



California Independent
System Operator Corporation

December 30, 2011

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

**Re: California Independent System Operator Corporation
Docket Nos. ER08-1178-____, and EL08-88-____
September 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 September 2011. The attached Chart 2 report also includes the price impact analysis for the month of September 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 September 2011.

Respectfully submitted,

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Exceptional Dispatch Report

Table 2: September 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 September 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 September is presented in Appendix B. This report also includes the degree of mitigation analysis for September 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 September 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 September 2011, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-206, San Diego area generation requirements; and (2) G-219, SCE area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-129, transmission facilities in Fresno area; (2) T-132, transmission facilities in San Diego and Imperial Valley area; (3) T-133, transmission facilities in Bay Area; (4) T-136, Barre-Ellis 220 kV line overload mitigation; (5) T-138, transmission facilities in Humboldt area; (6) T-165 transmission facilities in Palermo Rio-Oso area; (7) T-167, transmission facilities in Tesla/Bellota Area; and (8) other transmission outages in PG&E, SCE and SDG&E area.

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

The following additional reasons for exceptional dispatch instructions in September 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 September, which are self explanatory.

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

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

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

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

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

³ For further details 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 column 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 September 2011.

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

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

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

Table 1: Exceptional Dispatches in September 2011

**California Independent System Operator Corporation
Exceptional Dispatch Report
December 30, 2011**

Chart 2: Table of Exceptional Dispatches for Period 01/September/2011 - 30/September/2011

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	RT	Bridging Schedules	PG&E	Bay Area	7-Sep-11	45	Yes	INC	5	19:00	23:59	539.86	\$16,125	\$0	(\$23,130)	\$0	\$0	\$0	\$0	\$0	\$0
2	RT	Bridging Schedules	PG&E	Bay Area	18-Sep-11	45	Yes	INC	1	23:05	23:59	41.25	\$0	\$0	(\$1,127)	\$0	\$0	\$0	\$0	\$0	\$0
3	RT	Bridging Schedules	SCE	LA Basin	1-Sep-11	25	Yes	INC	2	22:00	23:59	67.63	\$8,275	\$0	(\$2,251)	\$0	\$0	\$0	\$0	\$0	\$0
4	RT	Bridging Schedules	SCE	LA Basin	7-Sep-11	130- 150	Yes	INC	6	18:00	23:59	2,758.70	\$101,766	\$0	(\$115,848)	\$0	\$0	\$0	\$0	\$0	\$0
5	RT	Bridging Schedules	SDG&E	San Diego	9-Sep-11	40- 60	Yes	INC	5	19:00	23:59	817.34	\$25,617	\$2,789	(\$129,214)	\$0	\$0	\$0	\$0	\$0	\$0
6	RT	Bridging Schedules	SDG&E	San Diego	13-Sep-11	20	No	INC	5	19:52	23:59	103.46	\$9,398	\$0	(\$5,208)	\$0	\$0	\$0	\$0	\$0	\$0
7	RT	Contingency	N/A	N/A	8-Sep-11	178	Yes	INC	1	17:38	17:46	-1.25	\$0	\$0	\$63	\$5	(\$268)	\$0	\$0	\$0	\$0
8	RT	Contingency	PG&E	Bay Area	8-Sep-11	610- 726	No	INC	7	17:25	23:27	-866.53	\$17,593	\$580	(\$51,193)	(\$1,225)	(\$1,969)	\$36,842	(\$488)	\$0	\$0
9	RT	Contingency	PG&E	Fresno	8-Sep-11	97- 457	No	DEC	4	16:43	19:44	-446.51	\$0	\$0	\$4,851	(\$517)	\$0	\$13,672	\$0	\$0	\$0
10	RT	Contingency	PG&E	Fresno	8-Sep-11	83	No	INC	3	17:51	19:44	-0.58	\$0	\$0	\$146	\$0	\$0	\$0	\$0	\$0	\$0
11	RT	Contingency	PG&E	N/A	8-Sep-11	12- 726	Yes	DEC	7	17:35	23:58	2,413.23	\$0	\$0	\$58,239	(\$2,243)	\$0	\$44,079	\$0	\$0	\$0
12	RT	Contingency	PG&E	N/A	8-Sep-11	125-1780	Yes	INC	8	16:42	23:58	1,634.68	\$84,872	\$0	\$152,123	(\$1,376)	(\$1,432)	\$56,089	(\$892)	\$0	\$0
13	RT	Contingency	PG&E	N/A	9-Sep-11	280	Yes	INC	1	0:00	0:59	287.65	\$12,800	\$0	(\$28,765)	\$0	\$0	\$0	\$0	\$0	\$0
14	RT	Contingency	PG&E	Sierra	9-Sep-11	247	Yes	INC	1	22:19	22:37	82.99	\$0	\$0	(\$3,724)	\$81	(\$3,629)	\$0	(\$4,227)	\$0	\$0
15	RT	Contingency	SCE	Big Creek- Ventura	8-Sep-11	20- 177	Yes	INC	8	16:04	23:59	660.19	\$24,527	\$887	(\$73,077)	\$273	(\$14,267)	\$0	(\$5,170)	\$0	\$0
16	RT	Contingency	SCE	LA Basin	8-Sep-11	31- 540	Yes	DEC	8	16:00	23:58	-410.43	\$0	\$0	\$18,633	(\$303)	\$0	\$12,942	\$0	\$0	\$0
17	RT	Contingency	SCE	LA Basin	8-Sep-11	366- 800	Yes	INC	9	15:40	23:59	2,068.27	\$95,847	\$1,600	(\$226,610)	\$403	(\$21,098)	\$0	(\$13,718)	\$0	\$0
18	RT	Contingency	SCE	LA Basin	9-Sep-11	330	Yes	INC	1	0:00	0:59	335.84	\$4,820	\$0	(\$33,584)	\$0	\$0	\$0	\$0	\$0	\$0
19	RT	Contingency	SCE	LA Basin	10-Sep-11	260	Yes	INC	3	14:36	16:59	531.33	\$33,548	\$5,396	(\$35,691)	\$138	(\$5,801)	\$0	(\$4,865)	\$0	\$0
20	RT	Contingency	SCE	N/A	8-Sep-11	271	No	DEC	1	18:34	18:46	-32.82	\$0	\$0	\$246	(\$32)	\$0	\$0	\$0	\$0	\$0
21	RT	Contingency	SDG&E	N/A	9-Sep-11	8	Yes	DEC	8	3:25	10:59	3.60	\$0	\$0	(\$121)	\$0	\$0	\$0	\$0	\$0	\$0
22	RT	Contingency	SDG&E	N/A	9-Sep-11	117	Yes	INC	8	3:25	10:59	515.54	\$23,648	\$0	(\$21,468)	\$0	\$0	\$0	\$0	\$0	\$0

Department of Market Analysis and Development – California ISO

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
23	RT	Contingency	SDG&E	San Diego	8-Sep-11	36- 204	Yes	INC	9	15:35	23:58	55.17	\$0	\$0	(\$2,926)	\$26	(\$1,374)	\$0	\$0	\$0	\$0
24	RT	Contingency	SDG&E	San Diego	9-Sep-11	20- 649	Yes	INC	24	0:00	23:59	1,829.73	\$75,135	\$0	(\$133,608)	\$539	(\$21,290)	\$1,514	(\$9,402)	\$0	\$0
25	RT	Fire	SDG&E	San Diego	2-Sep-11	106	Yes	INC	3	16:53	18:34	237.41	\$3,152	\$0	(\$11,182)	\$141	(\$5,648)	\$0	(\$1,630)	\$0	\$0
26	RT	Fire Test	N/A	N/A	26-Sep-11	550	Yes	INC	1	15:00	15:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	RT	G-206	SDG&E	San Diego	10-Sep-11	20- 175	Yes	INC	24	0:00	23:59	7,849.58	\$156,040	\$48,771	(\$351,628)	\$157	(\$5,045)	\$0	(\$507)	\$0	\$0
28	RT	G-219	SCE	LA Basin	19-Sep-11	20- 30	Yes	INC	19	5:00	23:59	3,565.13	\$88,849	\$33,757	(\$403,303)	\$0	\$0	\$0	\$0	\$0	\$0
29	RT	Generation Outage	PG&E	Bay Area	9-Sep-11	90- 135	Yes	INC	24	0:00	23:59	3,444.86	\$228,930	\$0	(\$126,233)	\$0	\$0	\$0	\$0	\$0	\$0
30	RT	Generation Outage	SCE	Big Creek-Ventura	2-Sep-11	20	Yes	INC	11	13:10	23:59	73.85	\$6,996	\$3,262	(\$3,490)	\$4	(\$310)	\$0	\$0	\$0	\$0
31	RT	Generation Outage	SCE	Big Creek-Ventura	8-Sep-11	20	Yes	INC	3	17:00	19:59	102.95	\$8,395	\$0	(\$9,433)	\$0	\$0	\$0	\$0	\$0	\$0
32	RT	Generation Outage	SCE	Big Creek-Ventura	9-Sep-11	40	Yes	INC	24	0:00	23:59	1,423.13	\$135,082	\$0	(\$71,364)	\$414	(\$29,422)	\$0	\$0	\$0	\$0
33	RT	Generation Outage	SCE	LA Basin	8-Sep-11	30- 60	Yes	INC	6	18:00	23:59	149.74	\$47,259	\$0	(\$35,875)	\$0	\$0	\$0	\$0	\$0	\$0
34	RT	Generation Outage	SCE	LA Basin	9-Sep-11	285- 305	Yes	INC	24	0:00	23:59	13,059.58	\$848,096	\$0	(\$526,729)	\$990	(\$41,443)	\$0	(\$1)	\$0	\$0
35	RT	Generation Outage	SCE	LA Basin	28-Sep-11	20	Yes	INC	15	9:00	23:59	2,655.03	\$58,125	\$56,704	(\$122,707)	\$425	(\$17,496)	\$0	\$0	\$0	\$0
36	RT	Generation Outage	SCE	N/A	2-Sep-11	40	Yes	INC	19	5:00	23:59	1,360.48	\$39,453	\$27,982	(\$61,555)	\$0	\$0	\$0	\$0	\$0	\$0
37	RT	Generation Outage	SCE	N/A	8-Sep-11	380	Yes	DEC	4	20:55	23:59	19.16	\$0	\$0	(\$4,790)	\$0	\$0	\$0	\$0	\$0	\$0
38	RT	Generation Outage	SCE	N/A	8-Sep-11	19- 99	Yes	INC	6	18:00	23:59	210.40	\$22,446	\$0	(\$49,749)	\$0	\$0	\$0	\$0	\$0	\$0
39	RT	Generation Outage	SCE	N/A	9-Sep-11	99	Yes	INC	24	0:00	23:59	3,356.12	\$152,251	\$0	(\$123,484)	\$0	\$0	\$0	\$0	\$0	\$0
40	RT	Generation Outage	SDG&E	San Diego	9-Sep-11	20	No	INC	8	5:00	12:24	341.52	\$19,379	\$7,639	(\$15,973)	\$3	(\$134)	\$0	\$0	\$0	\$0
41	RT	Intertie Emergency Assistance	N/A	N/A	6-Sep-11	100- 250	No	INC	7	11:30	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	RT	Intertie Emergency Assistance	N/A	N/A	8-Sep-11	25	No	DEC	1	21:15	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	RT	Intertie Emergency Assistance	N/A	N/A	8-Sep-11	80- 220	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	RT	Load Forecast Error	N/A	N/A	3-Sep-11	20	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45	RT	Load Forecast Error	PG&E	Fresno	17-Sep-11	83	Yes	INC	1	18:00	18:59	124.47	\$3,735	\$600	(\$4,981)	\$0	\$0	\$0	\$0	\$0	\$0
46	RT	Load Forecast Error	SCE	Big Creek-Ventura	3-Sep-11	20	Yes	INC	20	4:00	23:59	400.00	\$55,499	\$0	(\$9,455)	\$0	\$0	\$0	\$0	\$0	\$0
47	RT	Load Forecast Error	SCE	LA Basin	3-Sep-11	40- 60	Yes	INC	24	0:00	23:59	1,359.17	\$168,424	\$0	(\$33,529)	\$0	\$0	\$0	\$0	\$0	\$0
48	RT	Load Forecast Error	SCE	LA Basin	5-Sep-11	40	Yes	INC	24	0:00	23:59	1,747.87	\$124,586	\$0	(\$59,084)	\$0	\$0	\$0	\$0	\$0	\$0

Department of Market Analysis and Development – California ISO

Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
49	RT	Load Forecast Error	SCE	LA Basin	23-Sep-11	20- 40	Yes	INC	24	0:00	23:59	2,856.4 4	\$129,852	\$0	(\$120,7 80)	\$562	(\$24,34 8)	\$0	\$0	\$0	\$0
50	RT	Market Disruption	N/A	N/A	15-Sep-11	350	Yes	INC	1	11:00	11:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	RT	Missing Bids	N/A	N/A	18-Sep-11	0	Yes	INC	7	0:00	6:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	RT	Over Generation	PG&E	Fresno	4-Sep-11	310	Yes	DEC	2	7:13	8:24	-361.67	\$0	\$0	(\$7,512)	\$0	\$0	\$0	\$0	\$0	\$0
53	RT	Path 26	SCE	LA Basin	13-Sep-11	210- 265	Yes	INC	24	0:00	23:59	16,245. 03	\$671,785	\$126,96 8	(\$934,8 89)	\$379	(\$34,19 5)	\$0	\$0	\$0	\$0
54	RT	Path 26	SDG&E	San Diego	13-Sep-11	20- 40	Yes	INC	24	0:00	23:59	1,523.0 4	\$70,255	\$0	(\$90,80 4)	\$0	\$0	\$0	\$0	\$0	\$0
55	RT	Path 43	SDG&E	San Diego	19-Sep-11	475	No	INC	1	16:12	16:39	11.70	\$2,977	\$0	(\$425)	\$0	\$0	\$0	\$0	\$0	\$0
56	RT	Path 66	N/A	N/A	21-Sep-11	200	No	DEC	1	13:35	13:59	-41.67	\$0	\$0	\$250	(\$35)	\$0	\$0	\$0	\$0	\$0
57	RT	Per SC Request	SCE	LA Basin	15-Sep-11	0	Yes	INC	2	18:35	19:04	1.28	\$0	\$7	(\$32)	\$0	\$0	\$0	\$0	\$0	\$0
58	RT	Ramp Rate	N/A	N/A	1-Sep-11	69	Yes	INC	13	9:50	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59	RT	Ramp Rate	N/A	N/A	8-Sep-11	105- 190	Yes	DEC	9	13:25	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	RT	Ramp Rate	N/A	N/A	8-Sep-11	2- 70	Yes	INC	9	13:25	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	RT	Ramp Rate	N/A	N/A	9-Sep-11	64	Yes	INC	12	12:25	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	RT	Ramp Rate	N/A	N/A	10-Sep-11	68	Yes	INC	4	9:30	12:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	RT	Ramp Rate	N/A	N/A	15-Sep-11	68	Yes	INC	12	8:05	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	RT	Ramp Rate	N/A	N/A	28-Sep-11	131	Yes	INC	9	13:50	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	RT	Ramp Rate	PG&E	Bay Area	7-Sep-11	384- 647	Yes	DEC	10	12:40	21:59	1,915.9 2	\$0	\$0	\$70,681	\$0	\$0	\$0	\$0	\$0	\$0
66	RT	Ramp Rate	PG&E	Bay Area	7-Sep-11	17- 79	Yes	INC	10	12:30	21:59	297.11	\$0	\$0	(\$13,62 9)	\$99	(\$4,584)	\$0	\$0	\$0	\$0
67	RT	Ramp Rate	PG&E	Bay Area	8-Sep-11	124	Yes	INC	9	13:30	21:59	799.05	\$54,188	\$0	(\$42,33 6)	\$150	(\$6,864)	\$0	\$0	\$0	\$0
68	RT	Ramp Rate	SCE	Big Creek- Ventura	2-Sep-11	52- 215	Yes	INC	9	13:45	21:59	881.79	\$24,252	\$11,309	(\$63,53 0)	\$498	(\$40,31 6)	\$0	\$0	\$0	\$0
69	RT	Ramp Rate	SCE	Big Creek- Ventura	7-Sep-11	104	Yes	INC	10	12:25	21:59	1,149.5 5	\$54,408	\$0	(\$63,07 7)	\$526	(\$33,98 0)	\$0	\$0	\$0	\$0
70	RT	Ramp Rate	SCE	Big Creek- Ventura	9-Sep-11	100	Yes	INC	7	12:00	18:59	693.99	\$39,399	\$0	(\$40,51 6)	\$414	(\$29,42 2)	\$0	\$0	\$0	\$0
71	RT	Ramp Rate	SCE	LA Basin	1-Sep-11	15- 249	No	DEC	11	10:55	20:59	1,283.6 5	\$0	\$0	\$66,436	\$0	\$0	\$0	\$0	\$0	\$0
72	RT	Ramp Rate	SCE	LA Basin	1-Sep-11	66- 473	Yes	INC	13	9:50	21:59	4,649.2 1	\$112,856	\$1,096	(\$292,2 83)	\$2,059	(\$90,46 4)	\$0	\$0	\$0	\$0
73	RT	Ramp Rate	SCE	LA Basin	2-Sep-11	336- 752	Yes	INC	9	13:40	21:59	4,696.1 1	\$90,037	\$35,792	(\$255,2 10)	\$1,735	(\$88,50 0)	\$0	\$0	\$0	\$0
74	RT	Ramp Rate	SCE	LA Basin	7-Sep-11	694- 987	No	DEC	5	12:20	16:29	-689.43	\$0	\$0	\$30,469	\$0	\$0	\$0	\$0	\$0	\$0
75	RT	Ramp Rate	SCE	LA Basin	7-Sep-11	40- 144	Yes	INC	12	12:20	23:59	742.41	\$39,341	\$0	(\$51,53 2)	\$496	(\$40,99 2)	\$0	\$0	\$0	\$0
76	RT	Ramp Rate	SCE	LA Basin	8-Sep-11	242- 480	Yes	INC	9	13:25	21:59	1,560.7 4	\$114,425	\$0	(\$170,0 45)	\$381	(\$18,25 8)	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
77	RT	Ramp Rate	SCE	LA Basin	9-Sep-11	182- 234	No	DEC	7	12:00	18:59	1,361.6 6	\$0	\$0	\$55,145	\$0	\$0	\$0	\$0	\$0	\$0
78	RT	Ramp Rate	SCE	LA Basin	9-Sep-11	480	Yes	INC	7	12:00	18:59	3,609.6 5	\$138,215	\$0	(\$150,7 01)	\$986	(\$41,26 9)	\$0	\$0	\$0	\$0
79	RT	Ramp Rate	SCE	LA Basin	10-Sep-11	48- 182	No	DEC	7	11:10	17:59	-699.98	\$0	\$0	\$36,035	\$0	\$0	\$0	\$0	\$0	\$0
80	RT	Ramp Rate	SCE	LA Basin	10-Sep-11	36	No	INC	7	11:10	17:59	16.46	\$0	\$0	(\$697)	\$19	(\$785)	\$0	\$0	\$0	\$0
81	RT	Ramp Rate	SCE	LA Basin	11-Sep-11	220	Yes	INC	7	14:00	20:59	1,516.3 3	\$33,457	\$0	(\$79,02 2)	\$864	(\$34,27 5)	\$0	\$0	\$0	\$0
82	RT	Ramp Rate	SCE	LA Basin	13-Sep-11	111	Yes	INC	7	14:00	20:59	979.95	\$49,862	\$28,964	(\$111,8 91)	\$379	(\$34,19 5)	\$0	\$0	\$0	\$0
83	RT	Ramp Rate	SCE	LA Basin	14-Sep-11	17- 231	No	DEC	9	11:00	19:59	1,298.2 0	\$0	\$0	\$43,589	\$0	\$0	\$0	\$0	\$0	\$0
84	RT	Ramp Rate	SCE	LA Basin	14-Sep-11	71- 107	Yes	INC	9	11:00	19:59	615.56	\$37,936	\$0	(\$41,65 5)	\$402	(\$34,84 7)	\$0	\$0	\$0	\$0
85	RT	Ramp Rate	SCE	LA Basin	20-Sep-11	190- 380	Yes	INC	11	10:30	20:59	4,502.1 5	\$78,995	\$76,716	(\$184,0 54)	\$2,246	(\$90,03 1)	\$0	\$0	\$0	\$0
86	RT	Ramp Rate	SCE	LA Basin	22-Sep-11	190	Yes	INC	10	12:39	21:59	2,163.2 5	\$37,458	\$0	(\$91,74 8)	\$619	(\$24,77 9)	\$0	\$0	\$0	\$0
87	RT	Ramp Rate	SCE	LA Basin	23-Sep-11	260	Yes	INC	7	12:40	18:59	2,009.8 3	\$42,959	\$0	(\$91,90 7)	\$562	(\$24,34 8)	\$0	\$0	\$0	\$0
88	RT	Ramp Rate	SCE	LA Basin	28-Sep-11	190	Yes	INC	9	13:50	21:59	2,249.3 9	\$31,646	\$30,872	(\$104,5 01)	\$425	(\$17,49 6)	\$0	\$0	\$0	\$0
89	RT	Ramp Rate	SDG&E	San Diego	7-Sep-11	68	No	INC	2	22:00	23:59	100.91	\$6,626	\$0	(\$3,201)	\$0	(\$1)	\$0	\$0	\$0	\$0
90	RT	Ramp Rate	SDG&E	San Diego	9-Sep-11	68- 132	No	INC	12	7:25	18:59	-5.62	\$32,251	\$2,155	\$1,822	\$3	(\$134)	\$0	\$0	\$0	\$0
91	RT	Recover ACE	PG&E	Fresno	9-Sep-11	83- 404	No	INC	2	22:10	23:17	236.24	\$6,225	\$667	(\$12,80 4)	\$113	(\$6,474)	\$0	\$0	\$0	\$0
92	RT	Recover ACE	PG&E	N/A	9-Sep-11	52- 400	No	INC	2	22:03	23:58	166.08	\$6,588	\$0	(\$7,379)	\$0	\$0	\$0	\$0	\$0	\$0
93	RT	Risk Predictor	N/A	N/A	1-Sep-11	20	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
94	RT	Risk Predictor	N/A	N/A	2-Sep-11	20	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	RT	Risk Predictor	N/A	N/A	28-Sep-11	20- 40	Yes	INC	14	10:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
96	RT	Risk Predictor	PG&E	Bay Area	18-Sep-11	138	No	INC	5	19:00	23:58	714.91	\$0	\$0	(\$25,65 0)	\$614	(\$21,53 7)	\$0	(\$43,93 2)	\$0	\$0
97	RT	Risk Predictor	PG&E	Bay Area	19-Sep-11	170	No	INC	3	0:00	2:59	509.00	\$0	\$0	\$4,818	\$509	\$4,859	\$0	(\$50,54 2)	\$0	\$0
98	RT	Risk Predictor	PG&E	Bay Area	20-Sep-11	45	Yes	INC	24	0:00	23:59	1,101.1 6	\$71,640	\$0	(\$34,00 0)	\$0	\$0	\$0	\$0	\$0	\$0
99	RT	Risk Predictor	PG&E	Bay Area	21-Sep-11	45	Yes	INC	24	0:00	23:59	1,968.9 6	\$62,685	\$0	(\$69,93 0)	\$0	\$0	\$0	\$0	\$0	\$0
100	RT	Risk Predictor	PG&E	N/A	1-Sep-11	136	Yes	INC	24	0:00	23:59	4,130.1 7	\$145,320	\$0	(\$168,1 51)	\$0	(\$9)	\$0	(\$1)	\$0	\$0
101	RT	Risk Predictor	SCE	Big Creek- Ventura	7-Sep-11	40	Yes	INC	24	0:00	23:59	1,735.4 9	\$135,082	\$0	(\$84,17 7)	\$526	(\$33,98 0)	\$0	\$0	\$0	\$0
102	RT	Risk Predictor	SCE	Big Creek- Ventura	20-Sep-11	20- 40	Yes	INC	17	7:00	23:59	660.00	\$92,885	\$26,861	(\$22,09 8)	\$0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
103	RT	Risk Predictor	SCE	LA Basin	2-Sep-11	65- 85	Yes	INC	24	0:00	23:59	6,701.6 0	\$208,071	\$29,550	(\$332,9 74)	\$1,194	(\$59,21 4)	\$0	\$0	\$0	\$0
104	RT	Risk Predictor	SCE	LA Basin	4-Sep-11	20- 40	Yes	INC	24	0:00	23:59	859.17	\$113,171	\$0	(\$15,54 4)	\$0	\$0	\$0	\$0	\$0	\$0
105	RT	Risk Predictor	SCE	LA Basin	7-Sep-11	55- 85	Yes	INC	24	0:00	23:59	6,485.8 5	\$265,576	\$96,660	(\$302,7 77)	\$424	(\$37,58 0)	\$0	\$0	\$0	\$0
106	RT	Risk Predictor	SCE	LA Basin	14-Sep-11	85	Yes	INC	24	0:00	23:59	2,459.4 1	\$297,359	\$0	(\$98,17 8)	\$400	(\$34,80 3)	\$0	\$0	\$0	\$0
107	RT	Risk Predictor	SCE	LA Basin	19-Sep-11	96- 192	No	INC	5	15:50	19:42	503.87	\$0	\$0	(\$21,68 4)	\$5	(\$220)	\$0	(\$165)	\$0	\$0
108	RT	Risk Predictor	SCE	LA Basin	20-Sep-11	10- 70	Yes	INC	24	0:00	23:59	6,158.4 6	\$216,694	\$144,72 6	(\$243,1 89)	\$2,246	(\$90,03 1)	\$0	\$0	\$0	\$0
109	RT	Risk Predictor	SCE	LA Basin	21-Sep-11	20- 30	Yes	INC	17	7:00	23:59	1,197.1 6	\$107,183	\$0	(\$46,26 0)	\$0	\$0	\$0	\$0	\$0	\$0
110	RT	Risk Predictor	SCE	LA Basin	28-Sep-11	10- 60	Yes	INC	15	9:00	23:59	2,598.5 1	\$116,625	\$100,46 7	(\$147,3 75)	\$0	\$0	\$0	\$0	\$0	\$0
111	RT	Risk Predictor	SCE	LA Basin	29-Sep-11	60- 110	Yes	INC	24	0:00	23:59	2,762.5 9	\$365,242	\$0	(\$82,34 5)	\$0	\$0	\$0	\$0	\$0	\$0
112	RT	Risk Predictor	SCE	LA Basin	30-Sep-11	70- 80	Yes	INC	24	0:00	23:58	1,838.7 5	\$305,731	\$0	(\$45,12 8)	\$0	\$0	\$0	\$0	\$0	\$0
113	RT	Risk Predictor	SCE	N/A	5-Sep-11	40	No	INC	1	16:00	16:09	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
114	RT	Risk Predictor	SCE	N/A	14-Sep-11	320	Yes	INC	24	0:00	23:59	7,764.5 4	\$304,900	\$0	(\$232,1 66)	\$0	\$0	\$0	\$0	\$0	\$0
115	RT	Risk Predictor	SCE	N/A	20-Sep-11	40- 80	Yes	INC	17	7:00	23:59	1,919.0 6	\$85,866	\$55,965	(\$64,81 7)	\$0	\$0	\$0	\$0	\$0	\$0
116	RT	Risk Predictor	SDG&E	San Diego	2-Sep-11	20	Yes	INC	2	22:00	23:59	172.70	\$2,521	\$0	(\$8,494)	\$0	\$0	\$0	\$0	\$0	\$0
117	RT	Risk Predictor	SDG&E	San Diego	14-Sep-11	20- 40	No	INC	24	0:00	23:59	1,065.1 8	\$50,261	\$0	(\$30,94 7)	\$0	\$0	\$0	\$0	\$0	\$0
118	RT	Risk Predictor	SDG&E	San Diego	15-Sep-11	20	No	INC	4	20:00	23:59	124.15	\$5,246	\$0	(\$3,906)	\$0	\$0	\$0	\$0	\$0	\$0
119	RT	Risk Predictor	SDG&E	San Diego	29-Sep-11	40	No	INC	24	0:00	23:59	960.06	\$81,690	\$0	(\$26,87 5)	\$0	\$0	\$0	\$0	\$0	\$0
120	RT	SLIC Derate	SCE	N/A	8-Sep-11	186	No	DEC	2	18:47	19:15	-117.97	\$0	\$0	\$3,505	(\$92)	\$0	\$0	\$0	\$0	\$0
121	RT	SP26 Capacity	PG&E	Bay Area	19-Sep-11	45	Yes	INC	24	0:00	23:59	2,474.5 9	\$62,685	\$17,069	(\$321,6 23)	\$0	\$0	\$0	\$0	\$0	\$0
122	RT	SP26 Capacity	SCE	Big Creek- Ventura	8-Sep-11	20	Yes	INC	24	0:00	23:59	765.45	\$67,923	\$0	(\$91,82 5)	\$0	\$0	\$0	\$0	\$0	\$0
123	RT	SP26 Capacity	SCE	LA Basin	1-Sep-11	60	Yes	INC	24	0:00	23:59	5,580.8 7	\$241,514	\$0	(\$322,7 41)	\$1,992	(\$87,39 0)	\$0	\$0	\$0	\$0
124	RT	SP26 Capacity	SCE	LA Basin	2-Sep-11	20	Yes	INC	24	0:00	23:59	1,310.2 8	\$49,437	\$29,550	(\$69,08 8)	\$541	(\$29,28 6)	\$0	\$0	\$0	\$0
125	RT	SP26 Capacity	SCE	LA Basin	8-Sep-11	150- 500	Yes	INC	24	0:00	23:59	6,654.3 7	\$505,318	\$0	(\$390,9 94)	\$554	(\$27,46 0)	\$0	(\$815)	\$0	\$0
126	RT	SP26 Capacity	SCE	LA Basin	10-Sep-11	10	Yes	INC	22	2:00	23:59	593.98	\$37,026	\$0	(\$29,49 1)	\$0	\$0	\$0	\$0	\$0	\$0
127	RT	SP26 Capacity	SCE	LA Basin	11-Sep-11	110	Yes	INC	24	0:00	23:59	4,049.3 8	\$242,798	\$0	(\$175,6 72)	\$864	(\$34,27 5)	\$0	\$0	\$0	\$0
128	RT	SP26 Capacity	SCE	LA Basin	12-Sep-11	70	Yes	INC	24	0:00	23:59	4,667.7	\$114,710	\$0	(\$203,5	\$0	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
												2			25)						
129	RT	SP26 Capacity	SCE	LA Basin	15-Sep-11	65	Yes	INC	24	0:00	23:59	1,561.25	\$224,572	\$0	(\$41,287)	\$0	\$0	\$0	\$0	\$0	\$0
130	RT	SP26 Capacity	SCE	LA Basin	16-Sep-11	65	Yes	INC	24	0:00	23:59	1,649.15	\$224,572	\$0	(\$49,297)	\$0	\$0	\$0	\$0	\$0	\$0
131	RT	SP26 Capacity	SCE	LA Basin	19-Sep-11	20- 40	Yes	INC	15	9:00	23:59	2,179.34	\$84,334	\$69,045	(\$481,119)	\$0	\$0	\$0	\$0	\$0	\$0
132	RT	SP26 Capacity	SCE	LA Basin	20-Sep-11	20- 40	Yes	INC	23	1:00	23:59	925.20	\$130,864	\$0	(\$29,755)	\$0	\$0	\$0	\$0	\$0	\$0
133	RT	SP26 Capacity	SCE	LA Basin	21-Sep-11	272	No	DEC	1	17:00	17:04	-12.22	\$0	\$0	\$503	\$0	\$0	\$0	\$0	\$0	\$0
134	RT	SP26 Capacity	SCE	LA Basin	21-Sep-11	40	Yes	INC	24	0:00	23:59	971.80	\$139,588	\$0	(\$30,892)	\$0	\$0	\$0	\$0	\$0	\$0
135	RT	SP26 Capacity	SCE	LA Basin	22-Sep-11	60	Yes	INC	24	0:00	23:59	3,716.08	\$232,587	\$0	(\$138,583)	\$617	(\$24,685)	\$0	\$0	\$0	\$0
136	RT	SP26 Capacity	SDG&E	San Diego	1-Sep-11	20	Yes	INC	23	1:00	23:59	678.32	\$28,500	\$0	(\$33,248)	\$0	\$0	\$0	\$0	\$0	\$0
137	RT	SP26 Capacity	SDG&E	San Diego	2-Sep-11	20	Yes	INC	18	0:00	17:59	503.46	\$22,691	\$0	(\$21,147)	\$57	(\$2,127)	\$0	(\$779)	\$0	\$0
138	RT	SP26 Capacity	SDG&E	San Diego	10-Sep-11	40- 290	Yes	INC	11	13:00	23:59	2,992.80	\$46,546	\$13,989	(\$157,379)	\$180	(\$5,782)	\$0	(\$554)	\$0	\$0
139	RT	SP26 Capacity	SDG&E	San Diego	11-Sep-11	60- 100	Yes	INC	24	0:00	23:59	2,386.56	\$139,481	\$0	(\$100,590)	\$0	\$0	\$0	\$0	\$0	\$0
140	RT	SP26 Capacity	SDG&E	San Diego	12-Sep-11	20	No	INC	24	0:00	23:59	1,128.34	\$51,272	\$0	(\$50,686)	\$0	\$0	\$0	\$0	\$0	\$0
141	RT	SP26 Capacity	SDG&E	San Diego	15-Sep-11	20	No	INC	9	0:00	8:04	313.72	\$9,204	\$0	(\$6,079)	\$0	\$0	\$0	\$0	\$0	\$0
142	RT	SP26 Capacity	SDG&E	San Diego	19-Sep-11	20- 40	Yes	INC	17	7:00	23:59	1,145.08	\$39,919	\$0	(\$140,855)	\$0	\$0	\$0	\$0	\$0	\$0
143	RT	Software Limitation	N/A	N/A	1-Sep-11	15	Yes	DEC	1	10:10	10:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
144	RT	Software Limitation	N/A	N/A	1-Sep-11	320	Yes	INC	1	11:20	11:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
145	RT	Software Limitation	N/A	N/A	2-Sep-11	78	No	DEC	3	1:35	3:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
146	RT	Software Limitation	N/A	N/A	2-Sep-11	360	Yes	INC	7	1:35	7:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
147	RT	Software Limitation	N/A	N/A	3-Sep-11	600	No	INC	4	2:50	5:04	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
148	RT	Software Limitation	N/A	N/A	5-Sep-11	40- 360	Yes	INC	6	3:55	8:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
149	RT	Software Limitation	N/A	N/A	12-Sep-11	20	Yes	INC	2	16:30	17:14	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
150	RT	Software Limitation	N/A	N/A	14-Sep-11	68- 131	Yes	INC	12	8:15	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
151	RT	Software Limitation	N/A	N/A	16-Sep-11	0	Yes	INC	9	1:30	9:04	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
152	RT	Software Limitation	N/A	N/A	18-Sep-11	130- 150	Yes	INC	2	14:50	15:19	79.76	\$0	\$0	(\$15,164)	\$34	(\$6,339)	\$0	\$0	\$0	\$0
153	RT	Software Limitation	N/A	N/A	19-Sep-11	75	Yes	INC	2	3:00	4:04	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
154	RT	Software Limitation	N/A	N/A	20-Sep-11	0	Yes	INC	1	17:00	17:29	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
155	RT	Software Limitation	N/A	N/A	21-Sep-11	20	Yes	INC	2	0:10	1:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
156	RT	Software Limitation	PG&E	Bay Area	3-Sep-11	600	No	INC	4	5:05	8:59	1,006.68	\$42,772	\$0	(\$9,767)	\$0	\$0	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
157	RT	Software Limitation	PG&E	Bay Area	8-Sep-11	105- 288	No	DEC	6	18:38	23:58	-418.83	\$0	\$0	\$10,143	(\$414)	\$0	\$8,878	\$0	\$0	\$0
158	RT	Software Limitation	PG&E	Bay Area	8-Sep-11	20- 700	Yes	INC	6	18:38	23:58	129.52	\$34,000	\$0	(\$28,744)	(\$78)	(\$290)	\$2,029	(\$72)	\$0	\$0
159	RT	Software Limitation	PG&E	Bay Area	9-Sep-11	750	Yes	INC	1	0:00	0:59	80.46	\$6,441	\$0	(\$9,498)	(\$20)	\$0	\$548	\$0	\$0	\$0
160	RT	Software Limitation	PG&E	Bay Area	18-Sep-11	45	Yes	INC	2	22:45	23:58	56.25	\$498	\$0	(\$1,565)	\$0	\$0	\$0	\$0	\$0	\$0
161	RT	Software Limitation	PG&E	Fresno	1-Sep-11	360	No	INC	19	5:15	23:59	-22.47	\$10,152	\$0	(\$4,461)	\$10	(\$286)	\$0	\$0	\$0	\$0
162	RT	Software Limitation	PG&E	Fresno	2-Sep-11	360	No	INC	2	6:45	7:01	-10.04	\$0	\$0	\$560	\$0	\$0	\$0	\$0	\$0	\$0
163	RT	Software Limitation	PG&E	Fresno	3-Sep-11	310- 620	No	DEC	4	4:45	7:59	-671.67	\$0	\$0	\$9,220	\$0	\$0	\$0	\$0	\$0	\$0
164	RT	Software Limitation	PG&E	Fresno	5-Sep-11	360	No	INC	4	0:42	3:54	90.82	\$2,900	\$0	\$495	\$10	(\$261)	\$0	\$0	\$0	\$0
165	RT	Software Limitation	PG&E	Fresno	9-Sep-11	620	No	INC	1	1:00	1:59	600.75	\$0	\$0	(\$17,906)	\$221	(\$11,885)	\$0	\$0	\$0	\$0
166	RT	Software Limitation	PG&E	Fresno	18-Sep-11	310	No	DEC	2	2:07	3:19	-490.83	\$0	\$0	\$18,515	\$0	\$0	\$0	\$0	\$0	\$0
167	RT	Software Limitation	PG&E	Fresno	18-Sep-11	0	Yes	INC	22	2:20	23:44	-6.00	\$0	\$44	\$257	\$0	\$0	\$0	\$0	\$0	\$0
168	RT	Software Limitation	PG&E	Humboldt	1-Sep-11	14	No	INC	10	14:34	23:59	38.04	\$1,699	\$0	(\$1,694)	\$9	(\$321)	\$0	\$0	\$0	\$0
169	RT	Software Limitation	PG&E	N/A	8-Sep-11	2- 175	Yes	DEC	6	18:38	23:58	-410.50	\$0	\$0	\$6,559	(\$415)	\$0	\$6,948	\$0	\$0	\$0
170	RT	Software Limitation	PG&E	N/A	8-Sep-11	400-1069	Yes	INC	6	18:38	23:58	1,510.70	\$34,207	\$0	(\$155,319)	\$66	(\$9,174)	\$373	\$0	\$0	\$0
171	RT	Software Limitation	PG&E	N/A	9-Sep-11	930	Yes	INC	1	0:00	0:59	645.06	\$17,688	\$0	(\$65,235)	\$29	(\$3,646)	\$0	\$0	\$0	\$0
172	RT	Software Limitation	PG&E	N/A	19-Sep-11	185- 310	No	INC	3	2:25	4:51	76.74	\$13,221	\$0	(\$1,732)	\$0	\$0	\$0	\$0	\$0	\$0
173	RT	Software Limitation	PG&E	N/A	24-Sep-11	97	No	INC	1	14:15	14:40	24.25	\$983	\$179	(\$637)	\$0	\$0	\$0	\$0	\$0	\$0
174	RT	Software Limitation	SCE	Big Creek-Ventura	8-Sep-11	39- 239	Yes	DEC	6	18:36	23:58	-503.71	\$0	\$0	\$12,765	(\$474)	\$0	\$6,589	\$0	\$0	\$0
175	RT	Software Limitation	SCE	Big Creek-Ventura	8-Sep-11	20- 340	Yes	INC	6	18:44	23:58	627.95	\$30,962	\$78	(\$131,676)	(\$20)	\$0	\$265	\$0	\$0	\$0
176	RT	Software Limitation	SCE	Big Creek-Ventura	9-Sep-11	14	No	DEC	1	0:00	0:59	-15.04	\$0	\$0	\$433	(\$14)	\$0	\$328	\$0	\$0	\$0
177	RT	Software Limitation	SCE	Big Creek-Ventura	26-Sep-11	0	No	INC	2	22:45	23:59	4.17	\$0	\$0	(\$121)	\$0	\$0	\$0	\$0	\$0	\$0
178	RT	Software Limitation	SCE	Big Creek-Ventura	27-Sep-11	0	No	INC	6	0:00	5:44	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
179	RT	Software Limitation	SCE	LA Basin	7-Sep-11	0	Yes	INC	2	20:45	21:44	7.65	\$0	\$0	(\$290)	\$0	\$0	\$0	\$0	\$0	\$0
180	RT	Software Limitation	SCE	LA Basin	8-Sep-11	153- 543	No	DEC	4	20:45	23:58	-430.81	\$0	\$0	\$14,338	(\$401)	\$0	\$12,183	\$0	\$0	\$0
181	RT	Software Limitation	SCE	LA Basin	8-Sep-11	25-1345	Yes	INC	6	18:44	23:59	-326.11	\$93,290	\$0	(\$3,345)	(\$345)	\$0	\$10,595	\$0	\$0	\$0
182	RT	Software Limitation	SCE	LA Basin	9-Sep-11	46	No	DEC	1	0:00	0:59	-45.24	\$0	\$0	\$1,678	(\$42)	\$0	\$1,317	\$0	\$0	\$0
183	RT	Software Limitation	SCE	LA Basin	9-Sep-11	600	No	INC	1	0:00	0:59	-303.16	\$0	\$0	\$8,255	(\$267)	\$0	\$4,596	\$0	\$0	\$0
184	RT	Software Limitation	SCE	LA Basin	14-Sep-11	0	Yes	INC	4	3:45	6:14	0.00	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
185	RT	Software Limitation	SCE	LA Basin	25-Sep-11	202- 224	Yes	DEC	2	14:55	15:59	-796.42	\$0	\$0	\$21,087	(\$34)	\$0	\$991	\$0	\$0	\$0
186	RT	Software Limitation	SCE	N/A	5-Sep-11	0	No	INC	1	16:00	16:19	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
187	RT	Software Limitation	SCE	N/A	8-Sep-11	170- 236	Yes	DEC	4	20:29	23:58	-375.81	\$0	\$0	\$6,728	(\$375)	\$0	\$6,707	\$0	\$0	\$0
188	RT	Software Limitation	SCE	N/A	8-Sep-11	1- 491	Yes	INC	5	19:16	23:58	701.06	\$6,382	\$0	(\$24,911)	\$318	(\$11,767)	\$0	\$0	\$0	\$0

