

May 15, 2012

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-____
March 2012 Exceptional Dispatch Report (Chart 1 data)**

Dear Secretary Bose:

Pursuant to the Commission's September 2, 2009 and May 4, 2010 orders in the above referenced dockets, the California Independent System Operator Corporation submits the attached report. The attached report provides details concerning Exceptional Dispatches the Commission directed to be included in "Chart 1" as set forth in Appendix A of the September 2 order, as modified by the ISO's September 14 motion for clarification, which the Commission granted in its May 4 order. The attached report provides Chart 1 data for the month of March 2012.

Respectfully submitted,

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Exceptional Dispatch Report

Table 1: March 2012

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Introduction

This report is filed pursuant to FERC's September 2, 2009 and May 4, 2010 orders in ER08-1178. These orders require two monthly Exceptional Dispatch reports—one issued on the 15th of each month and one issued on the 30th of each month. This report provides data on the frequency and reasons for Exceptional Dispatches issued in March 2012.

The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, which may also include an indicative exceptional dispatch energy schedule, a post-day-ahead unit commitment, or a real-time exceptional dispatch¹. A pre-day-ahead commitment is an exceptional dispatch instruction that commits a resource at or above its physical minimum operating level in the day-ahead market. A post-day-ahead market commitment is an exceptional dispatch instruction that commits a resource at or above its physical minimum operating level in the real-time market. A real-time exceptional dispatch instruction is a dispatch of a resource at or above its physical minimum operating point. For the purposes of this report, a real-time exceptional dispatch above the resource day-ahead award is considered an incremental exceptional dispatch instruction and an exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction.

The ISO issues exceptional dispatch instructions primarily for constraints which are not enforced or not completely enforced in the market software. Whenever the ISO issues an exceptional dispatch instruction, such instructions are logged into the scheduling and logging system ("SLIC"), including the associated reason. These reasons are associated with the constraints that are not currently incorporated into the market application. In addition to model constraints, the ISO also issues exceptional dispatch instructions for software failures.

Many of the exceptional dispatches listed below in Table 1, were to satisfy either a local area or system reliability requirements, and are classified into local generation requirements, transmission management requirements, non-modeled transmission outages or other requirements, such as ramp requirements and intertie emergency assistance. All reason codes starting with "G" refer to an ISO operating procedure for generation requirements and 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 on the ISO website. All of the transmission procedures are available on the CAISO website².

¹ The ISO can issue exceptional dispatch instruction subject to authority of the ISO Tariff Section 34.9 and in accordance with ISO Operating Procedure 2330 (formerly M-402).

² A list of all of the ISO's publicly available Operating Procedures are available at the following link: <http://www.caiso.com/thegrid/operations/opsdoc/index.html>

In March 2012, the ISO issued exceptional dispatches for the following transmission management requirements: (1) 7110, transmission facilities in Humboldt area; (2) 7320, transmission facilities in Bay Area; (3) 7820, transmission facilities in San Diego and Imperial Valley area; and (4) other transmission outages in PG&E, SCE and SDG&E area.

The following additional reasons for exceptional dispatch instructions in March 2012 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; and (2) 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 March, which are self explanatory.

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order³. Each entry in Attachment A 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; and (6) End Time.

The MW column shows the range of exceptional dispatch instructions in MW for the classification. The Commitment column specifies if there was a unit

³ The data in Table 1 is principally SLIC information supplemented with data from the Market Quality System (MQS). It is the most accurate currently available and it is worth noting that this data has been through the T+38B initial statement process wherein many unresolved issues are fixed. The CAISO believes that this data will correlate well with the settlements data that will be available when the CAISO files the Table 2 report for the reporting period.

commitment for the classification. The INC/DEC/NA column specifies if there was an incremental dispatch, a decremental dispatch, or only a unit commitment. If the exceptional dispatch was only a unit commitment, the column shows NA for the classification. The Begin Time column shows the start of exceptional dispatch for the classification and the End Time column shows the end of exceptional dispatch for the classification. The column Hours is the difference between end time and begin time rounded up to the next hour. The data shown is further explained by way of example in Attachment A.

Table 1 indicates that there were a total of 262 exceptional dispatches in March 2012, increasing by 27 as compared to the April 13, 2012 report for February 2012. There were no exceptional dispatches in the day-ahead market. Exceptional dispatches issued for the following reasons accounted for 71 percent of the total exceptional dispatches during the reporting period: Transmission Outage SCE, Ramp Rate, Software Limitation, and Transmission Outage PG&E.

Table 1: Exceptional Dispatches in March 2012

**California Independent System Operator Corporation
Exceptional Dispatch Report
May 15, 2012**

Chart 1: Table of Exceptional Dispatches for Period 01/March/2012 – 31/March/2012

