September 15, 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. ER06-615-___ and ER07-1257-___
Market Disruption Report**

Dear Secretary Bose:

The California Independent System Operator Corporation (ISO) hereby submits its July/Aug report covering Market Disruptions reportable events under Section 7.7.15 of its FERC Electric Tariff (ISO Tariff) that occurred from July 16, 2010 to August 15, 2010.[1]

Please contact the undersigned with any questions.

Respectfully submitted,

By: */s/ Anna McKenna*
Nancy Saracino
  General Counsel
Anthony Ivancovich
  Assistant General Counsel
Anna McKenna
  Senior Counsel
California Independent System
Operator Corporation
151 Blue Ravine Road
Folsom, CA 95630
Tel: (916) 608-7209
Fax: (916) 608-7296
amckenna@caiso.com

---

[1]   The ISO submits the Market Disruption report pursuant to *California Independent System Operator Corp.*, 126 FERC ¶ 61,211 (2009), and Section 7.7.15.4 of the ISO Tariff.

Market Disruption Report
July 16, 2010 to August 15, 2010

September 15, 2010

ISO Department of Market Services

I.   Background

A Market Disruption is an action or event that causes a failure of a CAISO Market, related to system operation issues or System Emergencies.[1] Pursuant to Section 7.7.15 of the CAISO Tariff, the California Independent System Operator Corporation (ISO or CAISO) can take one or more of a number of specified actions in the event of a Market Disruption, to prevent a Market Disruption, or to minimize the extent of a Market Disruption. The ISO interprets this to mean that a Market Disruption occurs and the ISO is obligated to report its occurrence in any of the following circumstances:

- When any of the ISO market processes fail to publish, including the Integrated Forward Market ("IFM"), Residual Unit Commitment ("RUC"), Hour-Ahead Scheduling Process ("HASP"), Real-Time Unit Commitment ("RTUC"), or Real-Time Dispatch ("RTD") processes;

- When the ISO manually overrides the closing of the Day-Ahead Market; or

- Any time that the ISO removes Bids from a CAISO Market to prevent a Market Disruption or to minimize the extent of a Market Disruption.

The Market Disruption report contains the following information:

- The frequency and types of actions taken by the ISO pursuant to Section 7.7.15;

- The nature of the Market Disruptions that caused the ISO to take action, or the Market Disruptions that were successfully prevented or minimized by the ISO as a result of taking action, and the ISO's rationale for taking such actions pursuant to Section 7.7.15;

- Information about the Bids (including Self-Schedules) removed pursuant to Section 7.7.15 (*i.e.* megawatt quantity, point of interconnection, specification of the Day-Ahead versus Real-Time Bid, and Energy or Ancillary Services Bid); and

- The ISO's rationale for its removal of Bids (including Self-Schedules) pursuant to Section 7.7.15.[2]

---

[1]   These system operation issues or System Emergencies are referred to in Sections 7.6 and 7.7, respectively, of the CAISO Tariff. CAISO Tariff, Appendix A, definition of Market Disruption. Capitalized terms not otherwise defined herein have the meanings set forth in the CAISO Tariff.

[2]   *Id.* at P 29 & n.29.

II. Report on Market Disruptions Occurring from July 16, 2010 through August 15, 2010

The ISO's report on Market Disruptions that occurred during the time period from July 16, 2010 through August 15, 2010, is provided in Table 1 and Attachment A below. Attachment A includes an entry for each reportable Market Disruption event and each entry also indicates:

(1) The date of the Market Disruption;

(2) The hour and Dispatch Interval when the Market Disruption ended;

(3) The type of CAISO Market in which the Market Disruption occurred; and

(4) A description of the nature of the Market Disruption, the nature of any actions taken by the ISO, the rationale for such actions, and the Market Disruption prevented or minimized as a result of taking such actions.

For each of the CAISO Markets, Table 1 lists the number of Market Disruptions and the number of times that the ISO removed Bids (including Self-Schedules) during the time period covered by this report. As shown in Table 1, there were a total of 141 Market Disruptions for the reporting period, all of which occurred in the Real-Time Market (RTM). The number of Market Disruptions increased by 12 compared with the August 2010 report. Table 1 also indicates that the ISO did not remove any Bids (including Self-Schedules) in any of its markets during the reporting period.

