ALSTON&BIRD LLP

The Atlantic Building
950 F Street, NW
Washington, DC 20004-1404

202-756-3300
Fax: 202-756-3333

Bradley R. Miliauskas Direct Dial: 202-756-3405 Email: bradley.miliauskas@alston.com

May 18, 2009

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

Re: California Independent System Operator Corporation
Docket Nos. ER06-615-___, ER07-1257-___, ER08-1178-___, and EL08-88-___
Corrected Version of Exceptional Dispatch and Market Disruption Report Filing

Dear Secretary Bose:

On May 15, 2009, the California Independent System Operator Corporation ("ISO") submitted for filing on an informational basis, in Docket Nos. ER08-1175 and ER06-615, a report providing details concerning Exceptional Dispatches and Market Disruptions ("May 15 Report Filing"). It has come to the ISO's attention that the report was inadvertently filed in the wrong docket (*i.e.*, ER08-1175 rather than ER08-1178) and that Attachment A was incomplete. Therefore, the ISO is submitting and serving the instant filing for the purpose of replacing in its entirety the May 15 Report Filing.

The ISO regrets any confusion that may have resulted from the May 15 Report Filing. If there are any questions concerning the instant filing, please contact the undersigned.

Respectfully submitted,

/s/ Bradley R. Miliauskas

Sidney M. Davies
Assistant General Counsel
Anna A. McKenna
Senior Counsel
The California Independent
System Operator Corporation
151 Blue Ravine Road
Folsom, CA 95630
Tel: (916) 351-4400
Fax: (916) 608-7246

Sean A. Atkins
Bradley R. Miliauskas
Alston & Bird LLP
The Atlantic Building
950 F Street, NW
Washington, DC 20004-2601
Tel: (202) 756-3300
Fax: (202) 756-3333

California Independent
System Operator Corporation

May 18, 2009

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-___, ER07-1257-___, ER08-1178-___,
and EL08-88-___
Exceptional Dispatch and Market Disruption Reports**

Dear Secretary Bose:

Pursuant to Paragraph 263 of the Federal Energy Regulatory Commission's (FERC or Commission) February 20, 2009, order in Docket Nos. ER08-1175 *et al*. and the Paragraph 29 in the March 9, 2009 order in ER06-615 *et al*.[1]and Sections 34.9.4 and 7.7.15.4 of its FERC Electric Tariff, the California Independent System Operator Corporation (ISO or CAISO) respectfully submits for filing on an informational basis this report providing details concerning Exceptional Dispatches and Market Disruptions.

The Commission directed the ISO to file the initial Exceptional Dispatch and the Market Disruption reports with the Commission within 60 days of implementation of the ISO's new Market Redesign and Technology Upgrade (MRTU) and every 60 days thereafter.[2] In its March 23 compliance filing, the ISO proposed to file its first Exceptional Dispatch and Market Disruption report on May 15, 2009, well within the sixty-day directive, and then file the report every other month on the fifteenth of the month.[3] Subsequently, in its April 28, 2009 answer to comments and protests in the ER08-1175, the ISO proposed to file reports on a monthly basis on the 15th.

In accordance with the Commission's directive to file its first report within 60 days and consistent with the ISO's statements, this report covers the first 15 days of the

---

1 *California Indep. Sys. Operator Corp.*, 126 FERC ¶ 61,150 (2009) (February 20 Order); *California Indep. Sys. Operator Corp.*, 126 FERC ¶ 61,211 (2009) (March 9 Order).

2 *See* February 20 Order at P263 and March 9 Order at P 29.

3 *See* Compliance Filing, submitted on March 23, 2009 at page 13, Docket ER08-1175; and California Independent System Operator Corporation, Compliance Filing submitted on April 8, 2009, Docket No. ER06-615 at page 6.

ISO's new market design. Based on its revised proposal, the ISO intends to file its second report on June 15 unless otherwise directed by the Commission.

Exceptional Dispatch Report

As directed by Paragraph 263 of the February 20 Order, the ISO added Section 34.9.4 to the CAISO Tariff. Section 34.9.4 requires the ISO to report on the "frequency, volume, costs, causes, and degree of mitigation of Exceptional Dispatches." In its April 28 answer to comments and protests, the ISO provided the following additional information concerning the level of detail the ISO intends to provide in the Exceptional Dispatch report:

- The frequency of Exceptional Dispatches (*i.e.*, the ISO will identify each Exceptional Dispatch and the date or dates on which it occurred);
- The gross volume in MW of the Exceptional Dispatch;
- The cause of the Exceptional Dispatch (*e.g.*, transmission outages on a particular line) and the reason that an Exceptional Dispatch was necessary;
- The cost of the Exceptional Dispatch, which would include Exceptional Dispatch Energy, Excess Cost Payments for Exceptional Dispatches, Exceptional Dispatch ICPM payments, and supplemental revenues;[4]
- The degree of mitigation achieved by the Exceptional Dispatch, *i.e.* whether any Exceptional Dispatch Bids were mitigated;
- The location of the exceptionally dispatched resources at the level of Local Reliability Area if relevant and applicable and to the extend such information is readily determinable; and
- The market in which the Exceptional Dispatch occurred.