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
189	RT	Software Limitation	SCE	N/A	9-Sep-11	367	Yes	INC	1	0:00	0:59	353.11	\$6,395	\$0	(\$11,447)	\$0	\$0	\$0	\$0	\$0	\$0
190	RT	Software Limitation	SCE	N/A	10-Sep-11	0	Yes	INC	9	0:10	8:49	310.85	\$6,397	\$0	(\$11,776)	\$0	\$0	\$0	\$0	\$0	\$0
191	RT	Software Limitation	SDG&E	N/A	18-Sep-11	145	No	INC	10	0:00	9:59	382.92	\$4,841	\$0	(\$12,956)	\$0	\$0	\$0	\$0	\$0	\$0
192	RT	Software Limitation	SDG&E	N/A	22-Sep-11	590	No	INC	4	17:21	20:59	-22.11	\$5,223	\$0	\$1,050	\$8	(\$275)	\$0	\$0	\$0	\$0
193	RT	Software Limitation	SDG&E	San Diego	7-Sep-11	0	Yes	INC	2	19:30	20:29	0.00	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
194	RT	Software Limitation	SDG&E	San Diego	8-Sep-11	417	Yes	INC	1	23:16	23:58	114.07	\$4,778	\$1,479	(\$10,269)	\$0	\$0	\$0	\$0	\$0	\$0
195	RT	Software Limitation	SDG&E	San Diego	9-Sep-11	147	Yes	INC	12	0:00	11:59	514.72	\$20,021	\$245	(\$29,043)	\$185	(\$8,948)	\$0	\$0	\$0	\$0
196	RT	Software Limitation	SDG&E	San Diego	12-Sep-11	20	Yes	DEC	11	0:50	10:09	-2.50	\$0	\$0	\$0	(\$3)	\$0	\$0	\$0	\$0	\$0
197	RT	Software Limitation	SDG&E	San Diego	12-Sep-11	68	Yes	INC	19	0:15	18:44	-964.32	\$1,646	\$7,217	\$40,652	\$0	\$0	\$0	\$0	\$0	\$0
198	RT	Software Limitation	SDG&E	San Diego	13-Sep-11	13	Yes	INC	5	9:37	13:59	9.88	\$0	\$0	(\$373)	\$0	\$0	\$0	\$0	\$0	\$0
199	RT	Software Limitation	SDG&E	San Diego	17-Sep-11	20	No	INC	3	16:30	18:59	45.00	\$0	\$0	(\$1,733)	\$0	\$0	\$0	\$0	\$0	\$0
200	RT	Software Limitation	SDG&E	San Diego	20-Sep-11	0	No	INC	5	17:00	21:58	-337.17	\$0	\$0	\$0	(\$337)	\$0	\$0	\$0	\$0	\$0
201	RT	Software Limitation	SDG&E	San Diego	21-Sep-11	68	No	INC	2	0:00	1:57	-31.94	\$1,615	\$10,226	\$626	\$0	\$0	\$0	\$0	\$0	\$0
202	RT	System Energy	N/A	N/A	6-Sep-11	450	No	INC	1	15:00	15:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
203	RT	System Energy	N/A	N/A	8-Sep-11	400	No	DEC	1	21:00	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
204	RT	System Energy	N/A	N/A	8-Sep-11	50	No	INC	1	21:00	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
205	RT	System Energy	N/A	N/A	9-Sep-11	300- 429	No	DEC	7	0:00	6:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
206	RT	System Energy	N/A	N/A	9-Sep-11	250- 500	Yes	INC	7	0:00	6:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
207	RT	System Energy	N/A	N/A	12-Sep-11	215	Yes	INC	1	13:00	13:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
208	RT	System Energy	N/A	N/A	18-Sep-11	300	No	INC	1	16:00	16:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209	RT	System Energy	N/A	N/A	26-Sep-11	200- 334	No	DEC	11	6:00	16:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
210	RT	System Energy	N/A	N/A	26-Sep-11	675	Yes	INC	1	12:00	12:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
211	RT	System Energy	N/A	N/A	30-Sep-11	242	No	DEC	1	4:00	4:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
212	RT	System Energy	N/A	N/A	30-Sep-11	502	Yes	INC	1	4:00	4:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
213	RT	System Reliability	N/A	N/A	7-Sep-11	53	Yes	INC	3	15:15	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
214	RT	System Reliability	N/A	N/A	22-Sep-11	100- 180	No	DEC	7	14:55	20:59	-984.87	\$0	\$0	\$732	(\$606)	\$0	\$6	\$0	\$0	\$0
215	RT	System Reliability	PG&E	Fresno	7-Sep-11	53	No	INC	2	14:54	15:17	16.90	\$1,810	\$215	(\$571)	\$0	(\$16)	\$0	(\$11)	\$0	\$0
216	RT	System Restoration	N/A	N/A	9-Sep-11	330- 530	Yes	INC	4	1:10	4:44	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
217	RT	System Restoration	SDG&E	San Diego	8-Sep-11	68- 75	Yes	INC	3	21:20	23:59	30.16	\$4,701	\$0	(\$1,482)	\$0	\$0	\$0	\$0	\$0	\$0
218	RT	System Restoration	SDG&E	San Diego	9-Sep-11	210- 815	Yes	INC	7	0:00	6:59	3,229.33	\$102,135	\$263	(\$167,855)	\$993	(\$38,478)	\$0	(\$16,716)	\$0	\$0
219	RT	T-129	PG&E	Fresno	1-Sep-11	5	Yes	DEC	24	0:00	23:59	-87.97	\$0	\$0	\$5,542	(\$34)	\$0	\$1,998	\$0	(\$1,848)	\$0
220	RT	T-129	PG&E	Fresno	1-Sep-11	5- 75	Yes	INC	24	0:00	23:59	-17.04	\$0	\$0	\$60	\$0	\$0	\$0	\$0	\$0	\$0
221	RT	T-129	PG&E	Fresno	2-Sep-11	5	Yes	DEC	24	0:00	23:59	-34.38	\$0	\$0	\$1,631	(\$34)	\$0	\$1,624	\$0	(\$1,028)	\$0
222	RT	T-129	PG&E	Fresno	2-Sep-11	5- 75	Yes	INC	24	0:00	23:59	20.03	\$0	\$0	(\$581)	\$0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
223	RT	T-129	PG&E	Fresno	3-Sep-11	5	Yes	DEC	19	0:00	18:39	-22.92	\$0	\$0	\$678	(\$23)	\$0	\$676	\$0	(\$337)	\$0
224	RT	T-129	PG&E	Fresno	3-Sep-11	75	Yes	INC	20	0:00	19:09	-70.87	\$0	\$0	(\$3,186)	\$0	\$0	\$0	\$0	\$0	\$0
225	RT	T-129	PG&E	Fresno	4-Sep-11	37- 175	Yes	INC	3	19:25	21:59	347.28	\$16,185	\$0	(\$10,863)	\$154	(\$4,964)	\$0	\$0	(\$3,153)	\$0
226	RT	T-129	PG&E	Fresno	5-Sep-11	48	Yes	INC	8	14:58	21:59	332.35	\$128	\$281	(\$12,453)	\$308	(\$11,451)	\$0	\$0	(\$13,520)	\$0
227	RT	T-129	PG&E	Fresno	8-Sep-11	57	No	DEC	4	17:10	20:14	-42.82	\$0	\$0	\$1,188	\$0	\$0	\$0	\$0	\$0	\$0
228	RT	T-129	PG&E	Fresno	12-Sep-11	5	Yes	DEC	1	23:20	23:59	-1.98	\$0	\$0	\$66	(\$3)	\$0	\$80	\$0	\$0	\$0
229	RT	T-129	PG&E	Fresno	13-Sep-11	10	Yes	DEC	3	21:10	23:59	-7.92	\$0	\$0	\$267	(\$8)	\$0	\$267	\$0	(\$346)	\$0
230	RT	T-129	PG&E	Fresno	13-Sep-11	0	Yes	INC	3	21:10	23:59	2.08	\$0	\$0	(\$43)	\$0	\$0	\$0	\$0	\$0	\$0
231	RT	T-129	PG&E	Fresno	14-Sep-11	5	Yes	DEC	7	5:05	11:29	-30.48	\$0	\$0	\$817	\$0	\$0	\$0	\$0	\$0	\$0
232	RT	T-129	PG&E	Fresno	14-Sep-11	0	Yes	INC	13	11:30	23:59	-62.47	\$0	\$0	\$1,804	\$0	\$0	\$0	\$0	\$0	\$0
233	RT	T-129	PG&E	Fresno	15-Sep-11	5	Yes	DEC	1	16:00	16:58	-41.54	\$0	\$0	(\$1,781)	(\$45)	\$0	\$1,255	\$0	(\$477)	\$0
234	RT	T-129	PG&E	Fresno	16-Sep-11	5	Yes	DEC	24	0:00	23:59	-109.97	\$0	\$0	\$2,208	(\$88)	\$0	\$2,382	\$0	(\$2,894)	\$0
235	RT	T-129	PG&E	Fresno	16-Sep-11	60	Yes	INC	24	0:00	23:59	174.82	\$0	\$0	(\$5,270)	\$0	\$0	\$0	\$0	\$0	\$0
236	RT	T-129	PG&E	Fresno	17-Sep-11	5	Yes	DEC	14	5:18	18:24	-106.77	\$0	\$0	\$921	(\$62)	\$0	\$1,855	\$0	(\$2,307)	\$0
237	RT	T-129	PG&E	Fresno	17-Sep-11	5	Yes	INC	5	18:25	22:44	-0.42	\$0	\$0	\$14	\$0	\$0	\$0	\$0	\$0	\$0
238	RT	T-129	PG&E	N/A	4-Sep-11	46	No	INC	2	13:24	14:26	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
239	RT	T-132	SDG&E	N/A	18-Sep-11	17	No	DEC	3	18:40	20:59	-15.58	\$0	\$0	\$526	(\$8)	\$0	\$296	\$0	\$0	\$0
240	RT	T-132	SDG&E	N/A	18-Sep-11	500	No	INC	3	18:35	20:59	-209.05	\$0	\$0	\$5,148	(\$190)	\$0	\$4,422	\$0	\$0	\$0
241	RT	T-132	SDG&E	N/A	19-Sep-11	58- 116	No	DEC	6	14:10	19:59	-573.73	\$0	\$0	\$59,531	(\$519)	\$0	\$58,745	\$0	(\$46,685)	\$0
242	RT	T-132	SDG&E	N/A	19-Sep-11	450- 550	No	INC	7	14:45	20:59	1,197.77	\$0	\$0	\$68,583	(\$232)	\$0	\$32,509	\$0	(\$27,443)	\$0
243	RT	T-132	SDG&E	N/A	20-Sep-11	550	No	INC	5	17:30	21:59	-298.45	\$22,851	\$0	\$9,486	(\$44)	\$0	\$1,430	\$0	(\$393)	\$0
244	RT	T-132	SDG&E	N/A	21-Sep-11	117- 133	Yes	DEC	3	15:38	17:59	-286.20	\$0	\$0	\$6,197	(\$270)	\$0	\$5,634	\$0	\$0	\$0
245	RT	T-132	SDG&E	N/A	28-Sep-11	25- 98	No	DEC	5	14:45	18:29	-272.02	\$0	\$0	\$10,319	(\$256)	\$0	\$9,625	\$0	(\$4,144)	\$0
246	RT	T-132	SDG&E	N/A	28-Sep-11	550	No	INC	6	14:45	19:59	-42.16	\$0	\$0	\$1,735	(\$49)	\$0	\$2,060	\$0	(\$702)	\$0
247	RT	T-132	SDG&E	San Diego	9-Sep-11	92- 99	No	INC	11	7:00	17:14	1,013.28	\$46,379	\$814	(\$48,713)	\$215	(\$9,672)	\$0	\$0	(\$726)	\$0
248	RT	T-132	SDG&E	San Diego	19-Sep-11	0	Yes	INC	2	16:05	17:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
249	RT	T-133	PG&E	Fresno	4-Sep-11	83	Yes	INC	2	13:39	14:59	41.89	\$0	\$0	(\$1,183)	\$0	\$0	\$0	\$0	\$0	\$0
250	RT	T-136	SCE	LA Basin	9-Sep-11	46- 100	No	DEC	9	10:40	18:59	-127.47	\$0	\$0	\$5,008	\$0	\$0	\$0	\$0	\$0	\$0
251	RT	T-136	SCE	LA Basin	9-Sep-11	20- 122	Yes	INC	14	10:40	23:59	2,084.93	\$30,440	\$0	(\$87,479)	\$259	(\$10,158)	\$0	(\$554)	\$0	\$0
252	RT	T-136	SCE	LA Basin	10-Sep-11	40	Yes	INC	24	0:00	23:59	3,323.09	\$128,088	\$0	(\$161,287)	\$0	\$0	\$0	\$0	\$0	\$0
253	RT	T-138	PG&E	Humboldt	3-Sep-11	29	No	INC	2	15:38	16:59	14.50	\$784	\$0	(\$285)	\$4	(\$79)	\$0	\$0	(\$154)	\$0
254	RT	T-138	PG&E	Humboldt	19-Sep-11	15	No	INC	2	14:34	15:59	-43.19	\$0	\$0	\$20,402	(\$1)	\$0	\$1,070	\$0	(\$788)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
255	RT	T-138	PG&E	Humboldt	28-Sep-11	29	No	INC	12	7:00	18:59	171.35	\$8,820	\$0	(\$6,681)	\$29	(\$821)	\$0	\$0	(\$412)	\$0
256	RT	T-165	PG&E	Humboldt	28-Sep-11	29	No	INC	9	9:50	17:59	80.76	\$6,272	\$0	(\$2,837)	\$6	(\$95)	\$0	\$0	(\$154)	\$0
257	RT	T-165	PG&E	Sierra	5-Sep-11	20	Yes	INC	3	17:30	19:59	67.33	\$3,355	\$453	(\$1,883)	\$0	\$0	\$0	\$0	\$0	\$0
258	RT	T-167	PG&E	Humboldt	26-Sep-11	15	No	INC	3	0:30	2:59	12.77	\$0	\$0	(\$419)	\$1	(\$17)	\$0	\$0	(\$3)	\$0
259	RT	T-167	PG&E	Stockton	1-Sep-11	0- 4	No	DEC	24	0:00	23:59	-16.16	\$0	\$0	\$612	(\$18)	\$0	\$647	\$0	(\$351)	\$0
260	RT	T-167	PG&E	Stockton	1-Sep-11	63	No	INC	24	0:00	23:59	417.32	\$0	\$0	(\$12,263)	\$0	\$0	\$0	\$0	\$0	\$0
261	RT	T-167	PG&E	Stockton	2-Sep-11	3- 4	No	DEC	24	0:00	23:59	-49.49	\$0	\$0	\$2,553	(\$29)	\$0	\$1,518	\$0	(\$1,231)	\$0
262	RT	T-167	PG&E	Stockton	2-Sep-11	1- 63	No	INC	24	0:00	23:59	350.06	\$0	\$0	(\$14,775)	\$0	\$0	\$0	\$0	\$0	\$0
263	RT	T-167	PG&E	Stockton	3-Sep-11	0- 3	No	DEC	24	0:00	23:59	-90.46	\$0	\$0	\$2,162	(\$47)	\$0	\$1,334	\$0	(\$925)	\$0
264	RT	T-167	PG&E	Stockton	3-Sep-11	1- 63	No	INC	24	0:00	23:59	-30.13	\$0	\$0	(\$51)	\$0	\$0	\$0	\$0	\$0	\$0
265	RT	T-167	PG&E	Stockton	4-Sep-11	1- 3	No	DEC	24	0:00	23:59	-33.23	\$0	\$0	\$756	(\$27)	\$0	\$656	\$0	(\$441)	\$0
266	RT	T-167	PG&E	Stockton	4-Sep-11	22- 63	No	INC	24	0:00	23:59	39.40	\$0	\$0	(\$1,227)	\$0	\$0	\$0	\$0	\$0	\$0
267	RT	T-167	PG&E	Stockton	5-Sep-11	2- 4	Yes	DEC	24	0:10	23:59	-28.88	\$0	\$0	\$1,018	(\$33)	\$0	\$1,145	\$0	(\$821)	\$0
268	RT	T-167	PG&E	Stockton	5-Sep-11	63- 68	Yes	INC	24	0:10	23:59	108.19	\$0	\$0	(\$3,373)	\$0	\$0	\$0	\$0	\$0	\$0
269	RT	T-167	PG&E	Stockton	7-Sep-11	3- 4	No	DEC	24	0:00	23:59	-257.82	\$0	\$0	\$9,126	(\$58)	\$0	\$2,122	\$0	(\$1,733)	\$0
270	RT	T-167	PG&E	Stockton	7-Sep-11	2- 63	No	INC	24	0:00	23:59	74.39	\$0	\$0	(\$2,698)	\$0	\$0	\$0	\$0	\$0	\$0
271	RT	T-167	PG&E	Stockton	8-Sep-11	2- 4	No	DEC	24	0:00	23:59	-22.71	\$0	\$0	\$506	(\$5)	\$0	\$101	\$0	(\$68)	\$0
272	RT	T-167	PG&E	Stockton	8-Sep-11	1- 63	No	INC	24	0:00	23:59	41.65	\$0	\$0	\$1,552	\$0	\$0	\$0	\$0	\$0	\$0
273	RT	T-167	PG&E	Stockton	18-Sep-11	4	Yes	DEC	24	0:00	23:59	-4.82	\$0	\$0	\$998	(\$7)	\$0	\$1,058	\$0	(\$674)	\$0
274	RT	T-167	PG&E	Stockton	18-Sep-11	2- 68	Yes	INC	24	0:00	23:59	422.24	\$0	\$0	(\$13,836)	\$0	\$0	\$0	\$0	\$0	\$0
275	RT	T-167	PG&E	Stockton	19-Sep-11	1- 68	Yes	INC	24	0:00	23:59	325.07	\$0	\$0	(\$21,528)	\$0	\$0	\$0	\$0	\$0	\$0
276	RT	T-167	PG&E	Stockton	20-Sep-11	1- 63	No	INC	24	0:00	23:59	313.97	\$0	\$0	(\$9,199)	\$0	\$0	\$0	\$0	\$0	\$0
277	RT	T-167	PG&E	Stockton	21-Sep-11	0- 55	No	INC	24	0:00	23:59	328.92	\$0	\$0	(\$8,755)	\$0	\$0	\$0	\$0	\$0	\$0
278	RT	T-167	PG&E	Stockton	22-Sep-11	7- 9	No	DEC	24	0:00	23:59	-19.64	\$0	\$0	\$495	(\$11)	\$0	\$288	\$0	(\$256)	\$0
279	RT	T-167	PG&E	Stockton	22-Sep-11	1- 55	No	INC	24	0:00	23:59	95.31	\$0	\$0	(\$2,677)	\$0	\$0	\$0	\$0	\$0	\$0
280	RT	T-167	PG&E	Stockton	23-Sep-11	1- 60	No	INC	23	1:45	23:59	274.27	\$0	\$0	(\$8,334)	\$0	\$0	\$0	\$0	\$0	\$0
281	RT	T-167	PG&E	Stockton	24-Sep-11	5- 12	No	DEC	19	5:10	23:59	-35.72	\$0	\$0	\$808	(\$38)	\$0	\$854	\$0	(\$710)	\$0
282	RT	T-167	PG&E	Stockton	24-Sep-11	55	No	INC	19	5:10	23:59	50.81	\$0	\$0	(\$1,113)	\$0	\$0	\$0	\$0	\$0	\$0
283	RT	T-167	PG&E	Stockton	25-Sep-11	4- 12	No	DEC	24	0:00	23:59	-31.12	\$0	\$0	\$3,740	(\$23)	\$0	\$3,559	\$0	(\$3,061)	\$0
284	RT	T-167	PG&E	Stockton	25-Sep-11	55	No	INC	24	0:00	23:59	54.54	\$0	\$0	(\$1,448)	\$0	\$0	\$0	\$0	\$0	\$0
285	RT	T-167	PG&E	Stockton	26-Sep-11	5	No	DEC	20	4:00	23:59	-111.02	\$0	\$0	\$4,624	(\$0)	\$0	\$122	\$0	(\$104)	\$0
286	RT	T-167	PG&E	Stockton	26-Sep-11	55	No	INC	24	0:00	23:59	131.18	\$0	\$0	(\$4,561)	\$0	\$0	\$0	\$0	\$0	\$0
287	RT	T-167	PG&E	Stockton	27-Sep-11	6- 12	No	DEC	24	0:00	23:59	-72.03	\$0	\$0	\$3,134	(\$59)	\$0	\$2,729	\$0	(\$2,379)	\$0
288	RT	T-167	PG&E	Stockton	27-Sep-11	55	No	INC	24	0:00	23:59	185.25	\$0	\$0	(\$5,030)	\$0	\$0	\$0	\$0	\$0	\$0
289	RT	T-167	PG&E	Stockton	28-Sep-11	5- 6	No	DEC	24	0:00	23:59	-57.91	\$0	\$0	\$4,683	(\$41)	\$0	\$3,094	\$0	(\$2,691)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
290	RT	T-167	PG&E	Stockton	28-Sep-11	55	No	INC	24	0:00	23:59	128.03	\$0	\$0	(\$4,838)	\$0	\$0	\$0	\$0	\$0	\$0
291	RT	T-167	PG&E	Stockton	29-Sep-11	1- 6	No	DEC	10	14:40	23:59	-33.88	\$0	\$0	\$1,366	(\$30)	\$0	\$1,008	\$0	(\$666)	\$0
292	RT	T-167	PG&E	Stockton	29-Sep-11	55	No	INC	10	14:50	23:59	7.11	\$0	\$0	(\$196)	\$0	\$0	\$0	\$0	\$0	\$0
293	RT	T-167	PG&E	Stockton	30-Sep-11	9- 55	No	INC	16	0:00	15:59	44.59	\$0	\$0	(\$1,147)	\$0	\$0	\$0	\$0	\$0	\$0
294	RT	Transmission Mitigation	SCE	Big Creek- Ventura	23-Sep-11	50- 70	No	INC	6	15:03	20:59	466.36	\$0	\$0	(\$16,695)	\$391	(\$13,966)	\$0	\$0	(\$1,408)	\$0
295	RT	Transmission Mitigation	SCE	LA Basin	12-Sep-11	795	No	INC	2	6:10	7:44	-196.03	\$5,983	\$0	\$5,622	(\$51)	\$0	\$1,502	\$0	(\$773)	\$0
296	RT	Transmission Outage Other	N/A	N/A	22-Sep-11	28- 138	Yes	DEC	3	12:35	14:09	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
297	RT	Transmission Outage Other	PG&E	Humboldt	20-Sep-11	32	No	INC	2	14:07	15:59	-96.40	\$1,568	\$0	\$3,338	(\$12)	\$0	\$2	\$0	\$0	\$0
298	RT	Transmission Outage Other	PG&E	Humboldt	28-Sep-11	45	No	INC	2	19:15	20:29	11.96	\$392	\$0	(\$351)	\$7	(\$179)	\$0	\$0	(\$100)	\$0
299	RT	Transmission Outage Other	PG&E	N/A	22-Sep-11	351- 450	No	INC	1	12:26	12:59	-54.39	\$0	\$0	\$1,840	(\$47)	\$0	\$1,633	\$0	(\$382)	\$0
300	RT	Transmission Outage PG&E	N/A	N/A	1-Sep-11	32	No	INC	6	8:45	13:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
301	RT	Transmission Outage PG&E	N/A	N/A	2-Sep-11	3- 64	Yes	INC	18	6:30	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
302	RT	Transmission Outage PG&E	N/A	N/A	3-Sep-11	1- 29	Yes	INC	22	0:05	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
303	RT	Transmission Outage PG&E	N/A	N/A	4-Sep-11	3- 29	Yes	INC	3	18:20	20:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
304	RT	Transmission Outage PG&E	N/A	N/A	7-Sep-11	1	Yes	DEC	9	7:30	15:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
305	RT	Transmission Outage PG&E	N/A	N/A	7-Sep-11	29- 73	Yes	INC	17	7:30	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
306	RT	Transmission Outage PG&E	N/A	N/A	9-Sep-11	3- 47	No	INC	6	18:50	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
307	RT	Transmission Outage PG&E	N/A	N/A	10-Sep-11	2- 60	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
308	RT	Transmission Outage PG&E	N/A	N/A	11-Sep-11	3- 74	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
309	RT	Transmission Outage PG&E	N/A	N/A	12-Sep-11	60	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
310	RT	Transmission Outage PG&E	N/A	N/A	13-Sep-11	29- 32	Yes	INC	20	0:00	19:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
311	RT	Transmission Outage PG&E	N/A	N/A	15-Sep-11	15- 116	Yes	INC	17	6:40	22:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
312	RT	Transmission Outage PG&E	N/A	N/A	17-Sep-11	30- 60	Yes	INC	15	9:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
313	RT	Transmission Outage PG&E	N/A	N/A	18-Sep-11	1	Yes	DEC	18	6:05	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
314	RT	Transmission Outage PG&E	N/A	N/A	18-Sep-11	32- 83	Yes	INC	18	6:05	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
315	RT	Transmission Outage PG&E	N/A	N/A	19-Sep-11	1- 2	Yes	DEC	22	0:00	21:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
316	RT	Transmission Outage PG&E	N/A	N/A	19-Sep-11	32- 79	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
317	RT	Transmission Outage PG&E	N/A	N/A	20-Sep-11	1- 7	Yes	DEC	20	4:35	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
318	RT	Transmission Outage PG&E	N/A	N/A	20-Sep-11	3- 87	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
319	RT	Transmission Outage PG&E	N/A	N/A	21-Sep-11	1- 3	Yes	DEC	20	4:15	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
320	RT	Transmission Outage PG&E	N/A	N/A	21-Sep-11	3- 78	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
321	RT	Transmission Outage PG&E	N/A	N/A	22-Sep-11	1- 3	Yes	DEC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
322	RT	Transmission Outage PG&E	N/A	N/A	22-Sep-11	15- 62	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
323	RT	Transmission Outage PG&E	N/A	N/A	23-Sep-11	29- 77	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
324	RT	Transmission Outage PG&E	N/A	N/A	24-Sep-11	29	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
325	RT	Transmission Outage PG&E	N/A	N/A	25-Sep-11	29	Yes	INC	1	0:10	0:49	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
326	RT	Transmission Outage PG&E	N/A	N/A	28-Sep-11	32- 80	Yes	INC	5	19:30	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
327	RT	Transmission Outage PG&E	N/A	N/A	29-Sep-11	1	Yes	DEC	19	5:30	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
328	RT	Transmission Outage PG&E	N/A	N/A	29-Sep-11	2- 64	Yes	INC	24	0:00	23:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
329	RT	Transmission Outage PG&E	N/A	N/A	30-Sep-11	29- 32	Yes	INC	16	0:00	15:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
330	RT	Transmission Outage PG&E	PG&E	Bay Area	8-Sep-11	90	Yes	INC	24	0:00	23:59	2,052.5 2	\$153,000	\$0	(\$85,60 1)	\$150	(\$6,864)	\$0	\$0	\$0	\$0
331	RT	Transmission Outage PG&E	PG&E	Fresno	25-Sep-11	5- 8	Yes	DEC	16	5:35	20:59	-113.32	\$0	\$0	\$5,808	(\$112)	\$0	\$5,819	\$0	(\$3,491)	\$0
332	RT	Transmission Outage PG&E	PG&E	Humboldt	1-Sep-11	29- 58	No	INC	16	8:29	23:59	50.83	\$3,201	\$0	(\$1,656)	\$20	(\$678)	\$0	\$0	(\$231)	\$0
333	RT	Transmission Outage PG&E	PG&E	Humboldt	2-Sep-11	29- 32	No	INC	21	0:00	20:19	48.09	\$2,156	\$0	(\$1,988)	\$15	(\$586)	\$0	\$0	(\$85)	\$0
334	RT	Transmission Outage PG&E	PG&E	Humboldt	3-Sep-11	16	No	INC	1	0:00	0:04	0.06	\$0	\$0	(\$2)	\$0	(\$1)	\$0	\$0	\$0	\$0
335	RT	Transmission Outage PG&E	PG&E	Humboldt	5-Sep-11	32- 64	No	INC	6	18:09	23:59	115.43	\$4,900	\$0	(\$3,385)	\$49	(\$1,511)	\$0	\$0	(\$140)	\$0
336	RT	Transmission Outage PG&E	PG&E	Humboldt	6-Sep-11	29- 61	No	INC	18	6:39	23:58	97.82	\$5,292	\$0	(\$7,487)	\$40	(\$1,320)	\$6	\$0	(\$44)	\$0
337	RT	Transmission Outage PG&E	PG&E	Humboldt	7-Sep-11	32- 64	No	INC	24	0:00	23:58	118.21	\$8,625	\$0	(\$5,583)	\$69	(\$2,634)	\$0	\$0	(\$1,121)	\$0
338	RT	Transmission Outage PG&E	PG&E	Humboldt	8-Sep-11	32- 80	No	INC	24	0:00	23:58	253.41	\$12,675	\$100	(\$30,21 8)	\$27	(\$1,216)	\$0	\$0	(\$509)	\$0
339	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Sep-11	32- 80	No	INC	23	0:00	22:14	306.36	\$23,978	\$0	(\$14,69 0)	\$56	(\$1,808)	\$0	\$0	(\$1,289)	\$0
340	RT	Transmission Outage PG&E	PG&E	Humboldt	10-Sep-11	15	No	INC	1	20:45	20:59	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
341	RT	Transmission Outage PG&E	PG&E	Humboldt	11-Sep-11	16- 45	No	INC	4	17:20	20:29	14.89	\$785	\$25	(\$1,811)	\$5	(\$169)	\$0	\$0	(\$95)	\$0
342	RT	Transmission Outage PG&E	PG&E	Humboldt	12-Sep-11	32	No	INC	18	6:42	23:59	297.02	\$13,132	\$0	(\$13,00 9)	\$116	(\$4,762)	\$0	\$0	(\$1,974)	\$0
343	RT	Transmission Outage PG&E	PG&E	Humboldt	13-Sep-11	16- 64	No	INC	22	0:00	21:59	307.81	\$18,620	\$0	(\$17,22 2)	\$46	(\$1,731)	\$0	\$0	(\$753)	\$0
344	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Sep-11	15- 29	No	INC	17	6:52	22:59	300.25	\$16,137	\$103	(\$8,604)	\$38	(\$1,099)	\$0	\$0	(\$908)	\$0
345	RT	Transmission Outage PG&E	PG&E	Humboldt	17-Sep-11	30- 48	No	INC	15	8:40	22:29	61.69	\$2,355	\$0	(\$4,028)	\$23	(\$1,020)	\$0	\$0	(\$407)	\$0
346	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Sep-11	32- 64	No	INC	23	0:00	22:59	205.36	\$8,040	\$0	(\$7,865)	\$87	(\$3,259)	\$0	\$0	(\$1,141)	\$0
347	RT	Transmission Outage PG&E	PG&E	Humboldt	19-Sep-11	15- 64	No	INC	19	5:40	23:58	-43.65	\$2,156	\$0	\$20,913	\$20	(\$886)	\$970	\$0	(\$940)	\$0
348	RT	Transmission Outage PG&E	PG&E	Humboldt	20-Sep-11	15- 61	No	INC	15	6:07	20:59	-139.45	\$11,237	\$80	\$23,297	\$5	(\$567)	\$1,111	\$0	(\$1,131)	\$0
349	RT	Transmission Outage PG&E	PG&E	Humboldt	21-Sep-11	16- 32	No	INC	19	4:03	22:05	56.26	\$1,372	\$0	(\$1,960)	\$15	(\$527)	\$0	\$0	(\$307)	\$0
350	RT	Transmission Outage PG&E	PG&E	Humboldt	22-Sep-11	15	No	INC	5	18:36	22:29	53.41	\$2,744	\$100	(\$1,870)	\$5	(\$179)	\$0	\$0	(\$35)	\$0
351	RT	Transmission Outage PG&E	PG&E	Humboldt	23-Sep-11	48	No	INC	4	19:12	22:42	52.82	\$2,420	\$0	(\$1,635)	\$29	(\$812)	\$0	\$0	(\$304)	\$0
352	RT	Transmission Outage PG&E	PG&E	Humboldt	24-Sep-11	30- 45	No	INC	8	16:53	23:59	40.78	\$2,548	\$97	(\$1,054)	\$14	(\$342)	\$0	\$0	(\$176)	\$0
353	RT	Transmission Outage PG&E	PG&E	Humboldt	25-Sep-11	30- 75	No	INC	24	0:00	23:59	330.69	\$18,032	\$95	(\$16,64 5)	\$100	(\$2,653)	\$0	\$0	(\$1,276)	\$0
354	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Sep-11	30- 77	No	INC	24	0:00	23:59	393.85	\$22,609	\$0	(\$15,29 3)	\$133	(\$4,043)	\$0	\$0	(\$1,227)	\$0
355	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Sep-11	15- 76	No	INC	17	7:15	23:59	364.76	\$20,776	\$103	(\$12,83 3)	\$42	(\$1,357)	\$0	\$0	(\$303)	\$0
356	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Sep-11	15- 64	No	INC	24	0:00	23:59	74.93	\$3,920	\$0	(\$2,798)	\$12	(\$433)	\$0	\$0	(\$44)	\$0
357	RT	Transmission Outage PG&E	PG&E	Humboldt	29-Sep-11	15- 16	No	INC	19	1:05	19:36	5.40	\$131	\$6	(\$149)	\$0	(\$13)	\$0	\$0	(\$5)	\$0
358	RT	Transmission Outage PG&E	PG&E	Humboldt	30-Sep-11	15- 32	No	INC	11	5:54	15:59	117.36	\$5,749	\$51	(\$3,497)	\$24	(\$691)	\$0	\$0	(\$250)	\$0

