December 30, 2010

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

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

Dear Secretary Bose:

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

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

Respectfully submitted,
/s/ Sidney M. Davies__
Nancy Saracino
  General Counsel
Sidney M. Davies
  Assistant General Counsel
California Independent System
 Operator Corporation
151 Blue Ravine Road
Folsom, CA 95630
Tel: (916) 608-7144
Fax (916) 608-7296
sdavies@casio.com

Exceptional Dispatch Report

Table 2: September 2010

ISO Market Services   December 30, 2010

TABLE OF CONTENTS

LIST OF TABLES AND FIGURES

Introduction

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

In addition, this report contains a price impact analysis as prescribed by FERC in its September 2 order. The price impact analysis for the month of September is presented in Appendix B. This report also includes the degree of mitigation analysis for September 2010 required by section 34.9.4 of the ISO tariff. As it has previously explained, the ISO indicated that it would start including the degree of mitigation analysis beginning with the month of August 2009 when the more limited Exceptional Dispatch bid mitigation took effect. This analysis will compare those Exceptional Dispatches subject to bid mitigation (i.e. Exceptional Dispatches to address noncompetitive constraints and Delta Dispatch), and determine the cost difference between the Exceptional Dispatch bid mitigation settlement rules and what the settlement amount would have been had the Exceptional Dispatches not been subject to bid mitigation. The Exceptional Dispatch bid mitigation analysis for 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 2010, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-217, South of Lugo generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-129, transmission facilities in Fresno area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-138, transmission facilities in Humboldt area; (5) T-144, transmission facilities in South of Lugo; (6) T-151, North Geysers Area 115 kV Lines; (7) T-154, Drum area; (8) T-170, Mirage-Tamarisk and Mirage-Concho 115 kV lines; and (9) other transmission outages in PG&E, SCE and SDG&E area.

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

The following additional reasons for exceptional dispatch instructions in September 2010 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of 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 please refer to sections 11.8 of the ISO tariff for further details regarding the Bid Cost Recovery process.

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

Charge codes 6470, 6470 INC, 6470 DEC, 6482 and 6488 are shown in Table 1 because all these charge code pertain to real-time exceptional dispatch MWH quantities. The classification of data is further explained by way of example in Attachment A. Please note that both Mandalay Generation Station Unit 1 and Unit 2 received exceptional dispatches in the real time market on September 27, which resulted in designations of capacity under the Interim Capacity Procurement Mechanism with an estimated payment of $77,832 for each resource. [7]

---

[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.

[7] Details of ICPM designations in the month of September are available in the report published at this link: http://www.caiso.com/2834/28348c8968300.pdf. The estimated payment assumes 100% availability.

Table 1: Exceptional Dispatches in September 2010

California Independent System Operator Corporation Exceptional Dispatch Report December 30, 2010
Chart 2: Table of Exceptional Dispatches for Period 01/September/2010 - 30/September/2010