This report provides information concerning all of the above items with two exceptions. First, as noted in footnote 22 of the ISO's April 28 answer, the May report does not include any cost data. The ISO intends to provide cost data for these first 15 days as soon as it has settlement quality data available.[5] Second, the "degree of

---

[4] The ISO notes that, until payment acceleration, settlement quality data for the Exceptional Dispatches discussed in the report will not be available in time to include it in the report. When settlement quality data is available, the ISO will include the details in the next available report. Once payment acceleration is in place, the cost data for the Exceptional Dispatches—based on estimated meter data—should be available in time to include it in the same report.

[5] In this regard, the ISO notes that there were no Exceptional Dispatches that would have triggered the right to supplemental revenues during the first 15 days. Moreover, in its April 28 answer, the ISO proposed to report on any Exceptional Dispatch receiving an Interim Capacity Procurement Mechanism ("ICPM") designation through the ICPM reporting requirements, subject to proposed modifications

mitigation" is really only relevant as of Trading Days occurring on and after August 1, 2009 when only Bids for non-competitive constraints and Delta Dispatch will be mitigated. For the first four months, all Bids that are settled at the higher of Bid price, Resource Specific Marginal Price or Default Energy Bid are subject to Bid mitigation except for decremental Exceptional Dispatches.[6]

The ISO has endeavored to develop a comprehensive report itemizing all Exceptional Dispatches occurring in the first 15 days and believes that it is substantially complete and accurate. However, due to the fact that data gathering involved manual review of individual logs, the fact that logging practices are not automated and due to the fact that the post process review of market data to ensure quality is not complete as the timeline for the post process is aligned with the settlement cycle, it is possible that additional Exceptional Dispatches occurred during the fifteen day period. The ISO will republish revised versions of the attachments when it submits the cost data for this time period. Notwithstanding the ISO's inability to guarantee that it has captured all the relevant data, the ISO believes the information to be substantially complete and provides a reliable indication of the frequency and causes of Exceptional Dispatch during the first fifteen days of MRTU.

Attachment A includes an entry for each Exceptional Dispatch that occurred for Operating Days April 1 through April 15 and shows that there was a total of 223 Exceptional Dispatches. Each entry also indicates: (1) the date of the Exceptional Dispatch; (2) the reason for the Exceptional; (3) the location of the resource by Participating Transmission Owner area and the Local Capacity Requirements Area (if the Exceptional Dispatch was for local reasons); and the market in which the Exceptional Dispatch occurred. Many of the reasons are self explanatory and include transmission or generator outages, references to specific Operating Procedures, including T-138, G-219,[7] over generation and resource ramping constraints. For the first two days of the ISO's new market design, ISO operators committed additional units to ensure a reliable transition from the zonal market to the nodal market. This practice is consistent with the ISO's implementation of significant market changes (i.e. Phase 1B). Moreover, this increased commitment was discussed with market participants during the Cutover & Reversion planning process. The reason indicated for these Exceptional Dispatches is "System-Capacity." "Software Limitation" includes a number of different instances

---

concerning the timing of some of the requirements. Specifically, the ISO proposed to modify the timing of the issuance of Market Notice from two days from the ICPM designation to two days from the date the ISO discovers that it has made an Exceptional Dispatch ICPM. In addition, the ISO has proposed a single ICPM reporting requirement 20 days following the end of the month in which the ICPM designation occurred. The ISO will be posting the April ICPM report on May 20th consistent with the notification posted on April 24, 2009.

[6] Section 34.9.1 allows the CAISO to except a Bid from a Non-Dynamic System Resource, in which case the ISO will pay the resource as Bid without mitigation and without triggering any supplemental compensation in the form of ICPM payment or supplemental revenues.

[7] 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.

where ISO Operators issued Exceptional Dispatches to augment or modify market results such as 1) to keep a resource on that had previously had a market dispatch to shutdown or was already subject to an Exceptional Dispatch but the software was instructing the resource to go to zero; 2) to reverse a market instruction to a unit that was either off or on to stay off or on when the software was trying to give an opposite instruction; and 3) to keep a unit off or on to manage the unit's start up and shut down requirements. The need for some of these Exceptional Dispatches has lead to recognition of variances that are being addressed. Other Exceptional Dispatches in this category relate to the fact that the software does not consider a long enough time horizon to manage resources' operating constraints. In the latter case, the ISO has already initiated a project to enhance the market software.

Attachment B shows the total MW volume of incremental and decremental Exceptional Dispatches by day. The volume includes capacity committed through Exceptional Dispatch commitments and well as Exceptional Dispatches of incremental and decremental Energy.

Market Disruption Report

As directed in Paragraph 29 of the Commission's March 9 Order and Section 7.7.15.4 of the ISO tariff, the ISO submits this informational filing detailing the frequency and types of actions taken by the ISO pursuant to Section 7.7.15, as well as the nature of the market disruption and the rationale for taking such actions, including information about the Bids or Self-Schedules removed as a result of a Market Disruption under Section 7.7.15 (b) and well as the rational for the removal of any Bids under this section.

Attachment C includes an entry for each such reportable event by the date, hour ending, the type of CAISO Market, and a description of the nature of the Market Disruptions, the nature of the actions taken under Section 7.7.15 by the ISO, if any, the rationale, and the Market Disruption prevented or minimized as a result of such actions, if any.

