-$18.25
466	2-Jul-11	15	10	$66.45	Yes	$45.27	-$21.18
467	2-Jul-11	15	11	$491.00	Yes	$45.27	-$445.73
468	2-Jul-11	15	12	$78.17	Yes	$45.27	-$32.90
469	2-Jul-11	16	1	$60.00	Yes	$45.27	-$14.73
470	2-Jul-11	16	2	$57.29	Yes	$45.27	-$12.02
471	2-Jul-11	16	3	$70.94	Yes	$45.27	-$25.67
472	2-Jul-11	16	4	$53.85	Yes	$45.27	-$8.58
473	2-Jul-11	16	5	$57.58	Yes	$45.27	-$12.31
474	2-Jul-11	16	6	$53.39	Yes	$45.27	-$8.12
475	2-Jul-11	16	7	$66.69	Yes	$45.27	-$21.42
476	2-Jul-11	16	8	$1,021.99	Yes	$45.27	-$976.72
477	2-Jul-11	16	9	$1,022.11	Yes	$45.27	-$976.84
478	2-Jul-11	16	10	$42.85	Yes	$45.27	$2.42
479	2-Jul-11	16	11	$45.04	Yes	$45.27	$0.23
480	2-Jul-11	16	12	$44.03	Yes	$45.27	$1.24
481	2-Jul-11	17	1	$57.53	Yes	$45.27	-$12.26
482	2-Jul-11	17	2	$47.99	Yes	$45.27	-$2.72
483	2-Jul-11	17	3	$50.59	Yes	$45.27	-$5.32
484	2-Jul-11	17	4	$53.69	Yes	$45.27	-$8.42
485	2-Jul-11	17	5	$50.63	Yes	$45.27	-$5.36
486	2-Jul-11	17	6	$53.69	Yes	$45.27	-$8.42
487	2-Jul-11	17	7	$53.12	Yes	$45.27	-$7.85
488	2-Jul-11	17	8	$77.22	Yes	$45.27	-$31.95
489	2-Jul-11	17	9	$75.25	Yes	$45.27	-$29.98
490	2-Jul-11	17	10	$59.86	Yes	$45.27	-$14.59
491	2-Jul-11	17	11	$53.52	Yes	$45.27	-$8.25

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
492	2-Jul-11	17	12	$53.78	Yes	$45.27	-$8.51
493	2-Jul-11	18	1	$68.59	Yes	$45.27	-$23.32
494	2-Jul-11	18	2	$76.98	Yes	$45.27	-$31.71
495	2-Jul-11	18	3	$103.53	Yes	$45.27	-$58.26
496	2-Jul-11	18	4	$75.23	Yes	$45.27	-$29.96
497	2-Jul-11	18	5	$75.23	Yes	$45.27	-$29.96
498	2-Jul-11	18	6	$75.23	Yes	$45.27	-$29.96
499	2-Jul-11	18	7	$53.31	Yes	$45.27	-$8.04
500	2-Jul-11	18	8	$48.74	Yes	$45.27	-$3.47
501	2-Jul-11	18	9	$48.74	Yes	$45.27	-$3.47
502	2-Jul-11	18	10	$47.76	Yes	$45.27	-$2.49
503	2-Jul-11	18	11	$46.87	Yes	$45.27	-$1.60
504	2-Jul-11	18	12	$42.87	Yes	$45.27	$2.40
505	2-Jul-11	19	1	$58.62	Yes	$45.27	-$13.35
506	2-Jul-11	19	2	$58.44	Yes	$45.27	-$13.17
507	2-Jul-11	19	3	$77.95	Yes	$45.27	-$32.68
508	2-Jul-11	19	4	$82.96	Yes	$45.27	-$37.69
509	2-Jul-11	19	5	$58.34	Yes	$45.27	-$13.07
510	2-Jul-11	19	6	$54.27	Yes	$45.27	-$9.00
511	2-Jul-11	19	7	$53.16	Yes	$45.27	-$7.89
512	2-Jul-11	19	8	$46.87	Yes	$45.27	-$1.60
513	2-Jul-11	19	9	$50.01	Yes	$45.27	-$4.74
514	2-Jul-11	19	10	$46.93	Yes	$45.27	-$1.66
515	2-Jul-11	19	11	$52.13	Yes	$45.27	-$6.86
516	2-Jul-11	19	12	$46.93	Yes	$45.27	-$1.66
517	2-Jul-11	20	1	$48.88	Yes	$45.27	-$3.61
518	2-Jul-11	20	2	$47.36	Yes	$45.27	-$2.09
519	2-Jul-11	20	3	$47.36	Yes	$45.27	-$2.09
520	2-Jul-11	20	4	$46.83	Yes	$45.27	-$1.56
521	2-Jul-11	20	5	$46.92	Yes	$45.27	-$1.65
522	2-Jul-11	20	6	$47.02	Yes	$45.27	-$1.75
523	2-Jul-11	20	7	$74.55	Yes	$45.27	-$29.28
524	2-Jul-11	20	8	$49.80	Yes	$45.27	-$4.53
525	2-Jul-11	20	9	$46.84	Yes	$45.27	-$1.57
526	2-Jul-11	20	10	$47.09	Yes	$45.27	-$1.82
527	2-Jul-11	20	11	$45.56	Yes	$45.27	-$0.29
528	2-Jul-11	20	12	$43.50	Yes	$45.27	$1.77
529	2-Jul-11	21	1	$34.66	Yes	$45.27	$10.61
530	2-Jul-11	21	2	$40.49	Yes	$45.27	$4.78
531	2-Jul-11	21	3	$43.04	Yes	$45.27	$2.23
532	2-Jul-11	21	4	$44.19	Yes	$45.27	$1.08
533	2-Jul-11	21	5	$42.09	Yes	$45.27	$3.18
534	2-Jul-11	21	6	$43.46	Yes	$45.27	$1.81
535	2-Jul-11	21	7	$43.77	Yes	$45.27	$1.50
536	2-Jul-11	21	8	$43.52	Yes	$45.27	$1.75

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
537	2-Jul-11	21	9	$44.93	Yes	$45.27	$0.34
538	2-Jul-11	21	10	$44.93	Yes	$45.27	$0.34
539	2-Jul-11	21	11	$45.15	Yes	$45.27	$0.12
540	2-Jul-11	21	12	$32.30	Yes	$45.27	$12.97
541	2-Jul-11	22	1	$38.52	Yes	$45.27	$6.75
542	2-Jul-11	22	2	$32.49	Yes	$45.27	$12.78
543	2-Jul-11	22	3	$31.27	Yes	$45.27	$14.00
544	2-Jul-11	22	4	$32.34	Yes	$45.27	$12.93
545	2-Jul-11	22	5	$36.52	Yes	$45.27	$8.75
546	2-Jul-11	22	6	$32.34	Yes	$45.27	$12.93
547	2-Jul-11	22	7	$32.16	Yes	$45.27	$13.11
548	2-Jul-11	22	8	$30.22	Yes	$45.27	$15.05
549	2-Jul-11	22	9	$28.89	Yes	$45.27	$16.38
550	2-Jul-11	22	10	$26.92	Yes	$45.27	$18.35
551	2-Jul-11	22	11	$30.20	Yes	$45.27	$15.07
552	2-Jul-11	22	12	$26.92	Yes	$45.27	$18.35
553	2-Jul-11	23	1	$30.28	Yes	$45.27	$14.99
554	2-Jul-11	23	2	$30.50	Yes	$45.27	$14.77
555	2-Jul-11	23	3	$28.70	Yes	$45.27	$16.57
556	2-Jul-11	23	4	$31.38	Yes	$45.27	$13.89
557	2-Jul-11	23	5	$33.26	Yes	$45.27	$12.01
558	2-Jul-11	23	6	$34.64	Yes	$45.27	$10.63
559	2-Jul-11	23	7	$37.69	Yes	$45.27	$7.58
560	2-Jul-11	23	8	$30.56	Yes	$45.27	$14.71
561	2-Jul-11	23	9	$32.26	Yes	$45.27	$13.01
562	2-Jul-11	23	10	$30.48	Yes	$45.27	$14.79
563	2-Jul-11	23	11	$27.56	Yes	$45.27	$17.71
564	2-Jul-11	23	12	$22.53	Yes	$45.27	$22.74
565	2-Jul-11	24	1	$30.46	Yes	$45.27	$14.81
566	2-Jul-11	24	2	$30.46	Yes	$45.27	$14.81
567	2-Jul-11	24	3	$30.46	Yes	$45.27	$14.81
568	2-Jul-11	24	4	$31.37	Yes	$45.27	$13.90
569	2-Jul-11	24	5	$33.67	Yes	$45.27	$11.60
570	2-Jul-11	24	6	$30.41	Yes	$45.27	$14.86
571	2-Jul-11	24	7	$26.91	Yes	$45.27	$18.36
572	2-Jul-11	24	8	$28.40	Yes	$45.27	$16.87
573	2-Jul-11	24	9	$28.40	Yes	$45.27	$16.87
574	2-Jul-11	24	10	$0.01	Yes	$45.27	$45.26
575	2-Jul-11	24	11	$27.36	Yes	$45.27	$17.91
576	2-Jul-11	24	12	$27.36	Yes	$45.27	$17.91
577	3-Jul-11	10	11	$25.81	Yes	$45.27	$19.46
578	3-Jul-11	10	12	$48.25	Yes	$45.27	-$2.98
579	3-Jul-11	11	1	-$30.37	Yes	$45.27	$75.64
580	3-Jul-11	11	2	-$0.01	Yes	$45.27	$45.28
581	3-Jul-11	11	3	-$29.67	Yes	$45.27	$74.94

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
582	3-Jul-11	11	3	-$29.67	Yes	$45.27	$74.94
583	3-Jul-11	11	4	-$31.03	Yes	$45.27	$76.30
584	3-Jul-11	11	4	-$31.03	Yes	$45.27	$76.30
585	3-Jul-11	11	5	-$1.13	Yes	$45.27	$46.40
586	3-Jul-11	11	5	-$1.13	Yes	$45.27	$46.40
587	3-Jul-11	11	6	-$1.13	Yes	$45.27	$46.40
588	3-Jul-11	11	6	-$1.13	Yes	$45.27	$46.40
589	3-Jul-11	11	7	-$1.12	Yes	$45.27	$46.39
590	3-Jul-11	11	7	-$1.12	Yes	$45.27	$46.39
591	3-Jul-11	11	8	$0.01	Yes	$45.27	$45.26
592	3-Jul-11	11	8	$0.01	Yes	$45.27	$45.26
593	3-Jul-11	11	9	$20.93	Yes	$45.27	$24.34
594	3-Jul-11	11	9	$20.93	Yes	$45.27	$24.34
595	3-Jul-11	11	10	$0.01	Yes	$45.27	$45.26
596	3-Jul-11	11	10	$0.01	Yes	$45.27	$45.26
597	3-Jul-11	11	11	$20.89	Yes	$45.27	$24.38
598	3-Jul-11	11	11	$20.89	Yes	$45.27	$24.38
599	3-Jul-11	11	12	$0.00	Yes	$45.27	$45.27
600	3-Jul-11	11	12	$0.00	Yes	$45.27	$45.27
601	3-Jul-11	12	1	-$1.12	No	$45.27	$46.39
602	3-Jul-11	12	2	-$1.10	No	$45.27	$46.37
603	3-Jul-11	12	3	-$0.01	No	$45.27	$45.28
604	3-Jul-11	12	4	-$0.01	No	$45.27	$45.28
605	3-Jul-11	12	5	$27.87	No	$45.27	$17.40
606	3-Jul-11	12	6	$27.87	No	$45.27	$17.40
607	3-Jul-11	12	7	$27.74	No	$45.27	$17.53
608	3-Jul-11	12	8	$27.74	No	$45.27	$17.53
609	3-Jul-11	12	9	$30.12	No	$45.27	$15.15
610	3-Jul-11	12	10	$30.25	No	$45.27	$15.02
611	3-Jul-11	12	11	$32.31	No	$45.27	$12.96
612	3-Jul-11	12	12	$35.25	No	$45.27	$10.02
613	3-Jul-11	13	1	$29.46	No	$44.27	$14.81
614	3-Jul-11	13	2	$32.24	No	$44.27	$12.03
615	3-Jul-11	13	3	$27.72	No	$44.27	$16.55
616	3-Jul-11	13	4	$28.87	No	$44.27	$15.40
617	3-Jul-11	13	5	$30.48	No	$44.27	$13.79
618	3-Jul-11	13	6	$27.78	No	$44.27	$16.49
619	3-Jul-11	13	7	$28.07	No	$44.27	$16.20
620	3-Jul-11	13	8	$30.62	No	$44.27	$13.65
621	3-Jul-11	13	9	$30.62	No	$44.27	$13.65
622	3-Jul-11	13	10	$31.61	No	$44.27	$12.66
623	3-Jul-11	13	11	$31.58	No	$44.27	$12.69
624	3-Jul-11	13	12	$36.21	No	$44.27	$8.06
625	3-Jul-11	14	1	$26.28	Yes	$45.27	$18.99
626	3-Jul-11	14	2	$26.54	Yes	$45.27	$18.73

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
627	3-Jul-11	14	3	$27.46	Yes	$45.27	$17.81
628	3-Jul-11	14	4	$27.78	Yes	$45.27	$17.49
629	3-Jul-11	14	5	$29.07	Yes	$45.27	$16.20
630	3-Jul-11	14	6	$30.29	Yes	$45.27	$14.98
631	3-Jul-11	14	7	$30.28	Yes	$45.27	$14.99
632	3-Jul-11	14	8	$32.37	Yes	$45.27	$12.90
633	3-Jul-11	14	9	$37.67	Yes	$45.27	$7.60
634	3-Jul-11	14	10	$46.62	Yes	$45.27	-$1.35
635	3-Jul-11	14	11	$47.14	Yes	$45.27	-$1.87
636	3-Jul-11	14	12	$47.72	Yes	$45.27	-$2.45
637	3-Jul-11	15	1	$44.81	Yes	$45.27	$0.46
638	3-Jul-11	15	2	$46.17	Yes	$45.27	-$0.90
639	3-Jul-11	15	3	$47.71	Yes	$45.27	-$2.44
640	3-Jul-11	15	4	$44.92	Yes	$45.27	$0.35
641	3-Jul-11	15	5	$46.81	Yes	$45.27	-$1.54
642	3-Jul-11	15	6	$40.57	Yes	$45.27	$4.70
643	3-Jul-11	15	7	$44.02	Yes	$45.27	$1.25
644	3-Jul-11	15	8	$45.27	Yes	$45.27	$0.00
645	3-Jul-11	15	9	$45.27	Yes	$45.27	$0.00
646	3-Jul-11	15	10	$47.91	Yes	$45.27	-$2.64
647	3-Jul-11	15	11	$47.59	Yes	$45.27	-$2.32
648	3-Jul-11	15	12	$47.59	Yes	$45.27	-$2.32
649	3-Jul-11	16	1	$46.43	Yes	$45.27	-$1.16
650	3-Jul-11	16	2	$46.45	Yes	$45.27	-$1.18
651	3-Jul-11	16	3	$47.86	Yes	$45.27	-$2.59
652	3-Jul-11	16	4	$48.68	Yes	$45.27	-$3.41
653	3-Jul-11	16	5	$48.60	Yes	$45.27	-$3.33
654	3-Jul-11	16	6	$49.40	Yes	$45.27	-$4.13
655	3-Jul-11	16	7	$48.02	Yes	$45.27	-$2.75
656	3-Jul-11	16	8	$49.33	Yes	$45.27	-$4.06
657	3-Jul-11	16	9	$46.59	Yes	$45.27	-$1.32
658	3-Jul-11	16	10	$46.39	Yes	$45.27	-$1.12
659	3-Jul-11	16	11	$44.98	Yes	$45.27	$0.29
660	3-Jul-11	16	12	$43.81	Yes	$45.27	$1.46
661	3-Jul-11	17	1	$45.99	No	$44.27	-$1.72
662	3-Jul-11	17	2	$45.88	No	$44.27	-$1.61
663	3-Jul-11	17	3	$47.11	No	$44.27	-$2.84
664	3-Jul-11	17	4	$45.27	No	$44.27	-$1.00
665	3-Jul-11	17	5	$43.71	No	$44.27	$0.56
666	3-Jul-11	17	6	$43.71	No	$44.27	$0.56
667	3-Jul-11	17	7	$40.73	No	$44.27	$3.54
668	3-Jul-11	17	8	$43.99	No	$44.27	$0.28
669	3-Jul-11	17	9	$43.49	No	$44.27	$0.78
670	3-Jul-11	17	10	$46.35	No	$44.27	-$2.08
671	3-Jul-11	17	11	$43.72	No	$44.27	$0.55

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
672	3-Jul-11	17	12	$46.24	No	$44.27	-$1.97
673	3-Jul-11	18	1	$31.66	Yes	$45.27	$13.61
674	3-Jul-11	18	2	$32.42	Yes	$45.27	$12.85
675	3-Jul-11	18	3	$31.43	Yes	$45.27	$13.84
676	3-Jul-11	18	4	$32.36	Yes	$45.27	$12.91
677	3-Jul-11	18	5	$32.36	Yes	$45.27	$12.91
678	3-Jul-11	18	6	$38.48	Yes	$45.27	$6.79
679	3-Jul-11	18	7	$34.61	Yes	$45.27	$10.66
680	3-Jul-11	18	8	$34.61	Yes	$45.27	$10.66
681	3-Jul-11	18	9	$41.19	Yes	$45.27	$4.08
682	3-Jul-11	18	10	$45.91	Yes	$45.27	-$0.64
683	3-Jul-11	18	11	$45.48	Yes	$45.27	-$0.21
684	3-Jul-11	18	12	$42.01	Yes	$45.27	$3.26
685	3-Jul-11	19	1	$46.75	Yes	$45.27	-$1.48
686	3-Jul-11	19	2	$46.75	Yes	$45.27	-$1.48
687	3-Jul-11	19	3	$50.47	Yes	$45.27	-$5.20
688	3-Jul-11	19	4	$43.77	Yes	$45.27	$1.50
689	3-Jul-11	19	5	$43.77	Yes	$45.27	$1.50
690	3-Jul-11	19	6	$43.25	Yes	$45.27	$2.02
691	3-Jul-11	19	7	$46.55	Yes	$45.27	-$1.28
692	3-Jul-11	19	8	$45.27	Yes	$45.27	$0.00
693	3-Jul-11	19	9	$45.21	Yes	$45.27	$0.06
694	3-Jul-11	19	10	$44.30	Yes	$45.27	$0.97
695	3-Jul-11	19	11	$44.33	Yes	$45.27	$0.94
696	3-Jul-11	19	12	$45.08	Yes	$45.27	$0.19
697	3-Jul-11	20	1	$45.37	Yes	$45.27	-$0.10
698	3-Jul-11	20	2	$45.35	Yes	$45.27	-$0.08
699	3-Jul-11	20	3	$45.38	Yes	$45.27	-$0.11
700	3-Jul-11	20	4	$44.67	Yes	$45.27	$0.60
701	3-Jul-11	20	5	$43.75	Yes	$45.27	$1.52
702	3-Jul-11	20	6	$29.81	Yes	$45.27	$15.46
703	3-Jul-11	20	7	$32.87	Yes	$45.27	$12.40
704	3-Jul-11	20	8	$30.31	Yes	$45.27	$14.96
705	3-Jul-11	20	9	$31.20	Yes	$45.27	$14.07
706	17-Jul-11	9	1	-$30.89	Yes	$44.57	$75.46
707	17-Jul-11	9	2	-$30.27	Yes	$44.57	$74.84
708	17-Jul-11	9	3	-$29.44	Yes	$44.57	$74.01
709	17-Jul-11	9	4	-$11.02	Yes	$44.57	$55.59
710	17-Jul-11	9	5	-$9.37	Yes	$44.57	$53.94
711	17-Jul-11	9	6	-$9.37	Yes	$44.57	$53.94
712	17-Jul-11	9	7	-$3.23	Yes	$44.57	$47.80
713	17-Jul-11	9	8	-$3.23	Yes	$44.57	$47.80
714	17-Jul-11	9	9	$35.50	Yes	$44.57	$9.07
715	17-Jul-11	9	10	$35.57	Yes	$44.57	$9.00
716	17-Jul-11	9	11	$36.06	Yes	$44.57	$8.51

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
717	17-Jul-11	9	12	$38.26	Yes	$44.57	$6.31
718	17-Jul-11	10	1	$0.01	Yes	$44.57	$44.56
719	17-Jul-11	10	2	-$3.19	Yes	$44.57	$47.76
720	17-Jul-11	10	3	-$11.09	Yes	$44.57	$55.66
721	17-Jul-11	10	4	-$3.28	Yes	$44.57	$47.85
722	17-Jul-11	10	5	-$3.28	Yes	$44.57	$47.85
723	17-Jul-11	10	6	$0.01	Yes	$44.57	$44.56
724	17-Jul-11	10	7	$0.01	Yes	$44.57	$44.56
725	17-Jul-11	10	8	$0.01	Yes	$44.57	$44.56
726	17-Jul-11	10	9	$0.01	Yes	$44.57	$44.56
727	17-Jul-11	10	10	$0.01	Yes	$44.57	$44.56
728	17-Jul-11	10	11	$0.01	Yes	$44.57	$44.56
729	17-Jul-11	10	12	-$30.16	Yes	$44.57	$74.73
730	17-Jul-11	11	1	-$30.62	Yes	$44.57	$75.19
731	17-Jul-11	11	2	-$30.62	Yes	$44.57	$75.19
732	17-Jul-11	11	3	-$30.05	Yes	$44.57	$74.62
733	17-Jul-11	11	4	-$31.46	Yes	$44.57	$76.03
734	17-Jul-11	11	5	-$31.05	Yes	$44.57	$75.62
735	17-Jul-11	11	6	-$30.08	Yes	$44.57	$74.65
736	17-Jul-11	11	7	-$31.06	Yes	$44.57	$75.63
737	17-Jul-11	11	8	-$30.42	Yes	$44.57	$74.99
738	17-Jul-11	11	9	-$30.38	Yes	$44.57	$74.95
739	17-Jul-11	11	10	-$3.26	Yes	$44.57	$47.83
740	17-Jul-11	11	11	-$3.26	Yes	$44.57	$47.83
741	17-Jul-11	11	12	$0.00	Yes	$44.57	$44.57
742	17-Jul-11	12	1	-$3.14	Yes	$44.57	$47.71
743	17-Jul-11	12	2	-$3.14	Yes	$44.57	$47.71
744	17-Jul-11	12	3	$0.00	Yes	$44.57	$44.57
745	17-Jul-11	12	4	$0.01	Yes	$44.57	$44.56
746	17-Jul-11	12	5	$0.01	Yes	$44.57	$44.56
747	17-Jul-11	12	6	$18.40	Yes	$44.57	$26.17
748	17-Jul-11	12	7	$18.44	Yes	$44.57	$26.13
749	17-Jul-11	12	8	$23.03	Yes	$44.57	$21.54
750	17-Jul-11	12	9	$18.44	Yes	$44.57	$26.13
751	17-Jul-11	12	10	$32.43	Yes	$44.57	$12.14
752	17-Jul-11	12	11	$32.43	Yes	$44.57	$12.14
753	17-Jul-11	12	12	$31.49	Yes	$44.57	$13.08
754	17-Jul-11	13	1	$0.01	Yes	$44.57	$44.56
755	17-Jul-11	13	2	$22.94	Yes	$44.57	$21.63
756	17-Jul-11	13	3	$22.94	Yes	$44.57	$21.63
757	17-Jul-11	13	4	$29.02	Yes	$44.57	$15.55
758	17-Jul-11	13	5	$35.16	Yes	$44.57	$9.41
759	17-Jul-11	13	6	$35.59	Yes	$44.57	$8.98
760	17-Jul-11	13	7	$36.32	Yes	$44.57	$8.25
761	17-Jul-11	13	8	$35.62	Yes	$44.57	$8.95