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Num ber	Mark et Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
359	RT	Transmission Outage PG&E	PG&E	N/A	9-Sep-11	52	No	INC	4	20:30	23:59	389.28	\$9,597	\$0	(\$15,879)	\$0	\$0	\$0	\$0	\$0	\$0
360	RT	Transmission Outage PG&E	PG&E	N/A	10-Sep-11	52- 104	No	INC	24	0:00	23:59	2,952.96	\$122,642	\$0	(\$103,240)	\$0	\$0	\$0	\$0	\$0	\$0
361	RT	Transmission Outage PG&E	PG&E	N/A	25-Sep-11	15- 20	No	INC	2	22:00	23:59	48.00	\$0	\$0	(\$1,156)	\$0	\$0	\$0	\$0	\$0	\$0
362	RT	Transmission Outage PG&E	PG&E	N/A	26-Sep-11	4	No	DEC	15	9:05	23:59	-30.00	\$0	\$0	\$1,011	(\$31)	\$0	\$1,033	\$0	(\$192)	\$0
363	RT	Transmission Outage PG&E	PG&E	N/A	26-Sep-11	12- 20	No	INC	24	0:00	23:59	165.34	\$0	\$0	(\$4,015)	\$0	\$0	\$0	\$0	\$0	\$0
364	RT	Transmission Outage PG&E	PG&E	N/A	27-Sep-11	2- 4	No	DEC	22	0:00	21:54	-17.14	\$0	\$0	\$352	(\$16)	\$0	\$345	\$0	(\$15)	\$0
365	RT	Transmission Outage PG&E	PG&E	N/A	27-Sep-11	1- 22	No	INC	24	0:00	23:59	127.13	\$0	\$0	(\$3,577)	\$0	\$0	\$0	\$0	\$0	\$0
366	RT	Transmission Outage PG&E	PG&E	N/A	28-Sep-11	10- 45	No	INC	24	0:00	23:59	73.60	\$0	\$0	(\$909)	\$0	\$0	\$0	\$0	\$0	\$0
367	RT	Transmission Outage PG&E	PG&E	N/A	29-Sep-11	26- 32	No	INC	3	12:56	14:59	76.35	\$0	\$0	\$973	\$73	\$1,052	\$0	\$0	(\$3,199)	\$0
368	RT	Transmission Outage PG&E	PG&E	Sierra	16-Sep-11	21- 32	No	DEC	2	5:13	6:59	-42.19	\$0	\$0	\$1,135	(\$41)	\$0	\$1,119	\$0	(\$16)	\$0
369	RT	Transmission Outage PG&E	PG&E	Sierra	21-Sep-11	22	No	INC	2	15:40	16:59	0.69	\$0	\$0	(\$24)	\$1	(\$24)	\$0	\$0	\$0	\$0
370	RT	Transmission Outage PG&E	PG&E	Stockton	9-Sep-11	2	No	DEC	15	9:35	23:59	-3.36	\$0	\$0	\$112	(\$3)	\$0	\$110	\$0	(\$60)	\$0
371	RT	Transmission Outage PG&E	PG&E	Stockton	9-Sep-11	3- 65	No	INC	17	7:00	23:59	118.71	\$0	\$0	(\$4,204)	\$0	\$0	\$0	\$0	\$0	\$0
372	RT	Transmission Outage PG&E	PG&E	Stockton	10-Sep-11	3- 65	No	INC	24	0:00	23:59	213.30	\$0	\$0	(\$7,349)	\$0	\$0	\$0	\$0	\$0	\$0
373	RT	Transmission Outage PG&E	PG&E	Stockton	11-Sep-11	3- 65	No	INC	24	0:00	23:59	91.89	\$0	\$0	(\$6,474)	\$0	\$0	\$0	\$0	\$0	\$0
374	RT	Transmission Outage PG&E	PG&E	Stockton	12-Sep-11	2	No	DEC	24	0:00	23:59	3.02	\$0	\$0	(\$79)	(\$1)	\$0	\$35	\$0	(\$19)	\$0
375	RT	Transmission Outage PG&E	PG&E	Stockton	12-Sep-11	3- 65	No	INC	24	0:00	23:59	351.56	\$0	\$0	(\$16,169)	\$0	\$0	\$0	\$0	\$0	\$0
376	RT	Transmission Outage PG&E	PG&E	Stockton	13-Sep-11	2	No	DEC	24	0:00	23:59	-81.85	\$0	\$0	\$5,141	(\$7)	\$0	\$538	\$0	(\$412)	\$0
377	RT	Transmission Outage PG&E	PG&E	Stockton	13-Sep-11	62- 65	No	INC	24	0:00	23:59	137.89	\$0	\$0	(\$1,753)	\$0	\$0	\$0	\$0	\$0	\$0
378	RT	Transmission Outage PG&E	PG&E	Stockton	17-Sep-11	65	Yes	INC	17	7:30	23:59	792.63	\$0	\$0	(\$45,538)	\$0	\$0	\$0	\$0	\$0	\$0
379	RT	Transmission Outage PG&E	SDG&E	San Diego	13-Sep-11	35- 43	Yes	INC	6	6:57	11:59	91.45	\$5,169	\$96	(\$3,232)	\$26	(\$888)	\$0	\$0	(\$310)	\$0
380	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	21-Sep-11	274	No	DEC	2	17:40	18:24	-103.10	\$0	\$0	\$4,082	\$0	\$0	\$0	\$0	\$0	\$0
381	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	21-Sep-11	60	No	INC	3	16:41	18:24	71.38	\$0	\$0	(\$2,969)	\$82	(\$3,422)	\$0	\$0	\$0	\$0
382	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	22-Sep-11	50	No	INC	6	15:00	20:59	385.14	\$0	\$0	(\$16,428)	\$320	(\$13,664)	\$0	\$0	(\$113)	\$0
383	RT	Transmission Outage SCE	SCE	N/A	21-Sep-11	350- 591	Yes	DEC	5	17:11	21:59	1,946.39	\$0	\$0	\$69,670	(\$1,867)	\$0	\$67,159	\$0	(\$19,399)	\$0
384	RT	Transmission Outage SCE	SCE	N/A	21-Sep-11	110	Yes	INC	5	17:17	21:59	36.11	\$1,315	\$0	(\$1,266)	\$0	\$0	\$0	\$0	\$0	\$0
385	RT	Transmission Outage SCE	SCE	N/A	22-Sep-11	7- 15	No	INC	3	15:30	17:09	10.46	\$0	\$0	(\$419)	\$11	(\$431)	\$0	\$0	(\$17)	\$0
386	RT	Transmission Outage SCE	SCE	N/A	23-Sep-11	7- 80	No	INC	6	13:25	18:59	225.02	\$0	\$0	(\$7,532)	\$154	(\$4,573)	\$0	\$0	(\$1,161)	\$0
387	RT	Transmission Outage SDG&E	N/A	N/A	22-Sep-11	100	No	DEC	1	16:05	16:49	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
388	RT	Transmission Outage SDG&E	SDG&E	N/A	23-Sep-11	500	No	INC	5	14:15	18:59	-438.36	\$33,807	\$0	\$16,654	(\$60)	\$0	\$2,995	\$0	(\$1,459)	\$0
389	RT	Transmission Outage SDG&E	SDG&E	San Diego	13-Sep-11	43- 99	Yes	INC	5	7:15	11:59	260.31	\$6,850	\$997	(\$9,068)	\$159	(\$5,534)	\$0	\$0	(\$3,860)	\$0
390	RT	Transmission Outage SDG&E	SDG&E	San Diego	26-Sep-11	106- 173	No	DEC	7	8:27	14:29	-697.11	\$0	\$0	\$20,599	\$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
391	RT	Transmission Outage SDG&E	SDG&E	San Diego	26-Sep-11	400	No	INC	7	8:37	14:29	167.33	\$80,563	\$0	(\$5,305)	\$0	\$0	\$0	\$0	\$0	\$0
392	RT	USF Accommodation	N/A	N/A	20-Sep-11	100	No	DEC	1	14:40	14:59	-32.29	\$0	\$0	\$1,253	(\$32)	\$0	\$1,253	\$0	(\$1,218)	\$0
393	RT	Unit Testing	SCE	LA Basin	19-Sep-11	0	Yes	DEC	4	13:10	16:59	1.90	\$0	\$0	(\$82)	\$0	\$0	\$0	\$0	\$0	\$0
394	RT	Voltage Support	PG&E	Sierra	5-Sep-11	45	Yes	INC	3	20:40	22:29	66.21	\$2,397	\$252	(\$2,226)	\$38	(\$1,003)	\$0	\$0	(\$388)	\$0

Appendix A: Explanation by Example

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

Example 1: Exceptional Dispatch Instructions Prior to DAM

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

Table 2: Instructions Prior to Day-Ahead Market

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

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead, however the exceptional dispatches are nearly always just commitments, as in this example. The Begin Time 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 the 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.