With the receipt of the Commission's order imposing this reporting requirement less than one month before the start of MRTU, the ISO was not able to develop manual or automated procedures to efficiently collect the information requested. Therefore, it is possible that, despite the ISO's best efforts, this report may not include certain events the ISO would otherwise report pursuant to Section 7.7.15.4. Notwithstanding the ISO's inability to guarantee that it has captured all the relevant data, the ISO believes the information to be substantially complete and provides an accurate indication of Market Disruptions and actions taken under Section 7.7.15 of the ISO tariff. The ISO will report any missing reportable events it discovers after this filing in its next report to be filed on June 15, 2009. In addition, in light of the continuing nature of this reporting requirement, the ISO will continue to develop manual and automated procedures to enable it to prepare such reports more efficiently. Consequently, the presentation of future reports may differ

from this one, but will contain no less information, unless otherwise ordered by the Commission.

The table below provides a summary of the events reported in Attachment C.

Type of CAISO Market	Market Disruption or Reportable Events	Removal of Bids (including Self-Schedules)
Day-Ahead		
Integrated Forward Market	0	0
Residual Unit Commitment	0	1
Real-Time		
Real-Time Pre-Dispatch Interval 1	4	0
Real-Time Pre-Dispatch Interval 2	12	0
Real-Time Pre-Dispatch Interval 3	12	0
Real-Time Pre-Dispatch Interval 4	7	0
Real-Time Dispatch	68	0

The majority of the Market Disruption events reported in Attachment C pertain to the timing out, missed runs or inability for the Real-Time Dispatch (RTD) to run. In many instances, it is not possible to determine with great precision why these five-minute intervals have failed. However, for each such entry in Table 1 of Attachment C, the ISO has provided an indication as to whether the RTD failed because of the run timed out, the RTD did not run in that interval, or the RTD failed to come up with a solution.

A number of Market Disruptions events are also reported for the Real-Time Pre-Dispatch (or as specified in the tariff Real-Time Unit Commitment) intervals, which includes the Hour-Ahead Scheduling Process in the second interval (RTPD (2)). These disruptions were largely due to the transfer of Bids or data into the RTPD which then led to a failure of the actual run. The ISO has developed manual and automated procedures to mitigate for this issue, to the extent feasible. The ISO also experienced a number of failures in the third interval of the RTPD (RTPD (3)) due to a software variance, which as since been fixed and has mitigated for the occurrence of such failures.

No reportable events occurred for the Integrated Forward Market (IFM). As shown in Table 2 of Attachment C, in one instance the ISO removed a RUC Availability Bid, where the ISO identified an infeasibility created due to conditions coming out of IFM where the effective lower operating limit was greater than the high operating limit when considering, up-rated minimum load, awarded Regulation up and down and other reserve quantities. The ISO modified the software to resolve this conflict, which should prevent such infeasibilities in the future.

/s/ Sidney M. Davies__

Sidney M. Davies
Assistant General Counsel
Anna A. McKenna
Senior Counsel
California Independent System
Operator Corporation
151 Blue Ravine Road
Folsom, CA 95630
Tel: (916) 351-4400

ATTACHMENT A

California Independent System Operator Corporation
Exception Dispatch and Market Disruption Report
May 15, 2009

Attachement A: Table of Exceptional Dispatchs--April 1 through April 15

Number	Date	Resource Location	Market	Reason
1	4/1/2009	SCE	Real-Time	Software_Limitation
2	4/1/2009	SDGE	Real-Time	Transmission_Outage_SDGE
3	4/1/2009	SDGE	Day Ahead	System_Capacity
4	4/1/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
5	4/1/2009	SDGE	Real-Time	Ramp_Rate
6	4/1/2009	SDGE	Day Ahead	System_Capacity
7	4/1/2009	SCE	Day Ahead	System_Capacity
8	4/1/2009	SCE	Day Ahead	System_Capacity
9	4/1/2009	SCE	Real-Time	Market_Disruption
10	4/1/2009	PGAE	Real-Time	Software_Limitation
11	4/1/2009	SCE	Day Ahead	System_Capacity
12	4/1/2009	SCE	Real-Time	Software_Limitation
13	4/1/2009	SCE	Real-Time	Software_Limitation
14	4/1/2009	SCE	Day Ahead	System_Capacity
15	4/1/2009	PGAE/Humboldt	Real-Time	T-138
16	4/1/2009	PGAE	Real-Time	Software_Limitation
17	4/1/2009	PGAE/Humboldt	Real-Time	T-138
18	4/1/2009	PGAE/Humboldt	Real-Time	T-138
19	4/1/2009	PGAE	Real-Time	Ramp_Rate
20	4/1/2009	PGAE	Day Ahead	System_Capacity
21	4/1/2009	PGAE	Real-Time	Software_Limitation
22	4/1/2009	PGAE	Day Ahead	System_Capacity
23	4/1/2009	Intertie	HASP	Market_Disruption
24	4/1/2009	Intertie	HASP	Market_Disruption
25	4/1/2009	Intertie	HASP	Market_Disruption
26	4/1/2009	Intertie	HASP	Market_Disruption
27	4/1/2009	Intertie	HASP	Market_Disruption
28	4/1/2009	Intertie	HASP	Market_Disruption
29	4/1/2009	Intertie	HASP	Market_Disruption
30	4/1/2009	Intertie	HASP	Market_Disruption
31	4/1/2009	Intertie	HASP	Market_Disruption
32	4/1/2009	Intertie	HASP	Market_Disruption
33	4/2/2009	SCE	Real-Time	Software_Limitation
34	4/2/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
35	4/2/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
36	4/2/2009	SCE	Day Ahead	System_Capacity
37	4/2/2009	SCE	Real-Time	Software_Limitation
38	4/2/2009	PGAE	Real-Time	Software_Limitation
39	4/2/2009	PGAE	Real-Time	Software_Limitation
40	4/2/2009	PGAE/Humboldt	Real-Time	T-138
41	4/2/2009	PGAE	Real-Time	Software_Limitation
42	4/2/2009	PGAE/Humboldt	Real-Time	T-138
43	4/2/2009	PGAE	Real-Time	Software_Limitation
44	4/2/2009	PGAE	Real-Time	Software_Limitation
45	4/2/2009	PGAE	Real-Time	Software_Limitation
46	4/2/2009	PGAE	Real-Time	Software_Limitation