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
762	17-Jul-11	13	9	$36.32	Yes	$44.57	$8.25
763	17-Jul-11	13	10	$32.50	Yes	$44.57	$12.07
764	17-Jul-11	13	11	$36.42	Yes	$44.57	$8.15
765	17-Jul-11	13	12	$38.76	Yes	$44.57	$5.81
766	17-Jul-11	14	1	$32.43	Yes	$44.57	$12.14
767	17-Jul-11	14	2	$29.10	Yes	$44.57	$15.47
768	17-Jul-11	14	3	$32.43	Yes	$44.57	$12.14
769	17-Jul-11	14	4	$29.03	Yes	$44.57	$15.54
770	17-Jul-11	14	5	$35.39	Yes	$44.57	$9.18
771	17-Jul-11	14	6	$32.49	Yes	$44.57	$12.08
772	17-Jul-11	14	7	$31.06	Yes	$44.57	$13.51
773	17-Jul-11	14	8	$31.76	Yes	$44.57	$12.81
774	17-Jul-11	14	9	$32.45	Yes	$44.57	$12.12
775	17-Jul-11	14	10	$36.07	Yes	$44.57	$8.50
776	17-Jul-11	14	11	$32.46	Yes	$44.57	$12.11
777	17-Jul-11	14	12	$35.74	Yes	$44.57	$8.83
778	17-Jul-11	15	1	$29.14	Yes	$44.57	$15.43
779	17-Jul-11	15	2	$32.41	Yes	$44.57	$12.16
780	17-Jul-11	15	3	$32.41	Yes	$44.57	$12.16
781	17-Jul-11	15	4	$37.69	Yes	$44.57	$6.88
782	17-Jul-11	15	5	$36.39	Yes	$44.57	$8.18
783	17-Jul-11	15	6	$36.39	Yes	$44.57	$8.18
784	17-Jul-11	15	7	$36.32	Yes	$44.57	$8.25
785	17-Jul-11	15	8	$36.32	Yes	$44.57	$8.25
786	17-Jul-11	15	9	$36.32	Yes	$44.57	$8.25
787	17-Jul-11	15	10	$38.85	Yes	$44.57	$5.72
788	17-Jul-11	15	11	$38.85	Yes	$44.57	$5.72
789	17-Jul-11	15	12	$45.78	Yes	$44.57	-$1.21
790	17-Jul-11	16	1	$43.18	Yes	$44.57	$1.39
791	17-Jul-11	16	2	$42.78	Yes	$44.57	$1.79
792	17-Jul-11	16	3	$41.08	Yes	$44.57	$3.49
793	17-Jul-11	16	4	$42.80	Yes	$44.57	$1.77
794	17-Jul-11	16	5	$44.58	Yes	$44.57	-$0.01
795	17-Jul-11	16	6	$49.87	Yes	$44.57	-$5.30
796	17-Jul-11	16	7	$49.95	Yes	$44.57	-$5.38
797	17-Jul-11	16	8	$50.32	Yes	$44.57	-$5.75
798	17-Jul-11	16	9	$43.03	Yes	$44.57	$1.54
799	17-Jul-11	16	10	$69.16	Yes	$44.57	-$24.59
800	17-Jul-11	16	11	$150.45	Yes	$44.57	-$105.88
801	17-Jul-11	16	12	$150.45	Yes	$44.57	-$105.88
802	17-Jul-11	17	1	$29.71	Yes	$44.57	$14.86
803	17-Jul-11	17	2	$23.08	Yes	$44.57	$21.49
804	17-Jul-11	17	3	$36.16	Yes	$44.57	$8.41
805	17-Jul-11	17	4	$35.65	Yes	$44.57	$8.92
806	17-Jul-11	17	5	$36.17	Yes	$44.57	$8.40

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
807	17-Jul-11	17	6	$36.19	Yes	$44.57	$8.38
808	17-Jul-11	17	7	$40.03	Yes	$44.57	$4.54
809	17-Jul-11	17	8	$43.62	Yes	$44.57	$0.95
810	17-Jul-11	17	9	$50.36	Yes	$44.57	-$5.79
811	17-Jul-11	17	10	$40.93	Yes	$44.57	$3.64
812	17-Jul-11	17	11	$43.25	Yes	$44.57	$1.32
813	17-Jul-11	17	12	$40.93	Yes	$44.57	$3.64
814	17-Jul-11	18	1	$41.01	Yes	$44.57	$3.56
815	17-Jul-11	18	2	$42.12	Yes	$44.57	$2.45
816	17-Jul-11	18	3	$43.55	Yes	$44.57	$1.02
817	17-Jul-11	18	4	$43.56	Yes	$44.57	$1.01
818	17-Jul-11	18	5	$90.41	Yes	$44.57	-$45.84
819	17-Jul-11	18	6	$51.75	Yes	$44.57	-$7.18
820	17-Jul-11	18	7	$51.74	Yes	$44.57	-$7.17
821	17-Jul-11	18	8	$44.29	Yes	$44.57	$0.28
822	17-Jul-11	18	9	$44.17	Yes	$44.57	$0.40
823	17-Jul-11	18	10	$51.81	Yes	$44.57	-$7.24
824	17-Jul-11	18	11	$44.94	Yes	$44.57	-$0.37
825	17-Jul-11	18	12	$42.13	Yes	$44.57	$2.44
826	17-Jul-11	19	1	$38.85	Yes	$44.57	$5.72
827	17-Jul-11	19	2	$38.85	Yes	$44.57	$5.72
828	17-Jul-11	19	3	$39.37	Yes	$44.57	$5.20
829	17-Jul-11	19	4	$41.06	Yes	$44.57	$3.51
830	17-Jul-11	19	5	$36.33	Yes	$44.57	$8.24
831	17-Jul-11	19	6	$36.29	Yes	$44.57	$8.28
832	17-Jul-11	19	7	$36.04	Yes	$44.57	$8.53
833	17-Jul-11	19	8	$36.03	Yes	$44.57	$8.54
834	17-Jul-11	19	9	$35.69	Yes	$44.57	$8.88
835	17-Jul-11	19	10	$35.95	Yes	$44.57	$8.62
836	17-Jul-11	19	11	$32.37	Yes	$44.57	$12.20
837	17-Jul-11	19	12	$35.95	Yes	$44.57	$8.62
838	17-Jul-11	20	1	$35.33	Yes	$44.57	$9.24
839	17-Jul-11	20	2	$32.37	Yes	$44.57	$12.20
840	17-Jul-11	20	3	$32.37	Yes	$44.57	$12.20
841	17-Jul-11	20	4	$29.99	Yes	$44.57	$14.58
842	17-Jul-11	20	5	$31.55	Yes	$44.57	$13.02
843	17-Jul-11	20	6	$29.99	Yes	$44.57	$14.58
844	17-Jul-11	20	7	$31.53	Yes	$44.57	$13.04
845	17-Jul-11	20	8	$35.74	Yes	$44.57	$8.83
846	17-Jul-11	20	9	$35.74	Yes	$44.57	$8.83
847	17-Jul-11	20	10	$35.68	Yes	$44.57	$8.89
848	17-Jul-11	20	11	$35.76	Yes	$44.57	$8.81
849	17-Jul-11	20	12	$32.40	Yes	$44.57	$12.17
850	17-Jul-11	21	1	$32.45	Yes	$44.57	$12.12
851	17-Jul-11	21	2	$35.81	Yes	$44.57	$8.76

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
852	17-Jul-11	21	3	$35.95	Yes	$44.57	$8.62
853	17-Jul-11	21	4	$36.12	Yes	$44.57	$8.45
854	17-Jul-11	21	5	$39.95	Yes	$44.57	$4.62
855	17-Jul-11	21	6	$39.95	Yes	$44.57	$4.62
856	17-Jul-11	21	7	$36.27	Yes	$44.57	$8.30
857	17-Jul-11	21	8	$36.29	Yes	$44.57	$8.28
858	17-Jul-11	21	9	$40.25	Yes	$44.57	$4.32
859	17-Jul-11	21	10	$39.51	Yes	$44.57	$5.06
860	17-Jul-11	21	11	$35.22	Yes	$44.57	$9.35
861	17-Jul-11	21	12	$35.22	Yes	$44.57	$9.35
862	17-Jul-11	22	1	$36.07	Yes	$44.57	$8.50
863	17-Jul-11	22	2	$36.07	Yes	$44.57	$8.50
864	17-Jul-11	22	3	$36.09	Yes	$44.57	$8.48
865	17-Jul-11	22	4	$40.10	Yes	$44.57	$4.47
866	17-Jul-11	22	5	$35.95	Yes	$44.57	$8.62
867	17-Jul-11	22	6	$35.95	Yes	$44.57	$8.62
868	17-Jul-11	22	7	$35.87	Yes	$44.57	$8.70
869	17-Jul-11	22	8	$34.51	Yes	$44.57	$10.06
870	17-Jul-11	22	9	$34.51	Yes	$44.57	$10.06
871	17-Jul-11	22	10	$27.56	Yes	$44.57	$17.01
872	17-Jul-11	22	11	$27.56	Yes	$44.57	$17.01
873	17-Jul-11	22	12	$27.56	Yes	$44.57	$17.01
874	17-Jul-11	23	1	$43.80	Yes	$44.57	$0.77
875	17-Jul-11	23	2	$43.80	Yes	$44.57	$0.77
876	17-Jul-11	23	3	$43.80	Yes	$44.57	$0.77
877	17-Jul-11	23	3	$43.80	Yes	$44.57	$0.77
878	17-Jul-11	23	4	$43.80	Yes	$44.57	$0.77
879	17-Jul-11	23	4	$43.80	Yes	$44.57	$0.77
880	17-Jul-11	23	5	$43.80	Yes	$44.57	$0.77
881	17-Jul-11	23	5	$43.80	Yes	$44.57	$0.77
882	17-Jul-11	23	6	$43.80	Yes	$44.57	$0.77
883	17-Jul-11	23	7	$43.56	Yes	$44.57	$1.01
884	17-Jul-11	23	8	$38.38	Yes	$44.57	$6.19
885	17-Jul-11	23	9	$34.84	Yes	$44.57	$9.73
886	17-Jul-11	23	10	$0.00	Yes	$44.57	$44.57
887	17-Jul-11	23	11	$50.62	Yes	$44.57	-$6.05
888	17-Jul-11	23	12	$38.04	Yes	$44.57	$6.53
889	17-Jul-11	24	1	$30.03	Yes	$44.57	$14.54
890	17-Jul-11	24	2	$0.17	Yes	$44.57	$44.40
891	17-Jul-11	24	3	$30.03	Yes	$44.57	$14.54
892	17-Jul-11	24	4	-$1.01	Yes	$44.57	$45.58
893	17-Jul-11	24	5	-$0.04	Yes	$44.57	$44.61
894	17-Jul-11	24	6	$31.28	Yes	$44.57	$13.29
895	17-Jul-11	24	7	$0.01	Yes	$44.57	$44.56
896	17-Jul-11	24	8	-$3.23	Yes	$44.57	$47.80

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
897	17-Jul-11	24	9	-$5.35	Yes	$44.57	$49.92
898	17-Jul-11	24	10	-$29.49	Yes	$44.57	$74.06
899	17-Jul-11	24	11	-$30.24	Yes	$44.57	$74.81
900	17-Jul-11	24	12	-$29.70	Yes	$44.57	$74.27
901	18-Jul-11	9	1	-$30.48	Yes	$44.57	$75.05
902	18-Jul-11	9	2	-$21.99	Yes	$44.57	$66.56
903	18-Jul-11	9	3	-$0.04	Yes	$44.57	$44.61
904	18-Jul-11	9	4	$0.01	Yes	$44.57	$44.56
905	18-Jul-11	9	5	$26.02	Yes	$44.57	$18.55
906	18-Jul-11	9	6	$27.92	Yes	$44.57	$16.65
907	18-Jul-11	9	7	$34.42	Yes	$44.57	$10.15
908	18-Jul-11	9	8	$35.10	Yes	$44.57	$9.47
909	18-Jul-11	9	9	$36.12	Yes	$44.57	$8.45
910	18-Jul-11	9	10	$36.00	Yes	$44.57	$8.57
911	18-Jul-11	9	11	$36.50	Yes	$44.57	$8.07
912	18-Jul-11	9	12	$36.50	Yes	$44.57	$8.07
913	18-Jul-11	10	1	$0.01	Yes	$44.57	$44.56
914	18-Jul-11	10	2	$15.50	Yes	$44.57	$29.07
915	18-Jul-11	10	3	$28.05	Yes	$44.57	$16.52
916	18-Jul-11	10	4	$31.30	Yes	$44.57	$13.27
917	18-Jul-11	10	5	$31.45	Yes	$44.57	$13.12
918	18-Jul-11	10	6	$32.55	Yes	$44.57	$12.02
919	18-Jul-11	10	7	$32.56	Yes	$44.57	$12.01
920	18-Jul-11	10	8	$32.82	Yes	$44.57	$11.75
921	18-Jul-11	10	9	$34.56	Yes	$44.57	$10.01
922	18-Jul-11	10	10	$36.55	Yes	$44.57	$8.02
923	18-Jul-11	10	11	$36.55	Yes	$44.57	$8.02
924	18-Jul-11	10	12	$36.55	Yes	$44.57	$8.02
925	18-Jul-11	11	1	$24.62	Yes	$44.57	$19.95
926	18-Jul-11	11	2	$28.09	Yes	$44.57	$16.48
927	18-Jul-11	11	3	$30.17	Yes	$44.57	$14.40
928	18-Jul-11	11	4	$31.63	Yes	$44.57	$12.94
929	18-Jul-11	11	5	$31.91	Yes	$44.57	$12.66
930	18-Jul-11	11	6	$32.70	Yes	$44.57	$11.87
931	18-Jul-11	11	7	$31.86	Yes	$44.57	$12.71
932	18-Jul-11	11	8	$31.65	Yes	$44.57	$12.92
933	18-Jul-11	11	9	$31.95	Yes	$44.57	$12.62
934	18-Jul-11	11	10	$32.80	Yes	$44.57	$11.77
935	18-Jul-11	11	11	$32.80	Yes	$44.57	$11.77
936	18-Jul-11	11	12	$34.92	Yes	$44.57	$9.65
937	18-Jul-11	12	1	$30.42	Yes	$44.57	$14.15
938	18-Jul-11	12	2	$32.28	Yes	$44.57	$12.29
939	18-Jul-11	12	3	$32.82	Yes	$44.57	$11.75
940	18-Jul-11	12	4	$30.78	Yes	$44.57	$13.79
941	18-Jul-11	12	5	$32.00	Yes	$44.57	$12.57

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
942	18-Jul-11	12	6	$32.76	Yes	$44.57	$11.81
943	18-Jul-11	12	7	$33.34	Yes	$44.57	$11.23
944	18-Jul-11	12	8	$32.95	Yes	$44.57	$11.62
945	18-Jul-11	12	9	$33.34	Yes	$44.57	$11.23
946	18-Jul-11	12	10	$32.78	Yes	$44.57	$11.79
947	18-Jul-11	12	11	$33.99	Yes	$44.57	$10.58
948	18-Jul-11	12	12	$35.51	Yes	$44.57	$9.06
949	18-Jul-11	13	1	$29.35	Yes	$44.57	$15.22
950	18-Jul-11	13	2	$31.94	Yes	$44.57	$12.63
951	18-Jul-11	13	3	$32.68	Yes	$44.57	$11.89
952	18-Jul-11	13	4	$33.81	Yes	$44.57	$10.76
953	18-Jul-11	13	5	$34.44	Yes	$44.57	$10.14
954	18-Jul-11	13	6	$35.82	Yes	$44.57	$8.75
955	18-Jul-11	13	7	$35.50	Yes	$44.57	$9.07
956	18-Jul-11	13	8	$36.45	Yes	$44.57	$8.12
957	18-Jul-11	13	9	$36.87	Yes	$44.57	$7.70
958	18-Jul-11	13	10	$41.89	Yes	$44.57	$2.68
959	18-Jul-11	13	11	$43.20	Yes	$44.57	$1.37
960	18-Jul-11	13	12	$44.04	Yes	$44.57	$0.53
961	18-Jul-11	14	1	$36.46	Yes	$44.57	$8.11
962	18-Jul-11	14	2	$37.18	Yes	$44.57	$7.39
963	18-Jul-11	14	3	$42.78	Yes	$44.57	$1.79
964	18-Jul-11	14	4	$43.19	Yes	$44.57	$1.38
965	18-Jul-11	14	5	$43.19	Yes	$44.57	$1.38
966	18-Jul-11	14	6	$42.97	Yes	$44.57	$1.60
967	18-Jul-11	14	7	$47.46	Yes	$44.57	-$2.89
968	18-Jul-11	14	8	$47.46	Yes	$44.57	-$2.89
969	18-Jul-11	14	9	$47.46	Yes	$44.57	-$2.89
970	18-Jul-11	14	10	$47.13	Yes	$44.57	-$2.56
971	18-Jul-11	14	11	$52.77	Yes	$44.57	-$8.20
972	18-Jul-11	14	12	$50.13	Yes	$44.57	-$5.56
973	18-Jul-11	15	1	$47.05	Yes	$44.57	-$2.48
974	18-Jul-11	15	2	$47.05	Yes	$44.57	-$2.48
975	18-Jul-11	15	3	$44.62	Yes	$44.57	-$0.05
976	18-Jul-11	15	4	$47.42	Yes	$44.57	-$2.85
977	18-Jul-11	15	5	$47.42	Yes	$44.57	-$2.85
978	18-Jul-11	15	6	$47.42	Yes	$44.57	-$2.85
979	18-Jul-11	15	7	$48.09	Yes	$44.57	-$3.52
980	18-Jul-11	15	8	$51.89	Yes	$44.57	-$7.32
981	18-Jul-11	15	9	$50.29	Yes	$44.57	-$5.72
982	18-Jul-11	15	10	$52.45	Yes	$44.57	-$7.88
983	18-Jul-11	15	11	$52.45	Yes	$44.57	-$7.88
984	18-Jul-11	15	12	$52.13	Yes	$44.57	-$7.56
985	18-Jul-11	16	1	$53.27	Yes	$44.57	-$8.70
986	18-Jul-11	16	2	$51.96	Yes	$44.57	-$7.39

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
987	18-Jul-11	16	3	$52.38	Yes	$44.57	-$7.81
988	18-Jul-11	16	4	$48.12	Yes	$44.57	-$3.55
989	18-Jul-11	16	4	$48.12	Yes	$44.57	-$3.55
990	18-Jul-11	16	5	$66.17	Yes	$44.57	-$21.60
991	18-Jul-11	16	5	$66.17	Yes	$44.57	-$21.60
992	18-Jul-11	16	6	$49.38	Yes	$44.57	-$4.81
993	18-Jul-11	16	6	$49.38	Yes	$44.57	-$4.81
994	18-Jul-11	16	7	$44.68	Yes	$44.57	-$0.11
995	18-Jul-11	16	7	$44.68	Yes	$44.57	-$0.11
996	18-Jul-11	16	8	$52.27	Yes	$44.57	-$7.70
997	18-Jul-11	16	8	$52.27	Yes	$44.57	-$7.70
998	18-Jul-11	16	9	$49.40	Yes	$44.57	-$4.83
999	18-Jul-11	16	9	$49.40	Yes	$44.57	-$4.83
1000	18-Jul-11	16	10	$53.07	Yes	$44.57	-$8.50
1001	18-Jul-11	16	10	$53.07	Yes	$44.57	-$8.50
1002	18-Jul-11	16	11	$53.28	Yes	$44.57	-$8.71
1003	18-Jul-11	16	11	$53.28	Yes	$44.57	-$8.71
1004	18-Jul-11	16	12	$49.20	Yes	$44.57	-$4.63
1005	18-Jul-11	16	12	$49.20	Yes	$44.57	-$4.63
1006	18-Jul-11	17	1	$52.23	Yes	$44.57	-$7.66
1007	18-Jul-11	17	1	$52.23	Yes	$44.57	-$7.66
1008	18-Jul-11	17	2	$321.65	Yes	$44.57	-$277.08
1009	18-Jul-11	17	2	$321.65	Yes	$44.57	-$277.08
1010	18-Jul-11	17	3	$53.69	Yes	$44.57	-$9.12
1011	18-Jul-11	17	3	$53.69	Yes	$44.57	-$9.12
1012	18-Jul-11	17	4	$57.36	Yes	$44.57	-$12.79
1013	18-Jul-11	17	4	$57.36	Yes	$44.57	-$12.79
1014	18-Jul-11	17	5	$55.69	Yes	$44.57	-$11.12
1015	18-Jul-11	17	5	$55.69	Yes	$44.57	-$11.12
1016	18-Jul-11	17	6	$48.69	Yes	$44.57	-$4.12
1017	18-Jul-11	17	6	$48.69	Yes	$44.57	-$4.12
1018	18-Jul-11	17	7	$47.32	Yes	$44.57	-$2.75
1019	18-Jul-11	17	7	$47.32	Yes	$44.57	-$2.75
1020	18-Jul-11	17	8	$47.32	Yes	$44.57	-$2.75
1021	18-Jul-11	17	8	$47.32	Yes	$44.57	-$2.75
1022	18-Jul-11	17	9	$47.94	Yes	$44.57	-$3.37
1023	18-Jul-11	17	9	$47.94	Yes	$44.57	-$3.37
1024	18-Jul-11	17	10	$51.37	Yes	$44.57	-$6.80
1025	18-Jul-11	17	10	$51.37	Yes	$44.57	-$6.80
1026	18-Jul-11	17	11	$45.22	Yes	$44.57	-$0.65
1027	18-Jul-11	17	11	$45.22	Yes	$44.57	-$0.65
1028	18-Jul-11	17	12	$44.09	Yes	$44.57	$0.48
1029	18-Jul-11	17	12	$44.09	Yes	$44.57	$0.48
1030	18-Jul-11	18	1	$45.90	Yes	$44.57	-$1.33
1031	18-Jul-11	18	1	$45.90	Yes	$44.57	-$1.33

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1032	18-Jul-11	18	2	$43.10	Yes	$44.57	$1.47
1033	18-Jul-11	18	2	$43.10	Yes	$44.57	$1.47
1034	18-Jul-11	18	3	$41.61	Yes	$44.57	$2.96
1035	18-Jul-11	18	3	$41.61	Yes	$44.57	$2.96
1036	18-Jul-11	18	4	$43.10	Yes	$44.57	$1.47
1037	18-Jul-11	18	4	$43.10	Yes	$44.57	$1.47
1038	18-Jul-11	18	5	$42.15	Yes	$44.57	$2.42
1039	18-Jul-11	18	5	$42.15	Yes	$44.57	$2.42
1040	18-Jul-11	18	6	$43.14	Yes	$44.57	$1.43
1041	18-Jul-11	18	6	$43.14	Yes	$44.57	$1.43
1042	18-Jul-11	18	7	$44.20	Yes	$44.57	$0.37
1043	18-Jul-11	18	7	$44.20	Yes	$44.57	$0.37
1044	18-Jul-11	18	8	$36.18	Yes	$44.57	$8.39
1045	18-Jul-11	18	8	$36.18	Yes	$44.57	$8.39
1046	18-Jul-11	18	9	$43.49	Yes	$44.57	$1.08
1047	18-Jul-11	18	9	$43.49	Yes	$44.57	$1.08
1048	18-Jul-11	18	10	$31.99	Yes	$44.57	$12.58
1049	18-Jul-11	18	10	$31.99	Yes	$44.57	$12.58
1050	18-Jul-11	18	11	$32.13	Yes	$44.57	$12.44
1051	18-Jul-11	18	11	$32.13	Yes	$44.57	$12.44
1052	18-Jul-11	18	12	$30.53	Yes	$44.57	$14.04
1053	18-Jul-11	18	12	$30.53	Yes	$44.57	$14.04
1054	18-Jul-11	19	1	$43.43	Yes	$44.57	$1.14
1055	18-Jul-11	19	1	$43.43	Yes	$44.57	$1.14
1056	18-Jul-11	19	2	$42.05	Yes	$44.57	$2.52
1057	18-Jul-11	19	2	$42.05	Yes	$44.57	$2.52
1058	18-Jul-11	19	3	$34.68	Yes	$44.57	$9.89
1059	18-Jul-11	19	3	$34.68	Yes	$44.57	$9.89
1060	18-Jul-11	19	4	$34.47	Yes	$44.57	$10.10
1061	18-Jul-11	19	4	$34.47	Yes	$44.57	$10.10
1062	18-Jul-11	19	5	$34.47	Yes	$44.57	$10.10
1063	18-Jul-11	19	5	$34.47	Yes	$44.57	$10.10
1064	18-Jul-11	19	6	$34.47	Yes	$44.57	$10.10
1065	18-Jul-11	19	6	$34.47	Yes	$44.57	$10.10
1066	18-Jul-11	19	7	$34.45	Yes	$44.57	$10.12
1067	18-Jul-11	19	7	$34.45	Yes	$44.57	$10.12
1068	18-Jul-11	19	8	$34.45	Yes	$44.57	$10.12
1069	18-Jul-11	19	8	$34.45	Yes	$44.57	$10.12
1070	18-Jul-11	19	9	$32.50	Yes	$44.57	$12.07
1071	18-Jul-11	19	9	$32.50	Yes	$44.57	$12.07
1072	18-Jul-11	19	10	$33.27	Yes	$44.57	$11.30
1073	18-Jul-11	19	10	$33.27	Yes	$44.57	$11.30
1074	18-Jul-11	19	11	$29.80	Yes	$44.57	$14.77
1075	18-Jul-11	19	11	$29.80	Yes	$44.57	$14.77
1076	18-Jul-11	19	12	$27.17	Yes	$44.57	$17.40