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.

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

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 (PG&E) LAP and Southern California Edison (SCE) LAP. These two pricing nodes had the maximum amount of exceptional dispatch volume (MWh) in their respective LAP. Point A is in PG&E LAP and point B is in SCE LAP. Please note these two points correspond to an actual pricing node in the ISO system. Only one resource was connected to each of these pricing nodes. For each resource the following input parameters were obtained to perform the analysis:

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the PG&E area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,640 five-minute intervals in September, this resource was issued exceptional dispatch instructions in 172 five-minute intervals. It was eligible to set the LMP in 96 of the 172 intervals. Resource calculated LMP was larger than the market LMP in all of the 96 intervals. In the 96 intervals, the average increase in five minute LMP was \$106.05/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 \$106.05/MWh. Note that 96 five minute intervals are approximately 1.11 percent of the total 8,640 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 8,640 five minute intervals, this resource was issued an exceptional dispatch instruction in 1,344 five minute intervals. This resource was eligible to set the LMP in all 1,344 intervals. Out of the 1,344 intervals, resource calculated LMP was larger than the market LMP in 964 intervals. In the 964 intervals, the average increase in five minute LMP was \$8.89/MWh. This implies that if the ISO was able to model the constraint for this exceptional dispatch, then this resource and all other pricing nodes associated with that constraint would observe an average increase of \$8.89/MWh. The 964 five minute intervals account for approximately 11.16 percent of the total 8,640 five minute intervals.

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	8-Sep-11	19	9	\$250.00	No	\$15.99	-\$234.01
2	8-Sep-11	19	10	\$250.00	No	\$15.99	-\$234.01
3	8-Sep-11	19	11	\$250.00	No	\$15.99	-\$234.01
4	8-Sep-11	19	12	\$250.00	No	\$15.99	-\$234.01
5	8-Sep-11	20	1	\$250.00	No	\$15.99	-\$234.01
6	8-Sep-11	20	2	\$250.00	No	\$15.99	-\$234.01
7	8-Sep-11	20	3	\$250.00	No	\$15.99	-\$234.01
8	8-Sep-11	20	4	\$250.00	No	\$15.99	-\$234.01
9	8-Sep-11	20	5	\$250.00	No	\$15.99	-\$234.01
10	8-Sep-11	20	6	\$250.00	No	\$15.99	-\$234.01
11	8-Sep-11	20	7	\$250.00	No	\$15.99	-\$234.01
12	8-Sep-11	20	8	\$250.00	No	\$15.99	-\$234.01
13	8-Sep-11	20	9	\$250.00	No	\$15.99	-\$234.01
14	8-Sep-11	20	10	\$250.00	No	\$15.99	-\$234.01
15	8-Sep-11	20	11	\$250.00	No	\$15.99	-\$234.01
16	8-Sep-11	20	12	\$250.00	No	\$15.99	-\$234.01
17	8-Sep-11	21	1	\$250.00	No	\$15.99	-\$234.01
18	8-Sep-11	21	2	\$250.00	No	\$15.99	-\$234.01
19	8-Sep-11	21	3	\$250.00	No	\$15.99	-\$234.01
20	8-Sep-11	21	4	\$250.00	No	\$15.99	-\$234.01
21	8-Sep-11	21	5	\$250.00	No	\$15.99	-\$234.01
22	8-Sep-11	21	6	\$250.00	No	\$15.99	-\$234.01
23	8-Sep-11	21	7	\$250.00	No	\$15.99	-\$234.01
24	8-Sep-11	21	8	\$250.00	No	\$15.99	-\$234.01
25	8-Sep-11	21	9	\$250.00	No	\$15.99	-\$234.01
26	8-Sep-11	21	10	\$250.00	No	\$15.99	-\$234.01
27	8-Sep-11	21	11	\$250.00	No	\$15.99	-\$234.01
28	8-Sep-11	21	12	\$250.00	No	\$15.99	-\$234.01
29	8-Sep-11	22	1	\$250.00	No	\$30.99	-\$219.01
30	8-Sep-11	22	2	\$250.00	No	\$30.99	-\$219.01
31	8-Sep-11	22	3	\$250.00	No	\$30.99	-\$219.01
32	8-Sep-11	22	4	\$250.00	No	\$30.99	-\$219.01
33	8-Sep-11	22	5	\$250.00	No	\$30.99	-\$219.01
34	8-Sep-11	22	6	\$250.00	No	\$30.99	-\$219.01
35	8-Sep-11	22	7	\$250.00	No	\$30.99	-\$219.01
36	8-Sep-11	22	8	\$250.00	No	\$30.99	-\$219.01
37	8-Sep-11	22	9	\$250.00	No	\$30.99	-\$219.01
38	8-Sep-11	22	10	\$250.00	No	\$30.99	-\$219.01
39	8-Sep-11	22	11	\$250.00	No	\$30.99	-\$219.01
40	8-Sep-11	22	12	\$250.00	No	\$30.99	-\$219.01
41	8-Sep-11	23	1	\$100.00	No	\$30.99	-\$69.01
42	8-Sep-11	23	2	\$100.00	No	\$30.99	-\$69.01
43	8-Sep-11	23	3	\$100.00	No	\$30.99	-\$69.01

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	8-Sep-11	23	4	\$100.00	No	\$30.99	-\$69.01
45	8-Sep-11	23	5	\$100.00	No	\$30.99	-\$69.01
46	8-Sep-11	23	6	\$100.00	No	\$30.99	-\$69.01
47	8-Sep-11	23	7	\$100.00	No	\$30.99	-\$69.01
48	8-Sep-11	23	8	\$100.00	No	\$30.99	-\$69.01
49	8-Sep-11	23	9	\$100.00	No	\$30.99	-\$69.01
50	8-Sep-11	23	10	\$100.00	No	\$30.99	-\$69.01
51	8-Sep-11	23	11	\$100.00	No	\$30.99	-\$69.01
52	8-Sep-11	23	12	\$100.00	No	\$30.99	-\$69.01
53	8-Sep-11	24	1	\$100.00	No	\$30.06	-\$69.94
54	8-Sep-11	24	2	\$100.00	No	\$30.06	-\$69.94
55	8-Sep-11	24	3	\$100.00	No	\$30.06	-\$69.94
56	8-Sep-11	24	4	\$100.00	No	\$30.06	-\$69.94
57	8-Sep-11	24	5	\$100.00	No	\$30.06	-\$69.94
58	8-Sep-11	24	6	\$100.00	No	\$30.06	-\$69.94
59	8-Sep-11	24	7	\$100.00	No	\$30.06	-\$69.94
60	8-Sep-11	24	8	\$100.00	No	\$30.06	-\$69.94
61	8-Sep-11	24	9	\$100.00	No	\$30.06	-\$69.94
62	8-Sep-11	24	10	\$100.00	No	\$30.06	-\$69.94
63	8-Sep-11	24	11	\$100.00	No	\$30.06	-\$69.94
64	8-Sep-11	24	12	\$100.00	No	\$30.06	-\$69.94
65	9-Sep-11	1	1	\$100.00	No	\$30.06	-\$69.94
66	9-Sep-11	1	2	\$100.00	No	\$30.06	-\$69.94
67	9-Sep-11	1	3	\$100.00	No	\$30.06	-\$69.94
68	9-Sep-11	1	4	\$100.00	No	\$30.06	-\$69.94
69	9-Sep-11	1	5	\$100.00	No	\$30.06	-\$69.94
70	9-Sep-11	1	6	\$100.00	No	\$30.06	-\$69.94
71	9-Sep-11	1	7	\$100.00	No	\$30.06	-\$69.94
72	9-Sep-11	1	8	\$100.00	No	\$30.06	-\$69.94
73	9-Sep-11	1	9	\$100.00	No	\$30.06	-\$69.94
74	9-Sep-11	1	10	\$100.00	No	\$30.06	-\$69.94
75	9-Sep-11	1	11	\$100.00	No	\$30.06	-\$69.94
76	9-Sep-11	1	12	\$100.00	No	\$30.06	-\$69.94
77	18-Sep-11	20	1	\$45.70	Yes	\$125.00	\$79.30
78	18-Sep-11	20	2	\$45.67	Yes	\$125.00	\$79.33
79	18-Sep-11	20	3	\$44.38	Yes	\$125.00	\$80.62
80	18-Sep-11	20	4	\$45.57	Yes	\$125.00	\$79.43
81	18-Sep-11	20	5	\$45.80	Yes	\$125.00	\$79.20
82	18-Sep-11	20	6	\$47.39	Yes	\$125.00	\$77.61
83	18-Sep-11	20	7	\$47.54	Yes	\$125.00	\$77.46
84	18-Sep-11	20	8	\$47.68	Yes	\$125.00	\$77.32
85	18-Sep-11	20	9	\$47.68	Yes	\$125.00	\$77.32
86	18-Sep-11	20	10	\$47.48	Yes	\$125.00	\$77.52
87	18-Sep-11	20	11	\$46.97	Yes	\$125.00	\$78.03
88	18-Sep-11	20	12	\$45.73	Yes	\$125.00	\$79.27

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	18-Sep-11	21	1	\$46.00	Yes	\$125.00	\$79.00
90	18-Sep-11	21	2	\$45.87	Yes	\$125.00	\$79.13
91	18-Sep-11	21	3	\$45.87	Yes	\$125.00	\$79.13
92	18-Sep-11	21	4	\$45.84	Yes	\$125.00	\$79.16
93	18-Sep-11	21	5	\$45.84	Yes	\$125.00	\$79.16
94	18-Sep-11	21	6	\$41.74	Yes	\$125.00	\$83.26
95	18-Sep-11	21	7	\$30.92	Yes	\$125.00	\$94.08
96	18-Sep-11	21	8	\$30.92	Yes	\$125.00	\$94.08
97	18-Sep-11	21	9	\$30.92	Yes	\$125.00	\$94.08
98	18-Sep-11	21	10	\$30.95	Yes	\$125.00	\$94.05
99	18-Sep-11	21	11	\$30.40	Yes	\$125.00	\$94.60
100	18-Sep-11	21	12	\$28.29	Yes	\$125.00	\$96.71
101	18-Sep-11	22	1	\$32.59	Yes	\$125.00	\$92.41
102	18-Sep-11	22	2	\$31.46	Yes	\$125.00	\$93.54
103	18-Sep-11	22	3	\$31.46	Yes	\$125.00	\$93.54
104	18-Sep-11	22	4	\$31.39	Yes	\$125.00	\$93.61
105	18-Sep-11	22	5	\$31.39	Yes	\$125.00	\$93.61
106	18-Sep-11	22	6	\$31.39	Yes	\$125.00	\$93.61
107	18-Sep-11	22	7	\$30.86	Yes	\$125.00	\$94.14
108	18-Sep-11	22	8	\$31.39	Yes	\$125.00	\$93.61
109	18-Sep-11	22	9	\$30.86	Yes	\$125.00	\$94.14
110	18-Sep-11	22	10	\$26.71	Yes	\$125.00	\$98.29
111	18-Sep-11	22	11	\$28.76	Yes	\$125.00	\$96.24
112	18-Sep-11	22	12	\$42.01	Yes	\$125.00	\$82.99
113	18-Sep-11	23	1	\$37.07	Yes	\$125.00	\$87.93
114	18-Sep-11	23	2	\$44.32	Yes	\$125.00	\$80.68
115	18-Sep-11	23	3	\$44.32	Yes	\$125.00	\$80.68
116	18-Sep-11	23	4	\$45.57	Yes	\$125.00	\$79.43
117	18-Sep-11	23	5	\$41.89	Yes	\$125.00	\$83.11
118	18-Sep-11	23	6	\$41.89	Yes	\$125.00	\$83.11
119	18-Sep-11	23	7	\$30.52	Yes	\$125.00	\$94.48
120	18-Sep-11	23	8	\$30.52	Yes	\$125.00	\$94.48
121	18-Sep-11	23	9	\$30.52	Yes	\$125.00	\$94.48
122	18-Sep-11	23	10	\$30.48	Yes	\$125.00	\$94.52
123	18-Sep-11	23	11	\$28.08	Yes	\$125.00	\$96.92
124	18-Sep-11	23	12	\$28.08	Yes	\$125.00	\$96.92
125	18-Sep-11	24	1	\$32.69	Yes	\$125.00	\$92.31
126	18-Sep-11	24	2	\$31.29	Yes	\$125.00	\$93.71
127	18-Sep-11	24	3	\$30.34	Yes	\$125.00	\$94.66
128	18-Sep-11	24	4	\$30.02	Yes	\$125.00	\$94.98
129	18-Sep-11	24	5	\$28.68	Yes	\$125.00	\$96.32
130	18-Sep-11	24	6	\$28.68	Yes	\$125.00	\$96.32
131	18-Sep-11	24	7	\$27.30	Yes	\$125.00	\$97.70
132	18-Sep-11	24	8	\$27.30	Yes	\$125.00	\$97.70
133	18-Sep-11	24	9	\$25.78	Yes	\$125.00	\$99.22

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	18-Sep-11	24	10	\$25.60	Yes	\$125.00	\$99.40
135	18-Sep-11	24	11	\$23.84	Yes	\$125.00	\$101.16
136	18-Sep-11	24	12	\$23.10	Yes	\$125.00	\$101.90
137	19-Sep-11	1	1	\$27.08	Yes	\$125.00	\$97.92
138	19-Sep-11	1	2	\$26.10	Yes	\$125.00	\$98.90
139	19-Sep-11	1	3	\$26.10	Yes	\$125.00	\$98.90
140	19-Sep-11	1	4	\$15.38	Yes	\$125.00	\$109.62
141	19-Sep-11	1	5	\$16.59	Yes	\$125.00	\$108.41
142	19-Sep-11	1	6	\$15.38	Yes	\$125.00	\$109.62
143	19-Sep-11	1	7	\$15.40	Yes	\$125.00	\$109.60
144	19-Sep-11	1	8	\$15.40	Yes	\$125.00	\$109.60
145	19-Sep-11	1	9	\$16.59	Yes	\$125.00	\$108.41
146	19-Sep-11	1	10	\$16.58	Yes	\$125.00	\$108.42
147	19-Sep-11	1	11	\$15.37	Yes	\$125.00	\$109.63
148	19-Sep-11	1	12	\$15.37	Yes	\$125.00	\$109.63
149	19-Sep-11	2	1	\$16.52	Yes	\$125.00	\$108.48
150	19-Sep-11	2	2	\$15.33	Yes	\$125.00	\$109.67
151	19-Sep-11	2	3	\$15.33	Yes	\$125.00	\$109.67
152	19-Sep-11	2	4	\$15.35	Yes	\$125.00	\$109.65
153	19-Sep-11	2	5	-\$29.79	Yes	\$125.00	\$154.79
154	19-Sep-11	2	6	-\$30.21	Yes	\$125.00	\$155.21
155	19-Sep-11	2	7	-\$30.90	Yes	\$125.00	\$155.90
156	19-Sep-11	2	8	-\$31.20	Yes	\$125.00	\$156.20
157	19-Sep-11	2	9	-\$32.00	Yes	\$125.00	\$157.00
158	19-Sep-11	2	10	-\$30.86	Yes	\$125.00	\$155.86
159	19-Sep-11	2	11	-\$30.80	Yes	\$125.00	\$155.80
160	19-Sep-11	2	12	-\$30.29	Yes	\$125.00	\$155.29
161	19-Sep-11	3	1	-\$30.28	Yes	\$125.00	\$155.28
162	19-Sep-11	3	2	-\$32.13	Yes	\$125.00	\$157.13
163	19-Sep-11	3	3	-\$31.13	Yes	\$125.00	\$156.13
164	19-Sep-11	3	4	-\$32.07	Yes	\$125.00	\$157.07
165	19-Sep-11	3	5	-\$31.15	Yes	\$125.00	\$156.15
166	19-Sep-11	3	6	-\$31.49	Yes	\$125.00	\$156.49
167	19-Sep-11	3	7	-\$31.17	Yes	\$125.00	\$156.17
168	19-Sep-11	3	8	-\$31.74	Yes	\$125.00	\$156.74
169	19-Sep-11	3	9	-\$31.17	Yes	\$125.00	\$156.17
170	19-Sep-11	3	10	-\$31.99	Yes	\$125.00	\$156.99
171	19-Sep-11	3	11	-\$31.99	Yes	\$125.00	\$156.99
172	19-Sep-11	3	12	-\$31.99	Yes	\$125.00	\$156.99

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-Sep-11	1	1	\$19.30	Yes	\$41.04	\$21.74
2	1-Sep-11	1	2	\$28.91	Yes	\$41.04	\$12.13
3	1-Sep-11	1	3	\$34.31	Yes	\$41.04	\$6.73
4	1-Sep-11	1	4	\$34.26	Yes	\$41.04	\$6.78
5	1-Sep-11	1	5	\$34.26	Yes	\$41.04	\$6.78
6	1-Sep-11	1	6	\$32.86	Yes	\$41.04	\$8.18
7	1-Sep-11	1	7	\$32.63	Yes	\$41.04	\$8.41
8	1-Sep-11	1	8	\$31.25	Yes	\$41.04	\$9.79
9	1-Sep-11	1	9	\$30.47	Yes	\$41.04	\$10.57
10	1-Sep-11	1	10	\$32.61	Yes	\$41.04	\$8.43
11	1-Sep-11	1	11	\$33.15	Yes	\$41.04	\$7.89
12	1-Sep-11	1	12	\$33.14	Yes	\$41.04	\$7.90
13	1-Sep-11	2	1	\$34.30	Yes	\$41.04	\$6.74
14	1-Sep-11	2	2	\$34.30	Yes	\$41.04	\$6.74
15	1-Sep-11	2	3	\$29.34	Yes	\$41.04	\$11.70
16	1-Sep-11	2	4	\$32.53	Yes	\$41.04	\$8.51
17	1-Sep-11	2	5	\$32.86	Yes	\$41.04	\$8.18
18	1-Sep-11	2	6	\$33.28	Yes	\$41.04	\$7.76
19	1-Sep-11	2	7	\$34.28	Yes	\$41.04	\$6.76
20	1-Sep-11	2	8	\$34.28	Yes	\$41.04	\$6.76
21	1-Sep-11	2	9	\$33.32	Yes	\$41.04	\$7.72
22	1-Sep-11	2	10	\$29.15	Yes	\$41.04	\$11.89
23	1-Sep-11	2	11	\$32.08	Yes	\$41.04	\$8.96
24	1-Sep-11	2	12	\$34.30	Yes	\$41.04	\$6.74
25	1-Sep-11	3	1	\$34.91	Yes	\$41.04	\$6.13
26	1-Sep-11	3	2	\$34.29	Yes	\$41.04	\$6.75
27	1-Sep-11	3	3	\$35.71	Yes	\$41.04	\$5.33
28	1-Sep-11	3	4	\$30.06	Yes	\$41.04	\$10.98
29	1-Sep-11	3	5	\$32.60	Yes	\$41.04	\$8.44
30	1-Sep-11	3	6	\$32.53	Yes	\$41.04	\$8.51
31	1-Sep-11	3	7	\$32.53	Yes	\$41.04	\$8.51
32	1-Sep-11	3	8	\$32.53	Yes	\$41.04	\$8.51
33	1-Sep-11	3	9	\$32.50	Yes	\$41.04	\$8.54
34	1-Sep-11	3	10	\$30.64	Yes	\$41.04	\$10.40
35	1-Sep-11	3	11	\$30.64	Yes	\$41.04	\$10.40
36	1-Sep-11	3	12	\$31.90	Yes	\$41.04	\$9.14
37	1-Sep-11	4	1	\$30.67	Yes	\$41.04	\$10.37
38	1-Sep-11	4	2	\$28.64	Yes	\$41.04	\$12.40
39	1-Sep-11	4	3	\$28.64	Yes	\$41.04	\$12.40
40	1-Sep-11	4	4	\$26.93	Yes	\$41.04	\$14.11
41	1-Sep-11	4	5	\$26.71	Yes	\$41.04	\$14.33

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
42	1-Sep-11	4	6	\$26.71	Yes	\$41.04	\$14.33
43	1-Sep-11	4	7	\$26.78	Yes	\$41.04	\$14.26
44	1-Sep-11	4	8	\$26.69	Yes	\$41.04	\$14.35
45	1-Sep-11	4	9	\$26.69	Yes	\$41.04	\$14.35
46	1-Sep-11	4	10	\$29.01	Yes	\$41.04	\$12.03
47	1-Sep-11	4	11	\$29.01	Yes	\$41.04	\$12.03
48	1-Sep-11	4	12	\$29.01	Yes	\$41.04	\$12.03
49	1-Sep-11	5	1	\$30.60	Yes	\$41.04	\$10.44
50	1-Sep-11	5	2	\$30.55	Yes	\$41.04	\$10.49
51	1-Sep-11	5	3	\$30.55	Yes	\$41.04	\$10.49
52	1-Sep-11	5	4	\$30.69	Yes	\$41.04	\$10.35
53	1-Sep-11	5	5	\$30.69	Yes	\$41.04	\$10.35
54	1-Sep-11	5	6	\$30.54	Yes	\$41.04	\$10.50
55	1-Sep-11	5	7	\$31.36	Yes	\$41.04	\$9.68
56	1-Sep-11	5	8	\$32.60	Yes	\$41.04	\$8.44
57	1-Sep-11	5	9	\$32.50	Yes	\$41.04	\$8.54
58	1-Sep-11	5	10	\$32.51	Yes	\$41.04	\$8.53
59	1-Sep-11	5	11	\$32.51	Yes	\$41.04	\$8.53
60	1-Sep-11	5	12	\$34.34	Yes	\$41.04	\$6.70
61	1-Sep-11	6	1	\$26.44	Yes	\$41.04	\$14.60
62	1-Sep-11	6	2	\$30.40	Yes	\$41.04	\$10.64
63	1-Sep-11	6	3	\$26.44	Yes	\$41.04	\$14.60
64	1-Sep-11	6	4	\$33.09	Yes	\$41.04	\$7.95
65	1-Sep-11	6	5	\$32.59	Yes	\$41.04	\$8.45
66	1-Sep-11	6	6	\$33.21	Yes	\$41.04	\$7.83
67	1-Sep-11	6	7	\$27.32	Yes	\$41.04	\$13.72
68	1-Sep-11	6	8	\$30.42	Yes	\$41.04	\$10.62
69	1-Sep-11	6	9	\$32.45	Yes	\$41.04	\$8.59
70	1-Sep-11	6	10	\$30.33	Yes	\$41.04	\$10.71
71	1-Sep-11	6	11	\$33.08	Yes	\$41.04	\$7.96
72	1-Sep-11	6	12	\$34.45	Yes	\$41.04	\$6.59
73	1-Sep-11	7	1	\$33.02	Yes	\$41.04	\$8.02
74	1-Sep-11	7	2	\$33.02	Yes	\$41.04	\$8.02
75	1-Sep-11	7	3	\$27.40	Yes	\$41.04	\$13.64
76	1-Sep-11	7	4	\$23.54	Yes	\$41.04	\$17.50
77	1-Sep-11	7	5	\$23.54	Yes	\$41.04	\$17.50
78	1-Sep-11	7	6	\$31.98	Yes	\$41.04	\$9.06
79	1-Sep-11	7	7	\$34.47	Yes	\$41.04	\$6.57
80	1-Sep-11	7	8	\$35.96	Yes	\$41.04	\$5.08
81	1-Sep-11	7	9	\$34.72	Yes	\$41.04	\$6.32
82	1-Sep-11	7	10	\$45.98	Yes	\$41.04	-\$4.94
83	1-Sep-11	7	11	\$41.04	Yes	\$41.04	\$0.00
84	1-Sep-11	7	12	\$38.46	Yes	\$41.04	\$2.58
85	1-Sep-11	8	1	\$31.46	Yes	\$41.04	\$9.58
86	1-Sep-11	8	2	\$31.46	Yes	\$41.04	\$9.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
87	1-Sep-11	8	3	\$33.03	Yes	\$41.04	\$8.01
88	1-Sep-11	8	4	\$32.96	Yes	\$41.04	\$8.08
89	1-Sep-11	8	5	\$33.20	Yes	\$41.04	\$7.84
90	1-Sep-11	8	6	\$32.97	Yes	\$41.04	\$8.07
91	1-Sep-11	8	7	\$33.22	Yes	\$41.04	\$7.82
92	1-Sep-11	8	8	\$32.39	Yes	\$41.04	\$8.65
93	1-Sep-11	8	9	\$31.49	Yes	\$41.04	\$9.55
94	1-Sep-11	8	10	\$31.51	Yes	\$41.04	\$9.53
95	1-Sep-11	8	11	\$31.51	Yes	\$41.04	\$9.53
96	1-Sep-11	8	12	\$34.58	Yes	\$41.04	\$6.46
97	1-Sep-11	9	1	\$26.65	Yes	\$41.04	\$14.39
98	1-Sep-11	9	2	\$27.65	Yes	\$41.04	\$13.39
99	1-Sep-11	9	3	\$28.42	Yes	\$41.04	\$12.62
100	1-Sep-11	9	4	\$28.43	Yes	\$41.04	\$12.61
101	1-Sep-11	9	5	\$28.43	Yes	\$41.04	\$12.61
102	1-Sep-11	9	6	\$31.49	Yes	\$41.04	\$9.55
103	1-Sep-11	9	7	\$32.61	Yes	\$41.04	\$8.43
104	1-Sep-11	9	8	\$29.28	Yes	\$41.04	\$11.76
105	1-Sep-11	9	9	\$31.52	Yes	\$41.04	\$9.52
106	1-Sep-11	9	10	\$31.49	Yes	\$41.04	\$9.55
107	1-Sep-11	9	11	\$28.67	Yes	\$41.04	\$12.37
108	1-Sep-11	9	12	\$31.96	Yes	\$41.04	\$9.08
109	1-Sep-11	10	1	\$22.12	Yes	\$41.04	\$18.92
110	1-Sep-11	10	2	\$24.53	Yes	\$41.04	\$16.51
111	1-Sep-11	10	3	\$24.21	Yes	\$41.04	\$16.83
112	1-Sep-11	10	4	\$26.28	Yes	\$41.04	\$14.76
113	1-Sep-11	10	5	\$29.51	Yes	\$41.04	\$11.53
114	1-Sep-11	10	6	\$28.73	Yes	\$41.04	\$12.31
115	1-Sep-11	10	7	\$31.57	Yes	\$41.04	\$9.47
116	1-Sep-11	10	8	\$29.94	Yes	\$41.04	\$11.10
117	1-Sep-11	10	9	\$31.57	Yes	\$41.04	\$9.47
118	1-Sep-11	10	10	\$33.11	Yes	\$41.04	\$7.93
119	1-Sep-11	10	11	\$32.43	Yes	\$41.04	\$8.61
120	1-Sep-11	10	12	\$33.66	Yes	\$41.04	\$7.38
121	1-Sep-11	11	1	\$22.44	Yes	\$41.04	\$18.60
122	1-Sep-11	11	2	\$21.82	Yes	\$41.04	\$19.22
123	1-Sep-11	11	3	\$19.78	Yes	\$41.04	\$21.26
124	1-Sep-11	11	4	\$20.95	Yes	\$41.04	\$20.09
125	1-Sep-11	11	5	\$21.06	Yes	\$41.04	\$19.98
126	1-Sep-11	11	6	\$22.45	Yes	\$41.04	\$18.59
127	1-Sep-11	11	7	\$21.19	Yes	\$41.04	\$19.85
128	1-Sep-11	11	8	\$22.33	Yes	\$41.04	\$18.71
129	1-Sep-11	11	9	\$22.33	Yes	\$41.04	\$18.71
130	1-Sep-11	11	10	\$24.53	Yes	\$41.04	\$16.51
131	1-Sep-11	11	11	\$22.21	Yes	\$41.04	\$18.83