Number	Date	Resource Location	Market	Reason
47	4/2/2009	SCE	Real-Time	Software_Limitation
48	4/2/2009	SCE	Day Ahead	G-217
49	4/2/2009	Intertie	HASP	Market_Disruption
50	4/2/2009	Intertie	HASP	Market_Disruption
51	4/2/2009	Intertie	HASP	Market_Disruption
52	4/2/2009	Intertie	HASP	Market_Disruption
53	4/3/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
54	4/3/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
55	4/3/2009	SDGE	Real-Time	Ramp_Rate
56	4/3/2009	SDGE	Real-Time	Ramp_Rate
57	4/3/2009	SCE	Real-Time	Software_Limitation
58	4/3/2009	PGAE	Real-Time	Software_Limitation
59	4/3/2009	SDGE	Real-Time	Software_Limitation
60	4/3/2009	PGAE	Day Ahead	Transmission_Outage_PGAE
61	4/3/2009	PGAE	Day Ahead	Transmission_Outage_PGAE
62	4/3/2009	SDGE	Real-Time	Software_Limitation
63	4/3/2009	SCE	Real-Time	Software_Limitation
64	4/4/2009	PGAE	Real-Time	Software_Limitation
65	4/4/2009	PGAE	Real-Time	Software_Limitation
66	4/4/2009	SDGE	Real-Time	Software_Limitation
67	4/4/2009	PASA	Real-Time	Software_Limitation
68	4/4/2009	PASA	Real-Time	Software_Limitation
69	4/4/2009	PGAE	Real-Time	Software_Limitation
70	4/4/2009	PGAE	Real-Time	Software_Limitation
71	4/4/2009	PGAE	Real-Time	Software_Limitation
72	4/4/2009	PGAE	Real-Time	Software_Limitation
73	4/4/2009	SDGE	Real-Time	Software_Limitation
74	4/4/2009	SDGE	Real-Time	Software_Limitation
75	4/4/2009	PGAE	Real-Time	Telemetry_Error
76	4/4/2009	PGAE	Real-Time	Telemetry_Error
77	4/4/2009	PGAE	Real-Time	Telemetry_Error
78	4/4/2009	PGAE	Real-Time	Telemetry_Error
79	4/4/2009	Intertie	HASP	Market_Disruption
80	4/4/2009	Intertie	HASP	Market_Disruption
81	4/4/2009	Intertie	HASP	Market_Disruption
82	4/4/2009	Intertie	HASP	Market_Disruption
83	4/4/2009	Intertie	HASP	Market_Disruption
84	4/5/2009	PGAE	Real-Time	Generation_Outage_PGAE
85	4/5/2009	PGAE	Real-Time	Generation_Outage_PGAE
86	4/5/2009	PGAE	Real-Time	Generation_Outage_PGAE
87	4/5/2009	PGAE	Real-Time	Generation_Outage_PGAE
88	4/5/2009	SDGE	Real-Time	Software_Limitation
89	4/5/2009	PGAE	Real-Time	Software_Limitation
90	4/5/2009	PGAE	Real-Time	Software_Limitation
91	4/5/2009	SDGE	Real-Time	Market_Disruption
92	4/5/2009	SDGE	Real-Time	Market_Disruption
93	4/5/2009	PGAE	Real-Time	Software_Limitation
94	4/6/2009	SCE	Day Ahead	G-219
95	4/6/2009	SDGE	Day Ahead	Generation_Outage_SDGE
96	4/6/2009	SDGE	Day Ahead	G-219
97	4/6/2009	SDGE	Day Ahead	Transmission_Outage_SDGE