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
1	DA	Software Limitation	PG&E	N/A	26-Sep-10	52	Yes	N/A	18	6:00	23:00	936.00	$72,063	$80,485	$0	$0		$0	$0	$0	$91,493
2	DA	Software Limitation	PG&E	N/A	27-Sep-10	52	Yes	N/A	18	6:00	23:00	936.00	$0	$0	$0	$0		$0	$0	$0	$0
3	DA	Software Limitation	SCE	LA Basin	27-Sep-10	70	Yes	N/A	12	12:00	23:00	840.00	$53,109	$35,867	$0	$0		$0	$0	$0	$0
4	RT	COI Mitigation	N/A	N/A	29-Sep-10	100-200	Yes	INC	8	15:20	22:24	729.75	$0	$0	($90,623)	$0	$0	$0	$0	$0	$0
5	RT	COI Mitigation	N/A	N/A	30-Sep-10	0	No	INC	4	18:25	21:59	(36.86)	$0	$0	$1,223	$0	$0	$0	$0	$0	$0
6	RT	Congestion Mitigation	SCE	LA Basin	3-Sep-10	130	Yes	INC	3	16:14	18:59	333.10	$18,241	$3,807	($50,269)	$67	($4,259)	$0	($1,647)	$0	$0
7	RT	Contingency	SDG&E	San Diego	27-Sep-10	60- 76	Yes	DEC	4	16:00	19:59	(246.03)	$0	$0	$19,453	(205.39)	$0	$17,071	$0	($5,915)	$0
8	RT	Contingency	SDG&E	San Diego	27-Sep-10	45	Yes	INC	1	10:10	10:59	39.86	$1,058	$0	($1,951)	0.00	$0	$0	$0	$0	$0
9	RT	Contingency	SDG&E	San Diego	29-Sep-10	10	Yes	DEC	3	16:40	18:09	(133.51)	$0	$0	$5,827	(4.11)	$0	$330	$0	($131)	$0
10	RT	Contingency	SDG&E	San Diego	29-Sep-10	30	Yes	INC	3	16:40	18:09	(30.90)	$0	$0	$1,349	0.00	$0	$0	$0	$0	$0
11	RT	Fire	SDG&E	N/A	19-Sep-10	370-384	Yes	DEC	4	12:50	15:39	(965.06)	$0	$0	$19,344	(964.36)	$0	$19,316	$0	$0	$0
12	RT	Fire	SDG&E	N/A	26-Sep-10	339-508	Yes	DEC	5	16:02	20:52	(2181.80)	$0	$0	$21,980	(2,154.80)	$0	$21,500	$0	$0	$0
13	RT	Fire	SDG&E	San Diego	26-Sep-10	75	Yes	INC	3	18:11	20:34	258.37	$25,675	$2,276	($11,804)	1.19	($55)	$0	($240)	$0	$0
14	RT	Forecast Margin Error	SCE	N/A	7-Sep-10	40	Yes	INC	13	11:00	23:59	552.67	$61,657	$25,666	($43,168)	0.00	$0	$0	$0	$0	$0
15	RT	Forecast Margin Error	SDG&E	San Diego	7-Sep-10	20	Yes	INC	13	11:00	23:59	563.68	$20,279	$10,548	($50,766)	0.00	$0	$0	$0	$0	$0
16	RT	G-217	SCE	LA Basin	14-Sep-10	25- 70	Yes	INC	24	0:00	23:59	6956.86	$131,487	$43,951	($668,604)	0.00	$0	$0	$0	$0	$0
17	RT	G-217	SCE	LA Basin	15-Sep-10	45	Yes	INC	24	0:00	23:59	3121.66	$123,984	$0	($268,346)	0.00	$0	$0	$0	$0	$0
18	RT	G-217	SCE	LA Basin	16-Sep-10	45	Yes	INC	24	0:00	23:59	2093.68	$123,984	$0	($74,233)	0.00	$0	$0	$0	$0	$0
19	RT	Intertie Emergency Assistance	N/A	N/A	5-Sep-10	90-170	No	INC	2	18:30	19:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
20	RT	Intertie Emergency Assistance	N/A	N/A	28-Sep-10	70	No	INC	1	3:46	3:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
21	RT	Market Disruption	N/A	N/A	4-Sep-10	440	Yes	INC	1	0:00	0:59	0.00	$0	$0	$0	120.00	($2,620)	$0	$0	$0	$0
22	RT	Market Disruption	N/A	N/A	15-Sep-10	50	No	INC	2	15:00	16:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
23	RT	Market Disruption	N/A	N/A	22-Sep-10	100	No	DEC	1	6:00	6:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
24	RT	Market Disruption	N/A	N/A	22-Sep-10	800	No	INC	1	6:00	6:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
25	RT	Market Disruption	N/A	N/A	25-Sep-10	50-175	No	INC	1	16:00	16:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
26	RT	Market Disruption	PG&E	N/A	4-Sep-10	5	Yes	DEC	1	14:41	14:59	(19.66)	$0	$0	$773	0.00	$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
27	RT	Pump Management	PG&E	Fresno	15-Sep-10	308	No	DEC	2	4:20	5:14	(308.00)	$0	$0	$7,686	0.00	$0	$0	$0	$0	$0
28	RT	Pump Management	PG&E	Fresno	18-Sep-10	0	No	INC	1	8:15	8:59	(25.67)	$0	$0	$726	0.00	$0	$0	$0	$0	$0
29	RT	Ramp Rate	SCE	Big Creek-Ventura	26-Sep-10	400	Yes	INC	7	14:10	20:59	2646.91	$55,856	$39,129	($175,714)	1,807.29	($115,755)	$0	$0	$0	$0	$0
30	RT	Ramp Rate	SCE	LA Basin	1-Sep-10	190-380	Yes	INC	9	13:35	21:59	4185.48	$36,496	$67,824	($213,302)	526.87	($23,753)	$0	$0	$0	$0	$0
31	RT	Ramp Rate	SCE	LA Basin	26-Sep-10	142	Yes	INC	9	12:20	20:59	4190.82	$21,953	$0	($218,087)	121.09	($5,118)	$0	$0	$0	$0	$0
32	RT	Ramp Rate	SDG&E	San Diego	1-Sep-10	131	Yes	INC	9	13:55	21:59	1251.54	$23,405	$12,941	($69,440)	552.72	($26,728)	$0	$0	$0	$0	$0
33	RT	SCE Mitigation	SCE	Big Creek-Ventura	29-Sep-10	0	No	INC	6	15:00	20:59	(187.62)	$0	$0	$8,613	0.00	$0	$0	$0	$0	$0	$0
34	RT	Software Limitation	N/A	N/A	7-Sep-10	48	No	DEC	2	15:55	16:24	(29.99)	$0	$0	$621	(18.24)	$0	$206	$0	$0	$0
35	RT	Software Limitation	N/A	N/A	27-Sep-10	75	No	DEC	2	16:00	17:59	121.00	$0	$0	($20,393)	(4.41)	$0	$4	$0	$0	$0
36	RT	Software Limitation	PG&E	Fresno	1-Sep-10	0	No	INC	24	0:00	23:59	(7.97)	$0	$0	$322	0.00	$0	$0	$0	$0	$0
37	RT	Software Limitation	PG&E	Fresno	2-Sep-10	0	No	INC	24	0:00	23:59	(7.96)	$0	$0	$346	0.00	$0	$0	$0	$0	$0
38	RT	Software Limitation	PG&E	Fresno	3-Sep-10	0	No	INC	24	0:00	23:59	(7.95)	$0	$0	$364	0.00	$0	$0	$0	$0	$0
39	RT	Software Limitation	PG&E	Fresno	4-Sep-10	0	No	INC	24	0:00	23:59	(7.95)	$0	$0	$352	0.00	$0	$0	$0	$0	$0
40	RT	Software Limitation	PG&E	Fresno	5-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
41	RT	Software Limitation	PG&E	Fresno	6-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
42	RT	Software Limitation	PG&E	Fresno	7-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
43	RT	Software Limitation	PG&E	Fresno	8-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
44	RT	Software Limitation	PG&E	Fresno	9-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
45	RT	Software Limitation	PG&E	Fresno	10-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
46	RT	Software Limitation	PG&E	Fresno	11-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
47	RT	Software Limitation	PG&E	Fresno	12-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
48	RT	Software Limitation	PG&E	Fresno	13-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
49	RT	Software Limitation	PG&E	Fresno	14-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
50	RT	Software Limitation	PG&E	Fresno	15-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
51	RT	Software Limitation	PG&E	Fresno	16-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
52	RT	Software Limitation	PG&E	Fresno	17-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
53	RT	Software Limitation	PG&E	Fresno	18-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
54	RT	Software Limitation	PG&E	Fresno	19-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
55	RT	Software Limitation	PG&E	Fresno	20-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
56	RT	Software Limitation	PG&E	Fresno	21-Sep-10	0	Yes	INC	24	0:00	23:59	6.92	$0	$0	($218)	0.00	$0	$0	$0	$0	$0
57	RT	Software Limitation	PG&E	Fresno	22-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
58	RT	Software Limitation	PG&E	Fresno	23-Sep-10	0	No	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
59	RT	Software Limitation	PG&E	Fresno	24-Sep-10	0	No	INC	24	0:00	23:59	14.76	$0	$0	($559)	0.00	$0	$0	$0	$0	$0
60	RT	Software Limitation	PG&E	Fresno	25-Sep-10	0	Yes	INC	24	0:00	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Comm itment	INC_ DEC	Hou rs	Begin Time	End Time	Total MWH	Min Load Cost	Start Up Cost	CC6470	ED MWH (INC/DEC)	CC6470 INC	CC6470 DEC	CC6482	CC6488	CC6620
61	RT	Software Limitation	PG&E	Fresno	26-Sep-10	0	No	INC	24	0:50	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
62	RT	Software Limitation	PG&E	Fresno	27-Sep-10	159	Yes	INC	24	0:00	23:59	90.20	$1,318	$190	($24,807)	0.87	($465)	$0	$0	$0	$0
63	RT	Software Limitation	PG&E	Fresno	28-Sep-10	0	Yes	INC	12	0:00	11:59	(3.98)	$0	$0	$170	0.00	$0	$0	$0	$0	$0
64	RT	Software Limitation	PG&E	Fresno	29-Sep-10	96	Yes	DEC	1	20:00	20:24	(7.40)	$0	$0	$57	(6.16)	$0	$0	$0	$0	$0
65	RT	Software Limitation	PG&E	Fresno	29-Sep-10	0	Yes	INC	24	0:00	23:59	33.79	$364	$0	($1,285)	0.00	$0	$0	$0	$0	$0
66	RT	Software Limitation	PG&E	Fresno	30-Sep-10	0	Yes	INC	24	0:00	23:59	(3.98)	$0	$0	$176	0.00	$0	$0	$0	$0	$0
67	RT	Software Limitation	PG&E	Humboldt	23-Sep-10	5	Yes	INC	1	9:15	9:59	16.04	$0	$0	($559)	0.00	$0	$0	$0	$0	$0
68	RT	Software Limitation	PG&E	N/A	3-Sep-10	0	No	INC	1	23:10	23:59	10.03	$881	$0	($363)	0.00	$0	$0	$0	$0	$0
69	RT	Software Limitation	PG&E	N/A	4-Sep-10	110	Yes	DEC	2	17:40	18:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
70	RT	Software Limitation	PG&E	N/A	4-Sep-10	192	Yes	INC	24	0:00	23:59	449.00	$12,117	$0	($10,964)	0.00	$0	$0	$0	$0	$0
71	RT	Software Limitation	PG&E	N/A	24-Sep-10	0	Yes	INC	3	21:20	23:54	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
72	RT	Software Limitation	PG&E	N/A	27-Sep-10	30	Yes	INC	3	21:00	23:59	224.00	$8,085	$0	($11,091)	0.00	$0	$0	$0	$0	$0
73	RT	Software Limitation	PG&E	N/A	29-Sep-10	30	Yes	INC	5	19:40	23:59	212.42	$11,678	$0	($8,197)	0.00	$0	$0	$0	$0	$0
74	RT	Software Limitation	PG&E	Stockton	27-Sep-10	0	Yes	INC	2	18:17	19:34	10.44	$3,200	$0	($426)	0.00	$0	$0	$0	$0	$0
75	RT	Software Limitation	SCE	Big Creek-Ventura	21-Sep-10	0	No	INC	1	23:15	23:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
76	RT	Software Limitation	SCE	Big Creek-Ventura	22-Sep-10	0	No	INC	24	0:00	23:14	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
77	RT	Software Limitation	SCE	Big Creek-Ventura	23-Sep-10	0	Yes	INC	1	1:30	1:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
78	RT	Software Limitation	SCE	Big Creek-Ventura	27-Sep-10	50-138	Yes	INC	9	15:00	23:59	1257.17	$42,909	$208	($160,262)	0.76	($453)	$0	$0	$0	$0
79	RT	Software Limitation	SCE	Big Creek-Ventura	29-Sep-10	120	Yes	INC	3	13:20	15:29	49.37	$411	$104	($2,899)	0.00	$0	$0	$0	$0	$0
80	RT	Software Limitation	SCE	LA Basin	1-Sep-10	91	No	DEC	16	8:00	23:59	(1448.42)	$0	$0	$0	(1448.42)	$0	$0	$0	$0	$0
81	RT	Software Limitation	SCE	LA Basin	1-Sep-10	10- 20	Yes	INC	22	2:00	23:59	428.80	$22,130	$0	($13,014)	0.00	$0	$0	$0	$0	$0
82	RT	Software Limitation	SCE	LA Basin	2-Sep-10	50	Yes	INC	24	0:00	23:59	959.28	$22,222	$0	($36,367)	0.00	$0	$0	$0	$0	$0
83	RT	Software Limitation	SCE	LA Basin	3-Sep-10	70-498	No	DEC	24	0:00	23:59	(3848.31)	$0	$0	$111,095	(3448.89)	$0	$96,724	$0	$0	$0
84	RT	Software Limitation	SCE	LA Basin	3-Sep-10	30- 50	No	INC	24	0:00	23:59	1928.59	$51,147	$3	($139,505)	0.00	$0	$0	$0	$0	$0
85	RT	Software Limitation	SCE	LA Basin	5-Sep-10	118	No	DEC	4	16:20	19:59	(154.34)	$0	$0	$5,309	0.00	$0	$0	$0	$0	$0
86	RT	Software Limitation	SCE	LA Basin	8-Sep-10	159-227	No	DEC	17	7:00	23:59	(3774.44)	$0	$0	$62,069	(1546.85)	$0	$0	$0	$0	$0
87	RT	Software Limitation	SCE	LA Basin	8-Sep-10	0	No	INC	15	0:02	14:24	1.25	$0	$0	($48)	0.00	$0	$0	$0	$0	$0
88	RT	Software Limitation	SCE	LA Basin	14-Sep-10	0	Yes	INC	1	23:00	23:44	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
89	RT	Software Limitation	SCE	LA Basin	25-Sep-10	25	Yes	INC	6	18:00	23:59	510.71	$15,198	$0	($23,683)	0.00	$0	$0	$0	$0	$0
90	RT	Software Limitation	SCE	LA Basin	26-Sep-10	0	Yes	INC	2	19:45	20:14	1.28	$169	$6	($56)	0.00	$0	$0	$0	$0	$0
91	RT	Software Limitation	SCE	LA Basin	27-Sep-10	70-120	Yes	INC	9	15:00	23:59	1318.35	$17,840	$60	($81,935)	0.00	$0	$0	$0	$0	$0
92	RT	Software Limitation	SCE	LA Basin	28-Sep-10	20-	Yes	INC	24	0:00	23:59	1557.01	$86,018	$0	($60,934)	0.00	$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
						120															
93	RT	Software Limitation	SCE	LA Basin	29-Sep-10	120	Yes	INC	11	13:20	23:59	577.04	$29,866	$217	($25,016)	0.00	$0	$0	$0	$0	$0
94	RT	Software Limitation	SCE	LA Basin	30-Sep-10	0	No	INC	3	8:00	10:49	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
95	RT	Software Limitation	SDG&E	San Diego	3-Sep-10	20- 40	No	INC	3	21:00	23:59	106.26	$5,617	$0	($3,419)	0.00	$0	$0	$0	$0	$0
96	RT	Software Limitation	SDG&E	San Diego	25-Sep-10	0	Yes	INC	2	21:35	22:19	1.18	$0	$0	($45)	0.00	$0	$0	$0	$0	$0
97	RT	Software Limitation	SDG&E	San Diego	26-Sep-10	20	Yes	INC	1	4:29	4:59	23.56	$785	$0	($105)	0.00	$0	$0	$0	$0	$0
98	RT	Software Limitation	SDG&E	San Diego	27-Sep-10	20- 88	Yes	INC	9	15:00	23:59	129.73	$952	$61	($21,255)	0.66	($353)	$0	$0	$0	$0
99	RT	Software Limitation	SDG&E	San Diego	28-Sep-10	20	Yes	INC	4	20:00	23:59	113.22	$4,710	$0	($4,463)	0.00	$0	$0	$0	$0	$0
100	RT	Software Limitation	SDG&E	San Diego	29-Sep-10	0	Yes	INC	23	1:40	23:59	13.56	$0	$0	($512)	0.00	$0	$0	$0	$0	$0
101	RT	Software Limitation	SDG&E	San Diego	30-Sep-10	0	Yes	INC	14	0:00	13:29	0.00	$280	$26	$0	0.00	$0	$0	$0	$0	$0
102	RT	System Energy	N/A	N/A	3-Sep-10	0	No	INC	1	17:00	17:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
103	RT	System Reliability	PG&E	Fresno	27-Sep-10	300-517	No	INC	2	14:55	15:17	260.00	$0	$0	($33,959)	96.43	($15,523)	$0	($223)	$0	$0
104	RT	T-103	SCE	LA Basin	4-Sep-10	45	Yes	INC	24	0:00	23:59	4480.21	$122,850	$0	($178,648)	0.00	$0	$0	$0	$0	$0
105	RT	T-103	SCE	LA Basin	5-Sep-10	45- 65	Yes	INC	24	0:00	23:59	4539.64	$180,189	$0	($155,843)	0.00	$0	$0	$0	$0	$0
106	RT	T-103	SCE	LA Basin	6-Sep-10	45	Yes	INC	24	0:00	23:59	3209.46	$122,850	$0	($122,933)	0.00	$0	$0	$0	$0	$0
107	RT	T-103	SCE	LA Basin	7-Sep-10	45	Yes	INC	24	0:00	23:59	3026.53	$123,144	$0	($164,688)	0.00	$0	$0	$0	$0	$0
108	RT	T-103	SCE	LA Basin	13-Sep-10	45	Yes	INC	16	8:00	23:59	6642.10	$80,416	$93,807	($426,868)	0.00	$0	$0	$0	$0	$0
109	RT	T-103	SCE	LA Basin	30-Sep-10	60- 80	Yes	INC	24	0:00	23:59	4196.64	$178,600	$0	($164,584)	0.00	$0	$0	$0	$0	$0
110	RT	T-129	PG&E	Fresno	7-Sep-10	35- 40	Yes	INC	1	23:35	23:59	27.08	$0	$0	($834)	0.00	$0	$0	$0	$0	$0
111	RT	T-129	PG&E	Fresno	8-Sep-10	2	Yes	DEC	4	6:20	9:54	(0.31)	$0	$0	$4	(3.47)	$0	$119	$0	$0	$0
112	RT	T-129	PG&E	Fresno	8-Sep-10	2- 78	Yes	INC	5	5:25	9:59	200.02	$0	$0	($6,176)	0.00	$0	$0	$0	$0	$0
113	RT	T-129	PG&E	Fresno	9-Sep-10	2- 5	No	DEC	16	5:25	20:09	(44.93)	$0	$0	$1,143	(44.22)	$0	$1,123	$0	$0	$0
114	RT	T-129	PG&E	Fresno	9-Sep-10	5	No	INC	1	20:10	20:59	(0.05)	$0	$0	$1	0.00	$0	$0	$0	$0	$0
115	RT	T-132	SDG&E	N/A	2-Sep-10	35-115	No	DEC	7	12:35	18:59	(644.39)	$0	$0	$14,236	(555.58)	$0	$12,940	$0	$0	$0
116	RT	T-132	SDG&E	N/A	3-Sep-10	50-115	No	DEC	5	14:30	18:39	(379.20)	$0	$0	$9,702	(379.20)	$0	$9,702	$0	$0	$0
117	RT	T-132	SDG&E	N/A	4-Sep-10	30- 65	No	DEC	6	13:20	18:59	(229.32)	$0	$0	$5,197	(218.78)	$0	$4,901	$0	$0	$0
118	RT	T-132	SDG&E	N/A	5-Sep-10	50-120	No	DEC	6	13:40	18:59	(505.91)	$0	$0	$13,092	(503.73)	$0	$13,015	$0	$0	$0
119	RT	T-132	SDG&E	N/A	6-Sep-10	80- 86	Yes	DEC	4	15:25	18:19	(235.45)	$0	$0	$5,645	(234.58)	$0	$5,611	$0	$0	$0
120	RT	T-138	PG&E	Humboldt	7-Sep-10	5- 15	No	INC	2	20:10	21:59	8.96	$0	$0	($264)	8.54	($249)	$0	$0	($320)	$0
121	RT	T-138	PG&E	Humboldt	8-Sep-10	5	No	DEC	2	22:15	23:04	(3.75)	$0	$0	$105	(3.65)	$0	$102	$0	($102)	$0
122	RT	T-144	SCE	LA Basin	14-Sep-10	100	Yes	INC	3	15:00	17:59	324.79	$5,883	$0	($32,141)	124.22	($5,693)	$0	$0	($646)	$0
123	RT	T-151	PG&E	NCNB	1-Sep-10	10- 24	No	DEC	10	12:15	21:59	(183.12)	$0	$0	$8,961	(171.07)	$0	$8,411	$0	($5,664)	$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
124	RT	T-151	PG&E	NCNB	1-Sep-10	0	No	INC	1	15:40	15:49	(1.55)	$0	$0	$58	(1.55)	$0	$58	$0	($1)	$0
125	RT	T-151	PG&E	NCNB	2-Sep-10	10- 20	No	DEC	7	14:00	20:59	(124.64)	$0	$0	$13,428	(122.97)	$0	$13,344	$0	($12,691)	$0
126	RT	T-151	PG&E	NCNB	6-Sep-10	9	No	DEC	6	14:04	19:24	(47.23)	$0	$0	$1,885	(46.32)	$0	$1,850	$0	($1,732)	$0
127	RT	T-151	PG&E	NCNB	7-Sep-10	14- 21	No	DEC	11	11:25	21:59	(200.20)	$0	$0	$10,836	(196.91)	$0	$10,671	$0	($10,503)	$0
128	RT	T-151	PG&E	NCNB	7-Sep-10	1	No	INC	11	11:45	21:59	0.00	$0	$0	($0)	0.00	$0	$0	$0	$0	$0
129	RT	T-151	PG&E	NCNB	8-Sep-10	19	No	DEC	8	10:28	17:59	(120.29)	$0	$0	$2,832	(118.44)	$0	$2,778	$0	($2,667)	$0
130	RT	T-151	PG&E	NCNB	8-Sep-10	1	No	INC	8	10:28	17:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
131	RT	T-151	PG&E	NCNB	10-Sep-10	5	No	DEC	6	14:35	19:59	(27.03)	$0	$0	$881	(26.98)	$0	$880	$0	($790)	$0
132	RT	T-151	PG&E	NCNB	20-Sep-10	5- 33	No	DEC	6	14:55	19:59	(66.93)	$0	$0	$2,562	(64.10)	$0	$2,448	$0	($2,116)	$0
133	RT	T-151	PG&E	NCNB	20-Sep-10	2	No	INC	1	19:25	19:59	(0.25)	$0	$0	$10	0.00	$0	$0	$0	$0	$0
134	RT	T-151	PG&E	NCNB	22-Sep-10	10	No	DEC	4	14:05	17:44	(37.40)	$0	$0	$1,093	(36.56)	$0	$1,071	$0	($1,045)	$0
135	RT	T-151	PG&E	NCNB	23-Sep-10	20- 21	No	DEC	7	15:32	21:59	(130.22)	$0	$0	$5,084	(130.17)	$0	$5,082	$0	($5,001)	$0
136	RT	T-151	PG&E	NCNB	24-Sep-10	2- 40	No	DEC	11	11:40	21:39	(273.27)	$0	$0	$12,199	(270.15)	$0	$12,067	$0	($11,629)	$0
137	RT	T-151	PG&E	NCNB	24-Sep-10	10	No	INC	4	18:55	21:59	(0.90)	$0	$0	$33	0.00	$0	$0	$0	$0	$0
138	RT	T-151	PG&E	NCNB	25-Sep-10	9- 24	No	DEC	6	14:40	19:59	(82.36)	$0	$0	$9,014	(80.41)	$0	$8,924	$0	($8,464)	$0
139	RT	T-151	PG&E	NCNB	25-Sep-10	3	No	INC	1	19:55	19:59	(0.20)	$0	$0	$7	0.00	$0	$0	$0	$0	$0
140	RT	T-151	PG&E	NCNB	26-Sep-10	10- 20	No	DEC	6	14:49	19:39	(99.43)	$0	$0	$5,216	(94.29)	$0	$4,989	$0	($4,720)	$0
141	RT	T-151	PG&E	NCNB	27-Sep-10	10- 24	No	DEC	5	14:55	18:59	(87.98)	$0	$0	$16,153	(87.88)	$0	$16,148	$0	($15,691)	$0
142	RT	T-154	PG&E	Sierra	2-Sep-10	10	Yes	DEC	5	15:11	19:59	(47.94)	$0	$0	$5,448	(47.94)	$0	$5,448	$0	($5,410)	$0
143	RT	T-154	PG&E	Sierra	3-Sep-10	8- 13	No	DEC	4	15:00	18:59	(40.28)	$0	$0	$4,632	(28.23)	$0	$3,109	$0	($3,109)	$0
144	RT	T-170	N/A	N/A	3-Sep-10	26-126	No	DEC	3	15:03	17:19	(205.57)	$0	$0	$18,511	(133.97)	$0	$16,554	$0	($12,856)	$0
145	RT	Thermal Margin	N/A	N/A	27-Sep-10	136	Yes	INC	1	18:00	18:59	146.41	$0	$0	($35,371)	0.00	$0	$0	$0	$0	$0
146	RT	Thermal Margin	PG&E	N/A	27-Sep-10	30	Yes	INC	2	11:00	12:59	178.15	$5,390	$0	($8,134)	0.00	$0	$0	$0	$0	$0
147	RT	Thermal Margin	PG&E	N/A	30-Sep-10	30	Yes	INC	24	0:00	23:59	1210.98	$64,680	$0	($44,134)	0.00	$0	$0	$0	$0	$0
148	RT	Thermal Margin	SCE	Big Creek-Ventura	26-Sep-10	50	Yes	INC	11	13:30	23:59	3085.97	$85,828	$60,125	($200,097)	1807.29	($115,755)	$0	$0	$0	$0
149	RT	Thermal Margin	SCE	Big Creek-Ventura	27-Sep-10	40-140	Yes	INC	15	9:00	23:59	3411.82	$206,350	$99,425	($396,602)	0.00	$0	$0	$0	$0	$0
150	RT	Thermal Margin	SCE	Big Creek-Ventura	28-Sep-10	50-190	Yes	INC	24	0:00	23:59	2915.42	$264,201	$7,872	($116,979)	0.00	$0	$0	$0	$0	$0
151	RT	Thermal Margin	SCE	LA Basin	1-Sep-10	20- 40	Yes	INC	12	12:00	23:59	4916.65	$49,534	$92,265	($236,368)	526.87	($23,753)	$0	$0	$0	$0
152	RT	Thermal Margin	SCE	LA Basin	3-Sep-10	20- 45	No	INC	24	0:00	23:59	4655.60	$98,793	$43,951	($401,303)	0.00	$0	$0	$0	$0	$0
153	RT	Thermal Margin	SCE	LA Basin	13-Sep-10	10	Yes	INC	15	9:00	23:59	1042.42	$29,415	$12,456	($83,026)	0.00	$0	$0	$0	$0	$0
154	RT	Thermal Margin	SCE	LA Basin	24-Sep-10	25	Yes	INC	17	7:00	23:59	1744.48	$45,441	$22,642	($79,177)	0.00	$0	$0	$0	$0	$0
155	RT	Thermal Margin	SCE	LA Basin	26-Sep-10	25	Yes	INC	24	0:00	23:59	2388.20	$60,792	$0	($111,46	86.57	($3,697)	$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
156	RT	Thermal Margin	SCE	LA Basin	27-Sep-10	10- 80	Yes	INC	24	0:00	23:59	2722.64	$98,834	$12,456	($226,231)	0.00	$0	$0	$0	$0	$0
157	RT	Thermal Margin	SCE	LA Basin	28-Sep-10	10	Yes	INC	24	0:00	23:59	1374.24	$9,180	$0	($58,110)	0.00	$0	$0	$0	$0	$0
158	RT	Thermal Margin	SCE	N/A	4-Sep-10	40	Yes	INC	24	0:00	23:59	961.02	$114,507	$0	($27,211)	0.00	$0	$0	$0	$0	$0
159	RT	Thermal Margin	SCE	N/A	27-Sep-10	40	Yes	INC	15	9:00	23:59	1219.51	$71,267	$25,666	($159,811)	0.00	$0	$0	$0	$0	$0
160	RT	Thermal Margin	SCE	N/A	28-Sep-10	40	Yes	INC	10	10:00	19:59	451.41	$37,635	$9,307	($18,216)	0.00	$0	$0	$0	$0	$0
161	RT	Thermal Margin	SDG&E	San Diego	1-Sep-10	20- 40	Yes	INC	17	7:00	23:59	1648.76	$47,238	$26,103	($81,644)	552.72	($26,728)	$0	$0	$0	$0
162	RT	Thermal Margin	SDG&E	San Diego	26-Sep-10	20	Yes	INC	24	0:00	23:59	1371.79	$28,259	$0	($57,845)	0.00	$0	$0	$0	$0	$0
163	RT	Thermal Margin	SDG&E	San Diego	27-Sep-10	20- 40	Yes	INC	13	0:00	12:59	722.06	$27,339	$0	($24,455)	0.00	$0	$0	$0	$0	$0
164	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Sep-10	20- 141	Yes	INC	3	12:25	14:59	177.10	$4,630	$2,085	($8,502)	112.75	($5,252)	$0	$0	($573)	$0
165	RT	Transmission Outage PG&E	PG&E	N/A	5-Sep-10	140	Yes	INC	24	0:00	23:59	1667.24	$57,044	$0	($32,537)	0.00	$0	$0	$0	$0	$0
166	RT	Transmission Outage PG&E	SCE	Big Creek-Ventura	27-Sep-10	243- 340	Yes	INC	4	14:57	17:59	947.66	$0	$0	($170,353)	586.15	($41,981)	$0	($18,817)	$0	$0
167	RT	Transmission Outage SCE	N/A	N/A	15-Sep-10	360	No	INC	1	5:00	5:59	517.59	$0	$0	($10,631)	310.00	($6,729)	$0	$0	$0	$0
168	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	30-Sep-10	13- 33	No	DEC	3	19:15	21:59	(18.33)	$0	$0	$688	0.00	$0	$0	$0	$0	$0
169	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	30-Sep-10	13- 86	No	INC	5	17:35	21:09	169.85	$0	$0	($6,891)	0.00	$0	$0	$0	$0	$0
170	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-10	20	Yes	INC	17	7:00	23:59	729.07	$35,649	$0	($24,409)	0.00	$0	$0	$0	$0	$0
171	RT	Transmission Outage SCE	SCE	LA Basin	17-Sep-10	20- 40	Yes	INC	17	7:00	23:59	521.36	$44,739	$29,680	($17,986)	0.00	$0	$0	$0	$0	$0
172	RT	Transmission Outage SCE	SCE	LA Basin	20-Sep-10	20	Yes	INC	1	7:00	7:59	19.17	$2,097	$0	($610)	0.00	$0	$0	$0	$0	$0
173	RT	Transmission Outage SCE	SCE	LA Basin	22-Sep-10	20	Yes	INC	17	7:00	23:59	460.65	$37,638	$0	($14,850)	0.00	$0	$0	$0	$0	$0
174	RT	Transmission Outage SCE	SDG&E	San Diego	3-Sep-10	46- 538	No	DEC	2	8:15	9:49	(312.86)	$0	$0	$9,290	(237.89)	$0	$7,210	$0	($2,518)	$0
175	RT	Transmission Outage SDG&E	SDG&E	San Diego	11-Sep-10	45	Yes	INC	11	9:26	19:59	493.89	$20,026	$195	($25,837)	0.00	$0	$0	$0	$0	$0
176	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Sep-10	45	Yes	INC	7	9:48	15:29	254.87	$10,884	$151	($8,768)	0.00	$0	$0	$0	$0	$0
177	RT	Transmission Outage SDG&E	SDG&E	San Diego	14-Sep-10	15- 75	Yes	INC	11	8:50	18:59	277.62	$14,632	$1,194	($41,500)	81.82	($4,181)	$0	$0	($3,174)	$0
178	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Sep-10	14- 30	Yes	INC	11	7:58	17:44	103.56	$6,985	$305	($3,207)	29.91	($966)	$0	$0	($1,512)	$0
179	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Sep-10	45	Yes	INC	11	8:25	18:29	354.34	$13,038	$610	($13,132)	204.80	($7,717)	$0	$0	($10,591)	$0
180	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Sep-10	30	Yes	INC	8	10:50	17:19	147.04	$8,848	$683	($5,316)	49.59	($1,872)	$0	$0	($2,378)	$0
181	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Sep-10	5	Yes	DEC	2	15:55	16:39	(4.58)	$0	$0	$2,184	(3.70)	$0	$1,769	$0	($1,591)	$0
182	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Sep-10	18- 59	Yes	INC	12	7:43	18:59	437.36	$16,321	$644	($17,544)	260.50	($10,470)	$0	$0	($12,024)	$0
183	RT	Unit Testing	N/A	N/A	23-Sep-10	26- 49	Yes	INC	2	8:00	9:59	83.37	$0	$0	($3,592)	48.00	($2,088)	$0	$0	$0	$0
184	RT	Unit Testing	N/A	N/A	24-Sep-10	16- 60	Yes	INC	13	7:30	19:59	271.27	$0	$0	($10,507)	62.33	($2,721)	$0	$0	$0	$0
185	RT	Unit Testing	N/A	N/A	25-Sep-10	0- 86	Yes	DEC	9	10:40	18:59	(258.50)	$0	$0	$8,829	(246.12)	$0	$7,222	$0	$0	$0
186	RT	Unit Testing	N/A	N/A	25-Sep-10	16- 61	Yes	INC	8	8:30	15:59	88.92	$0	$0	($11,800)	18.36	($2,701)	$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
187	RT	Unit Testing	N/A	N/A	26-Sep-10	24- 60	Yes	INC	12	5:10	16:59	291.50	$0	$0	($9,295)	62.28	($2,926)	$0	$0	$0	$0
188	RT	Unit Testing	N/A	N/A	28-Sep-10	146	Yes	INC	5	19:20	23:34	506.61	$5,784	$1,100	($20,522)	152.27	($6,439)	$0	$0	$0	$0
189	RT	Unit Testing	N/A	N/A	29-Sep-10	160	Yes	INC	4	15:30	18:59	515.46	$0	$0	($83,506)	0.00	$0	$0	$0	$0	$0
190	RT	Unit Testing	PG&E	Fresno	29-Sep-10	35	No	INC	2	11:20	12:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
191	RT	Unit Testing	SCE	Big Creek-Ventura	21-Sep-10	200	No	INC	1	13:55	13:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
192	RT	Unit Testing	SCE	Big Creek-Ventura	22-Sep-10	130	Yes	INC	3	14:00	16:29	245.98	$3,701	$415	($21,297)	220.48	($20,505)	$0	$0	$0	$0
193	RT	Unit Testing	SCE	Big Creek-Ventura	23-Sep-10	54	Yes	INC	1	13:15	13:59	26.95	$1,825	$0	($1,010)	0.00	$0	$0	$0	$0	$0
194	RT	Unit Testing	SCE	Big Creek-Ventura	24-Sep-10	10	No	INC	1	10:45	10:59	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
195	RT	Unit Testing	SCE	LA Basin	25-Sep-10	130-200	Yes	INC	7	11:20	17:59	852.83	$0	$0	($118,381)	300.06	($13,789)	$0	$0	$0	$0
196	RT	Unit Testing	SCE	LA Basin	26-Sep-10	30	No	INC	5	13:30	17:29	0.00	$0	$0	$0	0.00	$0	$0	$0	$0	$0
197	RT	Unit Testing	SCE	N/A	28-Sep-10	120	Yes	INC	2	15:40	16:09	49.47	$2,402	$582	($2,133)	0.00	$0	$0	$0	$0	$0