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
132	1-Sep-11	11	11	\$22.21	Yes	\$41.04	\$18.83
133	1-Sep-11	11	12	\$17.44	Yes	\$41.04	\$23.60
134	1-Sep-11	11	12	\$17.44	Yes	\$41.04	\$23.60
135	1-Sep-11	12	1	\$21.03	Yes	\$41.04	\$20.01
136	1-Sep-11	12	1	\$21.03	Yes	\$41.04	\$20.01
137	1-Sep-11	12	2	\$19.91	Yes	\$41.04	\$21.13
138	1-Sep-11	12	2	\$19.91	Yes	\$41.04	\$21.13
139	1-Sep-11	12	3	\$13.18	Yes	\$41.04	\$27.86
140	1-Sep-11	12	3	\$13.18	Yes	\$41.04	\$27.86
141	1-Sep-11	12	4	\$13.24	Yes	\$41.04	\$27.80
142	1-Sep-11	12	4	\$13.24	Yes	\$41.04	\$27.80
143	1-Sep-11	12	5	\$16.77	Yes	\$41.04	\$24.27
144	1-Sep-11	12	5	\$16.77	Yes	\$41.04	\$24.27
145	1-Sep-11	12	6	\$21.15	Yes	\$41.04	\$19.89
146	1-Sep-11	12	6	\$21.15	Yes	\$41.04	\$19.89
147	1-Sep-11	12	7	\$20.94	Yes	\$41.04	\$20.10
148	1-Sep-11	12	7	\$20.94	Yes	\$41.04	\$20.10
149	1-Sep-11	12	8	\$20.94	Yes	\$41.04	\$20.10
150	1-Sep-11	12	8	\$20.94	Yes	\$41.04	\$20.10
151	1-Sep-11	12	9	\$21.05	Yes	\$41.04	\$19.99
152	1-Sep-11	12	9	\$21.05	Yes	\$41.04	\$19.99
153	1-Sep-11	12	10	\$20.86	Yes	\$41.04	\$20.18
154	1-Sep-11	12	10	\$20.86	Yes	\$41.04	\$20.18
155	1-Sep-11	12	11	\$22.36	Yes	\$41.04	\$18.68
156	1-Sep-11	12	11	\$22.36	Yes	\$41.04	\$18.68
157	1-Sep-11	12	12	\$24.93	Yes	\$41.04	\$16.11
158	1-Sep-11	12	12	\$24.93	Yes	\$41.04	\$16.11
159	1-Sep-11	13	1	\$19.90	Yes	\$41.04	\$21.14
160	1-Sep-11	13	1	\$19.90	Yes	\$41.04	\$21.14
161	1-Sep-11	13	2	\$21.58	Yes	\$41.04	\$19.46
162	1-Sep-11	13	2	\$21.58	Yes	\$41.04	\$19.46
163	1-Sep-11	13	3	\$21.58	Yes	\$41.04	\$19.46
164	1-Sep-11	13	3	\$21.58	Yes	\$41.04	\$19.46
165	1-Sep-11	13	4	\$21.50	Yes	\$41.04	\$19.54
166	1-Sep-11	13	4	\$21.50	Yes	\$41.04	\$19.54
167	1-Sep-11	13	5	\$22.32	Yes	\$41.04	\$18.72
168	1-Sep-11	13	5	\$22.32	Yes	\$41.04	\$18.72
169	1-Sep-11	13	6	\$22.32	Yes	\$41.04	\$18.72
170	1-Sep-11	13	6	\$22.32	Yes	\$41.04	\$18.72
171	1-Sep-11	13	7	\$27.12	Yes	\$41.04	\$13.92
172	1-Sep-11	13	7	\$27.12	Yes	\$41.04	\$13.92
173	1-Sep-11	13	8	\$27.12	Yes	\$41.04	\$13.92
174	1-Sep-11	13	8	\$27.12	Yes	\$41.04	\$13.92
175	1-Sep-11	13	9	\$27.12	Yes	\$41.04	\$13.92
176	1-Sep-11	13	9	\$27.12	Yes	\$41.04	\$13.92

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
177	1-Sep-11	13	10	\$27.10	Yes	\$41.04	\$13.94
178	1-Sep-11	13	10	\$27.10	Yes	\$41.04	\$13.94
179	1-Sep-11	13	11	\$28.61	Yes	\$41.04	\$12.43
180	1-Sep-11	13	11	\$28.61	Yes	\$41.04	\$12.43
181	1-Sep-11	13	12	\$29.01	Yes	\$41.04	\$12.03
182	1-Sep-11	13	12	\$29.01	Yes	\$41.04	\$12.03
183	1-Sep-11	14	1	\$27.30	Yes	\$41.04	\$13.74
184	1-Sep-11	14	1	\$27.30	Yes	\$41.04	\$13.74
185	1-Sep-11	14	2	\$28.84	Yes	\$41.04	\$12.20
186	1-Sep-11	14	2	\$28.84	Yes	\$41.04	\$12.20
187	1-Sep-11	14	3	\$25.20	Yes	\$41.04	\$15.84
188	1-Sep-11	14	3	\$25.20	Yes	\$41.04	\$15.84
189	1-Sep-11	14	4	\$27.42	Yes	\$41.04	\$13.62
190	1-Sep-11	14	4	\$27.42	Yes	\$41.04	\$13.62
191	1-Sep-11	14	5	\$27.42	Yes	\$41.04	\$13.62
192	1-Sep-11	14	5	\$27.42	Yes	\$41.04	\$13.62
193	1-Sep-11	14	6	\$27.42	Yes	\$41.04	\$13.62
194	1-Sep-11	14	6	\$27.42	Yes	\$41.04	\$13.62
195	1-Sep-11	14	7	\$27.42	Yes	\$41.04	\$13.62
196	1-Sep-11	14	7	\$27.42	Yes	\$41.04	\$13.62
197	1-Sep-11	14	8	\$31.15	Yes	\$41.04	\$9.89
198	1-Sep-11	14	8	\$31.15	Yes	\$41.04	\$9.89
199	1-Sep-11	14	9	\$30.04	Yes	\$41.04	\$11.00
200	1-Sep-11	14	9	\$30.04	Yes	\$41.04	\$11.00
201	1-Sep-11	14	10	\$31.50	Yes	\$41.04	\$9.54
202	1-Sep-11	14	10	\$31.50	Yes	\$41.04	\$9.54
203	1-Sep-11	14	11	\$31.19	Yes	\$41.04	\$9.85
204	1-Sep-11	14	11	\$31.19	Yes	\$41.04	\$9.85
205	1-Sep-11	14	12	\$31.50	Yes	\$41.04	\$9.54
206	1-Sep-11	14	12	\$31.50	Yes	\$41.04	\$9.54
207	1-Sep-11	15	1	\$29.08	Yes	\$41.04	\$11.96
208	1-Sep-11	15	1	\$29.08	Yes	\$41.04	\$11.96
209	1-Sep-11	15	2	\$29.64	Yes	\$41.04	\$11.40
210	1-Sep-11	15	2	\$29.64	Yes	\$41.04	\$11.40
211	1-Sep-11	15	3	\$31.22	Yes	\$41.04	\$9.82
212	1-Sep-11	15	3	\$31.22	Yes	\$41.04	\$9.82
213	1-Sep-11	15	4	\$31.24	Yes	\$41.04	\$9.80
214	1-Sep-11	15	4	\$31.24	Yes	\$41.04	\$9.80
215	1-Sep-11	15	5	\$31.24	Yes	\$41.04	\$9.80
216	1-Sep-11	15	5	\$31.24	Yes	\$41.04	\$9.80
217	1-Sep-11	15	6	\$33.11	Yes	\$41.04	\$7.93
218	1-Sep-11	15	6	\$33.11	Yes	\$41.04	\$7.93
219	1-Sep-11	15	7	\$33.17	Yes	\$41.04	\$7.87
220	1-Sep-11	15	7	\$33.17	Yes	\$41.04	\$7.87
221	1-Sep-11	15	8	\$33.17	Yes	\$41.04	\$7.87

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
222	1-Sep-11	15	8	\$33.17	Yes	\$41.04	\$7.87
223	1-Sep-11	15	9	\$32.98	Yes	\$41.04	\$8.06
224	1-Sep-11	15	9	\$32.98	Yes	\$41.04	\$8.06
225	1-Sep-11	15	10	\$34.52	Yes	\$41.04	\$6.52
226	1-Sep-11	15	10	\$34.52	Yes	\$41.04	\$6.52
227	1-Sep-11	15	11	\$34.43	Yes	\$41.04	\$6.61
228	1-Sep-11	15	11	\$34.43	Yes	\$41.04	\$6.61
229	1-Sep-11	15	12	\$34.55	Yes	\$41.04	\$6.49
230	1-Sep-11	15	12	\$34.55	Yes	\$41.04	\$6.49
231	1-Sep-11	16	1	\$33.70	Yes	\$41.04	\$7.34
232	1-Sep-11	16	1	\$33.70	Yes	\$41.04	\$7.34
233	1-Sep-11	16	2	\$34.56	Yes	\$41.04	\$6.48
234	1-Sep-11	16	2	\$34.56	Yes	\$41.04	\$6.48
235	1-Sep-11	16	3	\$33.70	Yes	\$41.04	\$7.34
236	1-Sep-11	16	3	\$33.70	Yes	\$41.04	\$7.34
237	1-Sep-11	16	4	\$33.84	Yes	\$41.04	\$7.20
238	1-Sep-11	16	4	\$33.84	Yes	\$41.04	\$7.20
239	1-Sep-11	16	5	\$33.84	Yes	\$41.04	\$7.20
240	1-Sep-11	16	5	\$33.84	Yes	\$41.04	\$7.20
241	1-Sep-11	16	6	\$35.24	Yes	\$41.04	\$5.80
242	1-Sep-11	16	6	\$35.24	Yes	\$41.04	\$5.80
243	1-Sep-11	16	7	\$34.06	Yes	\$41.04	\$6.98
244	1-Sep-11	16	7	\$34.06	Yes	\$41.04	\$6.98
245	1-Sep-11	16	8	\$34.48	Yes	\$41.04	\$6.56
246	1-Sep-11	16	8	\$34.48	Yes	\$41.04	\$6.56
247	1-Sep-11	16	9	\$35.53	Yes	\$41.04	\$5.51
248	1-Sep-11	16	9	\$35.53	Yes	\$41.04	\$5.51
249	1-Sep-11	16	10	\$34.75	Yes	\$41.04	\$6.29
250	1-Sep-11	16	10	\$34.75	Yes	\$41.04	\$6.29
251	1-Sep-11	16	11	\$34.75	Yes	\$41.04	\$6.29
252	1-Sep-11	16	11	\$34.75	Yes	\$41.04	\$6.29
253	1-Sep-11	16	12	\$33.54	Yes	\$41.04	\$7.50
254	1-Sep-11	16	12	\$33.54	Yes	\$41.04	\$7.50
255	1-Sep-11	17	1	\$49.41	Yes	\$41.04	-\$8.37
256	1-Sep-11	17	1	\$49.41	Yes	\$41.04	-\$8.37
257	1-Sep-11	17	2	\$49.41	Yes	\$41.04	-\$8.37
258	1-Sep-11	17	2	\$49.41	Yes	\$41.04	-\$8.37
259	1-Sep-11	17	3	\$37.85	Yes	\$41.04	\$3.19
260	1-Sep-11	17	3	\$37.85	Yes	\$41.04	\$3.19
261	1-Sep-11	17	4	\$41.69	Yes	\$41.04	-\$0.65
262	1-Sep-11	17	4	\$41.69	Yes	\$41.04	-\$0.65
263	1-Sep-11	17	5	\$49.24	Yes	\$41.04	-\$8.20
264	1-Sep-11	17	5	\$49.24	Yes	\$41.04	-\$8.20
265	1-Sep-11	17	6	\$46.55	Yes	\$41.04	-\$5.51
266	1-Sep-11	17	6	\$46.55	Yes	\$41.04	-\$5.51

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
267	1-Sep-11	17	7	\$45.06	Yes	\$41.04	-\$4.02
268	1-Sep-11	17	7	\$45.06	Yes	\$41.04	-\$4.02
269	1-Sep-11	17	8	\$87.19	Yes	\$41.04	-\$46.15
270	1-Sep-11	17	8	\$87.19	Yes	\$41.04	-\$46.15
271	1-Sep-11	17	9	\$51.77	Yes	\$41.04	-\$10.73
272	1-Sep-11	17	9	\$51.77	Yes	\$41.04	-\$10.73
273	1-Sep-11	17	10	\$54.86	Yes	\$41.04	-\$13.82
274	1-Sep-11	17	10	\$54.86	Yes	\$41.04	-\$13.82
275	1-Sep-11	17	11	\$48.68	Yes	\$41.04	-\$7.64
276	1-Sep-11	17	11	\$48.68	Yes	\$41.04	-\$7.64
277	1-Sep-11	17	12	\$41.04	Yes	\$41.04	\$0.00
278	1-Sep-11	17	12	\$41.04	Yes	\$41.04	\$0.00
279	1-Sep-11	18	1	\$49.57	Yes	\$41.04	-\$8.53
280	1-Sep-11	18	1	\$49.57	Yes	\$41.04	-\$8.53
281	1-Sep-11	18	2	\$50.73	Yes	\$41.04	-\$9.69
282	1-Sep-11	18	2	\$50.73	Yes	\$41.04	-\$9.69
283	1-Sep-11	18	3	\$34.12	Yes	\$41.04	\$6.92
284	1-Sep-11	18	3	\$34.12	Yes	\$41.04	\$6.92
285	1-Sep-11	18	4	\$51.06	Yes	\$41.04	-\$10.02
286	1-Sep-11	18	4	\$51.06	Yes	\$41.04	-\$10.02
287	1-Sep-11	18	5	\$55.58	Yes	\$41.04	-\$14.54
288	1-Sep-11	18	5	\$55.58	Yes	\$41.04	-\$14.54
289	1-Sep-11	18	6	\$40.76	Yes	\$41.04	\$0.28
290	1-Sep-11	18	6	\$40.76	Yes	\$41.04	\$0.28
291	1-Sep-11	18	7	\$49.24	Yes	\$41.04	-\$8.20
292	1-Sep-11	18	7	\$49.24	Yes	\$41.04	-\$8.20
293	1-Sep-11	18	8	\$40.82	Yes	\$41.04	\$0.22
294	1-Sep-11	18	8	\$40.82	Yes	\$41.04	\$0.22
295	1-Sep-11	18	9	\$41.77	Yes	\$41.04	-\$0.73
296	1-Sep-11	18	9	\$41.77	Yes	\$41.04	-\$0.73
297	1-Sep-11	18	10	\$39.24	Yes	\$41.04	\$1.80
298	1-Sep-11	18	10	\$39.24	Yes	\$41.04	\$1.80
299	1-Sep-11	18	11	\$37.04	Yes	\$41.04	\$4.00
300	1-Sep-11	18	11	\$37.04	Yes	\$41.04	\$4.00
301	1-Sep-11	18	12	\$33.45	Yes	\$41.04	\$7.59
302	1-Sep-11	18	12	\$33.45	Yes	\$41.04	\$7.59
303	1-Sep-11	19	1	\$47.47	Yes	\$41.04	-\$6.43
304	1-Sep-11	19	1	\$47.47	Yes	\$41.04	-\$6.43
305	1-Sep-11	19	2	\$47.11	Yes	\$41.04	-\$6.07
306	1-Sep-11	19	2	\$47.11	Yes	\$41.04	-\$6.07
307	1-Sep-11	19	3	\$48.16	Yes	\$41.04	-\$7.12
308	1-Sep-11	19	3	\$48.16	Yes	\$41.04	-\$7.12
309	1-Sep-11	19	4	\$735.03	Yes	\$41.04	-\$693.99
310	1-Sep-11	19	4	\$735.03	Yes	\$41.04	-\$693.99
311	1-Sep-11	19	5	\$107.24	Yes	\$41.04	-\$66.20

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
312	1-Sep-11	19	5	\$107.24	Yes	\$41.04	-\$66.20
313	1-Sep-11	19	6	\$735.03	Yes	\$41.04	-\$693.99
314	1-Sep-11	19	6	\$735.03	Yes	\$41.04	-\$693.99
315	1-Sep-11	19	7	\$47.47	Yes	\$41.04	-\$6.43
316	1-Sep-11	19	7	\$47.47	Yes	\$41.04	-\$6.43
317	1-Sep-11	19	8	\$47.47	Yes	\$41.04	-\$6.43
318	1-Sep-11	19	8	\$47.47	Yes	\$41.04	-\$6.43
319	1-Sep-11	19	9	\$43.31	Yes	\$41.04	-\$2.27
320	1-Sep-11	19	9	\$43.31	Yes	\$41.04	-\$2.27
321	1-Sep-11	19	10	\$43.71	Yes	\$41.04	-\$2.67
322	1-Sep-11	19	10	\$43.71	Yes	\$41.04	-\$2.67
323	1-Sep-11	19	11	\$34.85	Yes	\$41.04	\$6.19
324	1-Sep-11	19	11	\$34.85	Yes	\$41.04	\$6.19
325	1-Sep-11	19	12	\$33.02	Yes	\$41.04	\$8.02
326	1-Sep-11	19	12	\$33.02	Yes	\$41.04	\$8.02
327	1-Sep-11	20	1	\$34.96	Yes	\$41.04	\$6.08
328	1-Sep-11	20	1	\$34.96	Yes	\$41.04	\$6.08
329	1-Sep-11	20	2	\$34.34	Yes	\$41.04	\$6.70
330	1-Sep-11	20	2	\$34.34	Yes	\$41.04	\$6.70
331	1-Sep-11	20	3	\$31.78	Yes	\$41.04	\$9.26
332	1-Sep-11	20	3	\$31.78	Yes	\$41.04	\$9.26
333	1-Sep-11	20	4	\$31.29	Yes	\$41.04	\$9.75
334	1-Sep-11	20	4	\$31.29	Yes	\$41.04	\$9.75
335	1-Sep-11	20	5	\$31.29	Yes	\$41.04	\$9.75
336	1-Sep-11	20	5	\$31.29	Yes	\$41.04	\$9.75
337	1-Sep-11	20	6	\$31.90	Yes	\$41.04	\$9.14
338	1-Sep-11	20	6	\$31.90	Yes	\$41.04	\$9.14
339	1-Sep-11	20	7	\$31.24	Yes	\$41.04	\$9.80
340	1-Sep-11	20	7	\$31.24	Yes	\$41.04	\$9.80
341	1-Sep-11	20	8	\$32.14	Yes	\$41.04	\$8.90
342	1-Sep-11	20	8	\$32.14	Yes	\$41.04	\$8.90
343	1-Sep-11	20	9	\$36.59	Yes	\$41.04	\$4.45
344	1-Sep-11	20	9	\$36.59	Yes	\$41.04	\$4.45
345	1-Sep-11	20	10	\$45.88	Yes	\$41.04	-\$4.84
346	1-Sep-11	20	10	\$45.88	Yes	\$41.04	-\$4.84
347	1-Sep-11	20	11	\$157.32	Yes	\$41.04	-\$116.28
348	1-Sep-11	20	11	\$157.32	Yes	\$41.04	-\$116.28
349	1-Sep-11	20	12	\$157.32	Yes	\$41.04	-\$116.28
350	1-Sep-11	20	12	\$157.32	Yes	\$41.04	-\$116.28
351	1-Sep-11	21	1	\$64.57	Yes	\$41.04	-\$23.53
352	1-Sep-11	21	1	\$64.57	Yes	\$41.04	-\$23.53
353	1-Sep-11	21	2	\$52.04	Yes	\$41.04	-\$11.00
354	1-Sep-11	21	2	\$52.04	Yes	\$41.04	-\$11.00
355	1-Sep-11	21	3	\$64.57	Yes	\$41.04	-\$23.53
356	1-Sep-11	21	3	\$64.57	Yes	\$41.04	-\$23.53

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
357	1-Sep-11	21	4	\$64.57	Yes	\$41.04	-\$23.53
358	1-Sep-11	21	4	\$64.57	Yes	\$41.04	-\$23.53
359	1-Sep-11	21	5	\$54.87	Yes	\$41.04	-\$13.83
360	1-Sep-11	21	5	\$54.87	Yes	\$41.04	-\$13.83
361	1-Sep-11	21	6	\$47.34	Yes	\$41.04	-\$6.30
362	1-Sep-11	21	6	\$47.34	Yes	\$41.04	-\$6.30
363	1-Sep-11	21	7	\$51.65	Yes	\$41.04	-\$10.61
364	1-Sep-11	21	7	\$51.65	Yes	\$41.04	-\$10.61
365	1-Sep-11	21	8	\$36.11	Yes	\$41.04	\$4.93
366	1-Sep-11	21	8	\$36.11	Yes	\$41.04	\$4.93
367	1-Sep-11	21	9	\$31.12	Yes	\$41.04	\$9.92
368	1-Sep-11	21	9	\$31.12	Yes	\$41.04	\$9.92
369	1-Sep-11	21	10	\$29.24	Yes	\$41.04	\$11.80
370	1-Sep-11	21	10	\$29.24	Yes	\$41.04	\$11.80
371	1-Sep-11	21	11	\$29.24	Yes	\$41.04	\$11.80
372	1-Sep-11	21	11	\$29.24	Yes	\$41.04	\$11.80
373	1-Sep-11	21	12	\$27.15	Yes	\$41.04	\$13.89
374	1-Sep-11	21	12	\$27.15	Yes	\$41.04	\$13.89
375	1-Sep-11	22	1	\$31.31	Yes	\$41.04	\$9.73
376	1-Sep-11	22	1	\$31.31	Yes	\$41.04	\$9.73
377	1-Sep-11	22	2	\$31.30	Yes	\$41.04	\$9.74
378	1-Sep-11	22	2	\$31.30	Yes	\$41.04	\$9.74
379	1-Sep-11	22	3	\$31.30	Yes	\$41.04	\$9.74
380	1-Sep-11	22	3	\$31.30	Yes	\$41.04	\$9.74
381	1-Sep-11	22	4	\$31.30	Yes	\$41.04	\$9.74
382	1-Sep-11	22	4	\$31.30	Yes	\$41.04	\$9.74
383	1-Sep-11	22	5	\$31.30	Yes	\$41.04	\$9.74
384	1-Sep-11	22	5	\$31.30	Yes	\$41.04	\$9.74
385	1-Sep-11	22	6	\$26.86	Yes	\$41.04	\$14.18
386	1-Sep-11	22	6	\$26.86	Yes	\$41.04	\$14.18
387	1-Sep-11	22	7	\$27.24	Yes	\$41.04	\$13.80
388	1-Sep-11	22	7	\$27.24	Yes	\$41.04	\$13.80
389	1-Sep-11	22	8	\$27.34	Yes	\$41.04	\$13.70
390	1-Sep-11	22	8	\$27.34	Yes	\$41.04	\$13.70
391	1-Sep-11	22	9	\$26.64	Yes	\$41.04	\$14.40
392	1-Sep-11	22	9	\$26.64	Yes	\$41.04	\$14.40
393	1-Sep-11	22	10	\$27.26	Yes	\$41.04	\$13.78
394	1-Sep-11	22	10	\$27.26	Yes	\$41.04	\$13.78
395	1-Sep-11	22	11	\$24.24	Yes	\$41.04	\$16.80
396	1-Sep-11	22	11	\$24.24	Yes	\$41.04	\$16.80
397	1-Sep-11	22	12	\$24.52	Yes	\$41.04	\$16.52
398	1-Sep-11	22	12	\$24.52	Yes	\$41.04	\$16.52
399	1-Sep-11	23	1	\$31.33	Yes	\$41.04	\$9.71
400	1-Sep-11	23	2	\$33.11	Yes	\$41.04	\$7.93
401	1-Sep-11	23	3	\$32.95	Yes	\$41.04	\$8.09