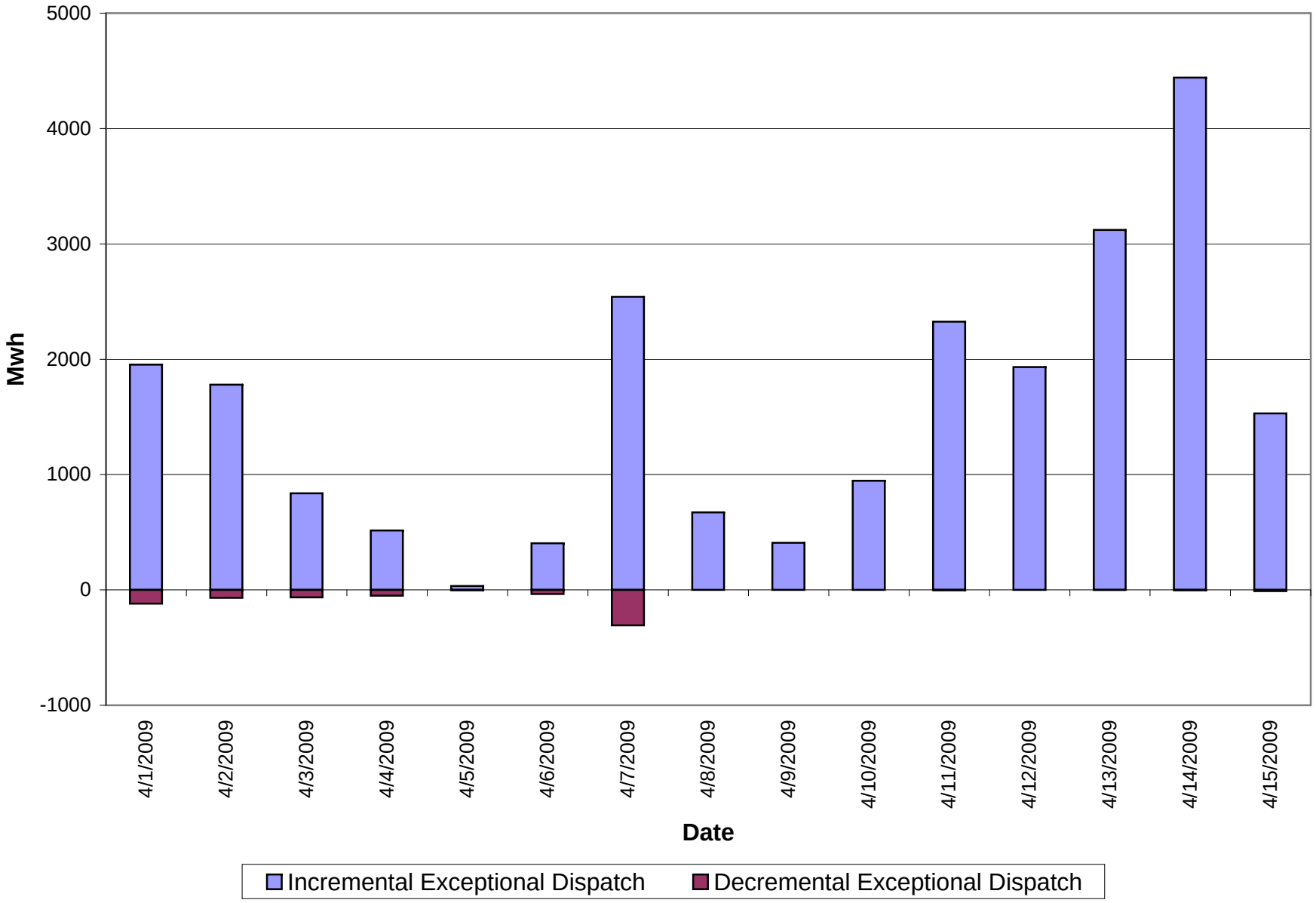
Number	Date	Resource Location	Market	Reason
98	4/6/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
99	4/6/2009	PGAE	Real-Time	Software_Limitation
100	4/6/2009	PGAE	Real-Time	Software_Limitation
101	4/6/2009	PGAE	Real-Time	Software_Limitation
102	4/7/2009	SCE	Day Ahead	Transmission_Outage_SCE
103	4/7/2009	SCE	Day Ahead	G-219
104	4/7/2009	SCE	Real-Time	Ramp_Rate
105	4/7/2009	SDGE	Day Ahead	Generation_Outage_SDGE
106	4/7/2009	SDGE	Day Ahead	Generation_Outage_SDGE
107	4/7/2009	SDGE	Day Ahead	Generation_Outage_SDGE
108	4/7/2009	SCE	Real-Time	Software_Limitation
109	4/7/2009	PGAE	Real-Time	Software_Limitation
110	4/7/2009	SCE	Real-Time	Transmission_Outage_SCE
111	4/8/2009	SCE	Day Ahead	G-219
112	4/8/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
113	4/8/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
114	4/8/2009	SCE	Day Ahead	Transmission_Outage_SCE
115	4/8/2009	SCE	Day Ahead	Transmission_Outage_SCE
116	4/9/2009	SCE	Day Ahead	G-219
117	4/9/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
118	4/9/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
119	4/9/2009	PGAE	Real-Time	Software_Limitation
120	4/9/2009	PGAE	Real-Time	Software_Limitation
121	4/9/2009	SCE	Day Ahead	Transmission_Outage_SCE
122	4/9/2009	SCE	Day Ahead	Transmission_Outage_SCE
123	4/9/2009	SCE	Real-Time	Transmission_Outage_SCE
124	4/9/2009	SCE	Real-Time	Transmission_Outage_SCE
125	4/10/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
126	4/10/2009	SCE	Day Ahead	Transmission_Outage_SCE
127	4/10/2009	SCE	Day Ahead	Transmission_Outage_SCE
128	4/11/2009	PGAE	Real-Time	Overgen
129	4/11/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
130	4/11/2009	PGAE	Day Ahead	Transmission_Outage_PGAE
131	4/11/2009	PGAE	Day Ahead	Transmission_Outage_PGAE
132	4/11/2009	PGAE	Real-Time	Software_Limitation
133	4/11/2009	PGAE	Real-Time	Software_Limitation
134	4/11/2009	PGAE	Real-Time	Software_Limitation
135	4/11/2009	PGAE	Real-Time	Software_Limitation
136	4/11/2009	CWRP	Real-Time	Overgen
137	4/11/2009	PGAE	Real-Time	Overgen
138	4/11/2009	PGAE	Real-Time	Overgen
139	4/11/2009	PGAE	Real-Time	Overgen
140	4/11/2009	PGAE	Real-Time	Overgen
141	4/11/2009	PGAE	Real-Time	Overgen
142	4/11/2009	PGAE	Real-Time	Overgen
143	4/11/2009	PGAE	Real-Time	Overgen
144	4/11/2009	SCE	Day Ahead	Transmission_Outage_SCE
145	4/11/2009	SCE	Real-Time	Overgen
146	4/11/2009	SCE	Day Ahead	Transmission_Outage_SCE
147	4/11/2009	SCE	Real-Time	Overgen
148	4/11/2009	Intertie	HASP	Market_Disruption