Appendix A: Explanation by Example

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

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its Pmin of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load. Table 2 below also shows the commitment costs and the total volume (MWh) of exceptional dispatch instruction for each resource. The minimum load costs and start up costs shown in Table 2 are the eligible minimum load and start up costs which are different from the bid-in minimum load and start up costs[8]. Only those quantities which are relevant to pre-day-ahead unit commitments are shown in this table.

Table 2: Instructions Prior to Day-Ahead Market

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

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

Table 3: FERC Summary of Instructions Prior to DAM

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

---

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

Example 2: Incremental Exceptional Dispatch Instructions in RTM

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

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

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

Table 4: Incremental Exceptional Dispatch Instructions in RTM

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

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

Table 5: FERC Summary of ED Instructions in RTM

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

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

Example 3: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

Appendix B: Price Impact Analysis

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

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

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

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

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

Table 8 shows the price impact analysis information for node A, which is located in the SCE area. This table shows all the five minute intervals in which the resource at PNode A was issued an exceptional dispatch instruction. Out of the 8,640 five-minute intervals in September, this resource was issued exceptional dispatch instructions in 592 five-minute intervals. It was eligible to set the LMP in all the 592 intervals. Out of the 592 intervals, resource calculated LMP was larger than the market LMP in 554 intervals. In the 554 intervals, the average increase in five minute LMP was $23.06/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 $23.06/MWh. Note that 554 five minute intervals are approximately 6.41 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 SDG&E area. This table shows all the five minute intervals in which the resource at PNode B was issued an exceptional dispatch instruction. Out of the 8,640 five minute intervals, this resource was issued an exceptional dispatch instruction in 352 five minute intervals. This resource was eligible to set the LMP in all the 352 intervals. Out of the 352 intervals, resource calculated LMP was larger than the market LMP in 312 intervals. In the 312 intervals, the average increase in five minute LMP was $6.68/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 $6.68/MWh. The 312 five minute intervals account for approximately 3.61 percent of the total 8,640 five minute intervals.

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	26-Sep-10	14	7	$42.14	Yes	$69.29	$27.15
2	26-Sep-10	14	8	$42.21	Yes	$69.29	$27.08
3	26-Sep-10	14	9	$42.78	Yes	$69.29	$26.51
4	26-Sep-10	14	10	$43.24	Yes	$69.29	$26.05
5	26-Sep-10	14	11	$43.37	Yes	$69.29	$25.92
6	26-Sep-10	14	12	$42.85	Yes	$69.29	$26.44
7	26-Sep-10	15	1	$42.39	Yes	$69.29	$26.90
8	26-Sep-10	15	2	$41.41	Yes	$69.29	$27.88
9	26-Sep-10	15	3	$41.41	Yes	$81.83	$40.42
10	26-Sep-10	15	3	$41.41	Yes	$69.29	$27.88
11	26-Sep-10	15	4	$41.28	Yes	$69.29	$28.01
12	26-Sep-10	15	4	$41.28	Yes	$81.83	$40.55
13	26-Sep-10	15	5	$41.58	Yes	$69.29	$27.71
14	26-Sep-10	15	5	$41.58	Yes	$81.83	$40.25
15	26-Sep-10	15	6	$42.44	Yes	$69.29	$26.85
16	26-Sep-10	15	6	$42.44	Yes	$81.83	$39.39
17	26-Sep-10	15	7	$42.66	Yes	$81.83	$39.17
18	26-Sep-10	15	7	$42.66	Yes	$69.29	$26.63
19	26-Sep-10	15	8	$42.71	Yes	$81.83	$39.12
20	26-Sep-10	15	8	$42.71	Yes	$69.29	$26.58
21	26-Sep-10	15	9	$42.93	Yes	$81.83	$38.90
22	26-Sep-10	15	9	$42.93	Yes	$69.29	$26.36
23	26-Sep-10	15	10	$43.14	Yes	$69.29	$26.15
24	26-Sep-10	15	10	$43.14	Yes	$81.83	$38.69
25	26-Sep-10	15	11	$43.14	Yes	$81.83	$38.69
26	26-Sep-10	15	11	$43.14	Yes	$69.29	$26.15
27	26-Sep-10	15	12	$43.92	Yes	$69.29	$25.37
28	26-Sep-10	15	12	$43.92	Yes	$81.83	$37.91
29	26-Sep-10	16	1	$43.06	Yes	$81.83	$38.77
30	26-Sep-10	16	1	$43.06	Yes	$69.29	$26.23
31	26-Sep-10	16	2	$43.06	Yes	$81.83	$38.77
32	26-Sep-10	16	2	$43.06	Yes	$69.29	$26.23
33	26-Sep-10	16	3	$43.14	Yes	$69.29	$26.15
34	26-Sep-10	16	3	$43.14	Yes	$81.83	$38.69
35	26-Sep-10	16	4	$43.06	Yes	$69.29	$26.23
36	26-Sep-10	16	4	$43.06	Yes	$81.83	$38.77
37	26-Sep-10	16	5	$43.15	Yes	$69.29	$26.14
38	26-Sep-10	16	5	$43.15	Yes	$81.83	$38.68
39	26-Sep-10	16	6	$43.99	Yes	$81.83	$37.84
40	26-Sep-10	16	6	$43.99	Yes	$69.29	$25.30
41	26-Sep-10	16	7	$44.02	Yes	$81.83	$37.81
42	26-Sep-10	16	7	$44.02	Yes	$69.29	$25.27
43	26-Sep-10	16	8	$44.69	Yes	$69.29	$24.60