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
402	1-Sep-11	23	4	\$31.79	Yes	\$41.04	\$9.25
403	1-Sep-11	23	5	\$37.53	Yes	\$41.04	\$3.51
404	1-Sep-11	23	6	\$36.32	Yes	\$41.04	\$4.72
405	1-Sep-11	23	7	\$33.70	Yes	\$41.04	\$7.34
406	1-Sep-11	23	8	\$32.74	Yes	\$41.04	\$8.30
407	1-Sep-11	23	9	\$32.74	Yes	\$41.04	\$8.30
408	1-Sep-11	23	10	\$32.73	Yes	\$41.04	\$8.31
409	1-Sep-11	23	11	\$31.20	Yes	\$41.04	\$9.84
410	1-Sep-11	23	12	\$31.20	Yes	\$41.04	\$9.84
411	1-Sep-11	24	1	\$47.40	Yes	\$41.94	-\$5.46
412	1-Sep-11	24	2	\$43.16	Yes	\$41.94	-\$1.22
413	1-Sep-11	24	3	\$38.36	Yes	\$41.94	\$3.58
414	1-Sep-11	24	4	\$38.17	Yes	\$41.94	\$3.77
415	1-Sep-11	24	5	\$37.44	Yes	\$41.94	\$4.50
416	1-Sep-11	24	6	\$33.79	Yes	\$41.94	\$8.15
417	1-Sep-11	24	7	\$33.82	Yes	\$41.94	\$8.12
418	1-Sep-11	24	8	\$30.62	Yes	\$41.94	\$11.32
419	1-Sep-11	24	9	\$30.62	Yes	\$41.94	\$11.32
420	1-Sep-11	24	10	\$29.49	Yes	\$41.94	\$12.45
421	1-Sep-11	24	11	\$28.94	Yes	\$41.94	\$13.00
422	1-Sep-11	24	12	\$22.50	Yes	\$41.94	\$19.44
423	2-Sep-11	1	1	\$29.56	Yes	\$41.94	\$12.38
424	2-Sep-11	1	2	\$29.56	Yes	\$41.94	\$12.38
425	2-Sep-11	1	3	\$32.61	Yes	\$41.94	\$9.33
426	2-Sep-11	1	4	\$30.04	Yes	\$41.94	\$11.90
427	2-Sep-11	1	5	\$30.35	Yes	\$41.94	\$11.59
428	2-Sep-11	1	6	\$31.37	Yes	\$41.94	\$10.57
429	2-Sep-11	1	7	\$29.51	Yes	\$41.94	\$12.43
430	2-Sep-11	1	8	\$29.51	Yes	\$41.94	\$12.43
431	2-Sep-11	1	9	\$31.80	Yes	\$41.94	\$10.14
432	2-Sep-11	1	10	\$29.51	Yes	\$41.94	\$12.43
433	2-Sep-11	1	11	\$29.51	Yes	\$41.94	\$12.43
434	2-Sep-11	1	12	\$29.51	Yes	\$41.94	\$12.43
435	2-Sep-11	2	1	\$44.48	Yes	\$41.94	-\$2.54
436	2-Sep-11	2	2	\$37.32	Yes	\$41.94	\$4.62
437	2-Sep-11	2	3	\$37.91	Yes	\$41.94	\$4.03
438	2-Sep-11	2	4	\$32.73	Yes	\$41.94	\$9.21
439	2-Sep-11	2	5	\$35.94	Yes	\$41.94	\$6.00
440	2-Sep-11	2	6	\$35.93	Yes	\$41.94	\$6.01
441	2-Sep-11	2	7	\$31.88	Yes	\$41.94	\$10.06
442	2-Sep-11	2	8	\$28.74	Yes	\$41.94	\$13.20
443	2-Sep-11	2	9	\$11.91	Yes	\$41.94	\$30.03
444	2-Sep-11	2	10	\$26.50	Yes	\$41.94	\$15.44
445	2-Sep-11	2	11	\$27.60	Yes	\$41.94	\$14.34
446	2-Sep-11	2	12	\$28.73	Yes	\$41.94	\$13.21

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
447	2-Sep-11	3	1	\$35.96	Yes	\$41.94	\$5.98
448	2-Sep-11	3	2	\$31.83	Yes	\$41.94	\$10.11
449	2-Sep-11	3	3	\$27.45	Yes	\$41.94	\$14.49
450	2-Sep-11	3	4	\$26.94	Yes	\$41.94	\$15.00
451	2-Sep-11	3	5	\$26.94	Yes	\$41.94	\$15.00
452	2-Sep-11	3	6	\$26.94	Yes	\$41.94	\$15.00
453	2-Sep-11	3	7	\$27.26	Yes	\$41.94	\$14.68
454	2-Sep-11	3	8	\$27.26	Yes	\$41.94	\$14.68
455	2-Sep-11	3	9	\$27.26	Yes	\$41.94	\$14.68
456	2-Sep-11	3	10	\$27.72	Yes	\$41.94	\$14.22
457	2-Sep-11	3	11	\$27.72	Yes	\$41.94	\$14.22
458	2-Sep-11	3	12	\$27.71	Yes	\$41.94	\$14.23
459	2-Sep-11	4	1	\$28.32	Yes	\$41.94	\$13.62
460	2-Sep-11	4	2	\$30.35	Yes	\$41.94	\$11.59
461	2-Sep-11	4	3	\$30.35	Yes	\$41.94	\$11.59
462	2-Sep-11	4	4	\$31.34	Yes	\$41.94	\$10.60
463	2-Sep-11	4	5	\$30.34	Yes	\$41.94	\$11.60
464	2-Sep-11	4	6	\$30.34	Yes	\$41.94	\$11.60
465	2-Sep-11	4	7	\$31.34	Yes	\$41.94	\$10.60
466	2-Sep-11	4	8	\$31.34	Yes	\$41.94	\$10.60
467	2-Sep-11	4	9	\$32.68	Yes	\$41.94	\$9.26
468	2-Sep-11	4	10	\$32.02	Yes	\$41.94	\$9.92
469	2-Sep-11	4	11	\$32.25	Yes	\$41.94	\$9.69
470	2-Sep-11	4	12	\$32.25	Yes	\$41.94	\$9.69
471	2-Sep-11	5	1	\$35.15	Yes	\$41.94	\$6.79
472	2-Sep-11	5	2	\$35.99	Yes	\$41.94	\$5.95
473	2-Sep-11	5	3	\$35.99	Yes	\$41.94	\$5.95
474	2-Sep-11	5	4	\$35.99	Yes	\$41.94	\$5.95
475	2-Sep-11	5	5	\$35.99	Yes	\$41.94	\$5.95
476	2-Sep-11	5	6	\$36.00	Yes	\$41.94	\$5.94
477	2-Sep-11	5	7	\$36.95	Yes	\$41.94	\$4.99
478	2-Sep-11	5	8	\$37.79	Yes	\$41.94	\$4.15
479	2-Sep-11	5	9	\$37.64	Yes	\$41.94	\$4.30
480	2-Sep-11	5	10	\$37.00	Yes	\$41.94	\$4.94
481	2-Sep-11	5	11	\$37.67	Yes	\$41.94	\$4.27
482	2-Sep-11	5	12	\$37.79	Yes	\$41.94	\$4.15
483	2-Sep-11	6	1	\$36.02	Yes	\$41.94	\$5.92
484	2-Sep-11	6	2	\$35.16	Yes	\$41.94	\$6.78
485	2-Sep-11	6	3	\$32.25	Yes	\$41.94	\$9.69
486	2-Sep-11	6	4	\$32.51	Yes	\$41.94	\$9.43
487	2-Sep-11	6	5	\$32.55	Yes	\$41.94	\$9.39
488	2-Sep-11	6	6	\$32.59	Yes	\$41.94	\$9.35
489	2-Sep-11	6	7	\$34.54	Yes	\$41.94	\$7.40
490	2-Sep-11	6	8	\$36.87	Yes	\$41.94	\$5.07
491	2-Sep-11	6	9	\$49.64	Yes	\$41.94	-\$7.70

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
492	2-Sep-11	6	10	\$60.15	Yes	\$41.94	-\$18.21
493	2-Sep-11	6	11	\$50.57	Yes	\$41.94	-\$8.63
494	2-Sep-11	6	12	\$50.57	Yes	\$41.94	-\$8.63
495	2-Sep-11	7	1	\$37.21	Yes	\$41.94	\$4.73
496	2-Sep-11	7	2	\$41.19	Yes	\$41.94	\$0.75
497	2-Sep-11	7	3	\$36.15	Yes	\$41.94	\$5.79
498	2-Sep-11	7	4	\$33.92	Yes	\$41.94	\$8.02
499	2-Sep-11	7	5	\$37.47	Yes	\$41.94	\$4.47
500	2-Sep-11	7	6	\$37.63	Yes	\$41.94	\$4.31
501	2-Sep-11	7	7	\$41.22	Yes	\$41.94	\$0.72
502	2-Sep-11	7	8	\$40.74	Yes	\$41.94	\$1.20
503	2-Sep-11	7	9	\$51.36	Yes	\$41.94	-\$9.42
504	2-Sep-11	7	10	\$45.22	Yes	\$41.94	-\$3.28
505	2-Sep-11	7	11	\$60.61	Yes	\$41.94	-\$18.67
506	2-Sep-11	7	12	\$60.61	Yes	\$41.94	-\$18.67
507	2-Sep-11	8	1	\$44.04	Yes	\$41.94	-\$2.10
508	2-Sep-11	8	2	\$34.95	Yes	\$41.94	\$6.99
509	2-Sep-11	8	3	\$34.95	Yes	\$41.94	\$6.99
510	2-Sep-11	8	4	\$34.93	Yes	\$41.94	\$7.01
511	2-Sep-11	8	5	\$34.93	Yes	\$41.94	\$7.01
512	2-Sep-11	8	6	\$38.93	Yes	\$41.94	\$3.01
513	2-Sep-11	8	7	\$37.47	Yes	\$41.94	\$4.47
514	2-Sep-11	8	8	\$35.07	Yes	\$41.94	\$6.87
515	2-Sep-11	8	9	\$51.22	Yes	\$41.94	-\$9.28
516	2-Sep-11	8	10	\$61.27	Yes	\$41.94	-\$19.33
517	2-Sep-11	8	11	\$61.27	Yes	\$41.94	-\$19.33
518	2-Sep-11	8	12	\$51.29	Yes	\$41.94	-\$9.35
519	2-Sep-11	9	1	\$33.68	Yes	\$41.94	\$8.26
520	2-Sep-11	9	2	\$33.05	Yes	\$41.94	\$8.89
521	2-Sep-11	9	3	\$30.65	Yes	\$41.94	\$11.29
522	2-Sep-11	9	4	\$30.87	Yes	\$41.94	\$11.07
523	2-Sep-11	9	5	\$32.16	Yes	\$41.94	\$9.78
524	2-Sep-11	9	6	\$30.21	Yes	\$41.94	\$11.73
525	2-Sep-11	9	7	\$32.29	Yes	\$41.94	\$9.65
526	2-Sep-11	9	8	\$33.20	Yes	\$41.94	\$8.74
527	2-Sep-11	9	9	\$33.20	Yes	\$41.94	\$8.74
528	2-Sep-11	9	10	\$34.06	Yes	\$41.94	\$7.88
529	2-Sep-11	9	11	\$37.68	Yes	\$41.94	\$4.26
530	2-Sep-11	9	12	\$37.79	Yes	\$41.94	\$4.15
531	2-Sep-11	10	1	\$33.83	Yes	\$41.94	\$8.11
532	2-Sep-11	10	2	\$34.31	Yes	\$41.94	\$7.63
533	2-Sep-11	10	3	\$33.20	Yes	\$41.94	\$8.74
534	2-Sep-11	10	4	\$33.25	Yes	\$41.94	\$8.69
535	2-Sep-11	10	5	\$33.25	Yes	\$41.94	\$8.69
536	2-Sep-11	10	6	\$33.21	Yes	\$41.94	\$8.73

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
537	2-Sep-11	10	7	\$33.87	Yes	\$41.94	\$8.07
538	2-Sep-11	10	8	\$33.97	Yes	\$41.94	\$7.97
539	2-Sep-11	10	9	\$34.45	Yes	\$41.94	\$7.49
540	2-Sep-11	10	10	\$34.83	Yes	\$41.94	\$7.11
541	2-Sep-11	10	11	\$36.30	Yes	\$41.94	\$5.64
542	2-Sep-11	10	12	\$35.84	Yes	\$41.94	\$6.10
543	2-Sep-11	11	1	\$54.43	Yes	\$41.94	-\$12.49
544	2-Sep-11	11	2	\$41.29	Yes	\$41.94	\$0.65
545	2-Sep-11	11	3	\$27.98	Yes	\$41.94	\$13.96
546	2-Sep-11	11	4	\$29.89	Yes	\$41.94	\$12.05
547	2-Sep-11	11	5	\$32.33	Yes	\$41.94	\$9.61
548	2-Sep-11	11	6	\$33.16	Yes	\$41.94	\$8.78
549	2-Sep-11	11	7	\$36.38	Yes	\$41.94	\$5.56
550	2-Sep-11	11	8	\$38.25	Yes	\$41.94	\$3.69
551	2-Sep-11	11	9	\$42.25	Yes	\$41.94	-\$0.31
552	2-Sep-11	11	10	\$43.07	Yes	\$41.94	-\$1.13
553	2-Sep-11	11	11	\$42.45	Yes	\$41.94	-\$0.51
554	2-Sep-11	11	12	\$42.42	Yes	\$41.94	-\$0.48
555	2-Sep-11	12	1	\$48.84	Yes	\$41.94	-\$6.90
556	2-Sep-11	12	2	\$41.06	Yes	\$41.94	\$0.88
557	2-Sep-11	12	3	\$34.81	Yes	\$41.94	\$7.13
558	2-Sep-11	12	4	\$43.10	Yes	\$41.94	-\$1.16
559	2-Sep-11	12	5	\$43.01	Yes	\$41.94	-\$1.07
560	2-Sep-11	12	6	\$43.01	Yes	\$41.94	-\$1.07
561	2-Sep-11	12	7	\$39.05	Yes	\$41.94	\$2.89
562	2-Sep-11	12	8	\$42.71	Yes	\$41.94	-\$0.77
563	2-Sep-11	12	9	\$43.04	Yes	\$41.94	-\$1.10
564	2-Sep-11	12	10	\$41.94	Yes	\$41.94	\$0.00
565	2-Sep-11	12	11	\$41.94	Yes	\$41.94	\$0.00
566	2-Sep-11	12	12	\$41.90	Yes	\$41.94	\$0.04
567	2-Sep-11	13	1	\$38.75	Yes	\$41.94	\$3.19
568	2-Sep-11	13	2	\$40.20	Yes	\$41.94	\$1.74
569	2-Sep-11	13	3	\$41.91	Yes	\$41.94	\$0.03
570	2-Sep-11	13	4	\$43.09	Yes	\$41.94	-\$1.15
571	2-Sep-11	13	5	\$43.32	Yes	\$41.94	-\$1.38
572	2-Sep-11	13	6	\$43.32	Yes	\$41.94	-\$1.38
573	2-Sep-11	13	7	\$43.39	Yes	\$41.94	-\$1.45
574	2-Sep-11	13	8	\$43.35	Yes	\$41.94	-\$1.41
575	2-Sep-11	13	9	\$43.74	Yes	\$41.94	-\$1.80
576	2-Sep-11	13	10	\$43.36	Yes	\$41.94	-\$1.42
577	2-Sep-11	13	11	\$54.57	Yes	\$41.94	-\$12.63
578	2-Sep-11	13	12	\$61.64	Yes	\$41.94	-\$19.70
579	2-Sep-11	14	1	\$34.62	Yes	\$41.94	\$7.32
580	2-Sep-11	14	2	\$37.39	Yes	\$41.94	\$4.55
581	2-Sep-11	14	3	\$37.39	Yes	\$41.94	\$4.55

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
582	2-Sep-11	14	4	\$51.38	Yes	\$41.94	-\$9.44
583	2-Sep-11	14	5	\$45.96	Yes	\$41.94	-\$4.02
584	2-Sep-11	14	6	\$47.26	Yes	\$41.94	-\$5.32
585	2-Sep-11	14	7	\$46.01	Yes	\$41.94	-\$4.07
586	2-Sep-11	14	8	\$52.08	Yes	\$41.94	-\$10.14
587	2-Sep-11	14	9	\$52.08	Yes	\$41.94	-\$10.14
588	2-Sep-11	14	9	\$52.08	Yes	\$41.94	-\$10.14
589	2-Sep-11	14	10	\$45.75	Yes	\$41.94	-\$3.81
590	2-Sep-11	14	10	\$45.75	Yes	\$41.94	-\$3.81
591	2-Sep-11	14	11	\$47.47	Yes	\$41.94	-\$5.53
592	2-Sep-11	14	11	\$47.47	Yes	\$41.94	-\$5.53
593	2-Sep-11	14	12	\$48.22	Yes	\$41.94	-\$6.28
594	2-Sep-11	14	12	\$48.22	Yes	\$41.94	-\$6.28
595	2-Sep-11	15	1	\$37.42	Yes	\$41.94	\$4.52
596	2-Sep-11	15	1	\$37.42	Yes	\$41.94	\$4.52
597	2-Sep-11	15	2	\$40.76	Yes	\$41.94	\$1.18
598	2-Sep-11	15	2	\$40.76	Yes	\$41.94	\$1.18
599	2-Sep-11	15	3	\$37.42	Yes	\$41.94	\$4.52
600	2-Sep-11	15	3	\$37.42	Yes	\$41.94	\$4.52
601	2-Sep-11	15	4	\$41.90	Yes	\$41.94	\$0.04
602	2-Sep-11	15	4	\$41.90	Yes	\$41.94	\$0.04
603	2-Sep-11	15	5	\$41.90	Yes	\$41.94	\$0.04
604	2-Sep-11	15	5	\$41.90	Yes	\$41.94	\$0.04
605	2-Sep-11	15	6	\$43.18	Yes	\$41.94	-\$1.24
606	2-Sep-11	15	6	\$43.18	Yes	\$41.94	-\$1.24
607	2-Sep-11	15	7	\$48.06	Yes	\$41.94	-\$6.12
608	2-Sep-11	15	7	\$48.06	Yes	\$41.94	-\$6.12
609	2-Sep-11	15	8	\$48.06	Yes	\$41.94	-\$6.12
610	2-Sep-11	15	8	\$48.06	Yes	\$41.94	-\$6.12
611	2-Sep-11	15	9	\$48.06	Yes	\$41.94	-\$6.12
612	2-Sep-11	15	9	\$48.06	Yes	\$41.94	-\$6.12
613	2-Sep-11	15	10	\$50.97	Yes	\$41.94	-\$9.03
614	2-Sep-11	15	10	\$50.97	Yes	\$41.94	-\$9.03
615	2-Sep-11	15	11	\$50.97	Yes	\$41.94	-\$9.03
616	2-Sep-11	15	11	\$50.97	Yes	\$41.94	-\$9.03
617	2-Sep-11	15	12	\$50.97	Yes	\$41.94	-\$9.03
618	2-Sep-11	15	12	\$50.97	Yes	\$41.94	-\$9.03
619	2-Sep-11	16	1	\$48.17	Yes	\$41.94	-\$6.23
620	2-Sep-11	16	1	\$48.17	Yes	\$41.94	-\$6.23
621	2-Sep-11	16	2	\$45.35	Yes	\$41.94	-\$3.41
622	2-Sep-11	16	2	\$45.35	Yes	\$41.94	-\$3.41
623	2-Sep-11	16	3	\$45.35	Yes	\$41.94	-\$3.41
624	2-Sep-11	16	3	\$45.35	Yes	\$41.94	-\$3.41
625	2-Sep-11	16	4	\$48.39	Yes	\$41.94	-\$6.45
626	2-Sep-11	16	4	\$48.39	Yes	\$41.94	-\$6.45

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
627	2-Sep-11	16	5	\$48.39	Yes	\$41.94	-\$6.45
628	2-Sep-11	16	5	\$48.39	Yes	\$41.94	-\$6.45
629	2-Sep-11	16	6	\$48.39	Yes	\$41.94	-\$6.45
630	2-Sep-11	16	6	\$48.39	Yes	\$41.94	-\$6.45
631	2-Sep-11	16	7	\$50.51	Yes	\$41.94	-\$8.57
632	2-Sep-11	16	7	\$50.51	Yes	\$41.94	-\$8.57
633	2-Sep-11	16	8	\$50.51	Yes	\$41.94	-\$8.57
634	2-Sep-11	16	8	\$50.51	Yes	\$41.94	-\$8.57
635	2-Sep-11	16	9	\$50.51	Yes	\$41.94	-\$8.57
636	2-Sep-11	16	9	\$50.51	Yes	\$41.94	-\$8.57
637	2-Sep-11	16	10	\$44.99	Yes	\$41.94	-\$3.05
638	2-Sep-11	16	10	\$44.99	Yes	\$41.94	-\$3.05
639	2-Sep-11	16	11	\$45.21	Yes	\$41.94	-\$3.27
640	2-Sep-11	16	11	\$45.21	Yes	\$41.94	-\$3.27
641	2-Sep-11	16	12	\$45.67	Yes	\$41.94	-\$3.73
642	2-Sep-11	16	12	\$45.67	Yes	\$41.94	-\$3.73
643	2-Sep-11	17	1	\$50.85	Yes	\$41.94	-\$8.91
644	2-Sep-11	17	1	\$50.85	Yes	\$41.94	-\$8.91
645	2-Sep-11	17	2	\$50.85	Yes	\$41.94	-\$8.91
646	2-Sep-11	17	2	\$50.85	Yes	\$41.94	-\$8.91
647	2-Sep-11	17	3	\$50.37	Yes	\$41.94	-\$8.43
648	2-Sep-11	17	3	\$50.37	Yes	\$41.94	-\$8.43
649	2-Sep-11	17	4	\$47.82	Yes	\$41.94	-\$5.88
650	2-Sep-11	17	4	\$47.82	Yes	\$41.94	-\$5.88
651	2-Sep-11	17	5	\$50.41	Yes	\$41.94	-\$8.47
652	2-Sep-11	17	5	\$50.41	Yes	\$41.94	-\$8.47
653	2-Sep-11	17	6	\$51.07	Yes	\$41.94	-\$9.13
654	2-Sep-11	17	6	\$51.07	Yes	\$41.94	-\$9.13
655	2-Sep-11	17	7	\$84.62	Yes	\$41.94	-\$42.68
656	2-Sep-11	17	7	\$84.62	Yes	\$41.94	-\$42.68
657	2-Sep-11	17	8	\$65.92	Yes	\$41.94	-\$23.98
658	2-Sep-11	17	8	\$65.92	Yes	\$41.94	-\$23.98
659	2-Sep-11	17	9	\$57.99	Yes	\$41.94	-\$16.05
660	2-Sep-11	17	9	\$57.99	Yes	\$41.94	-\$16.05
661	2-Sep-11	17	10	\$52.29	Yes	\$41.94	-\$10.35
662	2-Sep-11	17	10	\$52.29	Yes	\$41.94	-\$10.35
663	2-Sep-11	17	11	\$57.75	Yes	\$41.94	-\$15.81
664	2-Sep-11	17	11	\$57.75	Yes	\$41.94	-\$15.81
665	2-Sep-11	17	12	\$52.80	Yes	\$41.94	-\$10.86
666	2-Sep-11	17	12	\$52.80	Yes	\$41.94	-\$10.86
667	2-Sep-11	18	1	\$149.48	Yes	\$41.94	-\$107.54
668	2-Sep-11	18	1	\$149.48	Yes	\$41.94	-\$107.54
669	2-Sep-11	18	2	\$155.05	Yes	\$41.94	-\$113.11
670	2-Sep-11	18	2	\$155.05	Yes	\$41.94	-\$113.11
671	2-Sep-11	18	3	\$58.04	Yes	\$41.94	-\$16.10

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
672	2-Sep-11	18	3	\$58.04	Yes	\$41.94	-\$16.10
673	2-Sep-11	18	4	\$50.44	Yes	\$41.94	-\$8.50
674	2-Sep-11	18	4	\$50.44	Yes	\$41.94	-\$8.50
675	2-Sep-11	18	5	\$50.44	Yes	\$41.94	-\$8.50
676	2-Sep-11	18	5	\$50.44	Yes	\$41.94	-\$8.50
677	2-Sep-11	18	6	\$48.45	Yes	\$41.94	-\$6.51
678	2-Sep-11	18	6	\$48.45	Yes	\$41.94	-\$6.51
679	2-Sep-11	18	7	\$35.73	Yes	\$41.94	\$6.21
680	2-Sep-11	18	7	\$35.73	Yes	\$41.94	\$6.21
681	2-Sep-11	18	8	\$35.71	Yes	\$41.94	\$6.23
682	2-Sep-11	18	8	\$35.71	Yes	\$41.94	\$6.23
683	2-Sep-11	18	9	\$33.74	Yes	\$41.94	\$8.20
684	2-Sep-11	18	9	\$33.74	Yes	\$41.94	\$8.20
685	2-Sep-11	18	10	\$32.76	Yes	\$41.94	\$9.18
686	2-Sep-11	18	10	\$32.76	Yes	\$41.94	\$9.18
687	2-Sep-11	18	11	\$32.76	Yes	\$41.94	\$9.18
688	2-Sep-11	18	11	\$32.76	Yes	\$41.94	\$9.18
689	2-Sep-11	18	12	\$32.76	Yes	\$41.94	\$9.18
690	2-Sep-11	18	12	\$32.76	Yes	\$41.94	\$9.18
691	2-Sep-11	19	1	\$44.06	Yes	\$41.94	-\$2.12
692	2-Sep-11	19	1	\$44.06	Yes	\$41.94	-\$2.12
693	2-Sep-11	19	2	\$44.75	Yes	\$41.94	-\$2.81
694	2-Sep-11	19	2	\$44.75	Yes	\$41.94	-\$2.81
695	2-Sep-11	19	3	\$44.83	Yes	\$41.94	-\$2.89
696	2-Sep-11	19	3	\$44.83	Yes	\$41.94	-\$2.89
697	2-Sep-11	19	4	\$45.48	Yes	\$41.94	-\$3.54
698	2-Sep-11	19	4	\$45.48	Yes	\$41.94	-\$3.54
699	2-Sep-11	19	5	\$45.04	Yes	\$41.94	-\$3.10
700	2-Sep-11	19	5	\$45.04	Yes	\$41.94	-\$3.10
701	2-Sep-11	19	6	\$44.54	Yes	\$41.94	-\$2.60
702	2-Sep-11	19	6	\$44.54	Yes	\$41.94	-\$2.60
703	2-Sep-11	19	7	\$37.48	Yes	\$41.94	\$4.46
704	2-Sep-11	19	7	\$37.48	Yes	\$41.94	\$4.46
705	2-Sep-11	19	8	\$37.65	Yes	\$41.94	\$4.29
706	2-Sep-11	19	8	\$37.65	Yes	\$41.94	\$4.29
707	2-Sep-11	19	9	\$41.94	Yes	\$41.94	\$0.00
708	2-Sep-11	19	9	\$41.94	Yes	\$41.94	\$0.00
709	2-Sep-11	19	10	\$35.58	Yes	\$41.94	\$6.36
710	2-Sep-11	19	10	\$35.58	Yes	\$41.94	\$6.36
711	2-Sep-11	19	11	\$36.58	Yes	\$41.94	\$5.36
712	2-Sep-11	19	11	\$36.58	Yes	\$41.94	\$5.36
713	2-Sep-11	19	12	\$32.65	Yes	\$41.94	\$9.29
714	2-Sep-11	19	12	\$32.65	Yes	\$41.94	\$9.29
715	2-Sep-11	20	1	\$114.22	Yes	\$41.94	-\$72.28
716	2-Sep-11	20	1	\$114.22	Yes	\$41.94	-\$72.28