Number	Date	Resource Location	Market	Reason
149	4/11/2009	Intertie	HASP	Market_Disruption
150	4/11/2009	Intertie	HASP	Market_Disruption
151	4/11/2009	Intertie	HASP	Market_Disruption
152	4/11/2009	Intertie	HASP	Market_Disruption
153	4/11/2009	Intertie	HASP	Market_Disruption
154	4/11/2009	Intertie	HASP	Market_Disruption
155	4/11/2009	Intertie	HASP	Market_Disruption
156	4/11/2009	Intertie	HASP	Market_Disruption
157	4/11/2009	Intertie	HASP	Market_Disruption
158	4/11/2009	Intertie	HASP	Market_Disruption
159	4/11/2009	Intertie	HASP	Market_Disruption
160	4/12/2009	PGAE	Real-Time	Market_Disruption
161	4/12/2009	PGAE	Real-Time	Market_Disruption
162	4/12/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
163	4/12/2009	SCE	Real-Time	Market_Disruption
164	4/12/2009	PGAE	Real-Time	Market_Disruption
165	4/12/2009	SCE	Day Ahead	Transmission_Outage_SCE
166	4/12/2009	SCE	Day Ahead	Transmission_Outage_SCE
167	4/13/2009	SCE	Day Ahead	G-219
168	4/13/2009	SCE	Real-Time	Ramp_Rate
169	4/13/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
170	4/13/2009	SDGE	Real-Time	Software_Limitation
171	4/13/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
172	4/13/2009	SDGE/San Diego	Day Ahead	G-206
173	4/13/2009	PGAE	Real-Time	Software_Limitation
174	4/13/2009	PGAE	Real-Time	Ramp_Rate
175	4/13/2009	SCE	Real-Time	Transmission_Outage_SCE
176	4/13/2009	SCE	Day Ahead	Transmission_Outage_SCE
177	4/13/2009	SCE	Day Ahead	Transmission_Outage_SCE
179	4/14/2009	SCE	Day Ahead	G-219
180	4/14/2009	SCE	Real-Time	Ramp_Rate
181	4/14/2009	SCE	Day Ahead	T-103
182	4/14/2009	SCE	Real-Time	Ramp_Rate
183	4/14/2009	PGAE	Real-Time	System_Capacity
184	4/14/2009	PGAE	Real-Time	Market_Disruption
185	4/14/2009	SCE	Day Ahead	T-103
186	4/14/2009	SDGE	Day Ahead	T-103
187	4/14/2009	SDGE/San Diego	Day Ahead	G-206
188	4/14/2009	SDGE/San Diego	Day Ahead	G-206
189	4/14/2009	SDGE	Real-Time	Ramp_Rate
190	4/14/2009	SCE	Day Ahead	T-103
191	4/14/2009	SCE	Real-Time	Ramp_Rate
192	4/14/2009	SCE	Real-Time	Ramp_Rate
193	4/14/2009	SCE	Day Ahead	T-103
194	4/14/2009	SCE	Real-Time	Ramp_Rate
195	4/14/2009	PGAE	Real-Time	Market_Disruption
196	4/14/2009	PGAE	Real-Time	Market_Disruption
197	4/14/2009	SCE	Day Ahead	T-103
198	4/14/2009	SCE	Real-Time	Market_Disruption
199	4/15/2009	SCE	Day Ahead	T-103
200	4/15/2009	SCE	Day Ahead	G-219

Number	Date	Resource Location	Market	Reason
201	4/15/2009	SCE	Real-Time	Ramp_Rate
202	4/15/2009	SCE	Day Ahead	Transmission_Outage_SCE
203	4/15/2009	SCE	Real-Time	Ramp_Rate
204	4/15/2009	PGAE	Real-Time	Transmission_Outage_PGAE
205	4/15/2009	PGAE	Real-Time	Transmission_Outage_PGAE
206	4/15/2009	SCE	Real-Time	Transmission_Outage_SCE
207	4/15/2009	SCE	Real-Time	Ramp_Rate
208	4/15/2009	SDGE	Day Ahead	Transmission_Outage_SCE
209	4/15/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
210	4/15/2009	SDGE	Day Ahead	Transmission_Outage_SDGE
211	4/15/2009	SDGE	Real-Time	Ramp_Rate
212	4/15/2009	SDGE	Real-Time	Software_Limitation
213	4/15/2009	SCE	Day Ahead	T-103
214	4/15/2009	SCE	Real-Time	Ramp_Rate
215	4/15/2009	SCE	Day Ahead	Transmission_Outage_SCE
216	4/15/2009	SCE	Real-Time	Ramp_Rate
221	4/15/2009	SCE	Day Ahead	Transmission_Outage_SCE
222	4/15/2009	SCE	Real-Time	Transmission_Outage_SCE
223	4/15/2009	SCE	Day Ahead	T-103