Table 1 and Attachment A indicate that there were 27 instances of RTUC failures, including four HASP failures. The count of RTUC failures and HASP failures remained approximately same compared with the August 2010 Report. Most of the RTUC failures (including the HASP failure) were caused by software application failure, compensating injection, software application not running, database issue or bid transfer issue. The frequency of RTD failures increased to 114 from 100 such instances reported in the August 2010 Report. Most of the RTD failures were due to software application failure, software application timing out, database issue or broadcast results failure. RTD failures accounted for approximately 80 percent of all of the Market Disruptions during this reporting period.

On July 22, there were six RTD failures due to broadcast results and four other RTD failures occurred due to infeasible solution. On July 29, four RTUC failures occurred due to bid transfer. Another RTD failure occurred on that day

due to broadcast results. On July 30, there were six RTUC failures and one HASP failure due to software application failure and compensating injection.

On August 2, there were four RTD failures and one RTUC failure, due to planned patch deployment. Seven other RTD failures on that day were driven by the failure of broadcast results. On August 4, three RTUC and one RTD failures occurred either due to compensating injection or due to emergency patch deployment for compensating injection. Two other RTD failures occurred each due to database maintenance and failure to broadcast results. On August 5, three RTD failures and one RTUC failure occurred due to patch installation maintenance. Three other RTD failures occurred on the same day and then advisory results were sent out. On August 6, there were four RTD failures due to broadcast results and three other RTD failures occurred due to software application timing out.

Table 1: Summary of Market Disruption Report

Type of CAISO Market	Market Disruption or Reportable Events	Removal of Bids (including Self-Schedules)
Day-Ahead		
IFM	0	0
RUC	0	0
Real-Time		
Real-Time Unit Commitment Interval 1	3	0
Real-Time Unit Commitment Interval 2	5	0
Real-Time Unit Commitment Interval 3	13	0
Real-Time Unit Commitment Interval 4	6	0
Real-Time Dispatch	114	0

ATTACHMENT A

California Independent System Operator Corporation
Market Disruption Report
September 15, 2010