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
717	2-Sep-11	20	2	\$48.92	Yes	\$41.94	-\$6.98
718	2-Sep-11	20	2	\$48.92	Yes	\$41.94	-\$6.98
719	2-Sep-11	20	3	\$42.40	Yes	\$41.94	-\$0.46
720	2-Sep-11	20	3	\$42.40	Yes	\$41.94	-\$0.46
721	2-Sep-11	20	4	\$58.38	Yes	\$41.94	-\$16.44
722	2-Sep-11	20	4	\$58.38	Yes	\$41.94	-\$16.44
723	2-Sep-11	20	5	\$58.38	Yes	\$41.94	-\$16.44
724	2-Sep-11	20	5	\$58.38	Yes	\$41.94	-\$16.44
725	2-Sep-11	20	6	\$43.19	Yes	\$41.94	-\$1.25
726	2-Sep-11	20	6	\$43.19	Yes	\$41.94	-\$1.25
727	2-Sep-11	20	7	\$47.10	Yes	\$41.94	-\$5.16
728	2-Sep-11	20	7	\$47.10	Yes	\$41.94	-\$5.16
729	2-Sep-11	20	8	\$120.24	Yes	\$41.94	-\$78.30
730	2-Sep-11	20	8	\$120.24	Yes	\$41.94	-\$78.30
731	2-Sep-11	20	9	\$58.39	Yes	\$41.94	-\$16.45
732	2-Sep-11	20	9	\$58.39	Yes	\$41.94	-\$16.45
733	2-Sep-11	20	10	\$48.53	Yes	\$41.94	-\$6.59
734	2-Sep-11	20	10	\$48.53	Yes	\$41.94	-\$6.59
735	2-Sep-11	20	11	\$51.87	Yes	\$41.94	-\$9.93
736	2-Sep-11	20	11	\$51.87	Yes	\$41.94	-\$9.93
737	2-Sep-11	20	12	\$40.15	Yes	\$41.94	\$1.79
738	2-Sep-11	20	12	\$40.15	Yes	\$41.94	\$1.79
739	2-Sep-11	21	1	\$45.45	Yes	\$41.94	-\$3.51
740	2-Sep-11	21	1	\$45.45	Yes	\$41.94	-\$3.51
741	2-Sep-11	21	2	\$43.00	Yes	\$41.94	-\$1.06
742	2-Sep-11	21	2	\$43.00	Yes	\$41.94	-\$1.06
743	2-Sep-11	21	3	\$33.02	Yes	\$41.94	\$8.92
744	2-Sep-11	21	3	\$33.02	Yes	\$41.94	\$8.92
745	2-Sep-11	21	4	\$37.28	Yes	\$41.94	\$4.66
746	2-Sep-11	21	4	\$37.28	Yes	\$41.94	\$4.66
747	2-Sep-11	21	5	\$41.51	Yes	\$41.94	\$0.43
748	2-Sep-11	21	5	\$41.51	Yes	\$41.94	\$0.43
749	2-Sep-11	21	6	\$37.28	Yes	\$41.94	\$4.66
750	2-Sep-11	21	6	\$37.28	Yes	\$41.94	\$4.66
751	2-Sep-11	21	7	\$33.83	Yes	\$41.94	\$8.11
752	2-Sep-11	21	7	\$33.83	Yes	\$41.94	\$8.11
753	2-Sep-11	21	8	\$33.13	Yes	\$41.94	\$8.81
754	2-Sep-11	21	8	\$33.13	Yes	\$41.94	\$8.81
755	2-Sep-11	21	9	\$32.78	Yes	\$41.94	\$9.16
756	2-Sep-11	21	9	\$32.78	Yes	\$41.94	\$9.16
757	2-Sep-11	21	10	\$32.50	Yes	\$41.94	\$9.44
758	2-Sep-11	21	10	\$32.50	Yes	\$41.94	\$9.44
759	2-Sep-11	21	11	\$31.49	Yes	\$41.94	\$10.45
760	2-Sep-11	21	11	\$31.49	Yes	\$41.94	\$10.45
761	2-Sep-11	21	12	\$29.43	Yes	\$41.94	\$12.51

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
762	2-Sep-11	21	12	\$29.43	Yes	\$41.94	\$12.51
763	2-Sep-11	22	1	\$32.83	Yes	\$41.94	\$9.11
764	2-Sep-11	22	1	\$32.83	Yes	\$41.94	\$9.11
765	2-Sep-11	22	2	\$32.31	Yes	\$41.94	\$9.63
766	2-Sep-11	22	2	\$32.31	Yes	\$41.94	\$9.63
767	2-Sep-11	22	3	\$30.44	Yes	\$41.94	\$11.50
768	2-Sep-11	22	3	\$30.44	Yes	\$41.94	\$11.50
769	2-Sep-11	22	4	\$30.27	Yes	\$41.94	\$11.67
770	2-Sep-11	22	4	\$30.27	Yes	\$41.94	\$11.67
771	2-Sep-11	22	5	\$29.34	Yes	\$41.94	\$12.60
772	2-Sep-11	22	5	\$29.34	Yes	\$41.94	\$12.60
773	2-Sep-11	22	6	\$29.04	Yes	\$41.94	\$12.90
774	2-Sep-11	22	6	\$29.04	Yes	\$41.94	\$12.90
775	2-Sep-11	22	7	\$30.33	Yes	\$41.94	\$11.61
776	2-Sep-11	22	7	\$30.33	Yes	\$41.94	\$11.61
777	2-Sep-11	22	8	\$29.36	Yes	\$41.94	\$12.58
778	2-Sep-11	22	8	\$29.36	Yes	\$41.94	\$12.58
779	2-Sep-11	22	9	\$28.45	Yes	\$41.94	\$13.49
780	2-Sep-11	22	9	\$28.45	Yes	\$41.94	\$13.49
781	2-Sep-11	22	10	\$31.23	Yes	\$41.94	\$10.71
782	2-Sep-11	22	10	\$31.23	Yes	\$41.94	\$10.71
783	2-Sep-11	22	11	\$32.79	Yes	\$41.94	\$9.15
784	2-Sep-11	22	11	\$32.79	Yes	\$41.94	\$9.15
785	2-Sep-11	22	12	\$36.44	Yes	\$41.94	\$5.50
786	2-Sep-11	22	12	\$36.44	Yes	\$41.94	\$5.50
787	2-Sep-11	23	1	\$52.82	Yes	\$41.94	-\$10.88
788	2-Sep-11	23	2	\$43.90	Yes	\$41.94	-\$1.96
789	2-Sep-11	23	3	\$53.76	Yes	\$41.94	-\$11.82
790	2-Sep-11	23	4	\$37.37	Yes	\$41.94	\$4.57
791	2-Sep-11	23	5	\$43.39	Yes	\$41.94	-\$1.45
792	2-Sep-11	23	6	\$50.25	Yes	\$41.94	-\$8.31
793	2-Sep-11	23	7	\$50.56	Yes	\$41.94	-\$8.62
794	2-Sep-11	23	8	\$37.52	Yes	\$41.94	\$4.42
795	2-Sep-11	23	9	\$35.48	Yes	\$41.94	\$6.46
796	2-Sep-11	23	10	\$33.41	Yes	\$41.94	\$8.53
797	2-Sep-11	23	11	\$33.38	Yes	\$41.94	\$8.56
798	2-Sep-11	23	12	\$35.42	Yes	\$41.94	\$6.52
799	2-Sep-11	24	1	\$42.88	Yes	\$41.58	-\$1.30
800	2-Sep-11	24	2	\$41.63	Yes	\$41.58	-\$0.05
801	2-Sep-11	24	3	\$38.89	Yes	\$41.58	\$2.69
802	2-Sep-11	24	4	\$40.27	Yes	\$41.58	\$1.31
803	2-Sep-11	24	5	\$39.00	Yes	\$41.58	\$2.58
804	2-Sep-11	24	6	\$38.48	Yes	\$41.58	\$3.10
805	2-Sep-11	24	7	\$35.90	Yes	\$41.58	\$5.68
806	2-Sep-11	24	8	\$35.90	Yes	\$41.58	\$5.68

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807	2-Sep-11	24	9	\$35.81	Yes	\$41.58	\$5.77
808	2-Sep-11	24	10	\$35.10	Yes	\$41.58	\$6.48
809	2-Sep-11	24	11	\$32.59	Yes	\$41.58	\$8.99
810	2-Sep-11	24	12	\$28.21	Yes	\$41.58	\$13.37
811	20-Sep-11	8	1	\$30.92	Yes	\$39.61	\$8.69
812	20-Sep-11	8	2	\$30.05	Yes	\$39.61	\$9.56
813	20-Sep-11	8	3	\$30.92	Yes	\$39.61	\$8.69
814	20-Sep-11	8	4	\$32.28	Yes	\$39.61	\$7.33
815	20-Sep-11	8	5	\$30.98	Yes	\$39.61	\$8.63
816	20-Sep-11	8	6	\$30.98	Yes	\$39.61	\$8.63
817	20-Sep-11	8	7	\$31.01	Yes	\$39.61	\$8.60
818	20-Sep-11	8	8	\$32.38	Yes	\$39.61	\$7.23
819	20-Sep-11	8	9	\$32.38	Yes	\$39.61	\$7.23
820	20-Sep-11	8	10	\$33.78	Yes	\$39.61	\$5.83
821	20-Sep-11	8	11	\$34.13	Yes	\$39.61	\$5.48
822	20-Sep-11	8	12	\$34.72	Yes	\$39.61	\$4.89
823	20-Sep-11	9	1	\$28.59	Yes	\$39.61	\$11.02
824	20-Sep-11	9	2	\$27.81	Yes	\$39.61	\$11.80
825	20-Sep-11	9	3	\$32.53	Yes	\$39.61	\$7.08
826	20-Sep-11	9	4	\$34.10	Yes	\$39.61	\$5.51
827	20-Sep-11	9	5	\$34.16	Yes	\$39.61	\$5.45
828	20-Sep-11	9	6	\$34.16	Yes	\$39.61	\$5.45
829	20-Sep-11	9	7	\$34.36	Yes	\$39.61	\$5.25
830	20-Sep-11	9	8	\$34.36	Yes	\$39.61	\$5.25
831	20-Sep-11	9	9	\$34.36	Yes	\$39.61	\$5.25
832	20-Sep-11	9	10	\$35.06	Yes	\$39.61	\$4.55
833	20-Sep-11	9	11	\$34.41	Yes	\$39.61	\$5.20
834	20-Sep-11	9	12	\$31.51	Yes	\$39.61	\$8.10
835	20-Sep-11	10	1	\$27.06	Yes	\$39.61	\$12.55
836	20-Sep-11	10	2	\$27.07	Yes	\$39.61	\$12.54
837	20-Sep-11	10	3	\$27.17	Yes	\$39.61	\$12.44
838	20-Sep-11	10	4	\$27.08	Yes	\$39.61	\$12.53
839	20-Sep-11	10	5	\$27.40	Yes	\$39.61	\$12.21
840	20-Sep-11	10	6	\$27.40	Yes	\$39.61	\$12.21
841	20-Sep-11	10	7	\$28.69	Yes	\$39.61	\$10.92
842	20-Sep-11	10	8	\$28.98	Yes	\$39.61	\$10.63
843	20-Sep-11	10	9	\$28.98	Yes	\$39.61	\$10.63
844	20-Sep-11	10	10	\$29.76	Yes	\$39.61	\$9.85
845	20-Sep-11	10	11	\$30.90	Yes	\$39.61	\$8.71
846	20-Sep-11	10	12	\$31.10	Yes	\$39.61	\$8.51
847	20-Sep-11	11	1	\$29.55	Yes	\$39.61	\$10.06
848	20-Sep-11	11	2	\$27.53	Yes	\$39.61	\$12.08
849	20-Sep-11	11	3	\$27.20	Yes	\$39.61	\$12.41
850	20-Sep-11	11	4	\$28.05	Yes	\$39.61	\$11.56
851	20-Sep-11	11	5	\$29.59	Yes	\$39.61	\$10.02

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
852	20-Sep-11	11	6	\$29.73	Yes	\$39.61	\$9.88
853	20-Sep-11	11	7	\$31.04	Yes	\$39.61	\$8.57
854	20-Sep-11	11	7	\$31.04	Yes	\$39.61	\$8.57
855	20-Sep-11	11	8	\$31.92	Yes	\$39.61	\$7.69
856	20-Sep-11	11	8	\$31.92	Yes	\$39.61	\$7.69
857	20-Sep-11	11	9	\$31.92	Yes	\$39.61	\$7.69
858	20-Sep-11	11	9	\$31.92	Yes	\$39.61	\$7.69
859	20-Sep-11	11	10	\$31.07	Yes	\$39.61	\$8.54
860	20-Sep-11	11	10	\$31.07	Yes	\$39.61	\$8.54
861	20-Sep-11	11	11	\$31.01	Yes	\$39.61	\$8.60
862	20-Sep-11	11	11	\$31.01	Yes	\$39.61	\$8.60
863	20-Sep-11	11	12	\$31.07	Yes	\$39.61	\$8.54
864	20-Sep-11	11	12	\$31.07	Yes	\$39.61	\$8.54
865	20-Sep-11	12	1	\$23.83	Yes	\$39.61	\$15.78
866	20-Sep-11	12	1	\$23.83	Yes	\$39.61	\$15.78
867	20-Sep-11	12	2	\$27.31	Yes	\$39.61	\$12.30
868	20-Sep-11	12	2	\$27.31	Yes	\$39.61	\$12.30
869	20-Sep-11	12	3	\$30.16	Yes	\$39.61	\$9.45
870	20-Sep-11	12	3	\$30.16	Yes	\$39.61	\$9.45
871	20-Sep-11	12	4	\$29.88	Yes	\$39.61	\$9.73
872	20-Sep-11	12	4	\$29.88	Yes	\$39.61	\$9.73
873	20-Sep-11	12	5	\$30.47	Yes	\$39.61	\$9.14
874	20-Sep-11	12	5	\$30.47	Yes	\$39.61	\$9.14
875	20-Sep-11	12	6	\$30.61	Yes	\$39.61	\$9.00
876	20-Sep-11	12	6	\$30.61	Yes	\$39.61	\$9.00
877	20-Sep-11	12	7	\$31.00	Yes	\$39.61	\$8.61
878	20-Sep-11	12	7	\$31.00	Yes	\$39.61	\$8.61
879	20-Sep-11	12	8	\$32.06	Yes	\$39.61	\$7.55
880	20-Sep-11	12	8	\$32.06	Yes	\$39.61	\$7.55
881	20-Sep-11	12	9	\$32.06	Yes	\$39.61	\$7.55
882	20-Sep-11	12	9	\$32.06	Yes	\$39.61	\$7.55
883	20-Sep-11	12	10	\$32.01	Yes	\$39.61	\$7.60
884	20-Sep-11	12	10	\$32.01	Yes	\$39.61	\$7.60
885	20-Sep-11	12	11	\$32.01	Yes	\$39.61	\$7.60
886	20-Sep-11	12	11	\$32.01	Yes	\$39.61	\$7.60
887	20-Sep-11	12	12	\$34.92	Yes	\$39.61	\$4.69
888	20-Sep-11	12	12	\$34.92	Yes	\$39.61	\$4.69
889	20-Sep-11	13	1	\$30.18	Yes	\$39.61	\$9.43
890	20-Sep-11	13	1	\$30.18	Yes	\$39.61	\$9.43
891	20-Sep-11	13	2	\$31.00	Yes	\$39.61	\$8.61
892	20-Sep-11	13	2	\$31.00	Yes	\$39.61	\$8.61
893	20-Sep-11	13	3	\$30.18	Yes	\$39.61	\$9.43
894	20-Sep-11	13	3	\$30.18	Yes	\$39.61	\$9.43
895	20-Sep-11	13	4	\$28.68	Yes	\$39.61	\$10.93
896	20-Sep-11	13	4	\$28.68	Yes	\$39.61	\$10.93

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
897	20-Sep-11	13	5	\$29.89	Yes	\$39.61	\$9.72
898	20-Sep-11	13	5	\$29.89	Yes	\$39.61	\$9.72
899	20-Sep-11	13	6	\$30.91	Yes	\$39.61	\$8.70
900	20-Sep-11	13	6	\$30.91	Yes	\$39.61	\$8.70
901	20-Sep-11	13	7	\$30.95	Yes	\$39.61	\$8.66
902	20-Sep-11	13	7	\$30.95	Yes	\$39.61	\$8.66
903	20-Sep-11	13	8	\$32.87	Yes	\$39.61	\$6.74
904	20-Sep-11	13	8	\$32.87	Yes	\$39.61	\$6.74
905	20-Sep-11	13	9	\$34.03	Yes	\$39.61	\$5.58
906	20-Sep-11	13	9	\$34.03	Yes	\$39.61	\$5.58
907	20-Sep-11	13	10	\$33.30	Yes	\$39.61	\$6.31
908	20-Sep-11	13	10	\$33.30	Yes	\$39.61	\$6.31
909	20-Sep-11	13	11	\$34.00	Yes	\$39.61	\$5.61
910	20-Sep-11	13	11	\$34.00	Yes	\$39.61	\$5.61
911	20-Sep-11	13	12	\$35.01	Yes	\$39.61	\$4.60
912	20-Sep-11	13	12	\$35.01	Yes	\$39.61	\$4.60
913	20-Sep-11	14	1	\$29.63	Yes	\$39.61	\$9.98
914	20-Sep-11	14	1	\$29.63	Yes	\$39.61	\$9.98
915	20-Sep-11	14	2	\$30.18	Yes	\$39.61	\$9.43
916	20-Sep-11	14	2	\$30.18	Yes	\$39.61	\$9.43
917	20-Sep-11	14	3	\$30.81	Yes	\$39.61	\$8.80
918	20-Sep-11	14	3	\$30.81	Yes	\$39.61	\$8.80
919	20-Sep-11	14	4	\$33.05	Yes	\$39.61	\$6.56
920	20-Sep-11	14	4	\$33.05	Yes	\$39.61	\$6.56
921	20-Sep-11	14	5	\$33.89	Yes	\$39.61	\$5.72
922	20-Sep-11	14	5	\$33.89	Yes	\$39.61	\$5.72
923	20-Sep-11	14	6	\$39.03	Yes	\$39.61	\$0.58
924	20-Sep-11	14	6	\$39.03	Yes	\$39.61	\$0.58
925	20-Sep-11	14	7	\$40.14	Yes	\$39.61	-\$0.53
926	20-Sep-11	14	7	\$40.14	Yes	\$39.61	-\$0.53
927	20-Sep-11	14	8	\$40.14	Yes	\$39.61	-\$0.53
928	20-Sep-11	14	8	\$40.14	Yes	\$39.61	-\$0.53
929	20-Sep-11	14	9	\$40.36	Yes	\$39.61	-\$0.75
930	20-Sep-11	14	9	\$40.36	Yes	\$39.61	-\$0.75
931	20-Sep-11	14	10	\$41.55	Yes	\$39.61	-\$1.94
932	20-Sep-11	14	10	\$41.55	Yes	\$39.61	-\$1.94
933	20-Sep-11	14	11	\$45.64	Yes	\$39.61	-\$6.03
934	20-Sep-11	14	11	\$45.64	Yes	\$39.61	-\$6.03
935	20-Sep-11	14	12	\$45.64	Yes	\$39.61	-\$6.03
936	20-Sep-11	14	12	\$45.64	Yes	\$39.61	-\$6.03
937	20-Sep-11	15	1	\$38.48	Yes	\$39.61	\$1.13
938	20-Sep-11	15	1	\$38.48	Yes	\$39.61	\$1.13
939	20-Sep-11	15	2	\$35.58	Yes	\$39.61	\$4.03
940	20-Sep-11	15	2	\$35.58	Yes	\$39.61	\$4.03
941	20-Sep-11	15	3	\$37.59	Yes	\$39.61	\$2.02

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
942	20-Sep-11	15	3	\$37.59	Yes	\$39.61	\$2.02
943	20-Sep-11	15	4	\$35.40	Yes	\$39.61	\$4.21
944	20-Sep-11	15	4	\$35.40	Yes	\$39.61	\$4.21
945	20-Sep-11	15	5	\$39.40	Yes	\$39.61	\$0.21
946	20-Sep-11	15	5	\$39.40	Yes	\$39.61	\$0.21
947	20-Sep-11	15	6	\$39.57	Yes	\$39.61	\$0.04
948	20-Sep-11	15	6	\$39.57	Yes	\$39.61	\$0.04
949	20-Sep-11	15	7	\$39.79	Yes	\$39.61	-\$0.18
950	20-Sep-11	15	7	\$39.79	Yes	\$39.61	-\$0.18
951	20-Sep-11	15	8	\$39.79	Yes	\$39.61	-\$0.18
952	20-Sep-11	15	8	\$39.79	Yes	\$39.61	-\$0.18
953	20-Sep-11	15	9	\$41.18	Yes	\$39.61	-\$1.57
954	20-Sep-11	15	9	\$41.18	Yes	\$39.61	-\$1.57
955	20-Sep-11	15	10	\$41.29	Yes	\$39.61	-\$1.68
956	20-Sep-11	15	10	\$41.29	Yes	\$39.61	-\$1.68
957	20-Sep-11	15	11	\$41.29	Yes	\$39.61	-\$1.68
958	20-Sep-11	15	11	\$41.29	Yes	\$39.61	-\$1.68
959	20-Sep-11	15	12	\$40.54	Yes	\$39.61	-\$0.93
960	20-Sep-11	15	12	\$40.54	Yes	\$39.61	-\$0.93
961	20-Sep-11	16	1	\$33.86	Yes	\$39.61	\$5.75
962	20-Sep-11	16	1	\$33.86	Yes	\$39.61	\$5.75
963	20-Sep-11	16	2	\$39.42	Yes	\$39.61	\$0.19
964	20-Sep-11	16	2	\$39.42	Yes	\$39.61	\$0.19
965	20-Sep-11	16	3	\$39.41	Yes	\$39.61	\$0.20
966	20-Sep-11	16	3	\$39.41	Yes	\$39.61	\$0.20
967	20-Sep-11	16	4	\$39.51	Yes	\$39.61	\$0.10
968	20-Sep-11	16	4	\$39.51	Yes	\$39.61	\$0.10
969	20-Sep-11	16	5	\$40.37	Yes	\$39.61	-\$0.76
970	20-Sep-11	16	5	\$40.37	Yes	\$39.61	-\$0.76
971	20-Sep-11	16	6	\$44.23	Yes	\$39.61	-\$4.62
972	20-Sep-11	16	6	\$44.23	Yes	\$39.61	-\$4.62
973	20-Sep-11	16	7	\$62.64	Yes	\$39.61	-\$23.03
974	20-Sep-11	16	7	\$62.64	Yes	\$39.61	-\$23.03
975	20-Sep-11	16	8	\$46.75	Yes	\$39.61	-\$7.14
976	20-Sep-11	16	8	\$46.75	Yes	\$39.61	-\$7.14
977	20-Sep-11	16	9	\$44.60	Yes	\$39.61	-\$4.99
978	20-Sep-11	16	9	\$44.60	Yes	\$39.61	-\$4.99
979	20-Sep-11	16	10	\$41.36	Yes	\$39.61	-\$1.75
980	20-Sep-11	16	10	\$41.36	Yes	\$39.61	-\$1.75
981	20-Sep-11	16	11	\$41.88	Yes	\$39.61	-\$2.27
982	20-Sep-11	16	11	\$41.88	Yes	\$39.61	-\$2.27
983	20-Sep-11	16	12	\$46.85	Yes	\$39.61	-\$7.24
984	20-Sep-11	16	12	\$46.85	Yes	\$39.61	-\$7.24
985	20-Sep-11	17	1	\$46.53	Yes	\$39.61	-\$6.92
986	20-Sep-11	17	1	\$46.53	Yes	\$39.61	-\$6.92

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
987	20-Sep-11	17	2	\$45.22	Yes	\$39.61	-\$5.61
988	20-Sep-11	17	2	\$45.22	Yes	\$39.61	-\$5.61
989	20-Sep-11	17	3	\$43.04	Yes	\$39.61	-\$3.43
990	20-Sep-11	17	3	\$43.04	Yes	\$39.61	-\$3.43
991	20-Sep-11	17	4	\$47.20	Yes	\$39.61	-\$7.59
992	20-Sep-11	17	4	\$47.20	Yes	\$39.61	-\$7.59
993	20-Sep-11	17	5	\$46.57	Yes	\$39.61	-\$6.96
994	20-Sep-11	17	5	\$46.57	Yes	\$39.61	-\$6.96
995	20-Sep-11	17	6	\$46.57	Yes	\$39.61	-\$6.96
996	20-Sep-11	17	6	\$46.57	Yes	\$39.61	-\$6.96
997	20-Sep-11	17	7	\$41.50	Yes	\$39.61	-\$1.89
998	20-Sep-11	17	7	\$41.50	Yes	\$39.61	-\$1.89
999	20-Sep-11	17	8	\$41.50	Yes	\$39.61	-\$1.89
1000	20-Sep-11	17	8	\$41.50	Yes	\$39.61	-\$1.89
1001	20-Sep-11	17	9	\$41.67	Yes	\$39.61	-\$2.06
1002	20-Sep-11	17	9	\$41.67	Yes	\$39.61	-\$2.06
1003	20-Sep-11	17	10	\$41.95	Yes	\$39.61	-\$2.34
1004	20-Sep-11	17	10	\$41.95	Yes	\$39.61	-\$2.34
1005	20-Sep-11	17	11	\$42.16	Yes	\$39.61	-\$2.55
1006	20-Sep-11	17	11	\$42.16	Yes	\$39.61	-\$2.55
1007	20-Sep-11	17	12	\$41.18	Yes	\$39.61	-\$1.57
1008	20-Sep-11	17	12	\$41.18	Yes	\$39.61	-\$1.57
1009	20-Sep-11	18	1	\$41.98	Yes	\$39.61	-\$2.37
1010	20-Sep-11	18	1	\$41.98	Yes	\$39.61	-\$2.37
1011	20-Sep-11	18	2	\$41.38	Yes	\$39.61	-\$1.77
1012	20-Sep-11	18	2	\$41.38	Yes	\$39.61	-\$1.77
1013	20-Sep-11	18	3	\$41.38	Yes	\$39.61	-\$1.77
1014	20-Sep-11	18	3	\$41.38	Yes	\$39.61	-\$1.77
1015	20-Sep-11	18	4	\$40.54	Yes	\$39.61	-\$0.93
1016	20-Sep-11	18	4	\$40.54	Yes	\$39.61	-\$0.93
1017	20-Sep-11	18	5	\$40.29	Yes	\$39.61	-\$0.68
1018	20-Sep-11	18	5	\$40.29	Yes	\$39.61	-\$0.68
1019	20-Sep-11	18	6	\$39.47	Yes	\$39.61	\$0.14
1020	20-Sep-11	18	6	\$39.47	Yes	\$39.61	\$0.14
1021	20-Sep-11	18	7	\$39.29	Yes	\$39.61	\$0.32
1022	20-Sep-11	18	7	\$39.29	Yes	\$39.61	\$0.32
1023	20-Sep-11	18	8	\$38.90	Yes	\$39.61	\$0.71
1024	20-Sep-11	18	8	\$38.90	Yes	\$39.61	\$0.71
1025	20-Sep-11	18	9	\$38.08	Yes	\$39.61	\$1.53
1026	20-Sep-11	18	9	\$38.08	Yes	\$39.61	\$1.53
1027	20-Sep-11	18	10	\$39.27	Yes	\$39.61	\$0.34
1028	20-Sep-11	18	10	\$39.27	Yes	\$39.61	\$0.34
1029	20-Sep-11	18	11	\$38.08	Yes	\$39.61	\$1.53
1030	20-Sep-11	18	11	\$38.08	Yes	\$39.61	\$1.53
1031	20-Sep-11	18	12	\$37.03	Yes	\$39.61	\$2.58