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1077	18-Jul-11	19	12	$27.17	Yes	$44.57	$17.40
1078	18-Jul-11	20	1	$33.01	Yes	$44.57	$11.56
1079	18-Jul-11	20	1	$33.01	Yes	$44.57	$11.56
1080	18-Jul-11	20	2	$31.97	Yes	$44.57	$12.60
1081	18-Jul-11	20	2	$31.97	Yes	$44.57	$12.60
1082	18-Jul-11	20	3	$28.21	Yes	$44.57	$16.36
1083	18-Jul-11	20	3	$28.21	Yes	$44.57	$16.36
1084	18-Jul-11	20	4	$29.70	Yes	$44.57	$14.87
1085	18-Jul-11	20	4	$29.70	Yes	$44.57	$14.87
1086	18-Jul-11	20	5	$30.09	Yes	$44.57	$14.48
1087	18-Jul-11	20	5	$30.09	Yes	$44.57	$14.48
1088	18-Jul-11	20	6	$30.09	Yes	$44.57	$14.48
1089	18-Jul-11	20	6	$30.09	Yes	$44.57	$14.48
1090	18-Jul-11	20	7	$31.14	Yes	$44.57	$13.43
1091	18-Jul-11	20	7	$31.14	Yes	$44.57	$13.43
1092	18-Jul-11	20	8	$30.04	Yes	$44.57	$14.53
1093	18-Jul-11	20	8	$30.04	Yes	$44.57	$14.53
1094	18-Jul-11	20	9	$29.16	Yes	$44.57	$15.41
1095	18-Jul-11	20	9	$29.16	Yes	$44.57	$15.41
1096	18-Jul-11	20	10	$29.12	Yes	$44.57	$15.45
1097	18-Jul-11	20	10	$29.12	Yes	$44.57	$15.45
1098	18-Jul-11	20	11	$29.12	Yes	$44.57	$15.45
1099	18-Jul-11	20	11	$29.12	Yes	$44.57	$15.45
1100	18-Jul-11	20	12	$29.88	Yes	$44.57	$14.69
1101	18-Jul-11	20	12	$29.88	Yes	$44.57	$14.69
1102	18-Jul-11	21	1	$27.83	Yes	$44.57	$16.74
1103	18-Jul-11	21	2	$25.11	Yes	$44.57	$19.46
1104	18-Jul-11	21	3	$25.70	Yes	$44.57	$18.87
1105	18-Jul-11	21	4	$32.51	Yes	$44.57	$12.06
1106	18-Jul-11	21	5	$32.51	Yes	$44.57	$12.06
1107	18-Jul-11	21	6	$32.51	Yes	$44.57	$12.06
1108	18-Jul-11	21	7	$32.51	Yes	$44.57	$12.06
1109	18-Jul-11	21	8	$32.51	Yes	$44.57	$12.06
1110	18-Jul-11	21	9	$32.51	Yes	$44.57	$12.06
1111	18-Jul-11	21	10	$30.10	Yes	$44.57	$14.47
1112	18-Jul-11	21	11	$30.10	Yes	$44.57	$14.47
1113	18-Jul-11	21	12	$26.78	Yes	$44.57	$17.79
1114	18-Jul-11	22	1	$31.73	Yes	$44.57	$12.84
1115	18-Jul-11	22	2	$32.50	Yes	$44.57	$12.07
1116	18-Jul-11	22	3	$32.50	Yes	$44.57	$12.07
1117	18-Jul-11	22	4	$31.66	Yes	$44.57	$12.91
1118	18-Jul-11	22	5	$30.69	Yes	$44.57	$13.88
1119	18-Jul-11	22	6	$28.34	Yes	$44.57	$16.23
1120	18-Jul-11	22	7	$26.53	Yes	$44.57	$18.04
1121	18-Jul-11	22	8	$24.21	Yes	$44.57	$20.36

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1122	18-Jul-11	22	9	$25.48	Yes	$44.57	$19.09
1123	18-Jul-11	22	10	$21.05	Yes	$44.57	$23.52
1124	18-Jul-11	22	11	$21.05	Yes	$44.57	$23.52
1125	18-Jul-11	22	12	$17.33	Yes	$44.57	$27.24
1126	18-Jul-11	23	1	$27.99	Yes	$44.57	$16.58
1127	18-Jul-11	23	2	$36.38	Yes	$44.57	$8.19
1128	18-Jul-11	23	3	$32.51	Yes	$44.57	$12.06
1129	18-Jul-11	23	4	$32.59	Yes	$44.57	$11.98
1130	18-Jul-11	23	5	$31.65	Yes	$44.57	$12.92
1131	18-Jul-11	23	6	$32.41	Yes	$44.57	$12.16
1132	18-Jul-11	23	7	$32.39	Yes	$44.57	$12.18
1133	18-Jul-11	23	8	$32.06	Yes	$44.57	$12.51
1134	18-Jul-11	23	9	$32.39	Yes	$44.57	$12.18
1135	18-Jul-11	23	10	$29.88	Yes	$44.57	$14.69
1136	18-Jul-11	23	11	$0.01	Yes	$44.57	$44.56
1137	18-Jul-11	23	12	$0.01	Yes	$44.57	$44.56
1138	18-Jul-11	24	1	$29.97	Yes	$44.82	$14.85
1139	18-Jul-11	24	2	$35.76	Yes	$44.82	$9.06
1140	18-Jul-11	24	3	$37.23	Yes	$44.82	$7.59
1141	18-Jul-11	24	4	$0.01	Yes	$44.82	$44.81
1142	18-Jul-11	24	5	$28.00	Yes	$44.82	$16.82
1143	18-Jul-11	24	6	$35.48	Yes	$44.82	$9.34
1144	18-Jul-11	24	7	$0.01	Yes	$44.82	$44.81
1145	18-Jul-11	24	8	$38.64	Yes	$44.82	$6.18
1146	18-Jul-11	24	9	$36.22	Yes	$44.82	$8.60
1147	18-Jul-11	24	10	$26.65	Yes	$44.82	$18.17
1148	18-Jul-11	24	11	$35.40	Yes	$44.82	$9.42
1149	18-Jul-11	24	12	$17.15	Yes	$44.82	$27.67
1150	19-Jul-11	1	1	$31.13	Yes	$44.82	$13.69
1151	19-Jul-11	1	2	$43.23	Yes	$44.82	$1.59
1152	19-Jul-11	1	3	$55.00	Yes	$44.82	-$10.18
1153	19-Jul-11	1	4	$49.85	Yes	$44.82	-$5.03
1154	19-Jul-11	1	5	$38.41	Yes	$44.82	$6.41
1155	19-Jul-11	1	6	$38.02	Yes	$44.82	$6.80
1156	19-Jul-11	1	7	$37.59	Yes	$44.82	$7.23
1157	19-Jul-11	1	8	$37.52	Yes	$44.82	$7.30
1158	19-Jul-11	1	9	$37.54	Yes	$44.82	$7.28
1159	19-Jul-11	1	10	$30.15	Yes	$44.82	$14.67
1160	19-Jul-11	1	11	$36.65	Yes	$44.82	$8.17
1161	19-Jul-11	1	12	$36.65	Yes	$44.82	$8.17
1162	19-Jul-11	2	1	$30.05	Yes	$44.82	$14.77
1163	19-Jul-11	2	2	$30.05	Yes	$44.82	$14.77
1164	19-Jul-11	2	3	$36.64	Yes	$44.82	$8.18
1165	19-Jul-11	2	4	$34.79	Yes	$44.82	$10.03
1166	19-Jul-11	2	5	$38.45	Yes	$44.82	$6.37

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1167	19-Jul-11	2	6	$36.62	Yes	$44.82	$8.20
1168	19-Jul-11	2	7	$38.38	Yes	$44.82	$6.44
1169	19-Jul-11	2	8	$38.38	Yes	$44.82	$6.44
1170	19-Jul-11	2	9	$30.12	Yes	$44.82	$14.70
1171	19-Jul-11	2	10	-$0.01	Yes	$44.82	$44.83
1172	19-Jul-11	2	11	-$0.01	Yes	$44.82	$44.83
1173	19-Jul-11	2	12	-$0.01	Yes	$44.82	$44.83
1174	19-Jul-11	3	1	$30.41	Yes	$44.82	$14.41
1175	19-Jul-11	3	2	$38.47	Yes	$44.82	$6.35
1176	19-Jul-11	3	3	$38.47	Yes	$44.82	$6.35
1177	19-Jul-11	3	4	$38.47	Yes	$44.82	$6.35
1178	19-Jul-11	3	5	$36.73	Yes	$44.82	$8.09
1179	19-Jul-11	3	6	$38.32	Yes	$44.82	$6.50
1180	19-Jul-11	3	7	$36.69	Yes	$44.82	$8.13
1181	19-Jul-11	3	8	$12.02	Yes	$44.82	$32.80
1182	19-Jul-11	3	9	$36.69	Yes	$44.82	$8.13
1183	19-Jul-11	3	10	$36.68	Yes	$44.82	$8.14
1184	19-Jul-11	3	11	$26.20	Yes	$44.82	$18.62
1185	19-Jul-11	3	12	$40.08	Yes	$44.82	$4.74
1186	19-Jul-11	4	1	$46.11	Yes	$44.82	-$1.29
1187	19-Jul-11	4	2	$54.85	Yes	$44.82	-$10.03
1188	19-Jul-11	4	3	$54.21	Yes	$44.82	-$9.39
1189	19-Jul-11	4	4	$50.76	Yes	$44.82	-$5.94
1190	19-Jul-11	4	5	$46.20	Yes	$44.82	-$1.38
1191	19-Jul-11	4	6	$40.06	Yes	$44.82	$4.76
1192	19-Jul-11	4	7	$44.82	Yes	$44.82	$0.00
1193	19-Jul-11	4	8	$46.16	Yes	$44.82	-$1.34
1194	19-Jul-11	4	9	$50.72	Yes	$44.82	-$5.90
1195	19-Jul-11	4	10	$50.87	Yes	$44.82	-$6.05
1196	19-Jul-11	4	11	$51.96	Yes	$44.82	-$7.14
1197	19-Jul-11	4	12	-$0.01	Yes	$44.82	$44.83
1198	19-Jul-11	5	1	-$0.01	Yes	$44.82	$44.83
1199	19-Jul-11	5	2	-$10.96	Yes	$44.82	$55.78
1200	19-Jul-11	5	3	-$21.43	Yes	$44.82	$66.25
1201	19-Jul-11	5	4	-$11.15	Yes	$44.82	$55.97
1202	19-Jul-11	5	5	-$3.31	Yes	$44.82	$48.13
1203	19-Jul-11	5	6	-$0.04	Yes	$44.82	$44.86
1204	19-Jul-11	5	7	-$0.04	Yes	$44.82	$44.86
1205	19-Jul-11	5	8	-$0.04	Yes	$44.82	$44.86
1206	19-Jul-11	5	9	$4.69	Yes	$44.82	$40.13
1207	19-Jul-11	5	10	$38.35	Yes	$44.82	$6.47
1208	19-Jul-11	5	11	$36.75	Yes	$44.82	$8.07
1209	19-Jul-11	5	12	$51.98	Yes	$44.82	-$7.16
1210	19-Jul-11	6	1	-$3.27	Yes	$44.82	$48.09
1211	19-Jul-11	6	2	-$11.01	Yes	$44.82	$55.83

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1212	19-Jul-11	6	3	-$3.27	Yes	$44.82	$48.09
1213	19-Jul-11	6	4	-$3.28	Yes	$44.82	$48.10
1214	19-Jul-11	6	5	-$0.04	Yes	$44.82	$44.86
1215	19-Jul-11	6	6	$38.38	Yes	$44.82	$6.44
1216	19-Jul-11	6	7	$36.77	Yes	$44.82	$8.05
1217	19-Jul-11	6	8	$38.34	Yes	$44.82	$6.48
1218	19-Jul-11	6	9	$38.34	Yes	$44.82	$6.48
1219	19-Jul-11	6	10	$64.01	Yes	$44.82	-$19.19
1220	19-Jul-11	6	11	$51.97	Yes	$44.82	-$7.15
1221	19-Jul-11	6	12	$52.01	Yes	$44.82	-$7.19
1222	19-Jul-11	7	1	-$3.28	Yes	$44.82	$48.10
1223	19-Jul-11	7	2	-$3.28	Yes	$44.82	$48.10
1224	19-Jul-11	7	3	-$0.01	Yes	$44.82	$44.83
1225	19-Jul-11	7	4	-$0.01	Yes	$44.82	$44.83
1226	19-Jul-11	7	5	$35.02	Yes	$44.82	$9.80
1227	19-Jul-11	7	6	$46.13	Yes	$44.82	-$1.31
1228	19-Jul-11	7	7	$29.32	Yes	$44.82	$15.50
1229	19-Jul-11	7	8	$36.81	Yes	$44.82	$8.01
1230	19-Jul-11	7	9	$44.66	Yes	$44.82	$0.16
1231	19-Jul-11	7	10	$29.30	Yes	$44.82	$15.52
1232	19-Jul-11	7	11	$37.88	Yes	$44.82	$6.94
1233	19-Jul-11	7	12	-$0.01	Yes	$44.82	$44.83
1234	19-Jul-11	8	1	-$0.01	Yes	$44.82	$44.83
1235	19-Jul-11	8	2	-$3.27	Yes	$44.82	$48.09
1236	19-Jul-11	8	3	-$3.27	Yes	$44.82	$48.09
1237	19-Jul-11	8	4	-$0.01	Yes	$44.82	$44.83
1238	19-Jul-11	8	5	$35.84	Yes	$44.82	$8.98
1239	19-Jul-11	8	6	$37.23	Yes	$44.82	$7.59
1240	19-Jul-11	8	7	$36.97	Yes	$44.82	$7.85
1241	19-Jul-11	8	8	$35.83	Yes	$44.82	$8.99
1242	19-Jul-11	8	9	$36.29	Yes	$44.82	$8.53
1243	19-Jul-11	8	10	$38.93	Yes	$44.82	$5.89
1244	19-Jul-11	8	11	$38.93	Yes	$44.82	$5.89
1245	19-Jul-11	8	12	$51.02	Yes	$44.82	-$6.20
1246	19-Jul-11	9	1	$0.01	Yes	$44.82	$44.81
1247	19-Jul-11	9	2	$36.23	Yes	$44.82	$8.59
1248	19-Jul-11	9	3	$34.29	Yes	$44.82	$10.53
1249	19-Jul-11	9	4	$34.29	Yes	$44.82	$10.53
1250	19-Jul-11	9	5	$37.77	Yes	$44.82	$7.05
1251	19-Jul-11	9	6	$38.05	Yes	$44.82	$6.77
1252	19-Jul-11	9	7	$37.85	Yes	$44.82	$6.97
1253	19-Jul-11	9	8	$38.04	Yes	$44.82	$6.78
1254	19-Jul-11	9	8	$38.04	Yes	$44.82	$6.78
1255	19-Jul-11	9	9	$52.83	Yes	$44.82	-$8.01
1256	19-Jul-11	9	9	$52.83	Yes	$44.82	-$8.01

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1257	19-Jul-11	9	10	$37.92	Yes	$44.82	$6.90
1258	19-Jul-11	9	10	$37.92	Yes	$44.82	$6.90
1259	19-Jul-11	9	11	$62.16	Yes	$44.82	-$17.34
1260	19-Jul-11	9	11	$62.16	Yes	$44.82	-$17.34
1261	19-Jul-11	9	12	$4.70	Yes	$44.82	$40.12
1262	19-Jul-11	9	12	$4.70	Yes	$44.82	$40.12
1263	19-Jul-11	10	1	$19.58	Yes	$44.82	$25.24
1264	19-Jul-11	10	2	$21.35	Yes	$44.82	$23.47
1265	19-Jul-11	10	3	$25.56	Yes	$44.82	$19.26
1266	19-Jul-11	10	4	$29.76	Yes	$44.82	$15.06
1267	19-Jul-11	10	5	$36.39	Yes	$44.82	$8.43
1268	19-Jul-11	10	6	$39.60	Yes	$44.82	$5.22
1269	19-Jul-11	10	7	$46.02	Yes	$44.82	-$1.20
1270	19-Jul-11	10	8	$46.02	Yes	$44.82	-$1.20
1271	19-Jul-11	10	9	$50.86	Yes	$44.82	-$6.04
1272	19-Jul-11	10	10	$45.98	Yes	$44.82	-$1.16
1273	19-Jul-11	10	11	$44.64	Yes	$44.82	$0.18
1274	19-Jul-11	10	12	$33.31	Yes	$44.82	$11.51
1275	19-Jul-11	11	1	$24.98	Yes	$44.82	$19.84
1276	19-Jul-11	11	2	$27.08	Yes	$44.82	$17.74
1277	19-Jul-11	11	3	$33.66	Yes	$44.82	$11.16
1278	19-Jul-11	11	4	$32.27	Yes	$44.82	$12.55
1279	19-Jul-11	11	5	$32.27	Yes	$44.82	$12.55
1280	19-Jul-11	11	6	$37.68	Yes	$44.82	$7.14
1281	19-Jul-11	11	7	$35.63	Yes	$44.82	$9.19
1282	19-Jul-11	11	8	$36.39	Yes	$44.82	$8.43
1283	19-Jul-11	11	9	$37.23	Yes	$44.82	$7.59
1284	19-Jul-11	11	10	$37.45	Yes	$44.82	$7.37
1285	19-Jul-11	11	11	$37.89	Yes	$44.82	$6.93
1286	19-Jul-11	11	12	$42.00	Yes	$44.82	$2.82
1287	19-Jul-11	12	1	$37.83	Yes	$44.82	$6.99
1288	19-Jul-11	12	2	$43.56	Yes	$44.82	$1.26
1289	19-Jul-11	12	3	$39.14	Yes	$44.82	$5.68
1290	19-Jul-11	12	4	$40.37	Yes	$44.82	$4.45
1291	19-Jul-11	12	5	$41.57	Yes	$44.82	$3.25
1292	19-Jul-11	12	6	$40.37	Yes	$44.82	$4.45
1293	19-Jul-11	12	7	$40.41	Yes	$44.82	$4.41
1294	19-Jul-11	12	8	$40.41	Yes	$44.82	$4.41
1295	19-Jul-11	12	9	$40.41	Yes	$44.82	$4.41
1296	19-Jul-11	12	10	$41.74	Yes	$44.82	$3.08
1297	19-Jul-11	12	11	$42.68	Yes	$44.82	$2.14
1298	19-Jul-11	12	12	$44.82	Yes	$44.82	$0.00
1299	19-Jul-11	13	1	$42.52	Yes	$44.82	$2.30
1300	19-Jul-11	13	2	$42.52	Yes	$44.82	$2.30
1301	19-Jul-11	13	3	$42.52	Yes	$44.82	$2.30

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1302	19-Jul-11	13	4	$48.54	Yes	$44.82	-$3.72
1303	19-Jul-11	13	5	$47.75	Yes	$44.82	-$2.93
1304	19-Jul-11	13	6	$45.61	Yes	$44.82	-$0.79
1305	19-Jul-11	13	7	$45.55	Yes	$44.82	-$0.73
1306	19-Jul-11	13	8	$46.44	Yes	$44.82	-$1.62
1307	19-Jul-11	13	9	$45.55	Yes	$44.82	-$0.73
1308	19-Jul-11	13	10	$45.08	Yes	$44.82	-$0.26
1309	19-Jul-11	13	11	$45.45	Yes	$44.82	-$0.63
1310	19-Jul-11	13	12	$45.45	Yes	$44.82	-$0.63
1311	19-Jul-11	14	1	$42.49	Yes	$44.82	$2.33
1312	19-Jul-11	14	2	$42.49	Yes	$44.82	$2.33
1313	19-Jul-11	14	3	$45.65	Yes	$44.82	-$0.83
1314	19-Jul-11	14	4	$45.58	Yes	$44.82	-$0.76
1315	19-Jul-11	14	5	$45.58	Yes	$44.82	-$0.76
1316	19-Jul-11	14	6	$45.58	Yes	$44.82	-$0.76
1317	19-Jul-11	14	7	$45.51	Yes	$44.82	-$0.69
1318	19-Jul-11	14	8	$45.57	Yes	$44.82	-$0.75
1319	19-Jul-11	14	9	$45.57	Yes	$44.82	-$0.75
1320	19-Jul-11	14	10	$46.31	Yes	$44.82	-$1.49
1321	19-Jul-11	14	11	$48.50	Yes	$44.82	-$3.68
1322	19-Jul-11	14	12	$49.41	Yes	$44.82	-$4.59
1323	19-Jul-11	15	1	$44.52	Yes	$44.82	$0.30
1324	19-Jul-11	15	2	$48.37	Yes	$44.82	-$3.55
1325	19-Jul-11	15	3	$48.37	Yes	$44.82	-$3.55
1326	19-Jul-11	15	4	$46.15	Yes	$44.82	-$1.33
1327	19-Jul-11	15	5	$46.69	Yes	$44.82	-$1.87
1328	19-Jul-11	15	6	$47.83	Yes	$44.82	-$3.01
1329	19-Jul-11	15	7	$46.74	Yes	$44.82	-$1.92
1330	19-Jul-11	15	8	$54.89	Yes	$44.82	-$10.07
1331	19-Jul-11	15	9	$54.10	Yes	$44.82	-$9.28
1332	19-Jul-11	15	10	$45.06	Yes	$44.82	-$0.24
1333	19-Jul-11	15	11	$46.19	Yes	$44.82	-$1.37
1334	19-Jul-11	15	12	$46.19	Yes	$44.82	-$1.37
1335	19-Jul-11	16	1	$45.81	Yes	$44.82	-$0.99
1336	19-Jul-11	16	2	$50.42	Yes	$44.82	-$5.60
1337	19-Jul-11	16	3	$51.78	Yes	$44.82	-$6.96
1338	19-Jul-11	16	4	$52.09	Yes	$44.82	-$7.27
1339	19-Jul-11	16	5	$52.09	Yes	$44.82	-$7.27
1340	19-Jul-11	16	6	$52.09	Yes	$44.82	-$7.27
1341	19-Jul-11	16	7	$46.28	Yes	$44.82	-$1.46
1342	19-Jul-11	16	8	$46.76	Yes	$44.82	-$1.94
1343	19-Jul-11	16	9	$50.77	Yes	$44.82	-$5.95
1344	19-Jul-11	16	10	$52.45	Yes	$44.82	-$7.63
1345	19-Jul-11	16	11	$46.58	Yes	$44.82	-$1.76
1346	19-Jul-11	16	12	$46.52	Yes	$44.82	-$1.70

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1347	19-Jul-11	17	1	$46.54	Yes	$44.82	-$1.72
1348	19-Jul-11	17	2	$46.54	Yes	$44.82	-$1.72
1349	19-Jul-11	17	3	$49.86	Yes	$44.82	-$5.04
1350	19-Jul-11	17	4	$51.39	Yes	$44.82	-$6.57
1351	19-Jul-11	17	5	$52.30	Yes	$44.82	-$7.48
1352	19-Jul-11	17	6	$54.67	Yes	$44.82	-$9.85
1353	19-Jul-11	17	7	$55.33	Yes	$44.82	-$10.51
1354	19-Jul-11	17	8	$54.24	Yes	$44.82	-$9.42
1355	19-Jul-11	17	9	$53.68	Yes	$44.82	-$8.86
1356	19-Jul-11	17	10	$53.76	Yes	$44.82	-$8.94
1357	19-Jul-11	17	11	$52.04	Yes	$44.82	-$7.22
1358	19-Jul-11	17	12	$48.99	Yes	$44.82	-$4.17
1359	19-Jul-11	18	1	$45.68	Yes	$44.82	-$0.86
1360	19-Jul-11	18	2	$42.20	Yes	$44.82	$2.62
1361	19-Jul-11	18	3	$46.26	Yes	$44.82	-$1.44
1362	19-Jul-11	18	4	$46.01	Yes	$44.82	-$1.19
1363	19-Jul-11	18	5	$46.01	Yes	$44.82	-$1.19
1364	19-Jul-11	18	6	$46.01	Yes	$44.82	-$1.19
1365	19-Jul-11	18	7	$44.82	Yes	$44.82	$0.00
1366	19-Jul-11	18	8	$44.82	Yes	$44.82	$0.00
1367	19-Jul-11	18	9	$44.82	Yes	$44.82	$0.00
1368	19-Jul-11	18	10	$46.06	Yes	$44.82	-$1.24
1369	19-Jul-11	18	11	$41.95	Yes	$44.82	$2.87
1370	19-Jul-11	18	12	$34.37	Yes	$44.82	$10.45
1371	19-Jul-11	19	1	$44.82	Yes	$44.82	$0.00
1372	19-Jul-11	19	2	$52.21	Yes	$44.82	-$7.39
1373	19-Jul-11	19	3	$55.86	Yes	$44.82	-$11.04
1374	19-Jul-11	19	4	$51.45	Yes	$44.82	-$6.63
1375	19-Jul-11	19	5	$52.82	Yes	$44.82	-$8.00
1376	19-Jul-11	19	6	$46.89	Yes	$44.82	-$2.07
1377	19-Jul-11	19	7	$49.14	Yes	$44.82	-$4.32
1378	19-Jul-11	19	8	$46.11	Yes	$44.82	-$1.29
1379	19-Jul-11	19	9	$44.82	Yes	$44.82	$0.00
1380	19-Jul-11	19	10	$49.68	Yes	$44.82	-$4.86
1381	19-Jul-11	19	11	$46.65	Yes	$44.82	-$1.83
1382	19-Jul-11	19	12	$42.24	Yes	$44.82	$2.58
1383	19-Jul-11	20	1	$50.97	Yes	$44.82	-$6.15
1384	19-Jul-11	20	2	$52.68	Yes	$44.82	-$7.86
1385	19-Jul-11	20	3	$31.88	Yes	$44.82	$12.94
1386	19-Jul-11	20	4	$40.01	Yes	$44.82	$4.81
1387	19-Jul-11	20	5	$48.77	Yes	$44.82	-$3.95
1388	19-Jul-11	20	6	$48.77	Yes	$44.82	-$3.95
1389	19-Jul-11	20	7	$46.85	Yes	$44.82	-$2.03
1390	19-Jul-11	20	8	$45.17	Yes	$44.82	-$0.35
1391	19-Jul-11	20	9	$45.17	Yes	$44.82	-$0.35