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
44	26-Sep-10	16	8	$44.69	Yes	$81.83	$37.14
45	26-Sep-10	16	9	$46.25	Yes	$69.29	$23.04
46	26-Sep-10	16	9	$46.25	Yes	$81.83	$35.58
47	26-Sep-10	16	10	$46.29	Yes	$81.83	$35.54
48	26-Sep-10	16	10	$46.29	Yes	$69.29	$23.00
49	26-Sep-10	16	11	$47.27	Yes	$81.83	$34.56
50	26-Sep-10	16	11	$47.27	Yes	$69.29	$22.02
51	26-Sep-10	16	12	$47.27	Yes	$69.29	$22.02
52	26-Sep-10	16	12	$47.27	Yes	$81.83	$34.56
53	26-Sep-10	17	1	$48.60	Yes	$81.83	$33.23
54	26-Sep-10	17	1	$48.60	Yes	$69.29	$20.69
55	26-Sep-10	17	2	$52.51	Yes	$69.29	$16.78
56	26-Sep-10	17	2	$52.51	Yes	$81.83	$29.32
57	26-Sep-10	17	3	$63.45	Yes	$81.83	$18.38
58	26-Sep-10	17	3	$63.45	Yes	$69.29	$5.84
59	26-Sep-10	17	4	$78.33	Yes	$81.83	$3.50
60	26-Sep-10	17	4	$78.33	Yes	$69.29	-$9.04
61	26-Sep-10	17	5	$81.09	Yes	$81.83	$0.74
62	26-Sep-10	17	5	$81.09	Yes	$69.29	-$11.80
63	26-Sep-10	17	6	$83.59	Yes	$81.83	-$1.76
64	26-Sep-10	17	6	$83.59	Yes	$69.29	-$14.30
65	26-Sep-10	17	7	$130.01	Yes	$81.83	-$48.18
66	26-Sep-10	17	7	$130.01	Yes	$69.29	-$60.72
67	26-Sep-10	17	8	$115.24	Yes	$69.29	-$45.95
68	26-Sep-10	17	8	$115.24	Yes	$81.83	-$33.41
69	26-Sep-10	17	9	$91.78	Yes	$69.29	-$22.49
70	26-Sep-10	17	9	$91.78	Yes	$81.83	-$9.95
71	26-Sep-10	17	10	$83.78	Yes	$81.83	-$1.95
72	26-Sep-10	17	10	$83.78	Yes	$69.29	-$14.49
73	26-Sep-10	17	11	$84.97	Yes	$69.29	-$15.68
74	26-Sep-10	17	11	$84.97	Yes	$81.83	-$3.14
75	26-Sep-10	17	12	$78.78	Yes	$81.83	$3.05
76	26-Sep-10	17	12	$78.78	Yes	$69.29	-$9.49
77	26-Sep-10	18	1	$63.24	Yes	$81.83	$18.59
78	26-Sep-10	18	1	$63.24	Yes	$69.29	$6.05
79	26-Sep-10	18	2	$74.35	Yes	$69.29	-$5.06
80	26-Sep-10	18	2	$74.35	Yes	$81.83	$7.48
81	26-Sep-10	18	3	$52.38	Yes	$69.29	$16.91
82	26-Sep-10	18	3	$52.38	Yes	$81.83	$29.45
83	26-Sep-10	18	4	$48.74	Yes	$81.83	$33.09
84	26-Sep-10	18	4	$48.74	Yes	$69.29	$20.55
85	26-Sep-10	18	5	$48.29	Yes	$69.29	$21.00
86	26-Sep-10	18	5	$48.29	Yes	$81.83	$33.54
87	26-Sep-10	18	6	$48.29	Yes	$81.83	$33.54
88	26-Sep-10	18	6	$48.29	Yes	$69.29	$21.00

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
89	26-Sep-10	18	7	$48.73	Yes	$81.83	$33.10
90	26-Sep-10	18	7	$48.73	Yes	$69.29	$20.56
91	26-Sep-10	18	8	$52.56	Yes	$69.29	$16.73
92	26-Sep-10	18	8	$52.56	Yes	$81.83	$29.27
93	26-Sep-10	18	9	$55.16	Yes	$69.29	$14.13
94	26-Sep-10	18	9	$55.16	Yes	$81.83	$26.67
95	26-Sep-10	18	10	$48.97	Yes	$81.83	$32.86
96	26-Sep-10	18	10	$48.97	Yes	$69.29	$20.32
97	26-Sep-10	18	11	$48.97	Yes	$81.83	$32.86
98	26-Sep-10	18	11	$48.97	Yes	$69.29	$20.32
99	26-Sep-10	18	12	$48.53	Yes	$81.83	$33.30
100	26-Sep-10	18	12	$48.53	Yes	$69.29	$20.76
101	26-Sep-10	19	1	$49.09	Yes	$69.29	$20.20
102	26-Sep-10	19	1	$49.09	Yes	$81.83	$32.74
103	26-Sep-10	19	2	$48.64	Yes	$69.29	$20.65
104	26-Sep-10	19	2	$48.64	Yes	$81.83	$33.19
105	26-Sep-10	19	3	$46.57	Yes	$81.83	$35.26
106	26-Sep-10	19	3	$46.57	Yes	$69.29	$22.72
107	26-Sep-10	19	4	$43.21	Yes	$81.83	$38.62
108	26-Sep-10	19	4	$43.21	Yes	$69.29	$26.08
109	26-Sep-10	19	5	$44.70	Yes	$81.83	$37.13
110	26-Sep-10	19	5	$44.70	Yes	$69.29	$24.59
111	26-Sep-10	19	6	$44.70	Yes	$69.29	$24.59
112	26-Sep-10	19	6	$44.70	Yes	$81.83	$37.13
113	26-Sep-10	19	7	$45.04	Yes	$81.83	$36.79
114	26-Sep-10	19	7	$45.04	Yes	$69.29	$24.25
115	26-Sep-10	19	8	$42.95	Yes	$69.29	$26.34
116	26-Sep-10	19	8	$42.95	Yes	$81.83	$38.88
117	26-Sep-10	19	9	$43.98	Yes	$81.83	$37.85
118	26-Sep-10	19	9	$43.98	Yes	$69.29	$25.31
119	26-Sep-10	19	10	$44.29	Yes	$81.83	$37.54
120	26-Sep-10	19	10	$44.29	Yes	$69.29	$25.00
121	26-Sep-10	19	11	$44.29	Yes	$69.29	$25.00
122	26-Sep-10	19	11	$44.29	Yes	$81.83	$37.54
123	26-Sep-10	19	12	$47.43	Yes	$69.29	$21.86
124	26-Sep-10	19	12	$47.43	Yes	$81.83	$34.40
125	26-Sep-10	20	1	$47.58	Yes	$81.83	$34.25
126	26-Sep-10	20	1	$47.58	Yes	$69.29	$21.71
127	26-Sep-10	20	2	$44.40	Yes	$81.83	$37.43
128	26-Sep-10	20	2	$44.40	Yes	$69.29	$24.89
129	26-Sep-10	20	3	$45.47	Yes	$69.29	$23.83
130	26-Sep-10	20	3	$45.47	Yes	$81.83	$36.37
131	26-Sep-10	20	4	$44.20	Yes	$69.29	$25.09
132	26-Sep-10	20	4	$44.20	Yes	$81.83	$37.63
133	26-Sep-10	20	5	$48.38	Yes	$81.83	$33.45

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
134	26-Sep-10	20	5	$48.38	Yes	$69.29	$20.91
135	26-Sep-10	20	6	$47.38	Yes	$81.83	$34.45
136	26-Sep-10	20	6	$47.38	Yes	$69.29	$21.91
137	26-Sep-10	20	7	$43.04	Yes	$81.83	$38.79
138	26-Sep-10	20	7	$43.04	Yes	$69.29	$26.25
139	26-Sep-10	20	8	$43.29	Yes	$81.83	$38.54
140	26-Sep-10	20	8	$43.29	Yes	$69.29	$26.00
141	26-Sep-10	20	9	$43.04	Yes	$81.83	$38.79
142	26-Sep-10	20	9	$43.04	Yes	$69.29	$26.25
143	26-Sep-10	20	10	$42.81	Yes	$69.29	$26.48
144	26-Sep-10	20	10	$42.81	Yes	$81.83	$39.02
145	26-Sep-10	20	11	$42.77	Yes	$69.29	$26.52
146	26-Sep-10	20	11	$42.77	Yes	$81.83	$39.06
147	26-Sep-10	20	12	$43.77	Yes	$81.83	$38.06
148	26-Sep-10	20	12	$43.77	Yes	$69.29	$25.52
149	26-Sep-10	21	1	$80.97	Yes	$69.29	-$11.68
150	26-Sep-10	21	1	$80.97	Yes	$81.83	$0.86
151	26-Sep-10	21	2	$54.06	Yes	$69.29	$15.23
152	26-Sep-10	21	2	$54.06	Yes	$81.83	$27.77
153	26-Sep-10	21	3	$46.17	Yes	$69.29	$23.12
154	26-Sep-10	21	3	$46.17	Yes	$81.83	$35.66
155	26-Sep-10	21	4	$45.56	Yes	$69.29	$23.73
156	26-Sep-10	21	4	$45.56	Yes	$81.83	$36.27
157	26-Sep-10	21	5	$43.40	Yes	$81.83	$38.43
158	26-Sep-10	21	5	$43.40	Yes	$69.29	$25.89
159	26-Sep-10	21	6	$43.46	Yes	$69.29	$25.83
160	26-Sep-10	21	6	$43.46	Yes	$81.83	$38.37
161	26-Sep-10	21	7	$42.93	Yes	$81.83	$38.90
162	26-Sep-10	21	7	$42.93	Yes	$69.29	$26.36
163	26-Sep-10	21	8	$43.10	Yes	$69.29	$26.19
164	26-Sep-10	21	8	$43.10	Yes	$81.83	$38.73
165	26-Sep-10	21	9	$44.03	Yes	$81.83	$37.80
166	26-Sep-10	21	9	$44.03	Yes	$69.29	$25.26
167	26-Sep-10	21	10	$42.87	Yes	$69.29	$26.42
168	26-Sep-10	21	10	$42.87	Yes	$81.83	$38.96
169	26-Sep-10	21	11	$42.15	Yes	$69.29	$27.14
170	26-Sep-10	21	11	$42.15	Yes	$81.83	$39.68
171	26-Sep-10	21	12	$39.26	Yes	$69.29	$30.03
172	26-Sep-10	21	12	$39.26	Yes	$81.83	$42.57
173	26-Sep-10	22	1	$62.52	Yes	$69.29	$6.77
174	26-Sep-10	22	2	$44.19	Yes	$69.29	$25.10
175	26-Sep-10	22	3	$43.15	Yes	$69.29	$26.14
176	26-Sep-10	22	4	$42.45	Yes	$69.29	$26.84
177	26-Sep-10	22	5	$42.13	Yes	$69.29	$27.16
178	26-Sep-10	22	6	$42.30	Yes	$69.29	$26.99

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
179	26-Sep-10	22	7	$41.64	Yes	$69.29	$27.65
180	26-Sep-10	22	8	$41.58	Yes	$69.29	$27.71
181	26-Sep-10	22	9	$41.14	Yes	$69.29	$28.15
182	26-Sep-10	22	10	$41.45	Yes	$69.29	$27.84
183	26-Sep-10	22	11	$41.45	Yes	$69.29	$27.84
184	26-Sep-10	22	12	$41.45	Yes	$69.29	$27.84
185	26-Sep-10	23	1	$79.94	Yes	$69.29	-$10.65
186	26-Sep-10	23	2	$43.77	Yes	$69.29	$25.52
187	26-Sep-10	23	3	$42.33	Yes	$69.29	$26.96
188	26-Sep-10	23	4	$42.00	Yes	$69.29	$27.29
189	26-Sep-10	23	5	$41.53	Yes	$69.29	$27.76
190	26-Sep-10	23	6	$41.48	Yes	$69.29	$27.81
191	26-Sep-10	23	7	$40.90	Yes	$69.29	$28.39
192	26-Sep-10	23	8	$40.62	Yes	$69.29	$28.67
193	26-Sep-10	23	9	$39.42	Yes	$69.29	$29.87
194	26-Sep-10	23	10	$39.15	Yes	$69.29	$30.14
195	26-Sep-10	23	11	$39.14	Yes	$69.29	$30.15
196	26-Sep-10	23	12	$28.52	Yes	$69.29	$40.77
197	26-Sep-10	24	1	$36.88	Yes	$69.29	$32.41
198	26-Sep-10	24	2	$35.93	Yes	$69.29	$33.36
199	26-Sep-10	24	3	$35.10	Yes	$69.29	$34.19
200	26-Sep-10	24	4	$34.57	Yes	$69.29	$34.72
201	26-Sep-10	24	5	$33.10	Yes	$69.29	$36.19
202	26-Sep-10	24	6	$33.10	Yes	$69.29	$36.19
203	26-Sep-10	24	7	$28.27	Yes	$69.29	$41.02
204	26-Sep-10	24	8	$28.27	Yes	$69.29	$41.02
205	26-Sep-10	24	9	$28.27	Yes	$69.29	$41.02
206	26-Sep-10	24	10	$29.61	Yes	$69.29	$39.68
207	26-Sep-10	24	11	$28.20	Yes	$69.29	$41.09
208	26-Sep-10	24	12	$24.09	Yes	$69.29	$45.20
209	27-Sep-10	15	12	$51.22	Yes	$112.82	$61.60
210	27-Sep-10	16	1	$47.87	Yes	$112.82	$64.95
211	27-Sep-10	16	2	$64.64	Yes	$112.82	$48.18
212	27-Sep-10	16	3	$38.19	Yes	$112.82	$74.63
213	27-Sep-10	16	4	$734.19	Yes	$112.82	-$621.37
214	27-Sep-10	16	5	$91.49	Yes	$112.82	$21.33
215	27-Sep-10	16	6	$129.72	Yes	$112.82	-$16.90
216	27-Sep-10	16	8	$735.60	Yes	$112.82	-$622.78
217	27-Sep-10	16	9	$49.10	Yes	$112.82	$63.72
218	27-Sep-10	16	10	$44.29	Yes	$112.82	$68.53
219	27-Sep-10	16	11	$37.61	Yes	$112.82	$75.21
220	27-Sep-10	16	12	$37.61	Yes	$112.82	$75.21
221	27-Sep-10	17	1	$731.40	Yes	$112.82	-$618.58
222	27-Sep-10	17	2	$292.80	Yes	$112.82	-$179.98
223	27-Sep-10	17	3	$37.45	Yes	$112.82	$75.37