ATTACHMENT B

California Independent System Operator
Exceptional Dispatch and Market Disruption Report
May 15, 2009



ATTACHMENT C

California Independent System Operator Corporation
Market Disruption Report
May 15, 2009

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

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
3/31/2009	24	2	HASP	HASP application timed out and did not complete in time for posting of HASP results. Market Disruptions limited to one HASP interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. After the HASP application failure, ISO issued Exceptional Dispatches to System Resources and for exports at the interties using the list of Bids submitted in HASP. Exceptional Dispatches in HASP necessary to maintain system reliability in light of the fact that there was no clearing of the interties schedules through the HASP process. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes.
4/1/2009	2	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/1/2009	6	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/1/2009	12	2	HASP	HASP application failure. HASP Bids did not transfer to market software in a timely manner. Market Disruptions limited to one interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published PNode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/1/2009	17	8	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/1/2009	20	2	HASP	HASP application failure. Market Disruptions limited to one interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. After the HASP Application failure, the ISO issued Exceptional Dispatches to System Resources and for exports at the interties using the list of Bids submitted in HASP after the HASP failure. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. PNode clearing and resource Award from the Day-Ahead were used for this interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.

4/1/2009	20	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/1/2009	20	4	RTPD	Bids did not transfer in time for the RTPD (4) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/1/2009	21	2	HASP	HASP application did not run because Bids did not transfer in time to HASP. Market Disruptions limited to one HASP interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. PNode clearing and resource Award payloads for this interval was filled using Day-Ahead Awards. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/1/2009	21	9	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/1/2009	22	2	HASP	4/1/2009 Hour Ending 22:00 hours ISO issued a notice through the Market Notification Systems of a Market Disruption under Section 7.7.15 (d) that HASP/RTM market closure was moved to 00:35 as opposed to 00:45 to prevent an actual failure of the HASP runs. The revised closing time remained in effect until 4/2/2009 Hour Ending 13:00 hours; 4/2/2009 Hour Ending 14:00 hours was the first HASP/RTM interval that ran with the market closing of 00:45. This action prevented actual failures of HASP and RTM processes during these intervals.
4/1/2009	23	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/2/2009	10	4	RTPD	RTPD (4) failed. Missing RTPD binding market clearing and PNode Clearing were filled from Day-Ahead resource awards for this interval. This is a known software variance that was fixed on 4/15/09

4/2/2009	11	2	HASP	HASP application timed out and did not complete in time for posting of HASP results. Market Disruptions limited to one HASP interval. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. After the HASP application failure, ISO issued Exceptional Dispatches to System Resources and for exports at the interities using the list of Bids submitted in HASP. Exceptional Dispatches in HASP necessary to maintain system reliability in light of no clearing of the interties schedules through the HASP process. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Pnode clearing and resource Award data was filled from Day-Ahead Awards for this intervals. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/2/2009	11	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/2/2009	12	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/2/2009	15	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/2/2009	22	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/2/2009	23	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/3/2009	1	4	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/3/2009	2	11	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/3/2009	2	12	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/4/2009	18	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/4/2009	19	2	HASP	HASP application failed. Market Disruptions limited to one interval. ISO issued a notice through the Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed PNode clearing and resource Awards were filled using the Day-Ahead Awards for this interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/4/2009	19	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/4/2009	20	1	RTPD	RTPD (1) did not run. PNode clearing and resource Award were filled from Day-Ahead Awards for this interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/6/2009	10	7	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.

4/7/2009	1	5	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/7/2009	1	6	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/7/2009	12	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval. Due to a known software variance.
4/7/2009	13	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/7/2009	13	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/7/2009	14	7	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/7/2009	14	9	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/8/2009	2	7	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/8/2009	10	9	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/8/2009	10	12	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/8/2009	24	2	HASP	HASP application failure. HASP Bids did not transfer to market software in a timely manner. Market Disruptions limited to one interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published PNode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/9/2009	1	3	RTPD	Data did not transfer RTPD (3) run failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/9/2009	1	10	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/9/2009	1	11	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/10/2009	1	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/10/2009	2	4	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/10/2009	2	5	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/10/2009	2	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/10/2009	23	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/10/2009	23	4	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/10/2009	23	5	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/10/2009	24	6	RTD	RTD broadcast missing. Loss clearing payload and LMP filled in with last good interval.
4/10/2009	24	8	RTD	RTD broadcast missing. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	3	4	RTPD	All broadcasts failed, therefore RTPD (4) was aborted. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.