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1392	19-Jul-11	20	10	$45.73	Yes	$44.82	-$0.91
1393	19-Jul-11	20	11	$44.82	Yes	$44.82	$0.00
1394	19-Jul-11	20	12	$44.82	Yes	$44.82	$0.00
1395	19-Jul-11	21	1	$44.82	Yes	$44.82	$0.00
1396	19-Jul-11	21	2	$44.82	Yes	$44.82	$0.00
1397	19-Jul-11	21	3	$42.19	Yes	$44.82	$2.63
1398	19-Jul-11	21	4	$44.77	Yes	$44.82	$0.05
1399	19-Jul-11	21	5	$45.12	Yes	$44.82	-$0.30
1400	19-Jul-11	21	6	$45.12	Yes	$44.82	-$0.30
1401	19-Jul-11	21	7	$46.39	Yes	$44.82	-$1.57
1402	19-Jul-11	21	8	$47.33	Yes	$44.82	-$2.51
1403	19-Jul-11	21	9	$46.72	Yes	$44.82	-$1.90
1404	19-Jul-11	21	10	$45.04	Yes	$44.82	-$0.22
1405	19-Jul-11	21	11	$42.27	Yes	$44.82	$2.55
1406	19-Jul-11	21	12	$33.78	Yes	$44.82	$11.04
1407	19-Jul-11	22	1	$50.92	Yes	$44.82	-$6.10
1408	19-Jul-11	22	2	$50.92	Yes	$44.82	-$6.10
1409	19-Jul-11	22	3	$51.69	Yes	$44.82	-$6.87
1410	19-Jul-11	22	4	$49.78	Yes	$44.82	-$4.96
1411	19-Jul-11	22	5	$47.78	Yes	$44.82	-$2.96
1412	19-Jul-11	22	6	$41.34	Yes	$44.82	$3.48
1413	19-Jul-11	22	7	$31.17	Yes	$44.82	$13.65
1414	19-Jul-11	22	8	$31.40	Yes	$44.82	$13.42
1415	19-Jul-11	22	9	$31.17	Yes	$44.82	$13.65
1416	19-Jul-11	22	10	$30.11	Yes	$44.82	$14.71
1417	19-Jul-11	22	11	$30.11	Yes	$44.82	$14.71
1418	19-Jul-11	22	12	$11.24	Yes	$44.82	$33.58
1419	19-Jul-11	23	1	$47.75	Yes	$44.82	-$2.93
1420	19-Jul-11	23	2	$44.21	Yes	$44.82	$0.61
1421	19-Jul-11	23	3	$44.55	Yes	$44.82	$0.27
1422	19-Jul-11	23	4	$38.54	Yes	$44.82	$6.28
1423	19-Jul-11	23	5	$38.19	Yes	$44.82	$6.63
1424	19-Jul-11	23	6	$36.10	Yes	$44.82	$8.72
1425	19-Jul-11	23	7	$33.75	Yes	$44.82	$11.07
1426	19-Jul-11	23	8	$37.61	Yes	$44.82	$7.21
1427	19-Jul-11	23	9	$37.63	Yes	$44.82	$7.19
1428	19-Jul-11	23	10	$36.82	Yes	$44.82	$8.00
1429	19-Jul-11	23	11	$44.54	Yes	$44.82	$0.28
1430	19-Jul-11	23	12	$36.69	Yes	$44.82	$8.13
1431	19-Jul-11	24	1	$23.20	Yes	$44.72	$21.52
1432	19-Jul-11	24	2	$30.99	Yes	$44.72	$13.73
1433	19-Jul-11	24	3	$36.83	Yes	$44.72	$7.89
1434	19-Jul-11	24	4	$51.24	Yes	$44.72	-$6.52
1435	19-Jul-11	24	5	$49.23	Yes	$44.72	-$4.51
1436	19-Jul-11	24	6	$36.75	Yes	$44.72	$7.97

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1437	19-Jul-11	24	7	$30.62	Yes	$44.72	$14.10
1438	19-Jul-11	24	8	$36.48	Yes	$44.72	$8.24
1439	19-Jul-11	24	9	$32.88	Yes	$44.72	$11.84
1440	19-Jul-11	24	10	-$0.01	Yes	$44.72	$44.73
1441	19-Jul-11	24	11	$32.89	Yes	$44.72	$11.83
1442	19-Jul-11	24	12	$23.14	Yes	$44.72	$21.58
1443	20-Jul-11	1	1	$37.13	Yes	$44.72	$7.59
1444	20-Jul-11	1	2	$37.13	Yes	$44.72	$7.59
1445	20-Jul-11	1	3	$39.81	Yes	$44.72	$4.91
1446	20-Jul-11	1	4	$37.02	Yes	$44.72	$7.70
1447	20-Jul-11	1	5	$41.09	Yes	$44.72	$3.63
1448	20-Jul-11	1	6	$45.74	Yes	$44.72	-$1.02
1449	20-Jul-11	1	7	$48.11	Yes	$44.72	-$3.39
1450	20-Jul-11	1	8	$39.77	Yes	$44.72	$4.95
1451	20-Jul-11	1	9	$39.77	Yes	$44.72	$4.95
1452	20-Jul-11	1	10	$31.41	Yes	$44.72	$13.31
1453	20-Jul-11	1	11	$39.79	Yes	$44.72	$4.93
1454	20-Jul-11	1	12	$31.41	Yes	$44.72	$13.31
1455	20-Jul-11	2	1	-$1.07	Yes	$44.72	$45.79
1456	20-Jul-11	2	2	$37.00	Yes	$44.72	$7.72
1457	20-Jul-11	2	3	$48.56	Yes	$44.72	-$3.84
1458	20-Jul-11	2	4	$36.00	Yes	$44.72	$8.72
1459	20-Jul-11	2	5	-$0.02	Yes	$44.72	$44.74
1460	20-Jul-11	2	6	-$0.02	Yes	$44.72	$44.74
1461	20-Jul-11	2	7	-$1.08	Yes	$44.72	$45.80
1462	20-Jul-11	2	8	-$0.04	Yes	$44.72	$44.76
1463	20-Jul-11	2	9	-$0.02	Yes	$44.72	$44.74
1464	20-Jul-11	2	10	-$0.02	Yes	$44.72	$44.74
1465	20-Jul-11	2	11	$63.64	Yes	$44.72	-$18.92
1466	20-Jul-11	2	12	$49.24	Yes	$44.72	-$4.52
1467	20-Jul-11	3	1	$36.95	Yes	$44.72	$7.77
1468	20-Jul-11	3	2	-$0.02	Yes	$44.72	$44.74
1469	20-Jul-11	3	3	$28.85	Yes	$44.72	$15.87
1470	20-Jul-11	3	4	-$0.02	Yes	$44.72	$44.74
1471	20-Jul-11	3	5	-$0.02	Yes	$44.72	$44.74
1472	20-Jul-11	3	6	-$0.04	Yes	$44.72	$44.76
1473	20-Jul-11	3	7	-$0.04	Yes	$44.72	$44.76
1474	20-Jul-11	3	8	-$10.81	Yes	$44.72	$55.53
1475	20-Jul-11	3	9	-$10.82	Yes	$44.72	$55.54
1476	20-Jul-11	3	10	-$28.92	Yes	$44.72	$73.64
1477	20-Jul-11	3	11	-$10.64	Yes	$44.72	$55.36
1478	20-Jul-11	3	12	-$0.04	Yes	$44.72	$44.76
1479	20-Jul-11	4	1	-$0.04	Yes	$44.72	$44.76
1480	20-Jul-11	4	2	-$0.02	Yes	$44.72	$44.74
1481	20-Jul-11	4	3	-$0.02	Yes	$44.72	$44.74

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1482	20-Jul-11	4	4	-$0.04	Yes	$44.72	$44.76
1483	20-Jul-11	4	5	-$1.09	Yes	$44.72	$45.81
1484	20-Jul-11	4	6	-$1.09	Yes	$44.72	$45.81
1485	20-Jul-11	4	7	-$11.02	Yes	$44.72	$55.74
1486	20-Jul-11	4	8	-$21.56	Yes	$44.72	$66.28
1487	20-Jul-11	4	9	-$29.18	Yes	$44.72	$73.90
1488	20-Jul-11	4	10	-$11.01	Yes	$44.72	$55.73
1489	20-Jul-11	4	11	-$11.01	Yes	$44.72	$55.73
1490	20-Jul-11	4	12	-$11.01	Yes	$44.72	$55.73
1491	20-Jul-11	5	1	-$0.04	Yes	$44.72	$44.76
1492	20-Jul-11	5	2	-$0.04	Yes	$44.72	$44.76
1493	20-Jul-11	5	3	-$0.04	Yes	$44.72	$44.76
1494	20-Jul-11	5	4	-$0.04	Yes	$44.72	$44.76
1495	20-Jul-11	5	5	-$0.04	Yes	$44.72	$44.76
1496	20-Jul-11	5	6	-$0.02	Yes	$44.72	$44.74
1497	20-Jul-11	5	7	-$0.02	Yes	$44.72	$44.74
1498	20-Jul-11	5	8	-$0.02	Yes	$44.72	$44.74
1499	20-Jul-11	5	9	-$0.02	Yes	$44.72	$44.74
1500	20-Jul-11	5	10	-$0.02	Yes	$44.72	$44.74
1501	20-Jul-11	5	11	-$0.02	Yes	$44.72	$44.74
1502	20-Jul-11	5	12	-$0.02	Yes	$44.72	$44.74
1503	20-Jul-11	6	1	-$0.02	Yes	$44.72	$44.74
1504	20-Jul-11	6	2	-$0.04	Yes	$44.72	$44.76
1505	20-Jul-11	6	3	-$1.07	Yes	$44.72	$45.79
1506	20-Jul-11	6	4	-$0.04	Yes	$44.72	$44.76
1507	20-Jul-11	6	5	-$0.02	Yes	$44.72	$44.74
1508	20-Jul-11	6	6	-$0.02	Yes	$44.72	$44.74
1509	20-Jul-11	6	7	-$0.02	Yes	$44.72	$44.74
1510	20-Jul-11	6	8	$0.01	Yes	$44.72	$44.71
1511	20-Jul-11	6	9	$8.82	Yes	$44.72	$35.90
1512	20-Jul-11	6	10	$39.71	Yes	$44.72	$5.01
1513	20-Jul-11	6	11	$37.09	Yes	$44.72	$7.63
1514	20-Jul-11	6	12	$17.05	Yes	$44.72	$27.67
1515	20-Jul-11	7	1	$8.82	Yes	$44.72	$35.90
1516	20-Jul-11	7	2	$13.23	Yes	$44.72	$31.49
1517	20-Jul-11	7	3	$0.01	Yes	$44.72	$44.71
1518	20-Jul-11	7	4	-$0.04	Yes	$44.72	$44.76
1519	20-Jul-11	7	5	-$0.02	Yes	$44.72	$44.74
1520	20-Jul-11	7	6	$0.00	Yes	$44.72	$44.72
1521	20-Jul-11	7	7	-$0.04	Yes	$44.72	$44.76
1522	20-Jul-11	7	8	-$0.02	Yes	$44.72	$44.74
1523	20-Jul-11	7	9	$27.19	Yes	$44.72	$17.53
1524	20-Jul-11	7	10	$31.35	Yes	$44.72	$13.37
1525	20-Jul-11	7	11	$33.41	Yes	$44.72	$11.31
1526	20-Jul-11	7	12	$31.35	Yes	$44.72	$13.37

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1527	20-Jul-11	8	1	-$0.02	Yes	$44.72	$44.74
1528	20-Jul-11	8	2	-$1.05	Yes	$44.72	$45.77
1529	20-Jul-11	8	3	-$1.05	Yes	$44.72	$45.77
1530	20-Jul-11	8	4	$35.19	Yes	$44.72	$9.53
1531	20-Jul-11	8	5	-$0.02	Yes	$44.72	$44.74
1532	20-Jul-11	8	6	$37.20	Yes	$44.72	$7.52
1533	20-Jul-11	8	7	$0.01	Yes	$44.72	$44.71
1534	20-Jul-11	8	8	$8.78	Yes	$44.72	$35.94
1535	20-Jul-11	8	9	$25.53	Yes	$44.72	$19.19
1536	20-Jul-11	8	10	$36.19	Yes	$44.72	$8.53
1537	20-Jul-11	8	11	$0.01	Yes	$44.72	$44.71
1538	20-Jul-11	8	12	-$0.02	Yes	$44.72	$44.74
1539	20-Jul-11	9	1	-$0.02	Yes	$44.72	$44.74
1540	20-Jul-11	9	2	-$10.82	Yes	$44.72	$55.54
1541	20-Jul-11	9	3	-$1.06	Yes	$44.72	$45.78
1542	20-Jul-11	9	4	-$0.01	Yes	$44.72	$44.73
1543	20-Jul-11	9	5	$0.01	Yes	$44.72	$44.71
1544	20-Jul-11	9	6	$0.01	Yes	$44.72	$44.71
1545	20-Jul-11	9	7	$30.31	Yes	$44.72	$14.41
1546	20-Jul-11	9	8	$29.32	Yes	$44.72	$15.40
1547	20-Jul-11	9	9	$29.32	Yes	$44.72	$15.40
1548	20-Jul-11	9	10	$37.59	Yes	$44.72	$7.13
1549	20-Jul-11	9	11	$34.32	Yes	$44.72	$10.40
1550	20-Jul-11	9	12	$8.80	Yes	$44.72	$35.92
1551	20-Jul-11	10	1	$0.01	Yes	$44.72	$44.71
1552	20-Jul-11	10	2	$19.49	Yes	$44.72	$25.23
1553	20-Jul-11	10	3	$19.49	Yes	$44.72	$25.23
1554	20-Jul-11	10	4	$29.41	Yes	$44.72	$15.31
1555	20-Jul-11	10	5	$29.23	Yes	$44.72	$15.49
1556	20-Jul-11	10	6	$29.41	Yes	$44.72	$15.31
1557	20-Jul-11	10	7	$34.35	Yes	$44.72	$10.37
1558	20-Jul-11	10	8	$19.54	Yes	$44.72	$25.18
1559	20-Jul-11	10	9	$29.57	Yes	$44.72	$15.15
1560	20-Jul-11	10	10	$33.72	Yes	$44.72	$11.00
1561	20-Jul-11	10	11	$29.09	Yes	$44.72	$15.63
1562	20-Jul-11	10	12	$33.72	Yes	$44.72	$11.00
1563	20-Jul-11	11	1	-$0.01	Yes	$44.72	$44.73
1564	20-Jul-11	11	1	-$0.01	Yes	$44.72	$44.73
1565	20-Jul-11	11	2	$8.86	Yes	$44.72	$35.86
1566	20-Jul-11	11	2	$8.86	Yes	$44.72	$35.86
1567	20-Jul-11	11	3	$27.29	Yes	$44.72	$17.43
1568	20-Jul-11	11	3	$27.29	Yes	$44.72	$17.43
1569	20-Jul-11	11	4	$28.43	Yes	$44.72	$16.29
1570	20-Jul-11	11	4	$28.43	Yes	$44.72	$16.29
1571	20-Jul-11	11	5	$31.00	Yes	$44.72	$13.72

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1572	20-Jul-11	11	5	$31.00	Yes	$44.72	$13.72
1573	20-Jul-11	11	6	$31.00	Yes	$44.72	$13.72
1574	20-Jul-11	11	6	$31.00	Yes	$44.72	$13.72
1575	20-Jul-11	11	7	$31.16	Yes	$44.72	$13.56
1576	20-Jul-11	11	7	$31.16	Yes	$44.72	$13.56
1577	20-Jul-11	11	8	$31.71	Yes	$44.72	$13.01
1578	20-Jul-11	11	8	$31.71	Yes	$44.72	$13.01
1579	20-Jul-11	11	9	$34.36	Yes	$44.72	$10.36
1580	20-Jul-11	11	9	$34.36	Yes	$44.72	$10.36
1581	20-Jul-11	11	10	$33.12	Yes	$44.72	$11.60
1582	20-Jul-11	11	10	$33.12	Yes	$44.72	$11.60
1583	20-Jul-11	11	11	$33.12	Yes	$44.72	$11.60
1584	20-Jul-11	11	11	$33.12	Yes	$44.72	$11.60
1585	20-Jul-11	11	12	$38.21	Yes	$44.72	$6.51
1586	20-Jul-11	11	12	$38.21	Yes	$44.72	$6.51
1587	20-Jul-11	12	1	$30.94	Yes	$44.72	$13.78
1588	20-Jul-11	12	1	$30.94	Yes	$44.72	$13.78
1589	20-Jul-11	12	2	$31.11	Yes	$44.72	$13.61
1590	20-Jul-11	12	2	$31.11	Yes	$44.72	$13.61
1591	20-Jul-11	12	3	$32.21	Yes	$44.72	$12.51
1592	20-Jul-11	12	3	$32.21	Yes	$44.72	$12.51
1593	20-Jul-11	12	4	$32.40	Yes	$44.72	$12.32
1594	20-Jul-11	12	4	$32.40	Yes	$44.72	$12.32
1595	20-Jul-11	12	5	$32.40	Yes	$44.72	$12.32
1596	20-Jul-11	12	5	$32.40	Yes	$44.72	$12.32
1597	20-Jul-11	12	6	$33.98	Yes	$44.72	$10.74
1598	20-Jul-11	12	6	$33.98	Yes	$44.72	$10.74
1599	20-Jul-11	12	7	$35.07	Yes	$44.72	$9.65
1600	20-Jul-11	12	7	$35.07	Yes	$44.72	$9.65
1601	20-Jul-11	12	8	$34.76	Yes	$44.72	$9.96
1602	20-Jul-11	12	8	$34.76	Yes	$44.72	$9.96
1603	20-Jul-11	12	9	$35.86	Yes	$44.72	$8.86
1604	20-Jul-11	12	9	$35.86	Yes	$44.72	$8.86
1605	20-Jul-11	12	10	$36.02	Yes	$44.72	$8.70
1606	20-Jul-11	12	10	$36.02	Yes	$44.72	$8.70
1607	20-Jul-11	12	11	$35.27	Yes	$44.72	$9.45
1608	20-Jul-11	12	11	$35.27	Yes	$44.72	$9.45
1609	20-Jul-11	12	12	$36.02	Yes	$44.72	$8.70
1610	20-Jul-11	12	12	$36.02	Yes	$44.72	$8.70
1611	20-Jul-11	13	1	$35.91	Yes	$44.72	$8.81
1612	20-Jul-11	13	1	$35.91	Yes	$44.72	$8.81
1613	20-Jul-11	13	2	$37.31	Yes	$44.72	$7.41
1614	20-Jul-11	13	2	$37.31	Yes	$44.72	$7.41
1615	20-Jul-11	13	3	$37.86	Yes	$44.72	$6.86
1616	20-Jul-11	13	3	$37.86	Yes	$44.72	$6.86

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1617	20-Jul-11	13	4	$37.92	Yes	$44.72	$6.80
1618	20-Jul-11	13	4	$37.92	Yes	$44.72	$6.80
1619	20-Jul-11	13	5	$38.27	Yes	$44.72	$6.45
1620	20-Jul-11	13	5	$38.27	Yes	$44.72	$6.45
1621	20-Jul-11	13	6	$38.70	Yes	$44.72	$6.02
1622	20-Jul-11	13	6	$38.70	Yes	$44.72	$6.02
1623	20-Jul-11	13	7	$38.19	Yes	$44.72	$6.53
1624	20-Jul-11	13	7	$38.19	Yes	$44.72	$6.53
1625	20-Jul-11	13	8	$42.29	Yes	$44.72	$2.43
1626	20-Jul-11	13	8	$42.29	Yes	$44.72	$2.43
1627	20-Jul-11	13	9	$45.72	Yes	$44.72	-$1.00
1628	20-Jul-11	13	9	$45.72	Yes	$44.72	-$1.00
1629	20-Jul-11	13	10	$45.92	Yes	$44.72	-$1.20
1630	20-Jul-11	13	10	$45.92	Yes	$44.72	-$1.20
1631	20-Jul-11	13	11	$45.93	Yes	$44.72	-$1.21
1632	20-Jul-11	13	11	$45.93	Yes	$44.72	-$1.21
1633	20-Jul-11	13	12	$52.60	Yes	$44.72	-$7.88
1634	20-Jul-11	13	12	$52.60	Yes	$44.72	-$7.88
1635	20-Jul-11	14	1	$34.77	Yes	$44.72	$9.95
1636	20-Jul-11	14	1	$34.77	Yes	$44.72	$9.95
1637	20-Jul-11	14	2	$38.34	Yes	$44.72	$6.38
1638	20-Jul-11	14	2	$38.34	Yes	$44.72	$6.38
1639	20-Jul-11	14	3	$44.72	Yes	$44.72	$0.00
1640	20-Jul-11	14	3	$44.72	Yes	$44.72	$0.00
1641	20-Jul-11	14	4	$45.85	Yes	$44.72	-$1.13
1642	20-Jul-11	14	4	$45.85	Yes	$44.72	-$1.13
1643	20-Jul-11	14	5	$45.56	Yes	$44.72	-$0.84
1644	20-Jul-11	14	5	$45.56	Yes	$44.72	-$0.84
1645	20-Jul-11	14	6	$65.43	Yes	$44.72	-$20.71
1646	20-Jul-11	14	6	$65.43	Yes	$44.72	-$20.71
1647	20-Jul-11	14	7	$54.95	Yes	$44.72	-$10.23
1648	20-Jul-11	14	7	$54.95	Yes	$44.72	-$10.23
1649	20-Jul-11	14	8	$54.95	Yes	$44.72	-$10.23
1650	20-Jul-11	14	8	$54.95	Yes	$44.72	-$10.23
1651	20-Jul-11	14	9	$54.95	Yes	$44.72	-$10.23
1652	20-Jul-11	14	9	$54.95	Yes	$44.72	-$10.23
1653	20-Jul-11	14	10	$55.59	Yes	$44.72	-$10.87
1654	20-Jul-11	14	10	$55.59	Yes	$44.72	-$10.87
1655	20-Jul-11	14	11	$55.26	Yes	$44.72	-$10.54
1656	20-Jul-11	14	11	$55.26	Yes	$44.72	-$10.54
1657	20-Jul-11	14	12	$68.61	Yes	$44.72	-$23.89
1658	20-Jul-11	14	12	$68.61	Yes	$44.72	-$23.89
1659	20-Jul-11	15	1	$31.57	Yes	$44.72	$13.15
1660	20-Jul-11	15	1	$31.57	Yes	$44.72	$13.15
1661	20-Jul-11	15	2	$33.14	Yes	$44.72	$11.58

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1662	20-Jul-11	15	2	$33.14	Yes	$44.72	$11.58
1663	20-Jul-11	15	3	$42.39	Yes	$44.72	$2.33
1664	20-Jul-11	15	3	$42.39	Yes	$44.72	$2.33
1665	20-Jul-11	15	4	$43.37	Yes	$44.72	$1.35
1666	20-Jul-11	15	4	$43.37	Yes	$44.72	$1.35
1667	20-Jul-11	15	5	$40.30	Yes	$44.72	$4.42
1668	20-Jul-11	15	5	$40.30	Yes	$44.72	$4.42
1669	20-Jul-11	15	6	$44.53	Yes	$44.72	$0.19
1670	20-Jul-11	15	6	$44.53	Yes	$44.72	$0.19
1671	20-Jul-11	15	7	$40.36	Yes	$44.72	$4.36
1672	20-Jul-11	15	7	$40.36	Yes	$44.72	$4.36
1673	20-Jul-11	15	8	$44.21	Yes	$44.72	$0.51
1674	20-Jul-11	15	8	$44.21	Yes	$44.72	$0.51
1675	20-Jul-11	15	9	$44.72	Yes	$44.72	$0.00
1676	20-Jul-11	15	9	$44.72	Yes	$44.72	$0.00
1677	20-Jul-11	15	10	$45.96	Yes	$44.72	-$1.24
1678	20-Jul-11	15	10	$45.96	Yes	$44.72	-$1.24
1679	20-Jul-11	15	11	$46.14	Yes	$44.72	-$1.42
1680	20-Jul-11	15	11	$46.14	Yes	$44.72	-$1.42
1681	20-Jul-11	15	12	$46.09	Yes	$44.72	-$1.37
1682	20-Jul-11	15	12	$46.09	Yes	$44.72	-$1.37
1683	20-Jul-11	16	1	$44.72	Yes	$44.72	$0.00
1684	20-Jul-11	16	1	$44.72	Yes	$44.72	$0.00
1685	20-Jul-11	16	2	$44.72	Yes	$44.72	$0.00
1686	20-Jul-11	16	2	$44.72	Yes	$44.72	$0.00
1687	20-Jul-11	16	3	$44.60	Yes	$44.72	$0.12
1688	20-Jul-11	16	3	$44.60	Yes	$44.72	$0.12
1689	20-Jul-11	16	4	$44.72	Yes	$44.72	$0.00
1690	20-Jul-11	16	4	$44.72	Yes	$44.72	$0.00
1691	20-Jul-11	16	5	$44.72	Yes	$44.72	$0.00
1692	20-Jul-11	16	5	$44.72	Yes	$44.72	$0.00
1693	20-Jul-11	16	6	$45.84	Yes	$44.72	-$1.12
1694	20-Jul-11	16	6	$45.84	Yes	$44.72	-$1.12
1695	20-Jul-11	16	7	$51.07	Yes	$44.72	-$6.35
1696	20-Jul-11	16	7	$51.07	Yes	$44.72	-$6.35
1697	20-Jul-11	16	8	$50.91	Yes	$44.72	-$6.19
1698	20-Jul-11	16	8	$50.91	Yes	$44.72	-$6.19
1699	20-Jul-11	16	9	$52.92	Yes	$44.72	-$8.20
1700	20-Jul-11	16	9	$52.92	Yes	$44.72	-$8.20
1701	20-Jul-11	16	10	$43.48	Yes	$44.72	$1.24
1702	20-Jul-11	16	10	$43.48	Yes	$44.72	$1.24
1703	20-Jul-11	16	11	$45.77	Yes	$44.72	-$1.05
1704	20-Jul-11	16	11	$45.77	Yes	$44.72	-$1.05
1705	20-Jul-11	16	12	$44.72	Yes	$44.72	$0.00
1706	20-Jul-11	16	12	$44.72	Yes	$44.72	$0.00