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
224	27-Sep-10	17	4	$40.53	Yes	$112.82	$72.29
225	27-Sep-10	17	5	$44.06	Yes	$112.82	$68.76
226	27-Sep-10	17	6	$69.11	Yes	$112.82	$43.71
227	27-Sep-10	17	7	$54.11	Yes	$112.82	$58.71
228	27-Sep-10	17	8	$130.07	Yes	$112.82	-$17.25
229	27-Sep-10	17	9	$101.76	Yes	$112.82	$11.06
230	27-Sep-10	17	10	$130.01	Yes	$112.82	-$17.19
231	27-Sep-10	17	11	$101.78	Yes	$112.82	$11.04
232	27-Sep-10	17	12	$83.37	Yes	$112.82	$29.45
233	27-Sep-10	18	1	$730.50	Yes	$112.82	-$617.68
234	27-Sep-10	18	2	$730.50	Yes	$112.82	-$617.68
235	27-Sep-10	18	3	$56.14	Yes	$112.82	$56.68
236	27-Sep-10	18	4	$48.58	Yes	$112.82	$64.24
237	27-Sep-10	18	5	$45.93	Yes	$112.82	$66.89
238	27-Sep-10	18	6	$47.74	Yes	$112.82	$65.08
239	27-Sep-10	18	7	$66.97	Yes	$112.82	$45.85
240	27-Sep-10	18	8	$72.46	Yes	$112.82	$40.36
241	27-Sep-10	18	9	$70.58	Yes	$112.82	$42.24
242	27-Sep-10	18	10	$49.58	Yes	$112.82	$63.24
243	27-Sep-10	18	11	$44.79	Yes	$112.82	$68.03
244	27-Sep-10	18	12	$37.48	Yes	$112.82	$75.34
245	27-Sep-10	20	1	$725.85	Yes	$65.51	-$660.34
246	27-Sep-10	20	2	$725.85	Yes	$65.51	-$660.34
247	27-Sep-10	20	3	$47.95	Yes	$65.51	$17.56
248	27-Sep-10	20	4	$53.16	Yes	$65.51	$12.35
249	27-Sep-10	20	5	$65.86	Yes	$65.51	-$0.35
250	27-Sep-10	20	6	$64.03	Yes	$65.51	$1.48
251	27-Sep-10	20	7	$64.95	Yes	$65.51	$0.56
252	27-Sep-10	20	8	$67.50	Yes	$65.51	-$1.99
253	27-Sep-10	20	9	$79.39	Yes	$65.51	-$13.88
254	27-Sep-10	20	10	$91.24	Yes	$65.51	-$25.73
255	27-Sep-10	20	11	$65.67	Yes	$65.51	-$0.16
256	27-Sep-10	20	12	$45.93	Yes	$65.51	$19.58
257	27-Sep-10	21	1	$160.57	Yes	$65.51	-$95.06
258	27-Sep-10	21	2	$54.91	Yes	$65.51	$10.60
259	27-Sep-10	21	3	$42.51	Yes	$65.51	$23.00
260	27-Sep-10	21	4	$43.94	Yes	$65.51	$21.57
261	27-Sep-10	21	5	$45.69	Yes	$65.51	$19.82
262	27-Sep-10	21	6	$44.90	Yes	$65.51	$20.61
263	27-Sep-10	21	7	$45.24	Yes	$65.51	$20.27
264	27-Sep-10	21	8	$45.24	Yes	$65.51	$20.27
265	27-Sep-10	21	9	$42.35	Yes	$65.51	$23.16
266	27-Sep-10	21	10	$43.13	Yes	$65.51	$22.38
267	27-Sep-10	21	11	$42.56	Yes	$65.51	$22.95
268	27-Sep-10	21	12	$42.15	Yes	$65.51	$23.36

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
269	27-Sep-10	22	1	$46.93	Yes	$65.51	$18.58
270	27-Sep-10	22	2	$44.59	Yes	$65.51	$20.92
271	27-Sep-10	22	3	$39.76	Yes	$65.51	$25.75
272	27-Sep-10	22	4	$41.93	Yes	$65.51	$23.58
273	27-Sep-10	22	5	$41.69	Yes	$65.51	$23.82
274	27-Sep-10	22	6	$41.69	Yes	$65.51	$23.82
275	27-Sep-10	22	7	$41.71	Yes	$65.51	$23.80
276	27-Sep-10	22	8	$41.71	Yes	$65.51	$23.80
277	27-Sep-10	22	9	$41.59	Yes	$65.51	$23.92
278	27-Sep-10	22	10	$39.11	Yes	$65.51	$26.40
279	27-Sep-10	22	11	$38.77	Yes	$65.51	$26.74
280	27-Sep-10	22	12	$28.54	Yes	$65.51	$36.97
281	27-Sep-10	23	1	$120.07	Yes	$65.51	-$54.56
282	27-Sep-10	23	2	$94.95	Yes	$65.51	-$29.44
283	27-Sep-10	23	3	$49.83	Yes	$65.51	$15.68
284	27-Sep-10	23	4	$44.81	Yes	$65.51	$20.70
285	27-Sep-10	23	5	$44.59	Yes	$65.51	$20.92
286	27-Sep-10	23	6	$40.63	Yes	$65.51	$24.88
287	27-Sep-10	23	7	$41.22	Yes	$65.51	$24.29
288	27-Sep-10	23	8	$40.85	Yes	$65.51	$24.66
289	27-Sep-10	23	9	$40.63	Yes	$65.51	$24.88
290	27-Sep-10	23	10	$40.45	Yes	$65.51	$25.06
291	27-Sep-10	23	11	$40.10	Yes	$65.51	$25.41
292	27-Sep-10	23	12	$40.10	Yes	$65.51	$25.41
293	27-Sep-10	24	1	$41.38	Yes	$65.51	$24.13
294	27-Sep-10	24	2	$41.01	Yes	$65.51	$24.50
295	27-Sep-10	24	3	$40.61	Yes	$65.51	$24.90
296	27-Sep-10	24	4	$40.52	Yes	$65.51	$24.99
297	27-Sep-10	24	5	$40.98	Yes	$65.51	$24.53
298	27-Sep-10	24	6	$40.58	Yes	$65.51	$24.93
299	27-Sep-10	24	7	$40.76	Yes	$65.51	$24.75
300	27-Sep-10	24	8	$40.34	Yes	$65.51	$25.17
301	27-Sep-10	24	9	$40.20	Yes	$65.51	$25.31
302	27-Sep-10	24	10	$39.01	Yes	$65.51	$26.50
303	27-Sep-10	24	11	$37.52	Yes	$65.51	$27.99
304	27-Sep-10	24	12	$33.50	Yes	$65.51	$32.01
305	28-Sep-10	1	1	$44.87	Yes	$64.29	$19.42
306	28-Sep-10	1	2	$39.89	Yes	$64.29	$24.40
307	28-Sep-10	1	3	$38.76	Yes	$64.29	$25.53
308	28-Sep-10	1	4	$37.21	Yes	$64.29	$27.08
309	28-Sep-10	1	5	$37.28	Yes	$64.29	$27.01
310	28-Sep-10	1	6	$36.86	Yes	$64.29	$27.43
311	28-Sep-10	1	7	$38.07	Yes	$64.29	$26.22
312	28-Sep-10	1	8	$37.80	Yes	$64.29	$26.49
313	28-Sep-10	1	9	$37.80	Yes	$64.29	$26.49

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
314	28-Sep-10	1	10	$37.22	Yes	$64.29	$27.07
315	28-Sep-10	1	11	$37.22	Yes	$64.29	$27.07
316	28-Sep-10	1	12	$37.22	Yes	$64.29	$27.07
317	28-Sep-10	2	1	$38.28	Yes	$64.29	$26.01
318	28-Sep-10	2	2	$38.09	Yes	$64.29	$26.20
319	28-Sep-10	2	3	$37.99	Yes	$64.29	$26.30
320	28-Sep-10	2	4	$37.33	Yes	$64.29	$26.96
321	28-Sep-10	2	5	$36.65	Yes	$64.29	$27.64
322	28-Sep-10	2	6	$34.08	Yes	$64.29	$30.21
323	28-Sep-10	2	7	$33.98	Yes	$64.29	$30.31
324	28-Sep-10	2	8	$33.81	Yes	$64.29	$30.48
325	28-Sep-10	2	9	$33.81	Yes	$64.29	$30.48
326	28-Sep-10	2	10	$34.30	Yes	$64.29	$29.99
327	28-Sep-10	2	11	$33.73	Yes	$64.29	$30.56
328	28-Sep-10	2	12	$32.49	Yes	$64.29	$31.80
329	28-Sep-10	3	1	$33.77	Yes	$64.29	$30.52
330	28-Sep-10	3	2	$33.72	Yes	$64.29	$30.57
331	28-Sep-10	3	3	$32.50	Yes	$64.29	$31.79
332	28-Sep-10	3	4	$33.57	Yes	$64.29	$30.72
333	28-Sep-10	3	5	$33.56	Yes	$64.29	$30.73
334	28-Sep-10	3	6	$33.57	Yes	$64.29	$30.72
335	28-Sep-10	3	7	$33.69	Yes	$64.29	$30.60
336	28-Sep-10	3	8	$33.67	Yes	$64.29	$30.62
337	28-Sep-10	3	9	$33.13	Yes	$64.29	$31.16
338	28-Sep-10	3	10	$32.56	Yes	$64.29	$31.73
339	28-Sep-10	3	11	$29.66	Yes	$64.29	$34.63
340	28-Sep-10	3	12	$32.13	Yes	$64.29	$32.16
341	28-Sep-10	4	1	$32.58	Yes	$64.29	$31.71
342	28-Sep-10	4	2	$32.13	Yes	$64.29	$32.16
343	28-Sep-10	4	3	$26.36	Yes	$64.29	$37.93
344	28-Sep-10	4	4	$26.35	Yes	$64.29	$37.94
345	28-Sep-10	4	5	$26.37	Yes	$64.29	$37.92
346	28-Sep-10	4	6	$27.70	Yes	$64.29	$36.59
347	28-Sep-10	4	7	$27.65	Yes	$64.29	$36.64
348	28-Sep-10	4	8	$27.65	Yes	$64.29	$36.64
349	28-Sep-10	4	9	$27.65	Yes	$64.29	$36.64
350	28-Sep-10	4	10	$27.65	Yes	$64.29	$36.64
351	28-Sep-10	4	11	$27.73	Yes	$64.29	$36.56
352	28-Sep-10	4	12	$27.65	Yes	$64.29	$36.64
353	28-Sep-10	5	1	$28.38	Yes	$64.29	$35.91
354	28-Sep-10	5	2	$28.27	Yes	$64.29	$36.02
355	28-Sep-10	5	3	$27.98	Yes	$64.29	$36.31
356	28-Sep-10	5	4	$27.87	Yes	$64.29	$36.42
357	28-Sep-10	5	5	$28.37	Yes	$64.29	$35.92
358	28-Sep-10	5	6	$32.46	Yes	$64.29	$31.83

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
359	28-Sep-10	5	7	$32.57	Yes	$64.29	$31.72
360	28-Sep-10	5	8	$32.57	Yes	$64.29	$31.72
361	28-Sep-10	5	9	$32.36	Yes	$64.29	$31.93
362	28-Sep-10	5	10	$33.59	Yes	$64.29	$30.70
363	28-Sep-10	5	11	$33.59	Yes	$64.29	$30.70
364	28-Sep-10	5	12	$33.77	Yes	$64.29	$30.52
365	28-Sep-10	6	1	$33.48	Yes	$64.29	$30.81
366	28-Sep-10	6	2	$31.29	Yes	$64.29	$33.00
367	28-Sep-10	6	3	$29.50	Yes	$64.29	$34.79
368	28-Sep-10	6	4	$29.57	Yes	$64.29	$34.72
369	28-Sep-10	6	5	$32.19	Yes	$64.29	$32.10
370	28-Sep-10	6	6	$33.62	Yes	$64.29	$30.67
371	28-Sep-10	6	7	$34.08	Yes	$64.29	$30.21
372	28-Sep-10	6	8	$33.77	Yes	$64.29	$30.52
373	28-Sep-10	6	9	$34.08	Yes	$64.29	$30.21
374	28-Sep-10	6	10	$35.98	Yes	$64.29	$28.31
375	28-Sep-10	6	11	$38.10	Yes	$64.29	$26.19
376	28-Sep-10	6	12	$38.10	Yes	$64.29	$26.19
377	28-Sep-10	7	1	$36.65	Yes	$64.29	$27.64
378	28-Sep-10	7	2	$35.20	Yes	$64.29	$29.09
379	28-Sep-10	7	3	$29.60	Yes	$64.29	$34.69
380	28-Sep-10	7	4	$29.75	Yes	$64.29	$34.54
381	28-Sep-10	7	5	$32.43	Yes	$64.29	$31.86
382	28-Sep-10	7	6	$37.40	Yes	$64.29	$26.89
383	28-Sep-10	7	7	$36.86	Yes	$64.29	$27.43
384	28-Sep-10	7	8	$36.86	Yes	$64.29	$27.43
385	28-Sep-10	7	9	$37.72	Yes	$64.29	$26.57
386	28-Sep-10	7	10	$40.32	Yes	$64.29	$23.97
387	28-Sep-10	7	11	$40.81	Yes	$64.29	$23.48
388	28-Sep-10	7	12	$40.25	Yes	$64.29	$24.05
389	28-Sep-10	8	1	$40.51	Yes	$64.29	$23.78
390	28-Sep-10	8	2	$40.29	Yes	$64.29	$24.00
391	28-Sep-10	8	3	$40.24	Yes	$64.29	$24.05
392	28-Sep-10	8	4	$39.78	Yes	$64.29	$24.51
393	28-Sep-10	8	5	$39.78	Yes	$64.29	$24.51
394	28-Sep-10	8	6	$40.31	Yes	$64.29	$23.98
395	28-Sep-10	8	7	$40.94	Yes	$64.29	$23.35
396	28-Sep-10	8	8	$38.79	Yes	$64.29	$25.50
397	28-Sep-10	8	9	$37.98	Yes	$64.29	$26.31
398	28-Sep-10	8	10	$37.42	Yes	$64.29	$26.87
399	28-Sep-10	8	11	$37.79	Yes	$64.29	$26.50
400	28-Sep-10	8	12	$37.42	Yes	$64.29	$26.87
401	28-Sep-10	9	1	$36.51	Yes	$64.29	$27.78
402	28-Sep-10	9	2	$37.07	Yes	$64.29	$27.22
403	28-Sep-10	9	3	$36.04	Yes	$64.29	$28.25