4/11/2009	4	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/11/2009	6	4	RTPD	All broadcasts failed, therefore RTPD (4) was aborted. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/11/2009	7	3	RTD	RTD application timed out. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	7	2	HASP	HASP application failure. All broadcast failure and therefore aborted. Market Disruptions limited to one interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published PNode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/11/2009	8	8	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	8	4	RTPD	Data did not transfer to RTPD (4) run and therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/11/2009	15	5	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	15	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	15	7	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	15	8	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	16	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	16	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	17	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/11/2009	17	10	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	17	11	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	17	12	RTD	RTD application did not run. Loss clearing payload and LMP filled in with last good interval.
4/11/2009	24	2	HASP	HASP application failure. All broadcasts failed and therefore had failure of the run (XSD issue). Market Disruptions limited to one interval. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published PNode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling Coordinators through ADS for this interval. Software issue fixed on 4/12/2009.

4/11/2009	24	3	RTPD	All broadcasts failure and therefore RTPD (3) run failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval. Software issue fixed on 4/12/2009.
4/12/2009	1	1	RTPD	Bids did not transfer in time for the RTPD (1) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/12/2009	1	2	HASP	HASP application failure. HASP Bids did not transfer to market software in a timely manner. Market Disruptions limited to one interval. ISO issued a Market Notificiation System instructing resources to follow Day-Ahead Schedules and Awards for interties. After the HASP Applciation failure, the ISO issued Exceptional Dispatches to System Resources and for exports at the interities using the list of Bids submitted in HASP after the HASP failure. Exceptional Dispatches in HASP necessary to maintain system reliability in light of the fact that there was no clearing of the interties schedules through the HASP process. Any incremental or decremental Real-Time Energy at the intertes beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Ajustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published Pnode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling
4/12/2009	1	10	RTD	RTD broadcast missing. Loss clearing payload and LMP with last good interval.
4/12/2009	2	4	RTD	RTD broadcast missing. Loss clearing payload and LMP with last good interval.
4/12/2009	21	4	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/12/2009	21	5	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/12/2009	21	6	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/12/2009	21	3	RTPD	Bids deleted and had no broadcasts therefore RTPD (3) failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/12/2009	21	7	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/12/2009	21	8	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/12/2009	21	4	RTPD	Bids deleted and had no broadcasts therefore RTPD (4) run failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/13/2009	12	6	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/13/2009	23	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/13/2009	23	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/13/2009	23	4	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/13/2009	23	5	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/14/2009	18	10	RTD	RTD broadcast missing. Loss clearing payload and LMP with last good interval.
4/14/2009	18	11	RTD	RTD broadcast missing. Loss clearing payload and LMP with last good interval.
4/14/2009	18	12	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.

4/14/2009	19	1	RTPD	Bids did not transfer in time for the RTPD (1) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/14/2009	23	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	1	3	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/15/2009	9	4	RTPD	RTPD (4) run timed out. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/15/2009	9	8	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	9	9	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	9	10	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	9	11	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	9	12	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	10	1	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.
4/15/2009	10	1	RTPD	RTPD (1) run timed out. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/15/2009	10	2	RTD	RTD failed. Loss clearing payload and LMP filled in from last good interval.
4/15/2009	10	2	HASP	HASP application failure. Database issues. ISO issued a Market Notification System instructing resources to follow Day-Ahead Schedules and Awards for interties. Any incremental or decremental Real-Time Energy at the interties beyond the Day-Ahead Schedule that was not Dispatched by the ISO is treated as Operational Adjustments (Tier 2) for Settlements purposes. RTPD(2) for that interval also failed because Bids did not transfer. Rely on the Day-Ahead AS awards. Published PNode clearing and resource Award payloads for all intervals this hour. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/15/2009	19	3	RTPD	Bids did not transfer in time for the RTPD (3) run and it therefore failed. Day-Ahead AS awards for PNode clearing and resource awards were used to fill the interval. No instructions were sent to Scheduling Coordinators through ADS for this interval.
4/15/2009	23	3	RTD	RTD application timed out. Loss clearing payload and LMP filled from last good interval.

Table: 2 Removal of Bids				
4/72009	**RUC**	Removed a RUC Availability Bid that had flagged out in IFM and also removed the Regulation Down Bid. Infeasibility created due to conditions coming out of IFM where the effective lower operating limit was greater than the high operating limit when considering, up-rated minimum load, awarded Regulation up and down and other reserve quantities. Software modified to resolve this conflict should prevent such infeasibilities in the future.		
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.

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 Pre-Dispatch (RTPD) Interval 1: The first of a series of four market runs conducted every Trading Hour. In run the ISO conducts the Market Power Mitigation of submitted Bids, which applies to all of the Real-Time Market processes for the given Trading Hour and the Hour-Ahead Scheduling Process (HASP), which applies to non-dynamic external resources for the next Trading Hour. In this interval the ISO also conducts the procurement of incremental Ancillary Services from internal resources and dynamic external resources.

Real-Time Pre-Dispatch (RTPD) Interval 2: The second of a series of four market runs conducted every Trading Hour during which the ISO conducts the HASP. In the HASP, the ISO conducts the procurement and sale of Energy and Ancillary services for the next Trading Hour from non-dynamic external resources based on submitted Bids and the demand forecast. 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 Pre-Dispatch (RTPD) 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 the Real-Time Unit Commitment, that is over four hours. 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.

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing documents upon all parties on the official service lists compiled by the Secretary in the above-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 Washington, D.C. this 18th day of May, 2009.

/s/ Bradley R. Miliauskas
Bradley R. Miliauskas