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1707	20-Jul-11	17	1	$52.85	Yes	$44.72	-$8.13
1708	20-Jul-11	17	1	$52.85	Yes	$44.72	-$8.13
1709	20-Jul-11	17	2	$53.22	Yes	$44.72	-$8.50
1710	20-Jul-11	17	2	$53.22	Yes	$44.72	-$8.50
1711	20-Jul-11	17	3	$54.16	Yes	$44.72	-$9.44
1712	20-Jul-11	17	3	$54.16	Yes	$44.72	-$9.44
1713	20-Jul-11	17	4	$62.12	Yes	$44.72	-$17.40
1714	20-Jul-11	17	4	$62.12	Yes	$44.72	-$17.40
1715	20-Jul-11	17	5	$56.30	Yes	$44.72	-$11.58
1716	20-Jul-11	17	5	$56.30	Yes	$44.72	-$11.58
1717	20-Jul-11	17	6	$54.79	Yes	$44.72	-$10.07
1718	20-Jul-11	17	6	$54.79	Yes	$44.72	-$10.07
1719	20-Jul-11	17	7	$44.72	Yes	$44.72	$0.00
1720	20-Jul-11	17	7	$44.72	Yes	$44.72	$0.00
1721	20-Jul-11	17	8	$52.44	Yes	$44.72	-$7.72
1722	20-Jul-11	17	8	$52.44	Yes	$44.72	-$7.72
1723	20-Jul-11	17	9	$52.57	Yes	$44.72	-$7.85
1724	20-Jul-11	17	9	$52.57	Yes	$44.72	-$7.85
1725	20-Jul-11	17	10	$54.16	Yes	$44.72	-$9.44
1726	20-Jul-11	17	10	$54.16	Yes	$44.72	-$9.44
1727	20-Jul-11	17	11	$54.17	Yes	$44.72	-$9.45
1728	20-Jul-11	17	11	$54.17	Yes	$44.72	-$9.45
1729	20-Jul-11	17	12	$58.72	Yes	$44.72	-$14.00
1730	20-Jul-11	17	12	$58.72	Yes	$44.72	-$14.00
1731	20-Jul-11	18	1	$45.18	Yes	$44.72	-$0.46
1732	20-Jul-11	18	1	$45.18	Yes	$44.72	-$0.46
1733	20-Jul-11	18	2	$45.55	Yes	$44.72	-$0.83
1734	20-Jul-11	18	2	$45.55	Yes	$44.72	-$0.83
1735	20-Jul-11	18	3	$45.57	Yes	$44.72	-$0.85
1736	20-Jul-11	18	3	$45.57	Yes	$44.72	-$0.85
1737	20-Jul-11	18	4	$45.78	Yes	$44.72	-$1.06
1738	20-Jul-11	18	4	$45.78	Yes	$44.72	-$1.06
1739	20-Jul-11	18	5	$45.82	Yes	$44.72	-$1.10
1740	20-Jul-11	18	5	$45.82	Yes	$44.72	-$1.10
1741	20-Jul-11	18	6	$45.74	Yes	$44.72	-$1.02
1742	20-Jul-11	18	6	$45.74	Yes	$44.72	-$1.02
1743	20-Jul-11	18	7	$45.70	Yes	$44.72	-$0.98
1744	20-Jul-11	18	7	$45.70	Yes	$44.72	-$0.98
1745	20-Jul-11	18	8	$44.38	Yes	$44.72	$0.34
1746	20-Jul-11	18	8	$44.38	Yes	$44.72	$0.34
1747	20-Jul-11	18	9	$45.22	Yes	$44.72	-$0.50
1748	20-Jul-11	18	9	$45.22	Yes	$44.72	-$0.50
1749	20-Jul-11	18	10	$45.85	Yes	$44.72	-$1.13
1750	20-Jul-11	18	10	$45.85	Yes	$44.72	-$1.13
1751	20-Jul-11	18	11	$42.35	Yes	$44.72	$2.37

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1752	20-Jul-11	18	11	$42.35	Yes	$44.72	$2.37
1753	20-Jul-11	18	12	$37.76	Yes	$44.72	$6.96
1754	20-Jul-11	18	12	$37.76	Yes	$44.72	$6.96
1755	20-Jul-11	19	1	$39.60	Yes	$44.72	$5.12
1756	20-Jul-11	19	1	$39.60	Yes	$44.72	$5.12
1757	20-Jul-11	19	2	$42.26	Yes	$44.72	$2.46
1758	20-Jul-11	19	2	$42.26	Yes	$44.72	$2.46
1759	20-Jul-11	19	3	$45.66	Yes	$44.72	-$0.94
1760	20-Jul-11	19	3	$45.66	Yes	$44.72	-$0.94
1761	20-Jul-11	19	4	$44.97	Yes	$44.72	-$0.25
1762	20-Jul-11	19	4	$44.97	Yes	$44.72	-$0.25
1763	20-Jul-11	19	5	$45.04	Yes	$44.72	-$0.32
1764	20-Jul-11	19	5	$45.04	Yes	$44.72	-$0.32
1765	20-Jul-11	19	6	$44.69	Yes	$44.72	$0.03
1766	20-Jul-11	19	6	$44.69	Yes	$44.72	$0.03
1767	20-Jul-11	19	7	$37.16	Yes	$44.72	$7.56
1768	20-Jul-11	19	7	$37.16	Yes	$44.72	$7.56
1769	20-Jul-11	19	8	$36.69	Yes	$44.72	$8.03
1770	20-Jul-11	19	8	$36.69	Yes	$44.72	$8.03
1771	20-Jul-11	19	9	$34.14	Yes	$44.72	$10.58
1772	20-Jul-11	19	9	$34.14	Yes	$44.72	$10.58
1773	20-Jul-11	19	10	$37.70	Yes	$44.72	$7.02
1774	20-Jul-11	19	10	$37.70	Yes	$44.72	$7.02
1775	20-Jul-11	19	11	$34.09	Yes	$44.72	$10.63
1776	20-Jul-11	19	11	$34.09	Yes	$44.72	$10.63
1777	20-Jul-11	19	12	$31.57	Yes	$44.72	$13.15
1778	20-Jul-11	19	12	$31.57	Yes	$44.72	$13.15
1779	20-Jul-11	20	1	$37.89	Yes	$44.72	$6.83
1780	20-Jul-11	20	1	$37.89	Yes	$44.72	$6.83
1781	20-Jul-11	20	2	$37.87	Yes	$44.72	$6.85
1782	20-Jul-11	20	2	$37.87	Yes	$44.72	$6.85
1783	20-Jul-11	20	3	$37.60	Yes	$44.72	$7.12
1784	20-Jul-11	20	3	$37.60	Yes	$44.72	$7.12
1785	20-Jul-11	20	4	$31.40	Yes	$44.72	$13.32
1786	20-Jul-11	20	4	$31.40	Yes	$44.72	$13.32
1787	20-Jul-11	20	5	$30.48	Yes	$44.72	$14.24
1788	20-Jul-11	20	5	$30.48	Yes	$44.72	$14.24
1789	20-Jul-11	20	6	$30.66	Yes	$44.72	$14.06
1790	20-Jul-11	20	6	$30.66	Yes	$44.72	$14.06
1791	20-Jul-11	20	7	$30.94	Yes	$44.72	$13.78
1792	20-Jul-11	20	7	$30.94	Yes	$44.72	$13.78
1793	20-Jul-11	20	8	$30.68	Yes	$44.72	$14.04
1794	20-Jul-11	20	8	$30.68	Yes	$44.72	$14.04
1795	20-Jul-11	20	9	$30.42	Yes	$44.72	$14.30
1796	20-Jul-11	20	9	$30.42	Yes	$44.72	$14.30

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1797	20-Jul-11	20	10	$29.71	Yes	$44.72	$15.01
1798	20-Jul-11	20	10	$29.71	Yes	$44.72	$15.01
1799	20-Jul-11	20	11	$29.71	Yes	$44.72	$15.01
1800	20-Jul-11	20	11	$29.71	Yes	$44.72	$15.01
1801	20-Jul-11	20	12	$30.63	Yes	$44.72	$14.09
1802	20-Jul-11	20	12	$30.63	Yes	$44.72	$14.09
1803	20-Jul-11	21	1	$38.01	Yes	$44.72	$6.71
1804	20-Jul-11	21	1	$38.01	Yes	$44.72	$6.71
1805	20-Jul-11	21	2	$38.06	Yes	$44.72	$6.66
1806	20-Jul-11	21	2	$38.06	Yes	$44.72	$6.66
1807	20-Jul-11	21	3	$38.01	Yes	$44.72	$6.71
1808	20-Jul-11	21	3	$38.01	Yes	$44.72	$6.71
1809	20-Jul-11	21	4	$39.56	Yes	$44.72	$5.16
1810	20-Jul-11	21	4	$39.56	Yes	$44.72	$5.16
1811	20-Jul-11	21	5	$41.55	Yes	$44.72	$3.17
1812	20-Jul-11	21	5	$41.55	Yes	$44.72	$3.17
1813	20-Jul-11	21	6	$39.64	Yes	$44.72	$5.08
1814	20-Jul-11	21	6	$39.64	Yes	$44.72	$5.08
1815	20-Jul-11	21	7	$39.57	Yes	$44.72	$5.15
1816	20-Jul-11	21	7	$39.57	Yes	$44.72	$5.15
1817	20-Jul-11	21	8	$42.67	Yes	$44.72	$2.05
1818	20-Jul-11	21	8	$42.67	Yes	$44.72	$2.05
1819	20-Jul-11	21	9	$39.57	Yes	$44.72	$5.15
1820	20-Jul-11	21	9	$39.57	Yes	$44.72	$5.15
1821	20-Jul-11	21	10	$39.65	Yes	$44.72	$5.07
1822	20-Jul-11	21	10	$39.65	Yes	$44.72	$5.07
1823	20-Jul-11	21	11	$38.03	Yes	$44.72	$6.69
1824	20-Jul-11	21	11	$38.03	Yes	$44.72	$6.69
1825	20-Jul-11	21	12	$33.91	Yes	$44.72	$10.81
1826	20-Jul-11	21	12	$33.91	Yes	$44.72	$10.81
1827	20-Jul-11	22	1	$47.77	Yes	$44.72	-$3.05
1828	20-Jul-11	22	2	$45.13	Yes	$44.72	-$0.41
1829	20-Jul-11	22	3	$37.69	Yes	$44.72	$7.03
1830	20-Jul-11	22	4	$30.76	Yes	$44.72	$13.96
1831	20-Jul-11	22	5	$39.62	Yes	$44.72	$5.10
1832	20-Jul-11	22	6	$42.29	Yes	$44.72	$2.43
1833	20-Jul-11	22	7	$42.29	Yes	$44.72	$2.43
1834	20-Jul-11	22	8	$37.89	Yes	$44.72	$6.83
1835	20-Jul-11	22	9	$37.70	Yes	$44.72	$7.02
1836	20-Jul-11	22	10	$37.27	Yes	$44.72	$7.45
1837	20-Jul-11	22	11	$30.69	Yes	$44.72	$14.03
1838	20-Jul-11	22	12	$25.86	Yes	$44.72	$18.86
1839	20-Jul-11	23	1	$35.36	Yes	$44.72	$9.36
1840	20-Jul-11	23	2	$44.46	Yes	$44.72	$0.26
1841	20-Jul-11	23	3	$44.59	Yes	$44.72	$0.13

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1842	20-Jul-11	23	4	$30.34	Yes	$44.72	$14.38
1843	20-Jul-11	23	5	$45.66	Yes	$44.72	-$0.94
1844	20-Jul-11	23	6	$43.83	Yes	$44.72	$0.89
1845	20-Jul-11	23	7	$45.37	Yes	$44.72	-$0.65
1846	20-Jul-11	23	8	$38.39	Yes	$44.72	$6.33
1847	20-Jul-11	23	9	$32.84	Yes	$44.72	$11.88
1848	20-Jul-11	23	10	$32.81	Yes	$44.72	$11.91
1849	20-Jul-11	23	11	$37.44	Yes	$44.72	$7.28
1850	20-Jul-11	23	12	$33.69	Yes	$44.72	$11.03
1851	20-Jul-11	24	1	$41.86	Yes	$45.50	$3.64
1852	20-Jul-11	24	2	$37.32	Yes	$45.50	$8.18
1853	20-Jul-11	24	3	$39.68	Yes	$45.50	$5.82
1854	20-Jul-11	24	4	$37.71	Yes	$45.50	$7.79
1855	20-Jul-11	24	5	$31.25	Yes	$45.50	$14.25
1856	20-Jul-11	24	6	$37.08	Yes	$45.50	$8.42
1857	20-Jul-11	24	7	$36.97	Yes	$45.50	$8.53
1858	20-Jul-11	24	8	$32.77	Yes	$45.50	$12.73
1859	20-Jul-11	24	9	$32.77	Yes	$45.50	$12.73
1860	20-Jul-11	24	10	$19.13	Yes	$45.50	$26.37
1861	20-Jul-11	24	11	$19.13	Yes	$45.50	$26.37
1862	20-Jul-11	24	12	-$0.01	Yes	$45.50	$45.51
1863	21-Jul-11	1	1	-$1.06	Yes	$45.50	$46.56
1864	21-Jul-11	1	2	-$0.01	Yes	$45.50	$45.51
1865	21-Jul-11	1	3	-$0.01	Yes	$45.50	$45.51
1866	21-Jul-11	1	4	$7.04	Yes	$45.50	$38.46
1867	21-Jul-11	1	5	$36.88	Yes	$45.50	$8.62
1868	21-Jul-11	1	6	$29.35	Yes	$45.50	$16.15
1869	21-Jul-11	1	7	$29.34	Yes	$45.50	$16.16
1870	21-Jul-11	1	8	$7.03	Yes	$45.50	$38.47
1871	21-Jul-11	1	9	$7.03	Yes	$45.50	$38.47
1872	21-Jul-11	1	10	$7.02	Yes	$45.50	$38.48
1873	21-Jul-11	1	11	$39.66	Yes	$45.50	$5.84
1874	21-Jul-11	1	12	$35.49	Yes	$45.50	$10.01
1875	21-Jul-11	2	1	$37.22	Yes	$45.50	$8.28
1876	21-Jul-11	2	2	$37.22	Yes	$45.50	$8.28
1877	21-Jul-11	2	3	-$0.01	Yes	$45.50	$45.51
1878	21-Jul-11	2	4	-$0.01	Yes	$45.50	$45.51
1879	21-Jul-11	2	5	-$0.01	Yes	$45.50	$45.51
1880	21-Jul-11	2	6	-$1.07	Yes	$45.50	$46.57
1881	21-Jul-11	2	7	-$0.01	Yes	$45.50	$45.51
1882	21-Jul-11	2	8	-$0.01	Yes	$45.50	$45.51
1883	21-Jul-11	2	9	$29.41	Yes	$45.50	$16.09
1884	21-Jul-11	2	10	-$0.01	Yes	$45.50	$45.51
1885	21-Jul-11	2	11	-$0.01	Yes	$45.50	$45.51
1886	21-Jul-11	2	12	-$0.01	Yes	$45.50	$45.51

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1887	21-Jul-11	3	1	$28.23	Yes	$45.50	$17.27
1888	21-Jul-11	3	2	$28.23	Yes	$45.50	$17.27
1889	21-Jul-11	3	3	$6.99	Yes	$45.50	$38.51
1890	21-Jul-11	3	4	$28.19	Yes	$45.50	$17.31
1891	21-Jul-11	3	5	$6.99	Yes	$45.50	$38.51
1892	21-Jul-11	3	6	$6.99	Yes	$45.50	$38.51
1893	21-Jul-11	3	7	-$0.01	Yes	$45.50	$45.51
1894	21-Jul-11	3	8	-$0.01	Yes	$45.50	$45.51
1895	21-Jul-11	3	9	-$0.01	Yes	$45.50	$45.51
1896	21-Jul-11	3	10	-$0.01	Yes	$45.50	$45.51
1897	21-Jul-11	3	11	-$0.01	Yes	$45.50	$45.51
1898	21-Jul-11	3	12	-$0.01	Yes	$45.50	$45.51
1899	21-Jul-11	4	1	-$0.01	Yes	$45.50	$45.51
1900	21-Jul-11	4	2	-$0.01	Yes	$45.50	$45.51
1901	21-Jul-11	4	3	$28.12	Yes	$45.50	$17.38
1902	21-Jul-11	4	4	$11.98	Yes	$45.50	$33.52
1903	21-Jul-11	4	5	-$0.01	Yes	$45.50	$45.51
1904	21-Jul-11	4	6	-$0.01	Yes	$45.50	$45.51
1905	21-Jul-11	4	7	-$1.08	Yes	$45.50	$46.58
1906	21-Jul-11	4	8	-$0.01	Yes	$45.50	$45.51
1907	21-Jul-11	4	9	-$0.01	Yes	$45.50	$45.51
1908	21-Jul-11	4	10	-$0.01	Yes	$45.50	$45.51
1909	21-Jul-11	4	11	-$0.01	Yes	$45.50	$45.51
1910	21-Jul-11	4	12	-$0.01	Yes	$45.50	$45.51
1911	21-Jul-11	5	1	$29.45	Yes	$45.50	$16.05
1912	21-Jul-11	5	2	$35.18	Yes	$45.50	$10.32
1913	21-Jul-11	5	3	$11.99	Yes	$45.50	$33.51
1914	21-Jul-11	5	4	$35.64	Yes	$45.50	$9.86
1915	21-Jul-11	5	5	$39.65	Yes	$45.50	$5.85
1916	21-Jul-11	5	6	$37.27	Yes	$45.50	$8.23
1917	21-Jul-11	5	7	$37.32	Yes	$45.50	$8.18
1918	21-Jul-11	5	8	$39.66	Yes	$45.50	$5.84
1919	21-Jul-11	5	9	$52.74	Yes	$45.50	-$7.24
1920	21-Jul-11	5	10	$61.99	Yes	$45.50	-$16.49
1921	21-Jul-11	5	11	$52.65	Yes	$45.50	-$7.15
1922	21-Jul-11	5	12	$52.65	Yes	$45.50	-$7.15
1923	21-Jul-11	6	1	$51.54	Yes	$45.50	-$6.04
1924	21-Jul-11	6	2	$37.27	Yes	$45.50	$8.23
1925	21-Jul-11	6	3	$37.27	Yes	$45.50	$8.23
1926	21-Jul-11	6	4	$37.36	Yes	$45.50	$8.14
1927	21-Jul-11	6	5	$37.36	Yes	$45.50	$8.14
1928	21-Jul-11	6	6	$39.67	Yes	$45.50	$5.83
1929	21-Jul-11	6	7	$52.90	Yes	$45.50	-$7.40
1930	21-Jul-11	6	8	$52.54	Yes	$45.50	-$7.04
1931	21-Jul-11	6	9	$52.54	Yes	$45.50	-$7.04

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1932	21-Jul-11	6	10	$45.50	Yes	$45.50	$0.00
1933	21-Jul-11	6	11	$52.88	Yes	$45.50	-$7.38
1934	21-Jul-11	6	12	$51.57	Yes	$45.50	-$6.07
1935	21-Jul-11	7	1	$28.96	Yes	$45.50	$16.54
1936	21-Jul-11	7	2	$28.96	Yes	$45.50	$16.54
1937	21-Jul-11	7	3	$28.96	Yes	$45.50	$16.54
1938	21-Jul-11	7	4	-$0.01	Yes	$45.50	$45.51
1939	21-Jul-11	7	5	$0.01	Yes	$45.50	$45.49
1940	21-Jul-11	7	6	$2.36	Yes	$45.50	$43.14
1941	21-Jul-11	7	7	-$0.01	Yes	$45.50	$45.51
1942	21-Jul-11	7	8	$0.01	Yes	$45.50	$45.49
1943	21-Jul-11	7	9	$2.36	Yes	$45.50	$43.14
1944	21-Jul-11	7	10	$25.96	Yes	$45.50	$19.54
1945	21-Jul-11	7	11	$25.96	Yes	$45.50	$19.54
1946	21-Jul-11	7	12	$0.54	Yes	$45.50	$44.96
1947	21-Jul-11	8	1	-$0.01	Yes	$45.50	$45.51
1948	21-Jul-11	8	2	$0.01	Yes	$45.50	$45.49
1949	21-Jul-11	8	3	$0.01	Yes	$45.50	$45.49
1950	21-Jul-11	8	4	$0.01	Yes	$45.50	$45.49
1951	21-Jul-11	8	5	$37.53	Yes	$45.50	$7.97
1952	21-Jul-11	8	6	$42.88	Yes	$45.50	$2.62
1953	21-Jul-11	8	7	-$0.01	Yes	$45.50	$45.51
1954	21-Jul-11	8	8	$0.01	Yes	$45.50	$45.49
1955	21-Jul-11	8	9	$0.01	Yes	$45.50	$45.49
1956	21-Jul-11	8	10	$0.01	Yes	$45.50	$45.49
1957	21-Jul-11	8	11	$0.01	Yes	$45.50	$45.49
1958	21-Jul-11	8	12	$0.01	Yes	$45.50	$45.49
1959	21-Jul-11	9	1	-$29.49	Yes	$45.50	$74.99
1960	21-Jul-11	9	2	-$29.55	Yes	$45.50	$75.05
1961	21-Jul-11	9	3	-$29.77	Yes	$45.50	$75.27
1962	21-Jul-11	9	4	-$29.90	Yes	$45.50	$75.40
1963	21-Jul-11	9	5	-$30.55	Yes	$45.50	$76.05
1964	21-Jul-11	9	6	-$29.68	Yes	$45.50	$75.18
1965	21-Jul-11	9	7	-$29.04	Yes	$45.50	$74.54
1966	21-Jul-11	9	8	-$21.06	Yes	$45.50	$66.56
1967	21-Jul-11	9	9	-$1.04	Yes	$45.50	$46.54
1968	21-Jul-11	9	10	$0.01	Yes	$45.50	$45.49
1969	21-Jul-11	9	11	$0.01	Yes	$45.50	$45.49
1970	21-Jul-11	9	12	-$29.25	Yes	$45.50	$74.75
1971	21-Jul-11	10	1	-$29.95	Yes	$45.50	$75.45
1972	21-Jul-11	10	2	-$30.27	Yes	$45.50	$75.77
1973	21-Jul-11	10	3	-$29.35	Yes	$45.50	$74.85
1974	21-Jul-11	10	4	-$30.35	Yes	$45.50	$75.85
1975	21-Jul-11	10	5	-$29.48	Yes	$45.50	$74.98
1976	21-Jul-11	10	6	-$21.52	Yes	$45.50	$67.02