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
404	28-Sep-10	9	4	$36.50	Yes	$64.29	$27.79
405	28-Sep-10	9	5	$36.50	Yes	$64.29	$27.79
406	28-Sep-10	9	6	$36.50	Yes	$64.29	$27.79
407	28-Sep-10	9	7	$37.89	Yes	$64.29	$26.40
408	28-Sep-10	9	8	$36.50	Yes	$64.29	$27.79
409	28-Sep-10	9	9	$37.89	Yes	$64.29	$26.40
410	28-Sep-10	9	10	$38.98	Yes	$64.29	$25.31
411	28-Sep-10	9	11	$38.43	Yes	$64.29	$25.86
412	28-Sep-10	9	12	$38.86	Yes	$64.29	$25.43
413	28-Sep-10	10	1	$36.28	Yes	$48.47	$12.19
414	28-Sep-10	10	2	$36.28	Yes	$48.47	$12.19
415	28-Sep-10	10	3	$36.28	Yes	$48.47	$12.19
416	28-Sep-10	10	4	$36.81	Yes	$48.47	$11.66
417	28-Sep-10	10	5	$38.68	Yes	$48.47	$9.79
418	28-Sep-10	10	6	$40.79	Yes	$48.47	$7.68
419	28-Sep-10	10	7	$40.84	Yes	$48.47	$7.63
420	28-Sep-10	10	8	$40.60	Yes	$48.47	$7.87
421	28-Sep-10	10	9	$40.16	Yes	$48.47	$8.31
422	28-Sep-10	10	10	$40.57	Yes	$48.47	$7.90
423	28-Sep-10	10	11	$40.60	Yes	$48.47	$7.87
424	28-Sep-10	10	12	$40.94	Yes	$48.47	$7.53
425	28-Sep-10	11	1	$32.24	Yes	$48.47	$16.23
426	28-Sep-10	11	2	$32.28	Yes	$48.47	$16.19
427	28-Sep-10	11	3	$29.93	Yes	$48.47	$18.54
428	28-Sep-10	11	4	$33.51	Yes	$48.47	$14.96
429	28-Sep-10	11	5	$37.90	Yes	$48.47	$10.57
430	28-Sep-10	11	6	$40.97	Yes	$48.47	$7.50
431	28-Sep-10	11	7	$39.99	Yes	$48.47	$8.48
432	28-Sep-10	11	8	$40.99	Yes	$48.47	$7.48
433	28-Sep-10	11	9	$39.96	Yes	$48.47	$8.51
434	28-Sep-10	11	10	$41.25	Yes	$48.47	$7.22
435	28-Sep-10	11	11	$41.50	Yes	$48.47	$6.97
436	28-Sep-10	11	12	$41.73	Yes	$48.47	$6.74
437	28-Sep-10	12	1	$37.12	Yes	$48.47	$11.35
438	28-Sep-10	12	2	$39.06	Yes	$48.47	$9.41
439	28-Sep-10	12	3	$38.39	Yes	$48.47	$10.08
440	28-Sep-10	12	4	$39.38	Yes	$48.47	$9.09
441	28-Sep-10	12	5	$39.96	Yes	$48.47	$8.51
442	28-Sep-10	12	6	$40.50	Yes	$48.47	$7.97
443	28-Sep-10	12	7	$40.17	Yes	$48.47	$8.30
444	28-Sep-10	12	8	$40.33	Yes	$48.47	$8.14
445	28-Sep-10	12	9	$41.08	Yes	$48.47	$7.39
446	28-Sep-10	12	10	$41.33	Yes	$48.47	$7.14
447	28-Sep-10	12	11	$41.25	Yes	$48.47	$7.22
448	28-Sep-10	12	12	$41.33	Yes	$48.47	$7.14

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
449	28-Sep-10	13	1	$35.28	Yes	$48.47	$13.19
450	28-Sep-10	13	2	$32.14	Yes	$48.47	$16.33
451	28-Sep-10	13	3	$30.37	Yes	$48.47	$18.10
452	28-Sep-10	13	4	$37.82	Yes	$48.47	$10.65
453	28-Sep-10	13	5	$38.11	Yes	$48.47	$10.36
454	28-Sep-10	13	6	$40.59	Yes	$48.47	$7.88
455	28-Sep-10	13	7	$40.68	Yes	$48.47	$7.79
456	28-Sep-10	13	8	$41.91	Yes	$48.47	$6.56
457	28-Sep-10	13	9	$41.15	Yes	$48.47	$7.32
458	28-Sep-10	13	10	$41.09	Yes	$48.47	$7.38
459	28-Sep-10	13	11	$40.62	Yes	$48.47	$7.85
460	28-Sep-10	13	12	$42.09	Yes	$48.47	$6.38
461	28-Sep-10	14	1	$36.24	Yes	$48.47	$12.23
462	28-Sep-10	14	2	$40.70	Yes	$48.47	$7.77
463	28-Sep-10	14	3	$41.10	Yes	$48.47	$7.37
464	28-Sep-10	14	4	$42.05	Yes	$48.47	$6.42
465	28-Sep-10	14	5	$42.07	Yes	$48.47	$6.40
466	28-Sep-10	14	6	$42.05	Yes	$48.47	$6.42
467	28-Sep-10	14	7	$42.55	Yes	$48.47	$5.92
468	28-Sep-10	14	8	$42.84	Yes	$48.47	$5.63
469	28-Sep-10	14	9	$42.15	Yes	$48.47	$6.32
470	28-Sep-10	14	10	$43.22	Yes	$48.47	$5.25
471	28-Sep-10	14	11	$43.22	Yes	$48.47	$5.25
472	28-Sep-10	14	12	$43.22	Yes	$48.47	$5.25
473	28-Sep-10	15	1	$42.20	Yes	$48.47	$6.27
474	28-Sep-10	15	2	$42.25	Yes	$48.47	$6.22
475	28-Sep-10	15	3	$42.20	Yes	$48.47	$6.27
476	28-Sep-10	15	4	$42.26	Yes	$48.47	$6.21
477	28-Sep-10	15	5	$42.51	Yes	$48.47	$5.96
478	28-Sep-10	15	6	$42.73	Yes	$48.47	$5.74
479	28-Sep-10	15	7	$44.05	Yes	$48.47	$4.42
480	28-Sep-10	15	8	$44.02	Yes	$48.47	$4.45
481	28-Sep-10	15	9	$44.02	Yes	$48.47	$4.45
482	28-Sep-10	15	10	$44.11	Yes	$48.47	$4.36
483	28-Sep-10	15	11	$44.22	Yes	$48.47	$4.25
484	28-Sep-10	15	12	$44.24	Yes	$48.47	$4.23
485	28-Sep-10	16	1	$43.93	Yes	$48.47	$4.54
486	28-Sep-10	16	2	$43.90	Yes	$48.47	$4.57
487	28-Sep-10	16	3	$44.10	Yes	$48.47	$4.37
488	28-Sep-10	16	4	$44.34	Yes	$48.47	$4.13
489	28-Sep-10	16	5	$44.34	Yes	$48.47	$4.13
490	28-Sep-10	16	6	$44.36	Yes	$48.47	$4.11
491	28-Sep-10	16	7	$44.43	Yes	$48.47	$4.04
492	28-Sep-10	16	8	$44.65	Yes	$48.47	$3.82
493	28-Sep-10	16	9	$45.27	Yes	$48.47	$3.20

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
494	28-Sep-10	16	10	$43.77	Yes	$48.47	$4.70
495	28-Sep-10	16	11	$43.77	Yes	$48.47	$4.70
496	28-Sep-10	16	12	$42.98	Yes	$48.47	$5.49
497	28-Sep-10	17	1	$47.51	Yes	$48.47	$0.96
498	28-Sep-10	17	2	$46.20	Yes	$48.47	$2.27
499	28-Sep-10	17	3	$46.01	Yes	$48.47	$2.46
500	28-Sep-10	17	4	$46.20	Yes	$48.47	$2.27
501	28-Sep-10	17	5	$46.32	Yes	$48.47	$2.15
502	28-Sep-10	17	6	$43.43	Yes	$48.47	$5.04
503	28-Sep-10	17	7	$43.00	Yes	$48.47	$5.47
504	28-Sep-10	17	8	$43.18	Yes	$48.47	$5.29
505	28-Sep-10	17	9	$44.45	Yes	$48.47	$4.02
506	28-Sep-10	17	10	$43.70	Yes	$48.47	$4.77
507	28-Sep-10	17	11	$42.88	Yes	$48.47	$5.59
508	28-Sep-10	17	12	$42.19	Yes	$48.47	$6.28
509	28-Sep-10	18	1	$53.37	Yes	$48.47	-$4.90
510	28-Sep-10	18	2	$47.39	Yes	$48.47	$1.08
511	28-Sep-10	18	3	$45.56	Yes	$48.47	$2.91
512	28-Sep-10	18	4	$43.27	Yes	$48.47	$5.20
513	28-Sep-10	18	5	$44.35	Yes	$48.47	$4.12
514	28-Sep-10	18	6	$44.42	Yes	$48.47	$4.05
515	28-Sep-10	18	7	$43.47	Yes	$48.47	$5.00
516	28-Sep-10	18	8	$42.82	Yes	$48.47	$5.65
517	28-Sep-10	18	9	$41.72	Yes	$48.47	$6.75
518	28-Sep-10	18	10	$41.87	Yes	$48.47	$6.60
519	28-Sep-10	18	11	$41.57	Yes	$48.47	$6.90
520	28-Sep-10	18	12	$41.43	Yes	$48.47	$7.04
521	28-Sep-10	19	1	$41.65	Yes	$48.47	$6.82
522	28-Sep-10	19	2	$41.59	Yes	$48.47	$6.88
523	28-Sep-10	19	3	$40.08	Yes	$48.47	$8.39
524	28-Sep-10	19	4	$41.46	Yes	$48.47	$7.01
525	28-Sep-10	19	5	$40.25	Yes	$48.47	$8.22
526	28-Sep-10	19	6	$40.66	Yes	$48.47	$7.81
527	28-Sep-10	19	7	$40.50	Yes	$48.47	$7.97
528	28-Sep-10	19	8	$40.60	Yes	$48.47	$7.87
529	28-Sep-10	19	9	$40.79	Yes	$48.47	$7.68
530	28-Sep-10	19	10	$41.33	Yes	$48.47	$7.14
531	28-Sep-10	19	11	$41.33	Yes	$48.47	$7.14
532	28-Sep-10	19	12	$41.58	Yes	$48.47	$6.89
533	28-Sep-10	20	1	$41.59	Yes	$48.47	$6.88
534	28-Sep-10	20	2	$41.59	Yes	$48.47	$6.88
535	28-Sep-10	20	3	$41.58	Yes	$48.47	$6.89
536	28-Sep-10	20	4	$41.74	Yes	$48.47	$6.73
537	28-Sep-10	20	5	$43.02	Yes	$48.47	$5.45
538	28-Sep-10	20	6	$42.35	Yes	$48.47	$6.12

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
539	28-Sep-10	20	7	$42.82	Yes	$48.47	$5.65
540	28-Sep-10	20	8	$42.66	Yes	$48.47	$5.81
541	28-Sep-10	20	9	$42.56	Yes	$48.47	$5.91
542	28-Sep-10	20	10	$41.69	Yes	$48.47	$6.78
543	28-Sep-10	20	11	$41.57	Yes	$48.47	$6.90
544	28-Sep-10	20	12	$40.50	Yes	$48.47	$7.97
545	28-Sep-10	21	1	$45.38	Yes	$48.47	$3.09
546	28-Sep-10	21	2	$44.41	Yes	$48.47	$4.06
547	28-Sep-10	21	3	$42.90	Yes	$48.47	$5.57
548	28-Sep-10	21	4	$42.38	Yes	$48.47	$6.09
549	28-Sep-10	21	5	$42.38	Yes	$48.47	$6.09
550	28-Sep-10	21	6	$41.96	Yes	$48.47	$6.51
551	28-Sep-10	21	7	$41.71	Yes	$48.47	$6.76
552	28-Sep-10	21	8	$41.48	Yes	$48.47	$6.99
553	28-Sep-10	21	9	$41.27	Yes	$48.47	$7.20
554	28-Sep-10	21	10	$40.68	Yes	$48.47	$7.79
555	28-Sep-10	21	11	$40.59	Yes	$48.47	$7.88
556	28-Sep-10	21	12	$39.18	Yes	$48.47	$9.29
557	28-Sep-10	22	1	$42.18	Yes	$48.47	$6.29
558	28-Sep-10	22	2	$41.79	Yes	$48.47	$6.68
559	28-Sep-10	22	3	$41.65	Yes	$48.47	$6.82
560	28-Sep-10	22	4	$41.42	Yes	$48.47	$7.05
561	28-Sep-10	22	5	$40.69	Yes	$48.47	$7.78
562	28-Sep-10	22	6	$40.58	Yes	$48.47	$7.89
563	28-Sep-10	22	7	$39.35	Yes	$48.47	$9.12
564	28-Sep-10	22	8	$39.42	Yes	$48.47	$9.05
565	28-Sep-10	22	9	$38.05	Yes	$48.47	$10.42
566	28-Sep-10	22	10	$39.44	Yes	$48.47	$9.03
567	28-Sep-10	22	11	$38.81	Yes	$48.47	$9.66
568	28-Sep-10	22	12	$36.54	Yes	$48.47	$11.93
569	28-Sep-10	23	1	$41.61	Yes	$48.47	$6.86
570	28-Sep-10	23	2	$40.83	Yes	$48.47	$7.64
571	28-Sep-10	23	3	$40.03	Yes	$48.47	$8.44
572	28-Sep-10	23	4	$39.76	Yes	$48.47	$8.71
573	28-Sep-10	23	5	$38.40	Yes	$48.47	$10.07
574	28-Sep-10	23	6	$38.40	Yes	$48.47	$10.07
575	28-Sep-10	23	7	$38.10	Yes	$48.47	$10.37
576	28-Sep-10	23	8	$37.74	Yes	$48.47	$10.73
577	28-Sep-10	23	9	$34.08	Yes	$48.47	$14.39
578	28-Sep-10	23	10	$29.60	Yes	$48.47	$18.87
579	28-Sep-10	23	11	$29.30	Yes	$48.47	$19.17
580	28-Sep-10	23	12	$29.27	Yes	$48.47	$19.20
581	28-Sep-10	24	1	$41.41	Yes	$48.47	$7.06
582	28-Sep-10	24	2	$40.49	Yes	$48.47	$7.98
583	28-Sep-10	24	3	$39.66	Yes	$48.47	$8.81