Table 1: Market Disruptions, Nature of Actions Taken by the California ISO, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
1	7/16/2010	1	3	RTD	Broadcast of RTD results failed due to RTD taking longer than expected time to solve. Loss clearing payload and LMP filled from last good interval.
2	7/16/2010	23	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
3	7/17/2010	1	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
4	7/17/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
5	7/18/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
6	7/18/2010	23	3	RTUC	RTUC did not run. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
7	7/19/2010	1	4	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
8	7/19/2010	1	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
9	7/19/2010	13	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
10	7/20/2010	18	11	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
11	7/20/2010	22	7	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
12	7/20/2010	23	2	HASP	HASP failed. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedules that was not dispatched by the ISO is treated as an Operational Adjustment (Tier 2) for Settlement purposes.
13	7/21/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
14	7/21/2010	16	10	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
15	7/21/2010	16	11	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
16	7/22/2010	1	3	RTD	Broadcast of RTD results failed due to RTD taking longer than expected time to solve. Loss clearing payload and LMP filled from last good interval.
17	7/22/2010	1	4	RTD	Broadcast of RTD results failed due to RTD taking longer than expected time to solve. Loss clearing payload and LMP filled from last good interval.
18	7/22/2010	4	4	RTD	Broadcast of RTD results failed due to RTD taking longer than expected time to solve. Loss clearing payload and LMP filled from last good interval.
19	7/22/2010	21	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
20	7/22/2010	21	10	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from last good interval.
21	7/22/2010	21	11	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from last good interval.
22	7/22/2010	21	12	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from last good interval.
23	7/22/2010	22	1	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from next good interval.
24	7/22/2010	22	2	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from next good interval.
25	7/22/2010	23	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
26	7/23/2010	1	4	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
27	7/23/2010	3	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
28	7/23/2010	4	10	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
29	7/24/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
30	7/24/2010	2	12	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
31	7/25/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
32	7/25/2010	1	5	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from last good interval.
33	7/25/2010	1	6	RTD	RTD failed due to infeasible solution. Loss clearing payload and LMP filled from last good interval.
34	7/26/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
35	7/26/2010	12	6	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
36	7/27/2010	23	1	RTUC	RTUC failed due to compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
37	7/27/2010	23	2	HASP	HASP failed due to compensating injection. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedules that was not dispatched by the ISO is treated as an Operational Adjustment (Tier 2) for Settlement purposes.
38	7/27/2010	23	3	RTUC	RTUC did not run due to compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
39	7/28/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
40	7/28/2010	23	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
41	7/28/2010	23	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
42	7/28/2010	23	6	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
43	7/28/2010	23	7	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
44	7/29/2010	4	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
45	7/29/2010	20	2	HASP	HASP failed. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedules that was not dispatched by the ISO is treated as an Operational Adjustment (Tier 2) for Settlement purposes.
46	7/29/2010	20	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
47	7/29/2010	21	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
48	7/29/2010	22	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
49	7/29/2010	23	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
50	7/29/2010	24	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
51	7/30/2010	1	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
52	7/30/2010	6	1	RTUC	RTUC did not run due to network application failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
					this interval.
53	7/30/2010	6	2	HASP	HASP failed due to network application failure. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedules that was not dispatched by the ISO is treated as an Operational Adjustment (Tier 2) for Settlement purposes.
54	7/30/2010	6	3	RTUC	RTUC failed due to network application failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
55	7/30/2010	19	3	RTUC	RTUC failed due to network application failure and compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
56	7/30/2010	19	4	RTUC	RTUC failed due to network application failure and compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
57	7/30/2010	21	4	RTUC	RTUC failed due to network application failure and compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
58	7/31/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
59	7/31/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
60	7/31/2010	1	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
61	7/31/2010	2	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
62	7/31/2010	4	10	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
63	8/1/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
64	8/1/2010	1	4	RTD	Broadcast of RTD results failed due to RTD taking longer than expected time to solve. Loss clearing payload and LMP filled from last good interval.
65	8/1/2010	1	10	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
66	8/1/2010	2	3	RTUC	RTUC failed. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
67	8/2/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
68	8/2/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
69	8/2/2010	1	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
70	8/2/2010	1	6	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
71	8/2/2010	1	7	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
72	8/2/2010	1	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
73	8/2/2010	17	4	RTUC	RTUC did not run due to planned patch deployment. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
74	8/2/2010	17	6	RTD	RTD did not run due to patch installation. Loss clearing payload and LMP filled from last good interval.
75	8/2/2010	17	7	RTD	RTD did not run due to patch installation. Loss clearing payload and LMP filled from last good interval.
76	8/2/2010	17	8	RTD	RTD did not run due to patch installation. Loss clearing payload and LMP filled from last good interval.
77	8/2/2010	17	9	RTD	RTD did not run due to patch installation. Loss clearing payload and LMP filled from last good interval.
78	8/2/2010	23	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
79	8/3/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
80	8/3/2010	1	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
81	8/3/2010	1	6	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
82	8/3/2010	9	8	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
83	8/4/2010	1	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
84	8/4/2010	1	3	RTUC	RTUC did not run. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
85	8/4/2010	1	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
86	8/4/2010	1	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
87	8/4/2010	11	7	RTD	RTD did not run due to RTN database maintenance. Loss clearing payload and LMP filled from last good interval.
88	8/4/2010	11	8	RTD	RTD did not run due to RTN database maintenance. Loss clearing payload and LMP filled from last good interval.
89	8/4/2010	19	4	RTUC	RTUC failed due to compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
90	8/4/2010	20	1	RTUC	RTUC failed due to compensating injection. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
91	8/4/2010	21	4	RTUC	RTUC failed. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
92	8/4/2010	21	6	RTD	RTD did not run due to emergency patch deployment. Loss clearing payload and LMP filled from last good interval.
93	8/5/2010	1	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
94	8/5/2010	1	4	RTD	RTD failed. Loss clearing payload and LMP filled from last good interval.
95	8/5/2010	15	11	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
96	8/5/2010	15	12	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
97	8/5/2010	16	1	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
98	8/5/2010	17	4	RTUC	RTUC did not run due to planned patch deployment. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
99	8/5/2010	17	6	RTD	RTD did not run due to patch installation maintenance. Loss clearing payload and LMP filled from last good interval.
100	8/5/2010	17	7	RTD	RTD did not run due to patch installation maintenance. Loss clearing payload and LMP filled from last good interval.
101	8/5/2010	17	8	RTD	RTD did not run due to patch installation maintenance. Loss clearing payload and LMP filled from last good interval.
102	8/6/2010	3	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
103	8/6/2010	5	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
104	8/6/2010	5	11	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
105	8/6/2010	6	5	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
106	8/6/2010	9	7	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
107	8/6/2010	20	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
108	8/6/2010	21	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
109	8/6/2010	24	10	RTD	RTD failed. Loss clearing payload and LMP filled from advisory results.
110	8/7/2010	3	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
111	8/7/2010	19	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
112	8/7/2010	22	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
113	8/7/2010	23	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
114	8/7/2010	24	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
115	8/8/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
116	8/8/2010	1	3	RTUC	RTUC did not run due to HASP robustness. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
117	8/8/2010	1	4	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
118	8/8/2010	4	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
119	8/8/2010	11	2	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
120	8/8/2010	14	2	HASP	HASP did not run due to bid transfer failure. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. This interval was filled either automatically or interactively. MQS published