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1977	21-Jul-11	10	7	-$10.90	Yes	$45.50	$56.40
1978	21-Jul-11	10	8	-$0.01	Yes	$45.50	$45.51
1979	21-Jul-11	10	9	-$0.01	Yes	$45.50	$45.51
1980	21-Jul-11	10	10	$0.01	Yes	$45.50	$45.49
1981	21-Jul-11	10	11	$19.93	Yes	$45.50	$25.57
1982	21-Jul-11	10	12	$0.01	Yes	$45.50	$45.49
1983	21-Jul-11	11	1	-$10.82	Yes	$45.50	$56.32
1984	21-Jul-11	11	1	-$10.82	Yes	$45.50	$56.32
1985	21-Jul-11	11	2	-$1.06	Yes	$45.50	$46.56
1986	21-Jul-11	11	2	-$1.06	Yes	$45.50	$46.56
1987	21-Jul-11	11	3	-$1.06	Yes	$45.50	$46.56
1988	21-Jul-11	11	3	-$1.06	Yes	$45.50	$46.56
1989	21-Jul-11	11	4	-$1.06	Yes	$45.50	$46.56
1990	21-Jul-11	11	4	-$1.06	Yes	$45.50	$46.56
1991	21-Jul-11	11	5	-$29.37	Yes	$45.50	$74.87
1992	21-Jul-11	11	5	-$29.37	Yes	$45.50	$74.87
1993	21-Jul-11	11	6	$8.08	Yes	$45.50	$37.42
1994	21-Jul-11	11	6	$8.08	Yes	$45.50	$37.42
1995	21-Jul-11	11	7	-$0.01	Yes	$45.50	$45.51
1996	21-Jul-11	11	7	-$0.01	Yes	$45.50	$45.51
1997	21-Jul-11	11	8	$25.03	Yes	$45.50	$20.47
1998	21-Jul-11	11	8	$25.03	Yes	$45.50	$20.47
1999	21-Jul-11	11	9	$19.96	Yes	$45.50	$25.54
2000	21-Jul-11	11	9	$19.96	Yes	$45.50	$25.54
2001	21-Jul-11	11	10	$19.97	Yes	$45.50	$25.53
2002	21-Jul-11	11	10	$19.97	Yes	$45.50	$25.53
2003	21-Jul-11	11	11	$0.01	Yes	$45.50	$45.49
2004	21-Jul-11	11	11	$0.01	Yes	$45.50	$45.49
2005	21-Jul-11	11	12	$25.24	Yes	$45.50	$20.26
2006	21-Jul-11	11	12	$25.24	Yes	$45.50	$20.26
2007	21-Jul-11	12	1	$30.75	Yes	$45.50	$14.75
2008	21-Jul-11	12	1	$30.75	Yes	$45.50	$14.75
2009	21-Jul-11	12	2	$32.02	Yes	$45.50	$13.48
2010	21-Jul-11	12	2	$32.02	Yes	$45.50	$13.48
2011	21-Jul-11	12	3	$0.71	Yes	$45.50	$44.79
2012	21-Jul-11	12	3	$0.71	Yes	$45.50	$44.79
2013	21-Jul-11	12	4	$19.87	Yes	$45.50	$25.63
2014	21-Jul-11	12	4	$19.87	Yes	$45.50	$25.63
2015	21-Jul-11	12	5	$0.20	Yes	$45.50	$45.30
2016	21-Jul-11	12	5	$0.20	Yes	$45.50	$45.30
2017	21-Jul-11	12	6	$18.34	Yes	$45.50	$27.16
2018	21-Jul-11	12	6	$18.34	Yes	$45.50	$27.16
2019	21-Jul-11	12	7	$13.31	Yes	$45.50	$32.19
2020	21-Jul-11	12	7	$13.31	Yes	$45.50	$32.19
2021	21-Jul-11	12	8	$20.43	Yes	$45.50	$25.07

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2022	21-Jul-11	12	8	$20.43	Yes	$45.50	$25.07
2023	21-Jul-11	12	9	$20.08	Yes	$45.50	$25.42
2024	21-Jul-11	12	9	$20.08	Yes	$45.50	$25.42
2025	21-Jul-11	12	10	$20.09	Yes	$45.50	$25.41
2026	21-Jul-11	12	10	$20.09	Yes	$45.50	$25.41
2027	21-Jul-11	12	11	$20.63	Yes	$45.50	$24.87
2028	21-Jul-11	12	11	$20.63	Yes	$45.50	$24.87
2029	21-Jul-11	12	12	$22.67	Yes	$45.50	$22.83
2030	21-Jul-11	12	12	$22.67	Yes	$45.50	$22.83
2031	21-Jul-11	13	1	$0.01	Yes	$45.50	$45.49
2032	21-Jul-11	13	1	$0.01	Yes	$45.50	$45.49
2033	21-Jul-11	13	2	$0.01	Yes	$45.50	$45.49
2034	21-Jul-11	13	2	$0.01	Yes	$45.50	$45.49
2035	21-Jul-11	13	3	$10.26	Yes	$45.50	$35.24
2036	21-Jul-11	13	3	$10.26	Yes	$45.50	$35.24
2037	21-Jul-11	13	4	$15.53	Yes	$45.50	$29.97
2038	21-Jul-11	13	4	$15.53	Yes	$45.50	$29.97
2039	21-Jul-11	13	5	$15.66	Yes	$45.50	$29.84
2040	21-Jul-11	13	5	$15.66	Yes	$45.50	$29.84
2041	21-Jul-11	13	6	$19.32	Yes	$45.50	$26.18
2042	21-Jul-11	13	6	$19.32	Yes	$45.50	$26.18
2043	21-Jul-11	13	7	$20.63	Yes	$45.50	$24.87
2044	21-Jul-11	13	7	$20.63	Yes	$45.50	$24.87
2045	21-Jul-11	13	8	$21.04	Yes	$45.50	$24.46
2046	21-Jul-11	13	8	$21.04	Yes	$45.50	$24.46
2047	21-Jul-11	13	9	$32.98	Yes	$45.50	$12.52
2048	21-Jul-11	13	9	$32.98	Yes	$45.50	$12.52
2049	21-Jul-11	13	10	$29.80	Yes	$45.50	$15.70
2050	21-Jul-11	13	10	$29.80	Yes	$45.50	$15.70
2051	21-Jul-11	13	11	$31.12	Yes	$45.50	$14.38
2052	21-Jul-11	13	11	$31.12	Yes	$45.50	$14.38
2053	21-Jul-11	13	12	$31.12	Yes	$45.50	$14.38
2054	21-Jul-11	13	12	$31.12	Yes	$45.50	$14.38
2055	21-Jul-11	14	1	$19.72	Yes	$45.50	$25.78
2056	21-Jul-11	14	1	$19.72	Yes	$45.50	$25.78
2057	21-Jul-11	14	2	$19.72	Yes	$45.50	$25.78
2058	21-Jul-11	14	2	$19.72	Yes	$45.50	$25.78
2059	21-Jul-11	14	3	$19.80	Yes	$45.50	$25.70
2060	21-Jul-11	14	3	$19.80	Yes	$45.50	$25.70
2061	21-Jul-11	14	4	$13.48	Yes	$45.50	$32.02
2062	21-Jul-11	14	4	$13.48	Yes	$45.50	$32.02
2063	21-Jul-11	14	5	$16.04	Yes	$45.50	$29.46
2064	21-Jul-11	14	5	$16.04	Yes	$45.50	$29.46
2065	21-Jul-11	14	6	$20.75	Yes	$45.50	$24.75
2066	21-Jul-11	14	6	$20.75	Yes	$45.50	$24.75

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2067	21-Jul-11	14	7	$20.99	Yes	$45.50	$24.51
2068	21-Jul-11	14	7	$20.99	Yes	$45.50	$24.51
2069	21-Jul-11	14	8	$24.13	Yes	$45.50	$21.37
2070	21-Jul-11	14	8	$24.13	Yes	$45.50	$21.37
2071	21-Jul-11	14	9	$26.23	Yes	$45.50	$19.27
2072	21-Jul-11	14	9	$26.23	Yes	$45.50	$19.27
2073	21-Jul-11	14	10	$28.82	Yes	$45.50	$16.68
2074	21-Jul-11	14	10	$28.82	Yes	$45.50	$16.68
2075	21-Jul-11	14	11	$27.10	Yes	$45.50	$18.40
2076	21-Jul-11	14	11	$27.10	Yes	$45.50	$18.40
2077	21-Jul-11	14	12	$27.48	Yes	$45.50	$18.02
2078	21-Jul-11	14	12	$27.48	Yes	$45.50	$18.02
2079	21-Jul-11	15	1	$26.77	Yes	$45.50	$18.73
2080	21-Jul-11	15	1	$26.77	Yes	$45.50	$18.73
2081	21-Jul-11	15	2	$26.77	Yes	$45.50	$18.73
2082	21-Jul-11	15	2	$26.77	Yes	$45.50	$18.73
2083	21-Jul-11	15	3	$27.93	Yes	$45.50	$17.57
2084	21-Jul-11	15	3	$27.93	Yes	$45.50	$17.57
2085	21-Jul-11	15	4	$31.59	Yes	$45.50	$13.91
2086	21-Jul-11	15	4	$31.59	Yes	$45.50	$13.91
2087	21-Jul-11	15	5	$30.52	Yes	$45.50	$14.98
2088	21-Jul-11	15	5	$30.52	Yes	$45.50	$14.98
2089	21-Jul-11	15	6	$34.11	Yes	$45.50	$11.39
2090	21-Jul-11	15	6	$34.11	Yes	$45.50	$11.39
2091	21-Jul-11	15	7	$32.92	Yes	$45.50	$12.58
2092	21-Jul-11	15	7	$32.92	Yes	$45.50	$12.58
2093	21-Jul-11	15	8	$32.98	Yes	$45.50	$12.52
2094	21-Jul-11	15	8	$32.98	Yes	$45.50	$12.52
2095	21-Jul-11	15	9	$32.17	Yes	$45.50	$13.33
2096	21-Jul-11	15	9	$32.17	Yes	$45.50	$13.33
2097	21-Jul-11	15	10	$32.73	Yes	$45.50	$12.77
2098	21-Jul-11	15	10	$32.73	Yes	$45.50	$12.77
2099	21-Jul-11	15	11	$33.64	Yes	$45.50	$11.86
2100	21-Jul-11	15	11	$33.64	Yes	$45.50	$11.86
2101	21-Jul-11	15	12	$34.09	Yes	$45.50	$11.41
2102	21-Jul-11	15	12	$34.09	Yes	$45.50	$11.41
2103	21-Jul-11	16	1	$33.32	Yes	$45.50	$12.18
2104	21-Jul-11	16	1	$33.32	Yes	$45.50	$12.18
2105	21-Jul-11	16	2	$33.32	Yes	$45.50	$12.18
2106	21-Jul-11	16	2	$33.32	Yes	$45.50	$12.18
2107	21-Jul-11	16	3	$33.40	Yes	$45.50	$12.10
2108	21-Jul-11	16	3	$33.40	Yes	$45.50	$12.10
2109	21-Jul-11	16	4	$34.36	Yes	$45.50	$11.14
2110	21-Jul-11	16	4	$34.36	Yes	$45.50	$11.14
2111	21-Jul-11	16	5	$39.77	Yes	$45.50	$5.73

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2112	21-Jul-11	16	5	$39.77	Yes	$45.50	$5.73
2113	21-Jul-11	16	6	$37.41	Yes	$45.50	$8.09
2114	21-Jul-11	16	6	$37.41	Yes	$45.50	$8.09
2115	21-Jul-11	16	7	$39.10	Yes	$45.50	$6.40
2116	21-Jul-11	16	7	$39.10	Yes	$45.50	$6.40
2117	21-Jul-11	16	8	$46.91	Yes	$45.50	-$1.41
2118	21-Jul-11	16	8	$46.91	Yes	$45.50	-$1.41
2119	21-Jul-11	16	9	$45.50	Yes	$45.50	$0.00
2120	21-Jul-11	16	9	$45.50	Yes	$45.50	$0.00
2121	21-Jul-11	16	10	$46.92	Yes	$45.50	-$1.42
2122	21-Jul-11	16	10	$46.92	Yes	$45.50	-$1.42
2123	21-Jul-11	16	11	$45.50	Yes	$45.50	$0.00
2124	21-Jul-11	16	11	$45.50	Yes	$45.50	$0.00
2125	21-Jul-11	16	12	$47.25	Yes	$45.50	-$1.75
2126	21-Jul-11	16	12	$47.25	Yes	$45.50	-$1.75
2127	21-Jul-11	17	1	$126.86	Yes	$45.50	-$81.36
2128	21-Jul-11	17	1	$126.86	Yes	$45.50	-$81.36
2129	21-Jul-11	17	2	$124.84	Yes	$45.50	-$79.34
2130	21-Jul-11	17	2	$124.84	Yes	$45.50	-$79.34
2131	21-Jul-11	17	3	$55.65	Yes	$45.50	-$10.15
2132	21-Jul-11	17	3	$55.65	Yes	$45.50	-$10.15
2133	21-Jul-11	17	4	$58.45	Yes	$45.50	-$12.95
2134	21-Jul-11	17	4	$58.45	Yes	$45.50	-$12.95
2135	21-Jul-11	17	5	$55.56	Yes	$45.50	-$10.06
2136	21-Jul-11	17	5	$55.56	Yes	$45.50	-$10.06
2137	21-Jul-11	17	6	$124.74	Yes	$45.50	-$79.24
2138	21-Jul-11	17	6	$124.74	Yes	$45.50	-$79.24
2139	21-Jul-11	17	7	$65.17	Yes	$45.50	-$19.67
2140	21-Jul-11	17	7	$65.17	Yes	$45.50	-$19.67
2141	21-Jul-11	17	8	$56.43	Yes	$45.50	-$10.93
2142	21-Jul-11	17	8	$56.43	Yes	$45.50	-$10.93
2143	21-Jul-11	17	9	$61.29	Yes	$45.50	-$15.79
2144	21-Jul-11	17	9	$61.29	Yes	$45.50	-$15.79
2145	21-Jul-11	17	10	$62.32	Yes	$45.50	-$16.82
2146	21-Jul-11	17	10	$62.32	Yes	$45.50	-$16.82
2147	21-Jul-11	17	11	$63.91	Yes	$45.50	-$18.41
2148	21-Jul-11	17	11	$63.91	Yes	$45.50	-$18.41
2149	21-Jul-11	17	12	$55.12	Yes	$45.50	-$9.62
2150	21-Jul-11	17	12	$55.12	Yes	$45.50	-$9.62
2151	21-Jul-11	18	1	$33.04	Yes	$45.50	$12.46
2152	21-Jul-11	18	1	$33.04	Yes	$45.50	$12.46
2153	21-Jul-11	18	2	$34.26	Yes	$45.50	$11.24
2154	21-Jul-11	18	2	$34.26	Yes	$45.50	$11.24
2155	21-Jul-11	18	3	$32.87	Yes	$45.50	$12.63
2156	21-Jul-11	18	3	$32.87	Yes	$45.50	$12.63

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2157	21-Jul-11	18	4	$34.69	Yes	$45.50	$10.81
2158	21-Jul-11	18	4	$34.69	Yes	$45.50	$10.81
2159	21-Jul-11	18	5	$34.69	Yes	$45.50	$10.81
2160	21-Jul-11	18	5	$34.69	Yes	$45.50	$10.81
2161	21-Jul-11	18	6	$34.69	Yes	$45.50	$10.81
2162	21-Jul-11	18	6	$34.69	Yes	$45.50	$10.81
2163	21-Jul-11	18	7	$40.59	Yes	$45.50	$4.91
2164	21-Jul-11	18	7	$40.59	Yes	$45.50	$4.91
2165	21-Jul-11	18	8	$34.36	Yes	$45.50	$11.14
2166	21-Jul-11	18	8	$34.36	Yes	$45.50	$11.14
2167	21-Jul-11	18	9	$35.22	Yes	$45.50	$10.28
2168	21-Jul-11	18	9	$35.22	Yes	$45.50	$10.28
2169	21-Jul-11	18	10	$33.04	Yes	$45.50	$12.46
2170	21-Jul-11	18	10	$33.04	Yes	$45.50	$12.46
2171	21-Jul-11	18	11	$27.35	Yes	$45.50	$18.15
2172	21-Jul-11	18	11	$27.35	Yes	$45.50	$18.15
2173	21-Jul-11	18	12	$27.30	Yes	$45.50	$18.20
2174	21-Jul-11	18	12	$27.30	Yes	$45.50	$18.20
2175	21-Jul-11	19	1	$31.11	Yes	$45.50	$14.39
2176	21-Jul-11	19	1	$31.11	Yes	$45.50	$14.39
2177	21-Jul-11	19	2	$31.11	Yes	$45.50	$14.39
2178	21-Jul-11	19	2	$31.11	Yes	$45.50	$14.39
2179	21-Jul-11	19	3	$34.30	Yes	$45.50	$11.20
2180	21-Jul-11	19	3	$34.30	Yes	$45.50	$11.20
2181	21-Jul-11	19	4	$32.57	Yes	$45.50	$12.93
2182	21-Jul-11	19	4	$32.57	Yes	$45.50	$12.93
2183	21-Jul-11	19	5	$31.21	Yes	$45.50	$14.29
2184	21-Jul-11	19	5	$31.21	Yes	$45.50	$14.29
2185	21-Jul-11	19	6	$31.21	Yes	$45.50	$14.29
2186	21-Jul-11	19	6	$31.21	Yes	$45.50	$14.29
2187	21-Jul-11	19	7	$29.96	Yes	$45.50	$15.54
2188	21-Jul-11	19	7	$29.96	Yes	$45.50	$15.54
2189	21-Jul-11	19	8	$29.96	Yes	$45.50	$15.54
2190	21-Jul-11	19	8	$29.96	Yes	$45.50	$15.54
2191	21-Jul-11	19	9	$29.96	Yes	$45.50	$15.54
2192	21-Jul-11	19	9	$29.96	Yes	$45.50	$15.54
2193	21-Jul-11	19	10	$26.34	Yes	$45.50	$19.16
2194	21-Jul-11	19	10	$26.34	Yes	$45.50	$19.16
2195	21-Jul-11	19	11	$21.22	Yes	$45.50	$24.28
2196	21-Jul-11	19	11	$21.22	Yes	$45.50	$24.28
2197	21-Jul-11	19	12	$17.73	Yes	$45.50	$27.77
2198	21-Jul-11	19	12	$17.73	Yes	$45.50	$27.77
2199	21-Jul-11	20	1	$32.61	Yes	$45.50	$12.89
2200	21-Jul-11	20	1	$32.61	Yes	$45.50	$12.89
2201	21-Jul-11	20	2	$32.61	Yes	$45.50	$12.89

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2202	21-Jul-11	20	2	$32.61	Yes	$45.50	$12.89
2203	21-Jul-11	20	3	$25.60	Yes	$45.50	$19.90
2204	21-Jul-11	20	3	$25.60	Yes	$45.50	$19.90
2205	21-Jul-11	20	4	$27.27	Yes	$45.50	$18.23
2206	21-Jul-11	20	4	$27.27	Yes	$45.50	$18.23
2207	21-Jul-11	20	5	$28.57	Yes	$45.50	$16.93
2208	21-Jul-11	20	5	$28.57	Yes	$45.50	$16.93
2209	21-Jul-11	20	6	$30.71	Yes	$45.50	$14.79
2210	21-Jul-11	20	6	$30.71	Yes	$45.50	$14.79
2211	21-Jul-11	20	7	$30.74	Yes	$45.50	$14.76
2212	21-Jul-11	20	7	$30.74	Yes	$45.50	$14.76
2213	21-Jul-11	20	8	$28.61	Yes	$45.50	$16.89
2214	21-Jul-11	20	8	$28.61	Yes	$45.50	$16.89
2215	21-Jul-11	20	9	$27.23	Yes	$45.50	$18.27
2216	21-Jul-11	20	9	$27.23	Yes	$45.50	$18.27
2217	21-Jul-11	20	10	$20.78	Yes	$45.50	$24.72
2218	21-Jul-11	20	10	$20.78	Yes	$45.50	$24.72
2219	21-Jul-11	20	11	$25.77	Yes	$45.50	$19.73
2220	21-Jul-11	20	11	$25.77	Yes	$45.50	$19.73
2221	21-Jul-11	20	12	$22.77	Yes	$45.50	$22.73
2222	21-Jul-11	20	12	$22.77	Yes	$45.50	$22.73
2223	21-Jul-11	21	1	$32.70	Yes	$45.50	$12.80
2224	21-Jul-11	21	1	$32.70	Yes	$45.50	$12.80
2225	21-Jul-11	21	2	$33.72	Yes	$45.50	$11.78
2226	21-Jul-11	21	2	$33.72	Yes	$45.50	$11.78
2227	21-Jul-11	21	3	$34.40	Yes	$45.50	$11.10
2228	21-Jul-11	21	3	$34.40	Yes	$45.50	$11.10
2229	21-Jul-11	21	4	$35.20	Yes	$45.50	$10.30
2230	21-Jul-11	21	4	$35.20	Yes	$45.50	$10.30
2231	21-Jul-11	21	5	$34.56	Yes	$45.50	$10.94
2232	21-Jul-11	21	5	$34.56	Yes	$45.50	$10.94
2233	21-Jul-11	21	6	$34.36	Yes	$45.50	$11.14
2234	21-Jul-11	21	6	$34.36	Yes	$45.50	$11.14
2235	21-Jul-11	21	7	$32.38	Yes	$45.50	$13.12
2236	21-Jul-11	21	7	$32.38	Yes	$45.50	$13.12
2237	21-Jul-11	21	8	$32.38	Yes	$45.50	$13.12
2238	21-Jul-11	21	8	$32.38	Yes	$45.50	$13.12
2239	21-Jul-11	21	9	$32.38	Yes	$45.50	$13.12
2240	21-Jul-11	21	9	$32.38	Yes	$45.50	$13.12
2241	21-Jul-11	21	10	$31.95	Yes	$45.50	$13.55
2242	21-Jul-11	21	10	$31.95	Yes	$45.50	$13.55
2243	21-Jul-11	21	11	$31.89	Yes	$45.50	$13.61
2244	21-Jul-11	21	11	$31.89	Yes	$45.50	$13.61
2245	21-Jul-11	21	12	$29.46	Yes	$45.50	$16.04
2246	21-Jul-11	21	12	$29.46	Yes	$45.50	$16.04

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2247	21-Jul-11	22	1	$38.78	Yes	$45.50	$6.72
2248	21-Jul-11	22	2	$38.19	Yes	$45.50	$7.31
2249	21-Jul-11	22	3	$34.42	Yes	$45.50	$11.08
2250	21-Jul-11	22	4	$33.45	Yes	$45.50	$12.05
2251	21-Jul-11	22	5	$32.02	Yes	$45.50	$13.48
2252	21-Jul-11	22	6	$29.95	Yes	$45.50	$15.55
2253	21-Jul-11	22	7	$29.29	Yes	$45.50	$16.21
2254	21-Jul-11	22	8	$27.82	Yes	$45.50	$17.68
2255	21-Jul-11	22	9	$28.06	Yes	$45.50	$17.44
2256	21-Jul-11	22	10	$20.31	Yes	$45.50	$25.19
2257	21-Jul-11	22	11	$20.12	Yes	$45.50	$25.38
2258	21-Jul-11	22	12	$14.39	Yes	$45.50	$31.11
2259	21-Jul-11	23	1	$38.75	Yes	$45.50	$6.75
2260	21-Jul-11	23	2	$41.34	Yes	$45.50	$4.16
2261	21-Jul-11	23	3	$46.45	Yes	$45.50	-$0.95
2262	21-Jul-11	23	4	$43.34	Yes	$45.50	$2.16
2263	21-Jul-11	23	5	$39.48	Yes	$45.50	$6.02
2264	21-Jul-11	23	6	$35.51	Yes	$45.50	$9.99
2265	21-Jul-11	23	7	$34.21	Yes	$45.50	$11.29
2266	21-Jul-11	23	8	$34.30	Yes	$45.50	$11.20
2267	21-Jul-11	23	9	$32.22	Yes	$45.50	$13.28
2268	21-Jul-11	23	10	$19.52	Yes	$45.50	$25.98
2269	21-Jul-11	23	11	$31.80	Yes	$45.50	$13.70
2270	21-Jul-11	23	12	$16.93	Yes	$45.50	$28.57
2271	21-Jul-11	24	1	$29.65	Yes	$44.86	$15.21
2272	21-Jul-11	24	2	$51.60	Yes	$44.86	-$6.74
2273	21-Jul-11	24	3	$38.19	Yes	$44.86	$6.67
2274	21-Jul-11	24	4	$38.57	Yes	$44.86	$6.29
2275	21-Jul-11	24	5	$38.72	Yes	$44.86	$6.14
2276	21-Jul-11	24	6	$38.72	Yes	$44.86	$6.14
2277	21-Jul-11	24	7	$40.10	Yes	$44.86	$4.76
2278	21-Jul-11	24	8	$38.28	Yes	$44.86	$6.58
2279	21-Jul-11	24	9	$38.26	Yes	$44.86	$6.60
2280	21-Jul-11	24	10	$51.31	Yes	$44.86	-$6.45
2281	21-Jul-11	24	11	$40.14	Yes	$44.86	$4.72
2282	21-Jul-11	24	12	$22.67	Yes	$44.86	$22.19
2283	29-Jul-11	22	4	$30.51	Yes	$52.12	$21.61
2284	29-Jul-11	22	5	$30.51	Yes	$52.12	$21.61
2285	29-Jul-11	22	6	$28.78	Yes	$52.12	$23.34
2286	29-Jul-11	22	7	$29.55	Yes	$52.12	$22.57
2287	29-Jul-11	22	8	$29.55	Yes	$52.12	$22.57
2288	29-Jul-11	22	9	$22.87	Yes	$52.12	$29.25
2289	29-Jul-11	22	10	$0.98	Yes	$52.12	$51.14
2290	29-Jul-11	22	11	$5.29	Yes	$52.12	$46.83
2291	29-Jul-11	22	12	$0.01	Yes	$52.12	$52.11