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1032	20-Sep-11	18	12	\$37.03	Yes	\$39.61	\$2.58
1033	20-Sep-11	19	1	\$37.31	Yes	\$39.61	\$2.30
1034	20-Sep-11	19	1	\$37.31	Yes	\$39.61	\$2.30
1035	20-Sep-11	19	2	\$35.53	Yes	\$39.61	\$4.08
1036	20-Sep-11	19	2	\$35.53	Yes	\$39.61	\$4.08
1037	20-Sep-11	19	3	\$33.25	Yes	\$39.61	\$6.36
1038	20-Sep-11	19	3	\$33.25	Yes	\$39.61	\$6.36
1039	20-Sep-11	19	4	\$30.74	Yes	\$39.61	\$8.87
1040	20-Sep-11	19	4	\$30.74	Yes	\$39.61	\$8.87
1041	20-Sep-11	19	5	\$30.74	Yes	\$39.61	\$8.87
1042	20-Sep-11	19	5	\$30.74	Yes	\$39.61	\$8.87
1043	20-Sep-11	19	6	\$29.97	Yes	\$39.61	\$9.64
1044	20-Sep-11	19	6	\$29.97	Yes	\$39.61	\$9.64
1045	20-Sep-11	19	7	\$28.92	Yes	\$39.61	\$10.69
1046	20-Sep-11	19	7	\$28.92	Yes	\$39.61	\$10.69
1047	20-Sep-11	19	8	\$29.99	Yes	\$39.61	\$9.62
1048	20-Sep-11	19	8	\$29.99	Yes	\$39.61	\$9.62
1049	20-Sep-11	19	9	\$29.99	Yes	\$39.61	\$9.62
1050	20-Sep-11	19	9	\$29.99	Yes	\$39.61	\$9.62
1051	20-Sep-11	19	10	\$30.07	Yes	\$39.61	\$9.54
1052	20-Sep-11	19	10	\$30.07	Yes	\$39.61	\$9.54
1053	20-Sep-11	19	11	\$30.07	Yes	\$39.61	\$9.54
1054	20-Sep-11	19	11	\$30.07	Yes	\$39.61	\$9.54
1055	20-Sep-11	19	12	\$30.07	Yes	\$39.61	\$9.54
1056	20-Sep-11	19	12	\$30.07	Yes	\$39.61	\$9.54
1057	20-Sep-11	20	1	\$30.71	Yes	\$39.61	\$8.90
1058	20-Sep-11	20	1	\$30.71	Yes	\$39.61	\$8.90
1059	20-Sep-11	20	2	\$30.71	Yes	\$39.61	\$8.90
1060	20-Sep-11	20	2	\$30.71	Yes	\$39.61	\$8.90
1061	20-Sep-11	20	3	\$30.71	Yes	\$39.61	\$8.90
1062	20-Sep-11	20	3	\$30.71	Yes	\$39.61	\$8.90
1063	20-Sep-11	20	4	\$33.64	Yes	\$39.61	\$5.97
1064	20-Sep-11	20	4	\$33.64	Yes	\$39.61	\$5.97
1065	20-Sep-11	20	5	\$33.69	Yes	\$39.61	\$5.92
1066	20-Sep-11	20	5	\$33.69	Yes	\$39.61	\$5.92
1067	20-Sep-11	20	6	\$35.35	Yes	\$39.61	\$4.26
1068	20-Sep-11	20	6	\$35.35	Yes	\$39.61	\$4.26
1069	20-Sep-11	20	7	\$37.78	Yes	\$39.61	\$1.83
1070	20-Sep-11	20	7	\$37.78	Yes	\$39.61	\$1.83
1071	20-Sep-11	20	8	\$38.46	Yes	\$39.61	\$1.15
1072	20-Sep-11	20	8	\$38.46	Yes	\$39.61	\$1.15
1073	20-Sep-11	20	9	\$38.96	Yes	\$39.61	\$0.65
1074	20-Sep-11	20	9	\$38.96	Yes	\$39.61	\$0.65
1075	20-Sep-11	20	10	\$37.16	Yes	\$39.61	\$2.45
1076	20-Sep-11	20	10	\$37.16	Yes	\$39.61	\$2.45

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1077	20-Sep-11	20	11	\$33.80	Yes	\$39.61	\$5.81
1078	20-Sep-11	20	11	\$33.80	Yes	\$39.61	\$5.81
1079	20-Sep-11	20	12	\$30.44	Yes	\$39.61	\$9.17
1080	20-Sep-11	20	12	\$30.44	Yes	\$39.61	\$9.17
1081	20-Sep-11	21	1	\$42.88	Yes	\$39.61	-\$3.27
1082	20-Sep-11	21	1	\$42.88	Yes	\$39.61	-\$3.27
1083	20-Sep-11	21	2	\$40.42	Yes	\$39.61	-\$0.81
1084	20-Sep-11	21	2	\$40.42	Yes	\$39.61	-\$0.81
1085	20-Sep-11	21	3	\$40.42	Yes	\$39.61	-\$0.81
1086	20-Sep-11	21	3	\$40.42	Yes	\$39.61	-\$0.81
1087	20-Sep-11	21	4	\$38.96	Yes	\$39.61	\$0.65
1088	20-Sep-11	21	4	\$38.96	Yes	\$39.61	\$0.65
1089	20-Sep-11	21	5	\$34.72	Yes	\$39.61	\$4.89
1090	20-Sep-11	21	5	\$34.72	Yes	\$39.61	\$4.89
1091	20-Sep-11	21	6	\$30.67	Yes	\$39.61	\$8.94
1092	20-Sep-11	21	6	\$30.67	Yes	\$39.61	\$8.94
1093	20-Sep-11	21	7	\$30.71	Yes	\$39.61	\$8.90
1094	20-Sep-11	21	7	\$30.71	Yes	\$39.61	\$8.90
1095	20-Sep-11	21	8	\$29.54	Yes	\$39.61	\$10.07
1096	20-Sep-11	21	8	\$29.54	Yes	\$39.61	\$10.07
1097	20-Sep-11	21	9	\$26.81	Yes	\$39.61	\$12.80
1098	20-Sep-11	21	9	\$26.81	Yes	\$39.61	\$12.80
1099	20-Sep-11	21	10	\$26.97	Yes	\$39.61	\$12.64
1100	20-Sep-11	21	10	\$26.97	Yes	\$39.61	\$12.64
1101	20-Sep-11	21	11	\$26.97	Yes	\$39.61	\$12.64
1102	20-Sep-11	21	11	\$26.97	Yes	\$39.61	\$12.64
1103	20-Sep-11	21	12	\$25.02	Yes	\$39.61	\$14.59
1104	20-Sep-11	21	12	\$25.02	Yes	\$39.61	\$14.59
1105	20-Sep-11	22	1	\$33.13	Yes	\$39.61	\$6.48
1106	20-Sep-11	22	2	\$32.74	Yes	\$39.61	\$6.87
1107	20-Sep-11	22	3	\$29.16	Yes	\$39.61	\$10.45
1108	20-Sep-11	22	4	\$26.90	Yes	\$39.61	\$12.71
1109	20-Sep-11	22	5	\$28.45	Yes	\$39.61	\$11.16
1110	20-Sep-11	22	6	\$30.58	Yes	\$39.61	\$9.03
1111	20-Sep-11	22	7	\$28.93	Yes	\$39.61	\$10.68
1112	20-Sep-11	22	8	\$28.25	Yes	\$39.61	\$11.36
1113	20-Sep-11	22	9	\$26.70	Yes	\$39.61	\$12.91
1114	20-Sep-11	22	10	\$23.67	Yes	\$39.61	\$15.94
1115	20-Sep-11	22	11	\$24.81	Yes	\$39.61	\$14.80
1116	20-Sep-11	22	12	\$26.03	Yes	\$39.61	\$13.58
1117	20-Sep-11	23	1	\$32.11	Yes	\$39.61	\$7.50
1118	20-Sep-11	23	2	\$36.67	Yes	\$39.61	\$2.94
1119	20-Sep-11	23	3	\$37.55	Yes	\$39.61	\$2.06
1120	20-Sep-11	23	4	\$32.35	Yes	\$39.61	\$7.26
1121	20-Sep-11	23	5	\$31.11	Yes	\$39.61	\$8.50

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1122	20-Sep-11	23	6	\$30.39	Yes	\$39.61	\$9.22
1123	20-Sep-11	23	7	\$27.31	Yes	\$39.61	\$12.30
1124	20-Sep-11	23	8	\$26.53	Yes	\$39.61	\$13.08
1125	20-Sep-11	23	9	\$25.54	Yes	\$39.61	\$14.07
1126	20-Sep-11	23	10	\$25.39	Yes	\$39.61	\$14.22
1127	20-Sep-11	23	11	\$25.39	Yes	\$39.61	\$14.22
1128	20-Sep-11	23	12	\$25.39	Yes	\$39.61	\$14.22
1129	20-Sep-11	24	1	\$26.59	Yes	\$39.34	\$12.75
1130	20-Sep-11	24	2	\$28.96	Yes	\$39.34	\$10.38
1131	20-Sep-11	24	3	\$26.27	Yes	\$39.34	\$13.07
1132	20-Sep-11	24	4	\$33.49	Yes	\$39.34	\$5.85
1133	20-Sep-11	24	5	\$30.70	Yes	\$39.34	\$8.64
1134	20-Sep-11	24	6	\$30.14	Yes	\$39.34	\$9.20
1135	20-Sep-11	24	7	\$26.67	Yes	\$39.34	\$12.67
1136	20-Sep-11	24	8	\$24.94	Yes	\$39.34	\$14.40
1137	20-Sep-11	24	9	\$23.73	Yes	\$39.34	\$15.61
1138	20-Sep-11	24	10	\$22.13	Yes	\$39.34	\$17.21
1139	20-Sep-11	24	11	\$21.81	Yes	\$39.34	\$17.53
1140	20-Sep-11	24	12	\$0.01	Yes	\$39.34	\$39.33
1141	21-Sep-11	8	1	\$25.10	Yes	\$39.34	\$14.24
1142	21-Sep-11	8	2	\$26.89	Yes	\$39.34	\$12.45
1143	21-Sep-11	8	3	\$28.53	Yes	\$39.34	\$10.81
1144	21-Sep-11	8	4	\$28.47	Yes	\$39.34	\$10.87
1145	21-Sep-11	8	5	\$25.52	Yes	\$39.34	\$13.82
1146	21-Sep-11	8	6	\$26.85	Yes	\$39.34	\$12.49
1147	21-Sep-11	8	7	\$28.36	Yes	\$39.34	\$10.98
1148	21-Sep-11	8	8	\$30.69	Yes	\$39.34	\$8.65
1149	21-Sep-11	8	9	\$31.40	Yes	\$39.34	\$7.94
1150	21-Sep-11	8	10	\$31.43	Yes	\$39.34	\$7.91
1151	21-Sep-11	8	11	\$28.39	Yes	\$39.34	\$10.95
1152	21-Sep-11	8	12	\$29.41	Yes	\$39.34	\$9.93
1153	21-Sep-11	9	1	\$24.86	Yes	\$39.34	\$14.48
1154	21-Sep-11	9	2	\$24.86	Yes	\$39.34	\$14.48
1155	21-Sep-11	9	3	\$24.86	Yes	\$39.34	\$14.48
1156	21-Sep-11	9	4	\$25.14	Yes	\$39.34	\$14.20
1157	21-Sep-11	9	5	\$28.79	Yes	\$39.34	\$10.55
1158	21-Sep-11	9	6	\$27.18	Yes	\$39.34	\$12.16
1159	21-Sep-11	9	7	\$28.93	Yes	\$39.34	\$10.41
1160	21-Sep-11	9	8	\$29.35	Yes	\$39.34	\$9.99
1161	21-Sep-11	9	9	\$29.35	Yes	\$39.34	\$9.99
1162	21-Sep-11	9	10	\$27.56	Yes	\$39.34	\$11.78
1163	21-Sep-11	9	11	\$27.56	Yes	\$39.34	\$11.78
1164	21-Sep-11	9	12	\$28.21	Yes	\$39.34	\$11.13
1165	21-Sep-11	10	1	\$26.46	Yes	\$39.34	\$12.88
1166	21-Sep-11	10	2	\$26.89	Yes	\$39.34	\$12.45

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1167	21-Sep-11	10	3	\$26.73	Yes	\$39.34	\$12.61
1168	21-Sep-11	10	4	\$26.79	Yes	\$39.34	\$12.55
1169	21-Sep-11	10	5	\$26.89	Yes	\$39.34	\$12.45
1170	21-Sep-11	10	6	\$27.35	Yes	\$39.34	\$11.99
1171	21-Sep-11	10	7	\$27.78	Yes	\$39.34	\$11.56
1172	21-Sep-11	10	8	\$28.20	Yes	\$39.34	\$11.14
1173	21-Sep-11	10	9	\$28.92	Yes	\$39.34	\$10.42
1174	21-Sep-11	10	10	\$28.29	Yes	\$39.34	\$11.05
1175	21-Sep-11	10	11	\$29.41	Yes	\$39.34	\$9.93
1176	21-Sep-11	10	12	\$30.28	Yes	\$39.34	\$9.06
1177	21-Sep-11	11	1	\$28.15	Yes	\$39.34	\$11.19
1178	21-Sep-11	11	2	\$26.31	Yes	\$39.34	\$13.03
1179	21-Sep-11	11	3	\$27.55	Yes	\$39.34	\$11.79
1180	21-Sep-11	11	4	\$29.87	Yes	\$39.34	\$9.47
1181	21-Sep-11	11	5	\$30.70	Yes	\$39.34	\$8.64
1182	21-Sep-11	11	6	\$31.19	Yes	\$39.34	\$8.15
1183	21-Sep-11	11	7	\$31.35	Yes	\$39.34	\$7.99
1184	21-Sep-11	11	8	\$31.65	Yes	\$39.34	\$7.69
1185	21-Sep-11	11	9	\$32.02	Yes	\$39.34	\$7.32
1186	21-Sep-11	11	10	\$34.60	Yes	\$39.34	\$4.74
1187	21-Sep-11	11	11	\$34.60	Yes	\$39.34	\$4.74
1188	21-Sep-11	11	12	\$34.34	Yes	\$39.34	\$5.00
1189	21-Sep-11	12	1	\$32.78	Yes	\$39.34	\$6.56
1190	21-Sep-11	12	2	\$33.04	Yes	\$39.34	\$6.30
1191	21-Sep-11	12	3	\$34.07	Yes	\$39.34	\$5.27
1192	21-Sep-11	12	4	\$34.24	Yes	\$39.34	\$5.10
1193	21-Sep-11	12	5	\$34.48	Yes	\$39.34	\$4.86
1194	21-Sep-11	12	6	\$34.48	Yes	\$39.34	\$4.86
1195	21-Sep-11	12	7	\$35.14	Yes	\$39.34	\$4.20
1196	21-Sep-11	12	8	\$35.14	Yes	\$39.34	\$4.20
1197	21-Sep-11	12	9	\$38.56	Yes	\$39.34	\$0.78
1198	21-Sep-11	12	10	\$35.57	Yes	\$39.34	\$3.77
1199	21-Sep-11	12	11	\$35.57	Yes	\$39.34	\$3.77
1200	21-Sep-11	12	12	\$35.57	Yes	\$39.34	\$3.77
1201	21-Sep-11	13	1	\$34.08	Yes	\$39.34	\$5.26
1202	21-Sep-11	13	2	\$33.14	Yes	\$39.34	\$6.20
1203	21-Sep-11	13	3	\$31.61	Yes	\$39.34	\$7.73
1204	21-Sep-11	13	4	\$31.40	Yes	\$39.34	\$7.94
1205	21-Sep-11	13	5	\$31.72	Yes	\$39.34	\$7.62
1206	21-Sep-11	13	6	\$34.16	Yes	\$39.34	\$5.18
1207	21-Sep-11	13	7	\$35.20	Yes	\$39.34	\$4.14
1208	21-Sep-11	13	8	\$35.20	Yes	\$39.34	\$4.14
1209	21-Sep-11	13	9	\$38.96	Yes	\$39.34	\$0.38
1210	21-Sep-11	13	10	\$45.90	Yes	\$39.34	-\$6.56
1211	21-Sep-11	13	11	\$45.74	Yes	\$39.34	-\$6.40

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1212	21-Sep-11	13	12	\$47.82	Yes	\$39.34	-\$8.48
1213	21-Sep-11	14	1	\$33.97	Yes	\$39.34	\$5.37
1214	21-Sep-11	14	2	\$34.20	Yes	\$39.34	\$5.14
1215	21-Sep-11	14	3	\$34.20	Yes	\$39.34	\$5.14
1216	21-Sep-11	14	4	\$34.47	Yes	\$39.34	\$4.87
1217	21-Sep-11	14	5	\$36.39	Yes	\$39.34	\$2.95
1218	21-Sep-11	14	6	\$38.00	Yes	\$39.34	\$1.34
1219	21-Sep-11	14	7	\$40.20	Yes	\$39.34	-\$0.86
1220	21-Sep-11	14	8	\$44.55	Yes	\$39.34	-\$5.21
1221	21-Sep-11	14	9	\$45.81	Yes	\$39.34	-\$6.47
1222	21-Sep-11	14	10	\$44.25	Yes	\$39.34	-\$4.91
1223	21-Sep-11	14	11	\$44.71	Yes	\$39.34	-\$5.37
1224	21-Sep-11	14	12	\$71.24	Yes	\$39.34	-\$31.90
1225	21-Sep-11	15	1	\$40.56	Yes	\$39.34	-\$1.22
1226	21-Sep-11	15	2	\$43.04	Yes	\$39.34	-\$3.70
1227	21-Sep-11	15	3	\$40.56	Yes	\$39.34	-\$1.22
1228	21-Sep-11	15	4	\$40.44	Yes	\$39.34	-\$1.10
1229	21-Sep-11	15	5	\$39.33	Yes	\$39.34	\$0.01
1230	21-Sep-11	15	6	\$38.49	Yes	\$39.34	\$0.85
1231	21-Sep-11	15	7	\$38.83	Yes	\$39.34	\$0.51
1232	21-Sep-11	15	8	\$39.41	Yes	\$39.34	-\$0.07
1233	21-Sep-11	15	9	\$39.97	Yes	\$39.34	-\$0.63
1234	21-Sep-11	15	10	\$45.42	Yes	\$39.34	-\$6.08
1235	21-Sep-11	15	11	\$42.49	Yes	\$39.34	-\$3.15
1236	21-Sep-11	15	12	\$37.60	Yes	\$39.34	\$1.74
1237	21-Sep-11	16	1	\$33.12	Yes	\$39.34	\$6.22
1238	21-Sep-11	16	2	\$33.63	Yes	\$39.34	\$5.71
1239	21-Sep-11	16	3	\$33.97	Yes	\$39.34	\$5.37
1240	21-Sep-11	16	4	\$35.19	Yes	\$39.34	\$4.15
1241	21-Sep-11	16	5	\$37.96	Yes	\$39.34	\$1.38
1242	21-Sep-11	16	6	\$39.25	Yes	\$39.34	\$0.09
1243	21-Sep-11	16	7	\$37.24	Yes	\$39.34	\$2.10
1244	21-Sep-11	16	8	\$35.24	Yes	\$39.34	\$4.10
1245	21-Sep-11	16	9	\$33.89	Yes	\$39.34	\$5.45
1246	21-Sep-11	16	10	\$33.77	Yes	\$39.34	\$5.57
1247	21-Sep-11	16	11	\$35.69	Yes	\$39.34	\$3.65
1248	21-Sep-11	16	12	\$37.68	Yes	\$39.34	\$1.66
1249	21-Sep-11	17	1	\$36.67	Yes	\$39.34	\$2.67
1250	21-Sep-11	17	2	\$37.29	Yes	\$39.34	\$2.05
1251	21-Sep-11	17	3	\$41.72	Yes	\$39.34	-\$2.38
1252	21-Sep-11	17	4	\$42.88	Yes	\$39.34	-\$3.54
1253	21-Sep-11	17	5	\$43.28	Yes	\$39.34	-\$3.94
1254	21-Sep-11	17	6	\$43.28	Yes	\$39.34	-\$3.94
1255	21-Sep-11	17	7	\$42.79	Yes	\$39.34	-\$3.45
1256	21-Sep-11	17	8	\$42.22	Yes	\$39.34	-\$2.88

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1257	21-Sep-11	17	9	\$41.32	Yes	\$39.34	-\$1.98
1258	21-Sep-11	17	10	\$39.34	Yes	\$39.34	\$0.00
1259	21-Sep-11	17	11	\$38.25	Yes	\$39.34	\$1.09
1260	21-Sep-11	17	12	\$35.84	Yes	\$39.34	\$3.50
1261	21-Sep-11	18	1	\$40.91	Yes	\$39.34	-\$1.57
1262	21-Sep-11	18	2	\$42.87	Yes	\$39.34	-\$3.53
1263	21-Sep-11	18	3	\$42.87	Yes	\$39.34	-\$3.53
1264	21-Sep-11	18	4	\$42.04	Yes	\$39.34	-\$2.70
1265	21-Sep-11	18	5	\$40.97	Yes	\$39.34	-\$1.63
1266	21-Sep-11	18	6	\$42.54	Yes	\$39.34	-\$3.20
1267	21-Sep-11	18	7	\$39.29	Yes	\$39.34	\$0.05
1268	21-Sep-11	18	8	\$39.77	Yes	\$39.34	-\$0.43
1269	21-Sep-11	18	9	\$40.27	Yes	\$39.34	-\$0.93
1270	21-Sep-11	18	10	\$40.91	Yes	\$39.34	-\$1.57
1271	21-Sep-11	18	11	\$40.27	Yes	\$39.34	-\$0.93
1272	21-Sep-11	18	12	\$42.86	Yes	\$39.34	-\$3.52
1273	21-Sep-11	19	1	\$40.13	Yes	\$39.34	-\$0.79
1274	21-Sep-11	19	2	\$39.43	Yes	\$39.34	-\$0.09
1275	21-Sep-11	19	3	\$39.43	Yes	\$39.34	-\$0.09
1276	21-Sep-11	19	4	\$37.59	Yes	\$39.34	\$1.75
1277	21-Sep-11	19	5	\$39.13	Yes	\$39.34	\$0.21
1278	21-Sep-11	19	6	\$40.18	Yes	\$39.34	-\$0.84
1279	21-Sep-11	19	7	\$39.14	Yes	\$39.34	\$0.20
1280	21-Sep-11	19	8	\$36.17	Yes	\$39.34	\$3.17
1281	21-Sep-11	19	9	\$32.31	Yes	\$39.34	\$7.03
1282	21-Sep-11	19	10	\$33.80	Yes	\$39.34	\$5.54
1283	21-Sep-11	19	11	\$32.43	Yes	\$39.34	\$6.91
1284	21-Sep-11	19	12	\$32.30	Yes	\$39.34	\$7.04
1285	21-Sep-11	20	1	\$33.81	Yes	\$39.34	\$5.53
1286	21-Sep-11	20	2	\$33.81	Yes	\$39.34	\$5.53
1287	21-Sep-11	20	3	\$34.54	Yes	\$39.34	\$4.80
1288	21-Sep-11	20	4	\$39.04	Yes	\$39.34	\$0.30
1289	21-Sep-11	20	5	\$45.26	Yes	\$39.34	-\$5.92
1290	21-Sep-11	20	6	\$45.26	Yes	\$39.34	-\$5.92
1291	21-Sep-11	20	7	\$45.24	Yes	\$39.34	-\$5.90
1292	21-Sep-11	20	8	\$46.72	Yes	\$39.34	-\$7.38
1293	21-Sep-11	20	9	\$45.73	Yes	\$39.34	-\$6.39
1294	21-Sep-11	20	10	\$40.27	Yes	\$39.34	-\$0.93
1295	21-Sep-11	20	11	\$40.32	Yes	\$39.34	-\$0.98
1296	21-Sep-11	20	12	\$34.93	Yes	\$39.34	\$4.41
1297	21-Sep-11	21	1	\$42.01	Yes	\$39.34	-\$2.67
1298	21-Sep-11	21	2	\$42.01	Yes	\$39.34	-\$2.67
1299	21-Sep-11	21	3	\$40.26	Yes	\$39.34	-\$0.92
1300	21-Sep-11	21	4	\$40.30	Yes	\$39.34	-\$0.96
1301	21-Sep-11	21	5	\$40.27	Yes	\$39.34	-\$0.93

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Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1302	21-Sep-11	21	6	\$31.67	Yes	\$39.34	\$7.67
1303	21-Sep-11	21	7	\$31.61	Yes	\$39.34	\$7.73
1304	21-Sep-11	21	8	\$31.20	Yes	\$39.34	\$8.14
1305	21-Sep-11	21	9	\$30.50	Yes	\$39.34	\$8.84
1306	21-Sep-11	21	10	\$30.46	Yes	\$39.34	\$8.88
1307	21-Sep-11	21	11	\$29.08	Yes	\$39.34	\$10.26
1308	21-Sep-11	21	12	\$27.40	Yes	\$39.34	\$11.94
1309	21-Sep-11	22	1	\$34.18	Yes	\$39.34	\$5.16
1310	21-Sep-11	22	2	\$35.32	Yes	\$39.34	\$4.02
1311	21-Sep-11	22	3	\$31.65	Yes	\$39.34	\$7.69
1312	21-Sep-11	22	4	\$33.93	Yes	\$39.34	\$5.41
1313	21-Sep-11	22	5	\$33.70	Yes	\$39.34	\$5.64
1314	21-Sep-11	22	6	\$31.69	Yes	\$39.34	\$7.65
1315	21-Sep-11	22	7	\$31.20	Yes	\$39.34	\$8.14
1316	21-Sep-11	22	8	\$30.48	Yes	\$39.34	\$8.86
1317	21-Sep-11	22	9	\$30.74	Yes	\$39.34	\$8.60
1318	21-Sep-11	22	10	\$29.66	Yes	\$39.34	\$9.68
1319	21-Sep-11	22	11	\$29.66	Yes	\$39.34	\$9.68
1320	21-Sep-11	22	12	\$28.41	Yes	\$39.34	\$10.93
1321	21-Sep-11	23	1	\$42.42	Yes	\$39.34	-\$3.08
1322	21-Sep-11	23	2	\$42.42	Yes	\$39.34	-\$3.08
1323	21-Sep-11	23	3	\$51.06	Yes	\$39.34	-\$11.72
1324	21-Sep-11	23	4	\$45.98	Yes	\$39.34	-\$6.64
1325	21-Sep-11	23	5	\$42.36	Yes	\$39.34	-\$3.02
1326	21-Sep-11	23	6	\$41.17	Yes	\$39.34	-\$1.83
1327	21-Sep-11	23	7	\$40.49	Yes	\$39.34	-\$1.15
1328	21-Sep-11	23	8	\$31.23	Yes	\$39.34	\$8.11
1329	21-Sep-11	23	9	\$31.23	Yes	\$39.34	\$8.11
1330	21-Sep-11	23	10	\$31.23	Yes	\$39.34	\$8.11
1331	21-Sep-11	23	11	\$31.23	Yes	\$39.34	\$8.11
1332	21-Sep-11	23	12	\$31.23	Yes	\$39.34	\$8.11
1333	21-Sep-11	24	1	\$31.15	Yes	\$39.07	\$7.92
1334	21-Sep-11	24	2	\$36.66	Yes	\$39.07	\$2.41
1335	21-Sep-11	24	3	\$30.29	Yes	\$39.07	\$8.78
1336	21-Sep-11	24	4	\$34.66	Yes	\$39.07	\$4.41
1337	21-Sep-11	24	5	\$32.60	Yes	\$39.07	\$6.47
1338	21-Sep-11	24	6	\$31.24	Yes	\$39.07	\$7.83
1339	21-Sep-11	24	7	\$26.44	Yes	\$39.07	\$12.63
1340	21-Sep-11	24	8	\$30.17	Yes	\$39.07	\$8.90
1341	21-Sep-11	24	9	\$31.21	Yes	\$39.07	\$7.86
1342	21-Sep-11	24	10	\$31.14	Yes	\$39.07	\$7.93
1343	21-Sep-11	24	11	\$28.73	Yes	\$39.07	\$10.34
1344	21-Sep-11	24	12	\$25.42	Yes	\$39.07	\$13.65

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In September 2011, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELS⁸ and Delta Dispatch. Table 10 shows the costs by instruction type in September. With exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches were \$270,742. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be \$364,118. The cost saving from the exceptional dispatch bid mitigation was \$93,375.

Table 10: Bid Mitigation Analysis for September

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
NONTMOD	8	\$311,269	\$247,322	\$63,947
TMODEL5	1	\$242	\$100	\$142
TMODEL6	1	\$52,368	\$23,285	\$29,083
TMODEL7	1	\$240	\$35	\$204
Total	11	\$364,118	\$270,742	\$93,375

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 30th day of December, 2011.

Anna Pascuzzo

Anna Pascuzzo