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
584	28-Sep-10	24	4	$38.30	Yes	$48.47	$10.17
585	28-Sep-10	24	5	$38.57	Yes	$48.47	$9.90
586	28-Sep-10	24	6	$37.22	Yes	$48.47	$11.25
587	28-Sep-10	24	7	$36.45	Yes	$48.47	$12.02
588	28-Sep-10	24	8	$33.74	Yes	$48.47	$14.73
589	28-Sep-10	24	9	$30.04	Yes	$48.47	$18.43
590	28-Sep-10	24	10	$29.34	Yes	$48.47	$19.13
591	28-Sep-10	24	11	$27.95	Yes	$48.47	$20.52
592	28-Sep-10	24	12	$24.97	Yes	$48.47	$23.50

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

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
1	1-Sep-10	8	1	$20.64	Yes	$39.44	$18.80
2	1-Sep-10	8	2	$13.46	Yes	$39.44	$25.98
3	1-Sep-10	8	3	$26.94	Yes	$39.44	$12.50
4	1-Sep-10	8	4	$27.04	Yes	$39.44	$12.40
5	1-Sep-10	8	5	$30.08	Yes	$39.44	$9.36
6	1-Sep-10	8	6	$30.39	Yes	$39.44	$9.05
7	1-Sep-10	8	7	$30.51	Yes	$39.44	$8.93
8	1-Sep-10	8	8	$32.94	Yes	$39.44	$6.50
9	1-Sep-10	8	9	$32.89	Yes	$39.44	$6.55
10	1-Sep-10	8	10	$32.88	Yes	$39.44	$6.56
11	1-Sep-10	8	11	$32.88	Yes	$39.44	$6.56
12	1-Sep-10	8	12	$32.88	Yes	$39.44	$6.56
13	1-Sep-10	9	1	$30.13	Yes	$39.44	$9.31
14	1-Sep-10	9	2	$28.38	Yes	$39.44	$11.06
15	1-Sep-10	9	3	$29.88	Yes	$39.44	$9.56
16	1-Sep-10	9	4	$33.86	Yes	$39.44	$5.58
17	1-Sep-10	9	5	$33.86	Yes	$39.44	$5.58
18	1-Sep-10	9	6	$33.86	Yes	$39.44	$5.58
19	1-Sep-10	9	7	$33.11	Yes	$39.44	$6.33
20	1-Sep-10	9	8	$32.65	Yes	$39.44	$6.79
21	1-Sep-10	9	9	$33.84	Yes	$39.44	$5.60
22	1-Sep-10	9	10	$33.95	Yes	$39.44	$5.49
23	1-Sep-10	9	11	$34.21	Yes	$39.44	$5.23
24	1-Sep-10	9	12	$34.21	Yes	$39.44	$5.23
25	1-Sep-10	10	1	$26.40	Yes	$39.44	$13.04
26	1-Sep-10	10	2	$26.42	Yes	$39.44	$13.02
27	1-Sep-10	10	3	$26.40	Yes	$39.44	$13.04
28	1-Sep-10	10	4	$26.24	Yes	$39.44	$13.20

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
29	1-Sep-10	10	5	$26.62	Yes	$39.44	$12.82
30	1-Sep-10	10	6	$26.67	Yes	$39.44	$12.77
31	1-Sep-10	10	7	$27.09	Yes	$39.44	$12.35
32	1-Sep-10	10	8	$27.09	Yes	$39.44	$12.35
33	1-Sep-10	10	9	$29.48	Yes	$39.44	$9.96
34	$9.65	1-Sep-10	10	10	$29.79	Yes	$39.44
35	1-Sep-10	10	11	$30.13	Yes	$39.44	$9.31
36	1-Sep-10	10	12	$29.74	Yes	$39.44	$9.70
37	1-Sep-10	11	1	$28.74	Yes	$39.44	$10.70
38	1-Sep-10	11	2	$28.74	Yes	$39.44	$10.70
39	1-Sep-10	11	3	$26.72	Yes	$39.44	$12.72
40	1-Sep-10	11	4	$26.80	Yes	$39.44	$12.64
41	1-Sep-10	11	5	$25.35	Yes	$39.44	$14.09
42	1-Sep-10	11	6	$24.90	Yes	$39.44	$14.54
43	1-Sep-10	11	7	$27.08	Yes	$39.44	$12.36
44	1-Sep-10	11	8	$27.12	Yes	$39.44	$12.32
45	1-Sep-10	11	9	$30.16	Yes	$39.44	$9.28
46	1-Sep-10	11	10	$31.19	Yes	$39.44	$8.25
47	1-Sep-10	11	11	$31.19	Yes	$39.44	$8.25
48	1-Sep-10	11	12	$31.07	Yes	$39.44	$8.37
49	1-Sep-10	12	1	$27.11	Yes	$39.44	$12.33
50	1-Sep-10	12	2	$27.09	Yes	$39.44	$12.35
51	1-Sep-10	12	3	$28.94	Yes	$39.44	$10.50
52	1-Sep-10	12	4	$30.19	Yes	$39.44	$9.25
53	1-Sep-10	12	5	$30.26	Yes	$39.44	$9.18
54	1-Sep-10	12	6	$30.42	Yes	$39.44	$9.02
55	1-Sep-10	12	7	$30.92	Yes	$39.44	$8.52
56	1-Sep-10	12	8	$32.90	Yes	$39.44	$6.54
57	1-Sep-10	12	9	$35.79	Yes	$39.44	$3.65
58	1-Sep-10	12	10	$31.87	Yes	$39.44	$7.57
59	1-Sep-10	12	11	$31.87	Yes	$39.44	$7.57
60	1-Sep-10	12	12	$32.87	Yes	$39.44	$6.57
61	1-Sep-10	13	1	$30.02	Yes	$39.44	$9.42
62	1-Sep-10	13	2	$30.50	Yes	$39.44	$8.94
63	1-Sep-10	13	3	$30.50	Yes	$39.44	$8.94
64	1-Sep-10	13	4	$29.95	Yes	$39.44	$9.49
65	1-Sep-10	13	5	$30.72	Yes	$39.44	$8.72
66	1-Sep-10	13	6	$31.34	Yes	$39.44	$8.10
67	1-Sep-10	13	7	$31.10	Yes	$39.44	$8.34
68	1-Sep-10	13	8	$31.36	Yes	$39.44	$8.08
69	1-Sep-10	13	9	$35.66	Yes	$39.44	$3.78
70	1-Sep-10	13	10	$37.14	Yes	$39.44	$2.30
71	1-Sep-10	13	11	$37.14	Yes	$39.44	$2.30
72	1-Sep-10	13	12	$41.41	Yes	$39.44	-$1.97
73	1-Sep-10	14	1	$30.29	Yes	$39.44	$9.15

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
74	1-Sep-10	14	2	$30.29	Yes	$39.44	$9.15
75	1-Sep-10	14	3	$30.56	Yes	$39.44	$8.88
76	1-Sep-10	14	4	$30.11	Yes	$39.44	$9.33
77	1-Sep-10	14	5	$30.36	Yes	$39.44	$9.08
78	1-Sep-10	14	6	$30.36	Yes	$39.44	$9.08
79	1-Sep-10	14	7	$31.83	Yes	$39.44	$7.61
80	1-Sep-10	14	8	$32.71	Yes	$39.44	$6.73
81	1-Sep-10	14	9	$32.72	Yes	$39.44	$6.72
82	1-Sep-10	14	10	$33.48	Yes	$39.44	$5.96
83	1-Sep-10	14	11	$36.08	Yes	$39.44	$3.36
84	1-Sep-10	14	12	$35.03	Yes	$39.63	$4.60
85	1-Sep-10	14	12	$35.03	Yes	$39.44	$4.41
86	1-Sep-10	15	1	$30.49	Yes	$39.63	$9.14
87	1-Sep-10	15	1	$30.49	Yes	$39.44	$8.95
88	1-Sep-10	15	2	$30.56	Yes	$39.63	$9.07
89	1-Sep-10	15	2	$30.56	Yes	$39.44	$8.88
90	1-Sep-10	15	3	$30.49	Yes	$39.63	$9.14
91	1-Sep-10	15	3	$30.49	Yes	$39.44	$8.95
92	1-Sep-10	15	4	$31.85	Yes	$39.44	$7.59
93	1-Sep-10	15	4	$31.85	Yes	$39.63	$7.78
94	1-Sep-10	15	5	$31.74	Yes	$39.63	$7.89
95	1-Sep-10	15	5	$31.74	Yes	$39.44	$7.70
96	1-Sep-10	15	6	$31.84	Yes	$39.63	$7.79
97	1-Sep-10	15	6	$31.84	Yes	$39.44	$7.60
98	1-Sep-10	15	7	$32.21	Yes	$39.44	$7.23
99	1-Sep-10	15	7	$32.21	Yes	$39.63	$7.42
100	1-Sep-10	15	8	$33.95	Yes	$39.44	$5.49
101	1-Sep-10	15	8	$33.95	Yes	$39.63	$5.68
102	1-Sep-10	15	9	$33.95	Yes	$39.63	$5.68
103	1-Sep-10	15	9	$33.95	Yes	$39.44	$5.49
104	1-Sep-10	15	10	$36.30	Yes	$39.44	$3.14
105	1-Sep-10	15	10	$36.30	Yes	$39.63	$3.33
106	1-Sep-10	15	11	$36.30	Yes	$39.44	$3.14
107	1-Sep-10	15	11	$36.30	Yes	$39.63	$3.33
108	1-Sep-10	15	12	$36.53	Yes	$39.44	$2.91
109	1-Sep-10	15	12	$36.53	Yes	$39.63	$3.10
110	1-Sep-10	16	1	$34.30	Yes	$39.63	$5.33
111	1-Sep-10	16	1	$34.30	Yes	$39.44	$5.14
112	1-Sep-10	16	2	$34.30	Yes	$39.44	$5.14
113	1-Sep-10	16	2	$34.30	Yes	$39.63	$5.33
114	1-Sep-10	16	3	$34.39	Yes	$39.44	$5.05
115	1-Sep-10	16	3	$34.39	Yes	$39.63	$5.24
116	1-Sep-10	16	4	$738.60	Yes	$39.44	-$699.16
117	1-Sep-10	16	4	$738.60	Yes	$39.63	-$698.97
118	1-Sep-10	16	5	$36.95	Yes	$39.44	$2.49

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
119	1-Sep-10	16	5	$36.95	Yes	$39.63	$2.68
120	1-Sep-10	16	6	$36.95	Yes	$39.63	$2.68
121	1-Sep-10	16	6	$36.95	Yes	$39.44	$2.49
122	1-Sep-10	16	7	$35.64	Yes	$39.63	$3.99
123	1-Sep-10	16	7	$35.64	Yes	$39.44	$3.80
124	1-Sep-10	16	8	$35.92	Yes	$39.44	$3.52
125	1-Sep-10	16	8	$35.92	Yes	$39.63	$3.71
126	1-Sep-10	16	9	$36.60	Yes	$39.63	$3.03
127	1-Sep-10	16	9	$36.60	Yes	$39.44	$2.84
128	1-Sep-10	16	10	$36.78	Yes	$39.44	$2.66
129	1-Sep-10	16	10	$36.78	Yes	$39.63	$2.85
130	1-Sep-10	16	11	$37.28	Yes	$39.63	$2.35
131	1-Sep-10	16	11	$37.28	Yes	$39.44	$2.16
132	1-Sep-10	16	12	$36.93	Yes	$39.44	$2.51
133	1-Sep-10	16	12	$36.93	Yes	$39.63	$2.70
134	1-Sep-10	17	1	$36.90	Yes	$39.44	$2.54
135	1-Sep-10	17	1	$36.90	Yes	$39.63	$2.73
136	1-Sep-10	17	2	$37.03	Yes	$39.63	$2.60
137	1-Sep-10	17	2	$37.03	Yes	$39.44	$2.41
138	1-Sep-10	17	3	$36.94	Yes	$39.63	$2.69
139	1-Sep-10	17	3	$36.94	Yes	$39.44	$2.50
140	1-Sep-10	17	4	$38.33	Yes	$39.63	$1.30
141	1-Sep-10	17	4	$38.33	Yes	$39.44	$1.11
142	1-Sep-10	17	5	$37.30	Yes	$39.44	$2.14
143	1-Sep-10	17	5	$37.30	Yes	$39.63	$2.33
144	1-Sep-10	17	6	$38.33	Yes	$39.63	$1.30
145	1-Sep-10	17	6	$38.33	Yes	$39.44	$1.11
146	1-Sep-10	17	7	$41.32	Yes	$39.44	-$1.88
147	1-Sep-10	17	7	$41.32	Yes	$39.63	-$1.69
148	1-Sep-10	17	8	$41.22	Yes	$39.44	-$1.78
149	1-Sep-10	17	8	$41.22	Yes	$39.63	-$1.59
150	1-Sep-10	17	9	$41.22	Yes	$39.44	-$1.78
151	1-Sep-10	17	9	$41.22	Yes	$39.63	-$1.59
152	1-Sep-10	17	10	$43.11	Yes	$39.44	-$3.67
153	1-Sep-10	17	10	$43.11	Yes	$39.63	-$3.48
154	1-Sep-10	17	11	$40.55	Yes	$39.44	-$1.11
155	1-Sep-10	17	11	$40.55	Yes	$39.63	-$0.92
156	1-Sep-10	17	12	$39.39	Yes	$39.63	$0.24
157	1-Sep-10	17	12	$39.39	Yes	$39.44	$0.05
158	1-Sep-10	18	1	$41.46	Yes	$39.63	-$1.83
159	1-Sep-10	18	1	$41.46	Yes	$39.44	-$2.02
160	1-Sep-10	18	2	$38.66	Yes	$39.63	$0.97
161	1-Sep-10	18	2	$38.66	Yes	$39.44	$0.78
162	1-Sep-10	18	3	$39.74	Yes	$39.63	-$0.11
163	1-Sep-10	18	3	$39.74	Yes	$39.44	-$0.30