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2292	29-Jul-11	23	1	$29.50	Yes	$52.12	$22.62
2293	29-Jul-11	23	2	$31.01	Yes	$52.12	$21.11
2294	29-Jul-11	23	3	$33.12	Yes	$52.12	$19.00
2295	29-Jul-11	23	4	$30.56	Yes	$52.12	$21.56
2296	29-Jul-11	23	5	$31.65	Yes	$52.12	$20.47
2297	29-Jul-11	23	6	$31.65	Yes	$52.12	$20.47
2298	29-Jul-11	23	7	$28.57	Yes	$52.12	$23.55
2299	29-Jul-11	23	8	$0.01	Yes	$52.12	$52.11
2300	29-Jul-11	23	9	$0.01	Yes	$52.12	$52.11
2301	29-Jul-11	23	10	$0.01	Yes	$52.12	$52.11
2302	29-Jul-11	23	11	$0.01	Yes	$52.12	$52.11
2303	29-Jul-11	23	12	-$22.46	Yes	$52.12	$74.58
2304	29-Jul-11	24	1	$0.01	Yes	$43.60	$43.59
2305	29-Jul-11	24	2	$0.01	Yes	$43.60	$43.59
2306	29-Jul-11	24	3	-$30.37	Yes	$43.60	$73.97
2307	29-Jul-11	24	4	-$6.56	Yes	$43.60	$50.16
2308	29-Jul-11	24	5	$0.00	Yes	$43.60	$43.60
2309	29-Jul-11	24	6	$0.01	Yes	$43.60	$43.59
2310	29-Jul-11	24	7	-$11.14	Yes	$43.60	$54.74
2311	29-Jul-11	24	8	-$1.08	Yes	$43.60	$44.68
2312	29-Jul-11	24	9	$32.34	Yes	$43.60	$11.26
2313	29-Jul-11	24	10	$33.30	Yes	$43.60	$10.30
2314	29-Jul-11	24	11	$32.34	Yes	$43.60	$11.26
2315	29-Jul-11	24	12	$27.51	Yes	$43.60	$16.09
2316	30-Jul-11	1	1	$33.31	Yes	$43.60	$10.29
2317	30-Jul-11	1	2	$39.15	Yes	$43.60	$4.45
2318	30-Jul-11	1	3	$44.30	Yes	$43.60	-$0.70
2319	30-Jul-11	1	4	$32.61	Yes	$43.60	$10.99
2320	30-Jul-11	1	5	$34.70	Yes	$43.60	$8.90
2321	30-Jul-11	1	6	$33.31	Yes	$43.60	$10.29
2322	30-Jul-11	1	7	$32.35	Yes	$43.60	$11.25
2323	30-Jul-11	1	8	$30.79	Yes	$43.60	$12.81
2324	30-Jul-11	1	9	$5.24	Yes	$43.60	$38.36
2325	30-Jul-11	1	10	$33.85	Yes	$43.60	$9.75
2326	30-Jul-11	1	11	$33.29	Yes	$43.60	$10.31
2327	30-Jul-11	1	12	$35.78	Yes	$43.60	$7.82
2328	30-Jul-11	2	1	$0.01	Yes	$43.60	$43.59
2329	30-Jul-11	2	2	$28.06	Yes	$43.60	$15.54
2330	30-Jul-11	2	3	$22.21	Yes	$43.60	$21.39
2331	30-Jul-11	2	4	$46.95	Yes	$43.60	-$3.35
2332	30-Jul-11	2	5	$44.30	Yes	$43.60	-$0.70
2333	30-Jul-11	2	6	$44.30	Yes	$43.60	-$0.70
2334	30-Jul-11	2	7	$30.68	Yes	$43.60	$12.92
2335	30-Jul-11	2	8	$30.68	Yes	$43.60	$12.92
2336	30-Jul-11	2	9	$30.68	Yes	$43.60	$12.92

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2337	30-Jul-11	2	10	$33.51	Yes	$43.60	$10.09
2338	30-Jul-11	2	11	$34.02	Yes	$43.60	$9.58
2339	30-Jul-11	2	12	$33.51	Yes	$43.60	$10.09
2340	30-Jul-11	3	1	$27.91	Yes	$43.60	$15.69
2341	30-Jul-11	3	2	$27.91	Yes	$43.60	$15.69
2342	30-Jul-11	3	3	$27.91	Yes	$43.60	$15.69
2343	30-Jul-11	3	4	$32.15	Yes	$43.60	$11.45
2344	30-Jul-11	3	5	$29.01	Yes	$43.60	$14.59
2345	30-Jul-11	3	6	$18.94	Yes	$43.60	$24.66
2346	30-Jul-11	3	7	$14.95	Yes	$43.60	$28.65
2347	30-Jul-11	3	8	$0.09	Yes	$43.60	$43.51
2348	30-Jul-11	3	9	$0.01	Yes	$43.60	$43.59
2349	30-Jul-11	3	10	$0.01	Yes	$43.60	$43.59
2350	30-Jul-11	3	11	$0.01	Yes	$43.60	$43.59
2351	30-Jul-11	3	12	$18.91	Yes	$43.60	$24.69
2352	30-Jul-11	4	1	$27.99	Yes	$43.60	$15.61
2353	30-Jul-11	4	2	$32.20	Yes	$43.60	$11.40
2354	30-Jul-11	4	3	$32.33	Yes	$43.60	$11.27
2355	30-Jul-11	4	4	$30.65	Yes	$43.60	$12.95
2356	30-Jul-11	4	5	$30.65	Yes	$43.60	$12.95
2357	30-Jul-11	4	6	$30.65	Yes	$43.60	$12.95
2358	30-Jul-11	4	7	$28.14	Yes	$43.60	$15.46
2359	30-Jul-11	4	8	$28.53	Yes	$43.60	$15.07
2360	30-Jul-11	4	9	$28.14	Yes	$43.60	$15.46
2361	30-Jul-11	4	10	$30.65	Yes	$43.60	$12.95
2362	30-Jul-11	4	11	$28.26	Yes	$43.60	$15.34
2363	30-Jul-11	4	12	$28.06	Yes	$43.60	$15.54
2364	30-Jul-11	5	1	$35.75	Yes	$43.60	$7.85
2365	30-Jul-11	5	2	$28.35	Yes	$43.60	$15.25
2366	30-Jul-11	5	3	$28.55	Yes	$43.60	$15.05
2367	30-Jul-11	5	4	$30.58	Yes	$43.60	$13.02
2368	30-Jul-11	5	5	$30.58	Yes	$43.60	$13.02
2369	30-Jul-11	5	6	$32.75	Yes	$43.60	$10.85
2370	30-Jul-11	5	7	$32.25	Yes	$43.60	$11.35
2371	30-Jul-11	5	8	$32.25	Yes	$43.60	$11.35
2372	30-Jul-11	5	9	$32.25	Yes	$43.60	$11.35
2373	30-Jul-11	5	10	$32.23	Yes	$43.60	$11.37
2374	30-Jul-11	5	11	$34.08	Yes	$43.60	$9.52
2375	30-Jul-11	5	12	$32.84	Yes	$43.60	$10.76
2376	30-Jul-11	6	1	$30.69	Yes	$43.60	$12.91
2377	30-Jul-11	6	2	$30.69	Yes	$43.60	$12.91
2378	30-Jul-11	6	3	$32.25	Yes	$43.60	$11.35
2379	30-Jul-11	6	4	$30.76	Yes	$43.60	$12.84
2380	30-Jul-11	6	5	$32.22	Yes	$43.60	$11.38
2381	30-Jul-11	6	6	$32.32	Yes	$43.60	$11.28

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2382	30-Jul-11	6	7	$32.31	Yes	$43.60	$11.29
2383	30-Jul-11	6	8	$32.31	Yes	$43.60	$11.29
2384	30-Jul-11	6	9	$32.31	Yes	$43.60	$11.29
2385	30-Jul-11	6	10	$32.33	Yes	$43.60	$11.27
2386	30-Jul-11	6	11	$0.00	Yes	$43.60	$43.60
2387	30-Jul-11	6	12	-$1.08	Yes	$43.60	$44.68
2388	30-Jul-11	7	1	$0.01	Yes	$43.60	$43.59
2389	30-Jul-11	7	2	-$1.09	Yes	$43.60	$44.69
2390	30-Jul-11	7	3	$0.01	Yes	$43.60	$43.59
2391	30-Jul-11	7	4	$0.01	Yes	$43.60	$43.59
2392	30-Jul-11	7	5	$0.01	Yes	$43.60	$43.59
2393	30-Jul-11	7	6	$0.10	Yes	$43.60	$43.50
2394	30-Jul-11	7	7	$0.01	Yes	$43.60	$43.59
2395	30-Jul-11	7	8	$0.01	Yes	$43.60	$43.59
2396	30-Jul-11	7	9	$0.01	Yes	$43.60	$43.59
2397	30-Jul-11	7	10	$0.01	Yes	$43.60	$43.59
2398	30-Jul-11	7	11	$0.01	Yes	$43.60	$43.59
2399	30-Jul-11	7	12	$0.01	Yes	$43.60	$43.59
2400	30-Jul-11	8	1	$0.01	Yes	$43.60	$43.59
2401	30-Jul-11	8	2	$0.01	Yes	$43.60	$43.59
2402	30-Jul-11	8	3	$5.31	Yes	$43.60	$38.29
2403	30-Jul-11	8	4	$5.37	Yes	$43.60	$38.23
2404	30-Jul-11	8	5	$24.96	Yes	$43.60	$18.64
2405	30-Jul-11	8	6	$24.96	Yes	$43.60	$18.64
2406	30-Jul-11	8	7	$0.01	Yes	$43.60	$43.59
2407	30-Jul-11	8	8	$0.01	Yes	$43.60	$43.59
2408	30-Jul-11	8	9	$0.01	Yes	$43.60	$43.59
2409	30-Jul-11	8	10	$5.46	Yes	$43.60	$38.14
2410	30-Jul-11	8	11	$0.01	Yes	$43.60	$43.59
2411	30-Jul-11	8	12	$0.01	Yes	$43.60	$43.59
2412	30-Jul-11	9	1	$0.00	Yes	$43.60	$43.60
2413	30-Jul-11	9	2	$0.00	Yes	$43.60	$43.60
2414	30-Jul-11	9	3	-$11.12	Yes	$43.60	$54.72
2415	30-Jul-11	9	4	-$1.10	Yes	$43.60	$44.70
2416	30-Jul-11	9	5	-$1.10	Yes	$43.60	$44.70
2417	30-Jul-11	9	6	$0.01	Yes	$43.60	$43.59
2418	30-Jul-11	9	7	$0.01	Yes	$43.60	$43.59
2419	30-Jul-11	9	8	$0.01	Yes	$43.60	$43.59
2420	30-Jul-11	9	9	$5.45	Yes	$43.60	$38.15
2421	30-Jul-11	9	10	$0.43	Yes	$43.60	$43.17
2422	30-Jul-11	9	11	$0.10	Yes	$43.60	$43.50
2423	30-Jul-11	9	12	$0.01	Yes	$43.60	$43.59
2424	30-Jul-11	10	1	-$31.48	Yes	$43.60	$75.08
2425	30-Jul-11	10	2	-$30.76	Yes	$43.60	$74.36
2426	30-Jul-11	10	3	-$6.62	Yes	$43.60	$50.22

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2427	30-Jul-11	10	4	-$6.60	Yes	$43.60	$50.20
2428	30-Jul-11	10	5	-$2.16	Yes	$43.60	$45.76
2429	30-Jul-11	10	6	-$2.16	Yes	$43.60	$45.76
2430	30-Jul-11	10	7	$0.00	Yes	$43.60	$43.60
2431	30-Jul-11	10	8	$0.00	Yes	$43.60	$43.60
2432	30-Jul-11	10	9	$0.01	Yes	$43.60	$43.59
2433	30-Jul-11	10	10	$0.01	Yes	$43.60	$43.59
2434	30-Jul-11	10	11	$0.01	Yes	$43.60	$43.59
2435	30-Jul-11	10	12	$0.01	Yes	$43.60	$43.59
2436	30-Jul-11	11	1	-$6.68	Yes	$43.60	$50.28
2437	30-Jul-11	11	2	-$31.18	Yes	$43.60	$74.78
2438	30-Jul-11	11	3	-$22.37	Yes	$43.60	$65.97
2439	30-Jul-11	11	4	-$1.10	Yes	$43.60	$44.70
2440	30-Jul-11	11	5	$0.00	Yes	$43.60	$43.60
2441	30-Jul-11	11	6	$0.00	Yes	$43.60	$43.60
2442	30-Jul-11	11	7	$0.01	Yes	$43.60	$43.59
2443	30-Jul-11	11	8	$0.01	Yes	$43.60	$43.59
2444	30-Jul-11	11	9	$10.67	Yes	$43.60	$32.93
2445	30-Jul-11	11	10	$15.58	Yes	$43.60	$28.02
2446	30-Jul-11	11	11	$4.59	Yes	$43.60	$39.01
2447	30-Jul-11	11	12	$18.80	Yes	$43.60	$24.80
2448	30-Jul-11	12	1	$0.01	Yes	$43.60	$43.59
2449	30-Jul-11	12	2	$15.76	Yes	$43.60	$27.84
2450	30-Jul-11	12	3	$24.22	Yes	$43.60	$19.38
2451	30-Jul-11	12	4	$18.82	Yes	$43.60	$24.78
2452	30-Jul-11	12	5	$25.37	Yes	$43.60	$18.23
2453	30-Jul-11	12	6	$26.36	Yes	$43.60	$17.24
2454	30-Jul-11	12	7	$25.77	Yes	$43.60	$17.83
2455	30-Jul-11	12	8	$28.78	Yes	$43.60	$14.82
2456	30-Jul-11	12	9	$26.94	Yes	$43.60	$16.66
2457	30-Jul-11	12	9	$26.94	Yes	$43.60	$16.66
2458	30-Jul-11	12	10	$33.37	Yes	$43.60	$10.23
2459	30-Jul-11	12	10	$33.37	Yes	$43.60	$10.23
2460	30-Jul-11	12	11	$31.76	Yes	$43.60	$11.84
2461	30-Jul-11	12	11	$31.76	Yes	$43.60	$11.84
2462	30-Jul-11	12	12	$35.23	Yes	$43.60	$8.37
2463	30-Jul-11	12	12	$35.23	Yes	$43.60	$8.37
2464	30-Jul-11	13	1	$25.78	Yes	$43.60	$17.82
2465	30-Jul-11	13	2	$18.60	Yes	$43.60	$25.00
2466	30-Jul-11	13	3	$17.72	Yes	$43.60	$25.88
2467	30-Jul-11	13	4	$26.51	Yes	$43.60	$17.09
2468	30-Jul-11	13	5	$30.04	Yes	$43.60	$13.56
2469	30-Jul-11	13	6	$32.62	Yes	$43.60	$10.98
2470	30-Jul-11	13	7	$33.17	Yes	$43.60	$10.43
2471	30-Jul-11	13	8	$33.17	Yes	$43.60	$10.43

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2472	30-Jul-11	13	9	$36.00	Yes	$43.60	$7.60
2473	30-Jul-11	13	10	$36.64	Yes	$43.60	$6.96
2474	30-Jul-11	13	11	$36.64	Yes	$43.60	$6.96
2475	30-Jul-11	13	12	$36.64	Yes	$43.60	$6.96
2476	30-Jul-11	14	1	$30.63	Yes	$43.60	$12.97
2477	30-Jul-11	14	2	$33.10	Yes	$43.60	$10.50
2478	30-Jul-11	14	3	$33.10	Yes	$43.60	$10.50
2479	30-Jul-11	14	4	$33.12	Yes	$43.60	$10.48
2480	30-Jul-11	14	5	$36.60	Yes	$43.60	$7.00
2481	30-Jul-11	14	6	$36.61	Yes	$43.60	$6.99
2482	30-Jul-11	14	7	$36.65	Yes	$43.60	$6.95
2483	30-Jul-11	14	8	$36.74	Yes	$43.60	$6.86
2484	30-Jul-11	14	9	$36.76	Yes	$43.60	$6.84
2485	30-Jul-11	14	10	$36.89	Yes	$43.60	$6.71
2486	30-Jul-11	14	11	$36.85	Yes	$43.60	$6.75
2487	30-Jul-11	14	12	$36.89	Yes	$43.60	$6.71
2488	30-Jul-11	15	1	$36.88	Yes	$43.60	$6.72
2489	30-Jul-11	15	2	$36.84	Yes	$43.60	$6.76
2490	30-Jul-11	15	3	$42.23	Yes	$43.60	$1.37
2491	30-Jul-11	15	4	$43.75	Yes	$43.60	-$0.15
2492	30-Jul-11	15	5	$43.82	Yes	$43.60	-$0.22
2493	30-Jul-11	15	6	$48.22	Yes	$43.60	-$4.62
2494	30-Jul-11	15	7	$43.35	Yes	$43.60	$0.25
2495	30-Jul-11	15	8	$47.61	Yes	$43.60	-$4.01
2496	30-Jul-11	15	9	$52.42	Yes	$43.60	-$8.82
2497	30-Jul-11	15	10	$76.74	Yes	$43.60	-$33.14
2498	30-Jul-11	15	11	$76.74	Yes	$43.60	-$33.14
2499	30-Jul-11	15	12	$76.75	Yes	$43.60	-$33.15
2500	30-Jul-11	16	1	$46.65	Yes	$43.60	-$3.05
2501	30-Jul-11	16	2	$49.74	Yes	$43.60	-$6.14
2502	30-Jul-11	16	3	$53.23	Yes	$43.60	-$9.63
2503	30-Jul-11	16	4	$53.10	Yes	$43.60	-$9.50
2504	30-Jul-11	16	5	$50.69	Yes	$43.60	-$7.09
2505	30-Jul-11	16	6	$49.25	Yes	$43.60	-$5.65
2506	30-Jul-11	16	7	$76.65	Yes	$43.60	-$33.05
2507	30-Jul-11	16	8	$52.17	Yes	$43.60	-$8.57
2508	30-Jul-11	16	9	$53.22	Yes	$43.60	-$9.62
2509	30-Jul-11	16	10	$43.60	Yes	$43.60	$0.00
2510	30-Jul-11	16	11	$43.60	Yes	$43.60	$0.00
2511	30-Jul-11	16	12	$30.64	Yes	$43.60	$12.96
2512	30-Jul-11	17	1	$33.16	Yes	$43.60	$10.44
2513	30-Jul-11	17	2	$33.16	Yes	$43.60	$10.44
2514	30-Jul-11	17	3	$39.13	Yes	$43.60	$4.47
2515	30-Jul-11	17	4	$37.59	Yes	$43.60	$6.01
2516	30-Jul-11	17	5	$44.04	Yes	$43.60	-$0.44

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2517	30-Jul-11	17	6	$40.68	Yes	$43.60	$2.92
2518	30-Jul-11	17	7	$43.34	Yes	$43.60	$0.26
2519	30-Jul-11	17	8	$44.04	Yes	$43.60	-$0.44
2520	30-Jul-11	17	9	$45.36	Yes	$43.60	-$1.76
2521	30-Jul-11	17	10	$44.08	Yes	$43.60	-$0.48
2522	30-Jul-11	17	11	$45.08	Yes	$43.60	-$1.48
2523	30-Jul-11	17	12	$44.10	Yes	$43.60	-$0.50
2524	30-Jul-11	18	1	$33.23	Yes	$43.60	$10.37
2525	30-Jul-11	18	2	$44.05	Yes	$43.60	-$0.45
2526	30-Jul-11	18	3	$44.79	Yes	$43.60	-$1.19
2527	30-Jul-11	18	4	$44.13	Yes	$43.60	-$0.53
2528	30-Jul-11	18	5	$37.21	Yes	$43.60	$6.39
2529	30-Jul-11	18	6	$37.16	Yes	$43.60	$6.44
2530	30-Jul-11	18	7	$37.16	Yes	$43.60	$6.44
2531	30-Jul-11	18	8	$37.20	Yes	$43.60	$6.40
2532	30-Jul-11	18	9	$37.19	Yes	$43.60	$6.41
2533	30-Jul-11	18	10	$36.20	Yes	$43.60	$7.40
2534	30-Jul-11	18	11	$37.07	Yes	$43.60	$6.53
2535	30-Jul-11	18	12	$37.01	Yes	$43.60	$6.59
2536	30-Jul-11	19	1	$25.68	Yes	$43.60	$17.92
2537	30-Jul-11	19	2	$28.09	Yes	$43.60	$15.51
2538	30-Jul-11	19	3	$1,008.82	Yes	$43.60	-$965.22
2539	30-Jul-11	19	4	$43.76	Yes	$43.60	-$0.16
2540	30-Jul-11	19	5	$51.45	Yes	$43.60	-$7.85
2541	30-Jul-11	19	6	$43.76	Yes	$43.60	-$0.16
2542	30-Jul-11	19	7	$17.99	Yes	$43.60	$25.61
2543	30-Jul-11	19	8	$30.55	Yes	$43.60	$13.05
2544	30-Jul-11	19	9	$21.05	Yes	$43.60	$22.55
2545	30-Jul-11	19	10	$25.59	Yes	$43.60	$18.01
2546	30-Jul-11	19	11	$18.73	Yes	$43.60	$24.87
2547	30-Jul-11	19	12	$20.81	Yes	$43.60	$22.79
2548	30-Jul-11	20	1	$24.40	Yes	$43.60	$19.20
2549	30-Jul-11	20	2	$24.40	Yes	$43.60	$19.20
2550	30-Jul-11	20	3	$33.22	Yes	$43.60	$10.38
2551	30-Jul-11	20	4	$27.50	Yes	$43.60	$16.10
2552	30-Jul-11	20	5	$25.66	Yes	$43.60	$17.94
2553	30-Jul-11	20	6	$25.66	Yes	$43.60	$17.94
2554	30-Jul-11	20	7	$25.44	Yes	$43.60	$18.16
2555	30-Jul-11	20	8	$22.28	Yes	$43.60	$21.32
2556	30-Jul-11	20	9	$5.38	Yes	$43.60	$38.22
2557	30-Jul-11	20	10	$13.48	Yes	$43.60	$30.12
2558	30-Jul-11	20	11	$14.90	Yes	$43.60	$28.70
2559	30-Jul-11	20	12	$14.90	Yes	$43.60	$28.70
2560	30-Jul-11	21	1	$36.55	Yes	$43.60	$7.05
2561	30-Jul-11	21	2	$33.23	Yes	$43.60	$10.37

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2562	30-Jul-11	21	3	$33.23	Yes	$43.60	$10.37
2563	30-Jul-11	21	4	$36.49	Yes	$43.60	$7.11
2564	30-Jul-11	21	5	$36.49	Yes	$43.60	$7.11
2565	30-Jul-11	21	6	$36.49	Yes	$43.60	$7.11
2566	30-Jul-11	21	7	$41.96	Yes	$43.60	$1.64
2567	30-Jul-11	21	8	$36.74	Yes	$43.60	$6.86
2568	30-Jul-11	21	9	$36.73	Yes	$43.60	$6.87
2569	30-Jul-11	21	10	$36.55	Yes	$43.60	$7.05
2570	30-Jul-11	21	11	$33.34	Yes	$43.60	$10.26
2571	30-Jul-11	21	12	$36.55	Yes	$43.60	$7.05
2572	30-Jul-11	22	1	$36.55	Yes	$43.60	$7.05
2573	30-Jul-11	22	2	$36.55	Yes	$43.60	$7.05
2574	30-Jul-11	22	3	-$1.09	Yes	$43.60	$44.69
2575	30-Jul-11	22	4	$0.01	Yes	$43.60	$43.59
2576	30-Jul-11	22	5	$5.31	Yes	$43.60	$38.29
2577	30-Jul-11	22	6	$14.79	Yes	$43.60	$28.81
2578	30-Jul-11	22	7	$28.54	Yes	$43.60	$15.06
2579	30-Jul-11	22	8	$16.88	Yes	$43.60	$26.72
2580	30-Jul-11	22	9	$0.10	Yes	$43.60	$43.50
2581	30-Jul-11	22	10	$0.01	Yes	$43.60	$43.59
2582	30-Jul-11	22	11	$0.01	Yes	$43.60	$43.59
2583	30-Jul-11	22	12	$0.01	Yes	$43.60	$43.59
2584	30-Jul-11	23	1	$0.01	Yes	$43.60	$43.59
2585	30-Jul-11	23	2	$25.20	Yes	$43.60	$18.40
2586	30-Jul-11	23	3	$28.40	Yes	$43.60	$15.20
2587	30-Jul-11	23	4	$18.44	Yes	$43.60	$25.16
2588	30-Jul-11	23	5	$26.98	Yes	$43.60	$16.62
2589	30-Jul-11	23	6	$0.01	Yes	$43.60	$43.59
2590	30-Jul-11	23	7	$26.76	Yes	$43.60	$16.84
2591	30-Jul-11	23	8	$27.78	Yes	$43.60	$15.82
2592	30-Jul-11	23	9	$30.78	Yes	$43.60	$12.82
2593	30-Jul-11	23	10	$30.77	Yes	$43.60	$12.83
2594	30-Jul-11	23	11	$18.37	Yes	$43.60	$25.23
2595	30-Jul-11	23	12	$0.01	Yes	$43.60	$43.59
2596	30-Jul-11	24	1	$34.21	Yes	$43.60	$9.39
2597	30-Jul-11	24	2	$36.32	Yes	$43.60	$7.28
2598	30-Jul-11	24	3	$33.19	Yes	$43.60	$10.41
2599	30-Jul-11	24	4	$18.50	Yes	$43.60	$25.10
2600	30-Jul-11	24	5	$30.78	Yes	$43.60	$12.82
2601	30-Jul-11	24	6	$5.37	Yes	$43.60	$38.23
2602	30-Jul-11	24	7	$0.01	Yes	$43.60	$43.59
2603	30-Jul-11	24	8	$0.01	Yes	$43.60	$43.59
2604	30-Jul-11	24	9	$29.22	Yes	$43.60	$14.38
2605	30-Jul-11	24	10	$0.01	Yes	$43.60	$43.59
2606	30-Jul-11	24	11	$0.01	Yes	$43.60	$43.59