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
					PNode clearing and resource awards for this interval. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedules that was not dispatched by the ISO is treated as an Operational Adjustment (Tier 2) for Settlement purposes.
121	8/8/2010	14	3	RTUC	RTUC did not run due to bid transfer failure. This interval was filled either automatically or interactively. MQS published PNode clearing and resource awards for this interval.
122	8/8/2010	20	7	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
123	8/8/2010	22	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
124	8/9/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
125	8/9/2010	1	4	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
126	8/10/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
127	8/10/2010	4	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
128	8/10/2010	23	4	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
129	8/11/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
130	8/11/2010	2	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.

Count	Date	Hour	Interval	Market	Nature of Actions, Nature of Market Disruption, Rationale and/or Market Disruption Prevented or Minimized as a Result of such Actions
131	8/11/2010	23	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
132	8/12/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
133	8/12/2010	4	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
134	8/12/2010	14	6	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
135	8/13/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
136	8/13/2010	1	4	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
137	8/13/2010	2	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
138	8/13/2010	14	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
139	8/13/2010	16	3	RTD	RTD timed out. Loss clearing payload and LMP filled from last good interval.
140	8/14/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.
141	8/15/2010	1	3	RTD	Broadcast of RTD results failed. Loss clearing payload and LMP filled from last good interval.

Notes:

Integrated Forward Market (IFM): The Day-Ahead Market run in which the ISO conducts the market for purchases and sales of Energy for all hours of the next Trading Day based on submitted supply and demand bids, and performs the procurement of Ancillary Services.

Term	Definition
Residual Unit Commitment (RUC)	The Day-Ahead Market run in which the ISO conducts unit commitment of additional resources based on submitted availability bids and the forecast of demand for every hour of the next Trading Day.
Real-Time Unit commitment (RTUC) Interval 1	The first of a series of four market runs conducted every Trading Hour in advance of the Operating Hour. In this run the ISO conducts the Market Power Mitigation and Reliability Requirement Determination for submitted Bids, which applies to all of the Real-Time Market processes for the given Trading Hour. In this interval the ISO also conducts the procurement of incremental Ancillary Services from internal resources and dynamic external resources.
Real-Time Unit commitment (RTUC) Interval 2	The second of a series of four market runs conducted every Trading Hour in advance of the Operating Hour during which the ISO conducts the HASP. In the HASP, the ISO conducts the procurement and sale of Energy and Ancillary services from non-dynamic System Resources based on submitted Bids and the CAISO Forecast of CAISO Demand. In this interval the ISO also conducts the advisory procurement of incremental Ancillary Services from internal resources and dynamic external resources from T to T+60 minutes and procurement for the given Trading Hour.
Real-Time Unit commitment (RTUC) Interval 3	The third of a series of four market runs conducted every Trading Hour. During this interval the ISO conducts the commitment of internal Short-Start and Fast Start Units for the Time Horizon of T-30 minutes to T+240 minutes. In this interval the ISO also conducts the procurement of incremental Ancillary Services from internal resources and dynamic external resources for the given Trading Hour.
Real-Time Unit commitment (RTUC) Interval 4	The fourth of a series of four market runs conducted every Trading Hour. This interval is for the Real-time Unit Commitment for the T-105 minutes to T+60 minutes time horizon. In this interval the ISO also conducts 15-minute Ancillary Service Awards for non-Hourly System Resources, internal resources and dynamic external resources for the given Trading Hour.
Real-Time Dispatch (RTD)	The five minute interval of any given Operating Hour during which the ISO conducts the market for Energy based on submitted bids and the CAISO Forecast of CAISO Demand.

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon the parties listed on the official service list in the captioned 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 15th day of September, 2010.

/s/ Jane Ostapovich

Jane Ostapovich