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
164	1-Sep-10	18	4	$36.73	Yes	$39.63	$2.90
165	1-Sep-10	18	4	$36.73	Yes	$39.44	$2.71
166	1-Sep-10	18	5	$36.75	Yes	$39.44	$2.69
167	1-Sep-10	18	5	$36.75	Yes	$39.63	$2.88
168	1-Sep-10	18	6	$36.07	Yes	$39.44	$3.37
169	1-Sep-10	18	6	$36.07	Yes	$39.63	$3.56
170	1-Sep-10	18	7	$35.85	Yes	$39.44	$3.59
171	1-Sep-10	18	7	$35.85	Yes	$39.63	$3.78
172	1-Sep-10	18	8	$35.34	Yes	$39.63	$4.29
173	1-Sep-10	18	8	$35.34	Yes	$39.44	$4.10
174	1-Sep-10	18	9	$35.40	Yes	$39.63	$4.23
175	1-Sep-10	18	9	$35.40	Yes	$39.44	$4.04
176	1-Sep-10	18	10	$33.63	Yes	$39.44	$5.81
177	1-Sep-10	18	10	$33.63	Yes	$39.63	$6.00
178	1-Sep-10	18	11	$35.30	Yes	$39.63	$4.33
179	1-Sep-10	18	11	$35.30	Yes	$39.44	$4.14
180	1-Sep-10	18	12	$32.98	Yes	$39.63	$6.65
181	1-Sep-10	18	12	$32.98	Yes	$39.44	$6.46
182	1-Sep-10	19	1	$42.93	Yes	$39.44	-$3.49
183	1-Sep-10	19	1	$42.93	Yes	$39.63	-$3.30
184	1-Sep-10	19	2	$37.95	Yes	$39.44	$1.49
185	1-Sep-10	19	2	$37.95	Yes	$39.63	$1.68
186	1-Sep-10	19	3	$30.25	Yes	$39.44	$9.19
187	1-Sep-10	19	3	$30.25	Yes	$39.63	$9.38
188	1-Sep-10	19	4	$710.82	Yes	$39.44	-$671.38
189	1-Sep-10	19	4	$710.82	Yes	$39.63	-$671.19
190	1-Sep-10	19	5	$36.36	Yes	$39.44	$3.08
191	1-Sep-10	19	5	$36.36	Yes	$39.63	$3.27
192	1-Sep-10	19	6	$37.30	Yes	$39.44	$2.14
193	1-Sep-10	19	6	$37.30	Yes	$39.63	$2.33
194	1-Sep-10	19	7	$37.42	Yes	$39.63	$2.21
195	1-Sep-10	19	7	$37.42	Yes	$39.44	$2.02
196	1-Sep-10	19	8	$36.91	Yes	$39.63	$2.72
197	1-Sep-10	19	8	$36.91	Yes	$39.44	$2.53
198	1-Sep-10	19	9	$36.59	Yes	$39.44	$2.85
199	1-Sep-10	19	9	$36.59	Yes	$39.63	$3.04
200	1-Sep-10	19	10	$34.95	Yes	$39.44	$4.49
201	1-Sep-10	19	10	$34.95	Yes	$39.63	$4.68
202	1-Sep-10	19	11	$34.07	Yes	$39.63	$5.56
203	1-Sep-10	19	11	$34.07	Yes	$39.44	$5.37
204	1-Sep-10	19	12	$33.24	Yes	$39.44	$6.20
205	1-Sep-10	19	12	$33.24	Yes	$39.63	$6.39
206	1-Sep-10	20	1	$36.95	Yes	$39.44	$2.49
207	1-Sep-10	20	1	$36.95	Yes	$39.63	$2.68
208	1-Sep-10	20	2	$33.25	Yes	$39.44	$6.19

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
209	1-Sep-10	20	2	$33.25	Yes	$39.63	$6.38
210	1-Sep-10	20	3	$31.20	Yes	$39.44	$8.24
211	1-Sep-10	20	3	$31.20	Yes	$39.63	$8.43
212	1-Sep-10	20	4	$33.17	Yes	$39.44	$6.27
213	1-Sep-10	20	4	$33.17	Yes	$39.63	$6.46
214	1-Sep-10	20	5	$33.52	Yes	$39.63	$6.11
215	1-Sep-10	20	5	$33.52	Yes	$39.44	$5.92
216	1-Sep-10	20	6	$33.60	Yes	$39.44	$5.84
217	1-Sep-10	20	6	$33.60	Yes	$39.63	$6.03
218	1-Sep-10	20	7	$34.81	Yes	$39.63	$4.82
219	1-Sep-10	20	7	$34.81	Yes	$39.44	$4.63
220	1-Sep-10	20	8	$34.81	Yes	$39.44	$4.63
221	1-Sep-10	20	8	$34.81	Yes	$39.63	$4.82
222	1-Sep-10	20	9	$34.74	Yes	$39.63	$4.89
223	1-Sep-10	20	9	$34.74	Yes	$39.44	$4.70
224	1-Sep-10	20	10	$36.46	Yes	$39.63	$3.17
225	1-Sep-10	20	10	$36.46	Yes	$39.44	$2.98
226	1-Sep-10	20	11	$36.81	Yes	$39.44	$2.63
227	1-Sep-10	20	11	$36.81	Yes	$39.63	$2.82
228	1-Sep-10	20	12	$36.81	Yes	$39.63	$2.82
229	1-Sep-10	20	12	$36.81	Yes	$39.44	$2.63
230	1-Sep-10	21	1	$35.38	Yes	$39.63	$4.25
231	1-Sep-10	21	1	$35.38	Yes	$39.44	$4.06
232	1-Sep-10	21	2	$36.00	Yes	$39.63	$3.63
233	1-Sep-10	21	2	$36.00	Yes	$39.44	$3.44
234	1-Sep-10	21	3	$35.59	Yes	$39.63	$4.04
235	1-Sep-10	21	3	$35.59	Yes	$39.44	$3.85
236	1-Sep-10	21	4	$36.24	Yes	$39.63	$3.39
237	1-Sep-10	21	4	$36.24	Yes	$39.44	$3.20
238	1-Sep-10	21	5	$35.43	Yes	$39.63	$4.20
239	1-Sep-10	21	5	$35.43	Yes	$39.44	$4.01
240	1-Sep-10	21	6	$34.40	Yes	$39.44	$5.04
241	1-Sep-10	21	6	$34.40	Yes	$39.63	$5.23
242	1-Sep-10	21	7	$33.57	Yes	$39.44	$5.87
243	1-Sep-10	21	7	$33.57	Yes	$39.63	$6.06
244	1-Sep-10	21	8	$34.65	Yes	$39.44	$4.79
245	1-Sep-10	21	8	$34.65	Yes	$39.63	$4.98
246	1-Sep-10	21	9	$33.15	Yes	$39.44	$6.29
247	1-Sep-10	21	9	$33.15	Yes	$39.63	$6.48
248	1-Sep-10	21	10	$27.95	Yes	$39.44	$11.49
249	1-Sep-10	21	10	$27.95	Yes	$39.63	$11.68
250	1-Sep-10	21	11	$27.13	Yes	$39.63	$12.50
251	1-Sep-10	21	11	$27.13	Yes	$39.44	$12.31
252	1-Sep-10	21	12	$27.58	Yes	$39.44	$11.86
253	1-Sep-10	21	12	$27.58	Yes	$39.63	$12.05

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
254	1-Sep-10	22	1	$36.78	Yes	$39.44	$2.66
255	1-Sep-10	22	1	$36.78	Yes	$39.63	$2.85
256	1-Sep-10	22	2	$36.78	Yes	$39.63	$2.85
257	1-Sep-10	22	2	$36.78	Yes	$39.44	$2.66
258	1-Sep-10	22	3	$35.36	Yes	$39.63	$4.27
259	1-Sep-10	22	3	$35.36	Yes	$39.44	$4.08
260	1-Sep-10	22	4	$34.32	Yes	$39.44	$5.12
261	1-Sep-10	22	4	$34.32	Yes	$39.63	$5.31
262	1-Sep-10	22	5	$34.50	Yes	$39.63	$5.13
263	1-Sep-10	22	5	$34.50	Yes	$39.44	$4.94
264	1-Sep-10	22	6	$26.70	Yes	$39.63	$12.93
265	1-Sep-10	22	6	$26.70	Yes	$39.44	$12.74
266	1-Sep-10	22	7	$26.38	Yes	$39.63	$13.25
267	1-Sep-10	22	7	$26.38	Yes	$39.44	$13.06
268	1-Sep-10	22	8	$25.74	Yes	$39.63	$13.89
269	1-Sep-10	22	8	$25.74	Yes	$39.44	$13.70
270	1-Sep-10	22	9	$25.69	Yes	$39.63	$13.94
271	1-Sep-10	22	9	$25.69	Yes	$39.44	$13.75
272	1-Sep-10	22	10	$25.74	Yes	$39.44	$13.70
273	1-Sep-10	22	10	$25.74	Yes	$39.63	$13.89
274	1-Sep-10	22	11	$24.76	Yes	$39.63	$14.87
275	1-Sep-10	22	11	$24.76	Yes	$39.44	$14.68
276	1-Sep-10	22	12	$24.76	Yes	$39.63	$14.87
277	1-Sep-10	22	12	$24.76	Yes	$39.44	$14.68
278	1-Sep-10	23	1	$32.92	Yes	$39.44	$6.52
279	1-Sep-10	23	2	$32.92	Yes	$39.44	$6.52
280	1-Sep-10	23	3	$30.04	Yes	$39.44	$9.40
281	1-Sep-10	23	4	$29.58	Yes	$39.44	$9.86
282	1-Sep-10	23	5	$26.97	Yes	$39.44	$12.47
283	1-Sep-10	23	6	$26.97	Yes	$39.44	$12.47
284	1-Sep-10	23	7	$27.17	Yes	$39.44	$12.27
285	1-Sep-10	23	8	$26.61	Yes	$39.44	$12.83
286	1-Sep-10	23	9	$26.60	Yes	$39.44	$12.84
287	1-Sep-10	23	10	$26.76	Yes	$39.44	$12.68
288	1-Sep-10	23	11	$26.38	Yes	$39.44	$13.06
289	1-Sep-10	23	12	$26.19	Yes	$39.44	$13.25
290	1-Sep-10	24	1	$30.69	Yes	$39.44	$8.75
291	1-Sep-10	24	2	$30.69	Yes	$39.44	$8.75
292	1-Sep-10	24	3	$31.52	Yes	$39.44	$7.92
293	1-Sep-10	24	4	$31.95	Yes	$39.44	$7.49
294	1-Sep-10	24	5	$30.89	Yes	$39.44	$8.55
295	1-Sep-10	24	6	$30.80	Yes	$39.44	$8.64
296	1-Sep-10	24	7	$29.63	Yes	$39.44	$9.81
297	1-Sep-10	24	8	$28.83	Yes	$39.44	$10.61
298	1-Sep-10	24	9	$28.02	Yes	$39.44	$11.42

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
299	1-Sep-10	24	10	$27.66	Yes	$39.44	$11.78
300	1-Sep-10	24	11	$26.81	Yes	$39.44	$12.63
301	1-Sep-10	24	12	$24.94	Yes	$39.44	$14.50
302	27-Sep-10	23	1	$120.19	Yes	$43.97	-$76.22
303	27-Sep-10	23	2	$95.05	Yes	$43.97	-$51.08
304	27-Sep-10	23	3	$49.88	Yes	$43.97	-$5.91
305	27-Sep-10	23	4	$44.79	Yes	$43.97	-$0.82
306	27-Sep-10	23	5	$44.56	Yes	$43.97	-$0.59
307	27-Sep-10	23	6	$40.61	Yes	$43.97	$3.36
308	27-Sep-10	23	7	$41.05	Yes	$43.97	$2.92
309	27-Sep-10	23	8	$40.69	Yes	$43.97	$3.28
310	27-Sep-10	23	9	$40.46	Yes	$43.97	$3.51
311	27-Sep-10	23	10	$40.48	Yes	$43.97	$3.49
312	27-Sep-10	23	11	$40.13	Yes	$43.97	$3.84
313	27-Sep-10	23	12	$40.13	Yes	$43.97	$3.84
314	27-Sep-10	24	1	$41.38	Yes	$43.97	$2.59
315	27-Sep-10	24	2	$41.02	Yes	$43.97	$2.95
316	27-Sep-10	24	3	$40.61	Yes	$43.97	$3.36
317	27-Sep-10	24	4	$40.44	Yes	$43.97	$3.53
318	27-Sep-10	24	5	$40.90	Yes	$43.97	$3.07
319	27-Sep-10	24	6	$40.50	Yes	$43.97	$3.47
320	27-Sep-10	24	7	$40.59	Yes	$43.97	$3.38
321	27-Sep-10	24	8	$40.18	Yes	$43.97	$3.79
322	27-Sep-10	24	9	$40.04	Yes	$43.97	$3.93
323	27-Sep-10	24	10	$38.78	Yes	$43.97	$5.19
324	27-Sep-10	24	11	$37.31	Yes	$43.97	$6.66
325	27-Sep-10	24	12	$33.31	Yes	$43.97	$10.66
326	29-Sep-10	16	12	$716.48	Yes	$48.24	-$668.24
327	29-Sep-10	17	1	$714.53	Yes	$48.24	-$666.29
328	29-Sep-10	17	2	$401.94	Yes	$48.24	-$353.70
329	29-Sep-10	17	3	$392.38	Yes	$48.24	-$344.14
330	29-Sep-10	17	4	$715.20	Yes	$48.24	-$666.96
331	29-Sep-10	17	5	$376.20	Yes	$48.24	-$327.96
332	29-Sep-10	17	6	$390.04	Yes	$48.24	-$341.80
333	29-Sep-10	17	7	$498.50	Yes	$48.24	-$450.26
334	29-Sep-10	17	8	$353.68	Yes	$48.24	-$305.44
335	29-Sep-10	17	9	$122.42	Yes	$48.24	-$74.18
336	29-Sep-10	17	10	$91.09	Yes	$48.24	-$42.85
337	29-Sep-10	17	11	$69.26	Yes	$48.24	-$21.02
338	29-Sep-10	17	12	$67.81	Yes	$48.24	-$19.57
339	29-Sep-10	18	1	$67.09	Yes	$48.24	-$18.85
340	29-Sep-10	18	2	$47.55	Yes	$48.24	$0.69
341	29-Sep-10	18	3	$46.01	Yes	$48.24	$2.23
342	29-Sep-10	18	4	$40.31	Yes	$48.24	$7.93
343	29-Sep-10	18	5	$43.43	Yes	$48.24	$4.81

Number	Trade Date	Trade Hour	Interval	Market LMP	Eligible Flag	Calculated LMP	Change in LMP
344	29-Sep-10	18	6	$41.63	Yes	$48.24	$6.61
345	29-Sep-10	18	7	$43.13	Yes	$48.24	$5.11
346	29-Sep-10	18	8	$42.12	Yes	$48.24	$6.12
347	29-Sep-10	18	9	$42.11	Yes	$48.24	$6.13
348	29-Sep-10	18	10	$41.95	Yes	$48.24	$6.29
349	29-Sep-10	18	11	$41.95	Yes	$48.24	$6.29
350	29-Sep-10	18	12	$41.43	Yes	$48.24	$6.81
351	29-Sep-10	19	1	$43.67	Yes	$48.24	$4.57
352	29-Sep-10	19	2	$43.66	Yes	$48.24	$4.58

Appendix C: Exceptional Dispatch Bid Mitigation Analysis

In September 2010, the ISO applied the exceptional dispatch bid mitigation to the exceptional dispatches that are noncompetitive TMODELs[9] 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 $27,607. Without the exceptional dispatch bid mitigation, the costs for these types of exceptional dispatches would be $42,443. The cost saving from the exceptional dispatch bid mitigation was $14,836.

Table 10: Bid Mitigation Analysis for September

Type	Number of Resources	Costs without Bid Mitigation	Costs with Bid Mitigation	Cost Saving
Delta Dispatch	1	$32,557	$21,860	$10,697
TMODEL6	1	$9,886	$5,747	$4,139
Total	2	$42,443	$27,607	$14,836

---

[9] 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, 2010.

/s/ Anna Pascuzzo
Anna Pascuzzo