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2607	30-Jul-11	24	12	$0.01	Yes	$43.60	$43.59
2608	31-Jul-11	1	1	$1.06	Yes	$43.60	$42.54
2609	31-Jul-11	1	2	$33.21	Yes	$43.60	$10.39
2610	31-Jul-11	1	3	$30.36	Yes	$43.60	$13.24
2611	31-Jul-11	1	4	$28.86	Yes	$43.60	$14.74
2612	31-Jul-11	1	5	$28.86	Yes	$43.60	$14.74
2613	31-Jul-11	1	6	$39.25	Yes	$43.60	$4.35
2614	31-Jul-11	1	7	$33.67	Yes	$43.60	$9.93
2615	31-Jul-11	1	8	$32.74	Yes	$43.60	$10.86
2616	31-Jul-11	1	9	$28.60	Yes	$43.60	$15.00
2617	31-Jul-11	1	10	$0.98	Yes	$43.60	$42.62
2618	31-Jul-11	1	11	$0.98	Yes	$43.60	$42.62
2619	31-Jul-11	1	12	$26.10	Yes	$43.60	$17.50
2620	31-Jul-11	2	1	$13.22	Yes	$43.60	$30.38
2621	31-Jul-11	2	2	$30.70	Yes	$43.60	$12.90
2622	31-Jul-11	2	3	$29.16	Yes	$43.60	$14.44
2623	31-Jul-11	2	4	$28.58	Yes	$43.60	$15.02
2624	31-Jul-11	2	5	$35.33	Yes	$43.60	$8.27
2625	31-Jul-11	2	6	$33.66	Yes	$43.60	$9.94
2626	31-Jul-11	2	7	$30.69	Yes	$43.60	$12.91
2627	31-Jul-11	2	8	$15.26	Yes	$43.60	$28.34
2628	31-Jul-11	2	9	$1.06	Yes	$43.60	$42.54
2629	31-Jul-11	2	10	$1.05	Yes	$43.60	$42.55
2630	31-Jul-11	2	11	$33.67	Yes	$43.60	$9.93
2631	31-Jul-11	2	12	$33.92	Yes	$43.60	$9.68
2632	31-Jul-11	3	1	$20.35	Yes	$43.60	$23.25
2633	31-Jul-11	3	2	$28.28	Yes	$43.60	$15.32
2634	31-Jul-11	3	3	$32.17	Yes	$43.60	$11.43
2635	31-Jul-11	3	4	$30.63	Yes	$43.60	$12.97
2636	31-Jul-11	3	5	$20.36	Yes	$43.60	$23.24
2637	31-Jul-11	3	6	$20.36	Yes	$43.60	$23.24
2638	31-Jul-11	3	7	$0.10	Yes	$43.60	$43.50
2639	31-Jul-11	3	8	$0.10	Yes	$43.60	$43.50
2640	31-Jul-11	3	9	$0.01	Yes	$43.60	$43.59
2641	31-Jul-11	3	10	$0.00	Yes	$43.60	$43.60
2642	31-Jul-11	3	11	$0.00	Yes	$43.60	$43.60
2643	31-Jul-11	3	12	$0.01	Yes	$43.60	$43.59
2644	31-Jul-11	4	1	$0.01	Yes	$43.60	$43.59
2645	31-Jul-11	4	2	$0.10	Yes	$43.60	$43.50
2646	31-Jul-11	4	3	$0.01	Yes	$43.60	$43.59
2647	31-Jul-11	4	4	$0.10	Yes	$43.60	$43.50
2648	31-Jul-11	4	5	$0.01	Yes	$43.60	$43.59
2649	31-Jul-11	4	6	$0.01	Yes	$43.60	$43.59
2650	31-Jul-11	4	7	-$0.01	Yes	$43.60	$43.61
2651	31-Jul-11	4	8	$0.09	Yes	$43.60	$43.51

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2652	31-Jul-11	4	9	$0.01	Yes	$43.60	$43.59
2653	31-Jul-11	4	10	$0.01	Yes	$43.60	$43.59
2654	31-Jul-11	4	11	$0.01	Yes	$43.60	$43.59
2655	31-Jul-11	4	12	$20.28	Yes	$43.60	$23.32
2656	31-Jul-11	5	1	$30.78	Yes	$43.60	$12.82
2657	31-Jul-11	5	2	$28.65	Yes	$43.60	$14.95
2658	31-Jul-11	5	3	$32.15	Yes	$43.60	$11.45
2659	31-Jul-11	5	4	$33.47	Yes	$43.60	$10.13
2660	31-Jul-11	5	5	$32.19	Yes	$43.60	$11.41
2661	31-Jul-11	5	6	$32.19	Yes	$43.60	$11.41
2662	31-Jul-11	5	7	$32.11	Yes	$43.60	$11.49
2663	31-Jul-11	5	8	$32.11	Yes	$43.60	$11.49
2664	31-Jul-11	5	9	$32.21	Yes	$43.60	$11.39
2665	31-Jul-11	5	10	$34.37	Yes	$43.60	$9.23
2666	31-Jul-11	5	11	$33.95	Yes	$43.60	$9.65
2667	31-Jul-11	5	12	$35.94	Yes	$43.60	$7.66
2668	31-Jul-11	6	1	$20.40	Yes	$43.60	$23.20
2669	31-Jul-11	6	2	$28.62	Yes	$43.60	$14.98
2670	31-Jul-11	6	3	$34.04	Yes	$43.60	$9.56
2671	31-Jul-11	6	4	$32.15	Yes	$43.60	$11.45
2672	31-Jul-11	6	5	$32.15	Yes	$43.60	$11.45
2673	31-Jul-11	6	6	$15.22	Yes	$43.60	$28.38
2674	31-Jul-11	6	7	$0.01	Yes	$43.60	$43.59
2675	31-Jul-11	6	8	$0.01	Yes	$43.60	$43.59
2676	31-Jul-11	6	9	$0.01	Yes	$43.60	$43.59
2677	31-Jul-11	6	10	-$0.01	Yes	$43.60	$43.61
2678	31-Jul-11	6	11	-$0.01	Yes	$43.60	$43.61
2679	31-Jul-11	6	12	-$0.01	Yes	$43.60	$43.61
2680	31-Jul-11	7	1	$0.99	Yes	$43.60	$42.61
2681	31-Jul-11	7	2	$0.99	Yes	$43.60	$42.61
2682	31-Jul-11	7	3	$0.00	Yes	$43.60	$43.60
2683	31-Jul-11	7	4	$0.00	Yes	$43.60	$43.60
2684	31-Jul-11	7	5	$0.00	Yes	$43.60	$43.60
2685	31-Jul-11	7	6	-$0.01	Yes	$43.60	$43.61
2686	31-Jul-11	7	7	-$0.01	Yes	$43.60	$43.61
2687	31-Jul-11	7	8	-$0.01	Yes	$43.60	$43.61
2688	31-Jul-11	7	9	-$0.04	Yes	$43.60	$43.64
2689	31-Jul-11	7	10	-$0.01	Yes	$43.60	$43.61
2690	31-Jul-11	7	11	-$0.04	Yes	$43.60	$43.64
2691	31-Jul-11	7	12	-$0.04	Yes	$43.60	$43.64
2692	31-Jul-11	8	1	-$6.40	Yes	$43.60	$50.00
2693	31-Jul-11	8	2	-$6.40	Yes	$43.60	$50.00
2694	31-Jul-11	8	3	-$1.03	Yes	$43.60	$44.63
2695	31-Jul-11	8	4	-$1.07	Yes	$43.60	$44.67
2696	31-Jul-11	8	5	-$0.04	Yes	$43.60	$43.64

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2697	31-Jul-11	8	6	-$0.04	Yes	$43.60	$43.64
2698	31-Jul-11	8	7	-$0.04	Yes	$43.60	$43.64
2699	31-Jul-11	8	8	-$0.01	Yes	$43.60	$43.61
2700	31-Jul-11	8	9	-$0.01	Yes	$43.60	$43.61
2701	31-Jul-11	8	10	-$0.01	Yes	$43.60	$43.61
2702	31-Jul-11	8	11	-$0.01	Yes	$43.60	$43.61
2703	31-Jul-11	8	12	-$0.01	Yes	$43.60	$43.61
2704	31-Jul-11	9	1	-$10.99	Yes	$43.60	$54.59
2705	31-Jul-11	9	2	-$15.10	Yes	$43.60	$58.70
2706	31-Jul-11	9	3	-$1.07	Yes	$43.60	$44.67
2707	31-Jul-11	9	4	-$0.04	Yes	$43.60	$43.64
2708	31-Jul-11	9	5	-$6.53	Yes	$43.60	$50.13
2709	31-Jul-11	9	6	-$0.04	Yes	$43.60	$43.64
2710	31-Jul-11	9	7	-$0.04	Yes	$43.60	$43.64
2711	31-Jul-11	9	8	-$0.04	Yes	$43.60	$43.64
2712	31-Jul-11	9	9	-$0.01	Yes	$43.60	$43.61
2713	31-Jul-11	9	10	-$0.01	Yes	$43.60	$43.61
2714	31-Jul-11	9	11	-$0.04	Yes	$43.60	$43.64
2715	31-Jul-11	9	12	-$0.04	Yes	$43.60	$43.64
2716	31-Jul-11	10	1	-$6.45	Yes	$43.60	$50.05
2717	31-Jul-11	10	2	-$30.74	Yes	$43.60	$74.34
2718	31-Jul-11	10	3	-$30.64	Yes	$43.60	$74.24
2719	31-Jul-11	10	4	-$10.96	Yes	$43.60	$54.56
2720	31-Jul-11	10	5	-$31.77	Yes	$43.60	$75.37
2721	31-Jul-11	10	6	-$29.85	Yes	$43.60	$73.45
2722	31-Jul-11	10	7	-$11.14	Yes	$43.60	$54.74
2723	31-Jul-11	10	8	-$1.07	Yes	$43.60	$44.67
2724	31-Jul-11	10	9	-$0.04	Yes	$43.60	$43.64
2725	31-Jul-11	10	10	-$6.55	Yes	$43.60	$50.15
2726	31-Jul-11	10	11	-$11.13	Yes	$43.60	$54.73
2727	31-Jul-11	10	12	-$29.69	Yes	$43.60	$73.29
2728	31-Jul-11	11	1	-$32.41	Yes	$43.60	$76.01
2729	31-Jul-11	11	2	-$31.27	Yes	$43.60	$74.87
2730	31-Jul-11	11	3	-$31.18	Yes	$43.60	$74.78
2731	31-Jul-11	11	4	-$32.24	Yes	$43.60	$75.84
2732	31-Jul-11	11	5	-$32.24	Yes	$43.60	$75.84
2733	31-Jul-11	11	6	-$31.70	Yes	$43.60	$75.30
2734	31-Jul-11	11	7	-$31.49	Yes	$43.60	$75.09
2735	31-Jul-11	11	8	-$31.63	Yes	$43.60	$75.23
2736	31-Jul-11	11	9	-$31.11	Yes	$43.60	$74.71
2737	31-Jul-11	11	10	-$31.68	Yes	$43.60	$75.28
2738	31-Jul-11	11	11	-$31.17	Yes	$43.60	$74.77
2739	31-Jul-11	11	12	-$31.82	Yes	$43.60	$75.42
2740	31-Jul-11	12	1	-$30.76	Yes	$43.60	$74.36
2741	31-Jul-11	12	2	-$31.39	Yes	$43.60	$74.99

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2742	31-Jul-11	12	3	-$30.76	Yes	$43.60	$74.36
2743	31-Jul-11	12	4	-$31.83	Yes	$43.60	$75.43
2744	31-Jul-11	12	5	-$31.27	Yes	$43.60	$74.87
2745	31-Jul-11	12	6	-$31.80	Yes	$43.60	$75.40
2746	31-Jul-11	12	7	-$31.22	Yes	$43.60	$74.82
2747	31-Jul-11	12	8	-$31.78	Yes	$43.60	$75.38
2748	31-Jul-11	12	9	-$32.04	Yes	$43.60	$75.64
2749	31-Jul-11	12	10	-$32.30	Yes	$43.60	$75.90
2750	31-Jul-11	12	11	-$6.58	Yes	$43.60	$50.18
2751	31-Jul-11	12	12	$0.01	Yes	$43.60	$43.59
2752	31-Jul-11	13	1	-$0.08	Yes	$43.60	$43.68
2753	31-Jul-11	13	2	$0.01	Yes	$43.60	$43.59
2754	31-Jul-11	13	3	$0.01	Yes	$43.60	$43.59
2755	31-Jul-11	13	4	$0.01	Yes	$43.60	$43.59
2756	31-Jul-11	13	5	$1.06	Yes	$43.60	$42.54
2757	31-Jul-11	13	6	$1.06	Yes	$43.60	$42.54
2758	31-Jul-11	13	7	$17.99	Yes	$43.60	$25.61
2759	31-Jul-11	13	8	$14.37	Yes	$43.60	$29.23
2760	31-Jul-11	13	9	$24.83	Yes	$43.60	$18.77
2761	31-Jul-11	13	10	$0.01	Yes	$43.60	$43.59
2762	31-Jul-11	13	11	$13.10	Yes	$43.60	$30.50
2763	31-Jul-11	13	12	$13.10	Yes	$43.60	$30.50
2764	31-Jul-11	14	1	$0.01	Yes	$43.60	$43.59
2765	31-Jul-11	14	2	-$0.04	Yes	$43.60	$43.64
2766	31-Jul-11	14	3	-$0.04	Yes	$43.60	$43.64
2767	31-Jul-11	14	4	-$0.04	Yes	$43.60	$43.64
2768	31-Jul-11	14	5	-$0.04	Yes	$43.60	$43.64
2769	31-Jul-11	14	6	$0.01	Yes	$43.60	$43.59
2770	31-Jul-11	14	7	$0.01	Yes	$43.60	$43.59
2771	31-Jul-11	14	8	$0.01	Yes	$43.60	$43.59
2772	31-Jul-11	14	9	$0.01	Yes	$43.60	$43.59
2773	31-Jul-11	14	10	$0.01	Yes	$43.60	$43.59
2774	31-Jul-11	14	11	$0.01	Yes	$43.60	$43.59
2775	31-Jul-11	14	12	$0.01	Yes	$43.60	$43.59
2776	31-Jul-11	15	1	$0.01	Yes	$43.60	$43.59
2777	31-Jul-11	15	2	$0.01	Yes	$43.60	$43.59
2778	31-Jul-11	15	3	$12.71	Yes	$43.60	$30.89
2779	31-Jul-11	15	4	$11.10	Yes	$43.60	$32.50
2780	31-Jul-11	15	5	$16.14	Yes	$43.60	$27.46
2781	31-Jul-11	15	6	$14.96	Yes	$43.60	$28.64
2782	31-Jul-11	15	7	$16.85	Yes	$43.60	$26.75
2783	31-Jul-11	15	8	$21.68	Yes	$43.60	$21.92
2784	31-Jul-11	15	9	$20.89	Yes	$43.60	$22.71
2785	31-Jul-11	15	10	$21.67	Yes	$43.60	$21.93
2786	31-Jul-11	15	11	$28.47	Yes	$43.60	$15.13

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2787	31-Jul-11	15	12	$28.47	Yes	$43.60	$15.13
2788	31-Jul-11	16	1	$19.54	Yes	$43.60	$24.06
2789	31-Jul-11	16	2	$19.54	Yes	$43.60	$24.06
2790	31-Jul-11	16	3	$29.46	Yes	$43.60	$14.14
2791	31-Jul-11	16	4	$28.92	Yes	$43.60	$14.68
2792	31-Jul-11	16	5	$30.84	Yes	$43.60	$12.76
2793	31-Jul-11	16	6	$30.84	Yes	$43.60	$12.76
2794	31-Jul-11	16	7	$30.84	Yes	$43.60	$12.76
2795	31-Jul-11	16	8	$31.60	Yes	$43.60	$12.00
2796	31-Jul-11	16	9	$32.41	Yes	$43.60	$11.19
2797	31-Jul-11	16	10	$36.77	Yes	$43.60	$6.83
2798	31-Jul-11	16	11	$34.30	Yes	$43.60	$9.30
2799	31-Jul-11	16	12	$34.23	Yes	$43.60	$9.37
2800	31-Jul-11	17	1	$33.27	Yes	$43.60	$10.33
2801	31-Jul-11	17	2	$32.34	Yes	$43.60	$11.26
2802	31-Jul-11	17	3	$31.61	Yes	$43.60	$11.99
2803	31-Jul-11	17	4	$32.29	Yes	$43.60	$11.31
2804	31-Jul-11	17	5	$32.29	Yes	$43.60	$11.31
2805	31-Jul-11	17	6	$36.73	Yes	$43.60	$6.87
2806	31-Jul-11	17	7	$36.81	Yes	$43.60	$6.79
2807	31-Jul-11	17	8	$36.81	Yes	$43.60	$6.79
2808	31-Jul-11	17	9	$36.81	Yes	$43.60	$6.79
2809	31-Jul-11	17	10	$36.85	Yes	$43.60	$6.75
2810	31-Jul-11	17	11	$36.76	Yes	$43.60	$6.84
2811	31-Jul-11	17	12	$35.62	Yes	$43.60	$7.98
2812	31-Jul-11	18	1	$36.76	Yes	$43.60	$6.84
2813	31-Jul-11	18	2	$36.80	Yes	$43.60	$6.80
2814	31-Jul-11	18	3	$36.98	Yes	$43.60	$6.62
2815	31-Jul-11	18	4	$37.00	Yes	$43.60	$6.60
2816	31-Jul-11	18	5	$36.80	Yes	$43.60	$6.80
2817	31-Jul-11	18	6	$35.96	Yes	$43.60	$7.64
2818	31-Jul-11	18	7	$36.27	Yes	$43.60	$7.33
2819	31-Jul-11	18	8	$34.32	Yes	$43.60	$9.28
2820	31-Jul-11	18	9	$33.96	Yes	$43.60	$9.64
2821	31-Jul-11	18	10	$33.86	Yes	$43.60	$9.74
2822	31-Jul-11	18	11	$32.25	Yes	$43.60	$11.35
2823	31-Jul-11	18	12	$29.83	Yes	$43.60	$13.77
2824	31-Jul-11	19	1	$33.20	Yes	$43.60	$10.40
2825	31-Jul-11	19	2	$33.88	Yes	$43.60	$9.72
2826	31-Jul-11	19	3	$35.73	Yes	$43.60	$7.87
2827	31-Jul-11	19	4	$36.79	Yes	$43.60	$6.81
2828	31-Jul-11	19	5	$36.79	Yes	$43.60	$6.81
2829	31-Jul-11	19	6	$35.86	Yes	$43.60	$7.74
2830	31-Jul-11	19	7	$35.20	Yes	$43.60	$8.40
2831	31-Jul-11	19	8	$33.89	Yes	$43.60	$9.71

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2832	31-Jul-11	19	9	$33.82	Yes	$43.60	$9.78
2833	31-Jul-11	19	10	$30.64	Yes	$43.60	$12.96
2834	31-Jul-11	19	11	$30.64	Yes	$43.60	$12.96
2835	31-Jul-11	19	12	$28.80	Yes	$43.60	$14.80
2836	31-Jul-11	20	1	$30.34	Yes	$43.60	$13.26
2837	31-Jul-11	20	2	$30.34	Yes	$43.60	$13.26
2838	31-Jul-11	20	3	$29.48	Yes	$43.60	$14.12
2839	31-Jul-11	20	4	$23.65	Yes	$43.60	$19.95
2840	31-Jul-11	20	5	$25.26	Yes	$43.60	$18.34
2841	31-Jul-11	20	6	$25.26	Yes	$43.60	$18.34
2842	31-Jul-11	20	7	$28.39	Yes	$43.60	$15.21
2843	31-Jul-11	20	8	$28.39	Yes	$43.60	$15.21
2844	31-Jul-11	20	9	$28.65	Yes	$43.60	$14.95
2845	31-Jul-11	20	10	$25.91	Yes	$43.60	$17.69
2846	31-Jul-11	20	11	$27.40	Yes	$43.60	$16.20
2847	31-Jul-11	20	12	$25.14	Yes	$43.60	$18.46
2848	31-Jul-11	21	1	$33.21	Yes	$43.60	$10.39
2849	31-Jul-11	21	2	$32.80	Yes	$43.60	$10.80
2850	31-Jul-11	21	3	$34.60	Yes	$43.60	$9.00
2851	31-Jul-11	21	4	$34.89	Yes	$43.60	$8.71
2852	31-Jul-11	21	5	$36.52	Yes	$43.60	$7.08
2853	31-Jul-11	21	6	$36.56	Yes	$43.60	$7.04
2854	31-Jul-11	21	7	$36.56	Yes	$43.60	$7.04
2855	31-Jul-11	21	8	$36.51	Yes	$43.60	$7.09
2856	31-Jul-11	21	9	$36.60	Yes	$43.60	$7.00
2857	31-Jul-11	21	10	$36.60	Yes	$43.60	$7.00
2858	31-Jul-11	21	11	$36.58	Yes	$43.60	$7.02
2859	31-Jul-11	21	12	$36.81	Yes	$43.60	$6.79
2860	31-Jul-11	22	1	$34.27	Yes	$43.60	$9.33
2861	31-Jul-11	22	2	$28.89	Yes	$43.60	$14.71
2862	31-Jul-11	22	3	$19.50	Yes	$43.60	$24.10
2863	31-Jul-11	22	4	$29.81	Yes	$43.60	$13.79
2864	31-Jul-11	22	5	$30.68	Yes	$43.60	$12.92
2865	31-Jul-11	22	6	$30.68	Yes	$43.60	$12.92
2866	31-Jul-11	22	7	$30.55	Yes	$43.60	$13.05
2867	31-Jul-11	22	8	$25.29	Yes	$43.60	$18.31
2868	31-Jul-11	22	9	$23.88	Yes	$43.60	$19.72
2869	31-Jul-11	22	10	$18.52	Yes	$43.60	$25.08
2870	31-Jul-11	22	11	$1.07	Yes	$43.60	$42.53
2871	31-Jul-11	22	12	$0.01	Yes	$43.60	$43.59
2872	31-Jul-11	23	1	$31.97	Yes	$43.60	$11.63
2873	31-Jul-11	23	2	$35.44	Yes	$43.60	$8.16
2874	31-Jul-11	23	3	$34.47	Yes	$43.60	$9.13
2875	31-Jul-11	23	4	$30.40	Yes	$43.60	$13.20
2876	31-Jul-11	23	5	$30.72	Yes	$43.60	$12.88

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
2877	31-Jul-11	23	6	$30.72	Yes	$43.60	$12.88
2878	31-Jul-11	23	7	$30.71	Yes	$43.60	$12.89
2879	31-Jul-11	23	8	$30.71	Yes	$43.60	$12.89
2880	31-Jul-11	23	9	$0.01	Yes	$43.60	$43.59
2881	31-Jul-11	23	10	$0.10	Yes	$43.60	$43.50
2882	31-Jul-11	23	11	$0.01	Yes	$43.60	$43.59
2883	31-Jul-11	23	12	$0.01	Yes	$43.60	$43.59
2884	31-Jul-11	24	1	$0.01	Yes	$42.52	$42.51
2885	31-Jul-11	24	2	$0.01	Yes	$42.52	$42.51
2886	31-Jul-11	24	3	-$0.04	Yes	$42.52	$42.56
2887	31-Jul-11	24	4	$0.01	Yes	$42.52	$42.51
2888	31-Jul-11	24	5	$30.70	Yes	$42.52	$11.82
2889	31-Jul-11	24	6	$28.46	Yes	$42.52	$14.06
2890	31-Jul-11	24	7	$28.38	Yes	$42.52	$14.14
2891	31-Jul-11	24	8	$1.01	Yes	$42.52	$41.51
2892	31-Jul-11	24	9	$1.01	Yes	$42.52	$41.51
2893	31-Jul-11	24	10	$0.01	Yes	$42.52	$42.51
2894	31-Jul-11	24	11	$28.41	Yes	$42.52	$14.11
2895	31-Jul-11	24	12	$1.00	Yes	$42.52	$41.52

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In July 2011, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELs[8] 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 $112,343. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be $158,311. The cost saving from the exceptional dispatch bid mitigation was $45,968.

Table 10: Bid Mitigation Analysis for July

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	4	$146,560	$108,416	$38,143
TMODEL5	4	$9,977	$2,823	$7,154
TMODEL6	1	$18	$0	$18
TMODEL7	2	$1,754	$1,102	$652
Total	11	$158,311	$112,343	$45,968

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[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 28th day of October, 2011.

/s/ Anna Pascuzzo
Anna Pascuzzo