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	RT	7110	PG&E	Humboldt	1-Mar-12	29	No	INC	14	6:18	19:59
2	RT	7110	PG&E	Humboldt	2-Mar-12	32	No	INC	5	6:30	10:59
3	RT	7110	PG&E	Humboldt	12-Mar-12	29- 90	No	INC	17	7:28	23:58
4	RT	7110	PG&E	Humboldt	13-Mar-12	29- 44	No	INC	17	5:23	21:59
5	RT	7110	PG&E	Humboldt	16-Mar-12	87	No	INC	17	7:43	23:59
6	RT	7110	PG&E	Humboldt	17-Mar-12	29- 87	No	INC	6	0:00	5:40
7	RT	7110	PG&E	Humboldt	19-Mar-12	29	No	INC	2	9:00	10:59
8	RT	7110	PG&E	Humboldt	22-Mar-12	29	No	INC	4	9:00	12:16
9	RT	7110	PG&E	Humboldt	27-Mar-12	75- 128	No	INC	24	0:00	23:59
10	RT	7110	PG&E	Humboldt	28-Mar-12	32- 108	No	INC	24	0:00	23:29
11	RT	7110	PG&E	Humboldt	29-Mar-12	29	No	INC	1	21:39	21:56
12	RT	7110	PG&E	Humboldt	31-Mar-12	30- 123	No	INC	21	3:50	23:59
13	RT	7320	PG&E	Bay Area	1-Mar-12	20	Yes	INC	3	19:50	21:12
14	RT	7320	PG&E	Bay Area	27-Mar-12	20	Yes	INC	3	19:39	21:59
15	RT	7820	SDG&E	N/A	6-Mar-12	50	No	DEC	2	18:29	19:59
16	RT	7820	SDG&E	N/A	6-Mar-12	50- 450	No	INC	4	18:49	21:59
17	RT	Bridging Schedules	SDG&E	San Diego	4-Mar-12	493	No	INC	1	23:00	23:59
18	RT	Bridging Schedules	SDG&E	San Diego	6-Mar-12	155	No	INC	1	23:00	23:59
19	RT	COI Mitigation	N/A	N/A	10-Mar-12	100- 200	No	DEC	5	9:09	13:19
20	RT	COI Mitigation	N/A	N/A	11-Mar-12	200	No	DEC	2	10:15	11:12
21	RT	COI Mitigation	N/A	N/A	17-Mar-12	50- 100	No	DEC	12	7:05	18:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
22	RT	COI Mitigation	N/A	N/A	17-Mar-12	200	No	INC	6	18:50	23:59
23	RT	COI Mitigation	N/A	N/A	18-Mar-12	50- 100	Yes	DEC	3	20:35	22:59
24	RT	COI Mitigation	N/A	N/A	18-Mar-12	50- 100	Yes	INC	2	21:55	22:59
25	RT	COI Mitigation	N/A	N/A	28-Mar-12	100	No	DEC	1	15:20	15:59
26	RT	COI Mitigation	PG&E	Bay Area	17-Mar-12	90	No	INC	10	9:55	18:59
27	RT	Generation Outage	SCE	LA Basin	19-Mar-12	20- 45	Yes	INC	15	9:00	23:59
28	RT	Intertie Emergency Assistance	N/A	N/A	15-Mar-12	100	No	INC	1	14:22	14:59
29	RT	Load Forecast Error	SCE	LA Basin	1-Mar-12	20	Yes	INC	24	0:00	23:59
30	RT	Load Forecast Uncertainty	PG&E	Bay Area	17-Mar-12	180- 320	Yes	INC	8	16:00	23:59
31	RT	Load Forecast Uncertainty	PG&E	Bay Area	18-Mar-12	180- 320	Yes	INC	24	0:00	23:59
32	RT	Load Forecast Uncertainty	PG&E	Fresno	18-Mar-12	160	No	INC	6	1:00	6:59
33	RT	Load Forecast Uncertainty	PG&E	N/A	17-Mar-12	339	No	INC	6	14:00	19:59
34	RT	MSG Plant Startup	N/A	N/A	31-Mar-12	260	Yes	INC	1	11:00	11:59
35	RT	Over Generation	PG&E	Fresno	10-Mar-12	308	No	DEC	1	2:00	2:59
36	RT	Path 15	PG&E	Bay Area	29-Mar-12	253	No	INC	1	16:15	16:59
37	RT	Path 15	PG&E	Bay Area	30-Mar-12	253	No	INC	22	2:00	23:59
38	RT	Path 26	SCE	LA Basin	29-Mar-12	25- 45	Yes	INC	24	0:00	23:59
39	RT	Path 26	SDG&E	San Diego	28-Mar-12	370- 630	No	INC	2	13:15	14:04
40	RT	Ramp Rate	N/A	N/A	7-Mar-12	11- 189	No	DEC	17	5:00	21:59
41	RT	Ramp Rate	N/A	N/A	7-Mar-12	0	No	INC	17	5:00	21:59
42	RT	Ramp Rate	N/A	N/A	22-Mar-12	63	Yes	INC	6	16:25	21:29
43	RT	Ramp Rate	N/A	N/A	29-Mar-12	64	Yes	INC	12	7:20	18:59
44	RT	Ramp Rate	SCE	LA Basin	1-Mar-12	190	Yes	INC	7	14:45	20:59
45	RT	Ramp Rate	SCE	LA Basin	2-Mar-12	42- 139	No	DEC	5	16:30	20:59
46	RT	Ramp Rate	SCE	LA Basin	2-Mar-12	45- 90	No	INC	5	16:30	20:59
47	RT	Ramp Rate	SCE	LA Basin	3-Mar-12	42- 139	No	DEC	3	20:50	22:59
48	RT	Ramp Rate	SCE	LA Basin	3-Mar-12	45	No	INC	6	17:25	22:59
49	RT	Ramp Rate	SCE	LA Basin	4-Mar-12	97- 194	No	DEC	6	15:40	20:59
50	RT	Ramp Rate	SCE	LA Basin	4-Mar-12	45- 90	No	INC	6	15:40	20:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
51	RT	Ramp Rate	SCE	LA Basin	5-Mar-12	33	No	DEC	5	16:30	20:59
52	RT	Ramp Rate	SCE	LA Basin	5-Mar-12	45	No	INC	5	16:30	20:59
53	RT	Ramp Rate	SCE	LA Basin	6-Mar-12	105- 130	No	DEC	5	15:20	19:59
54	RT	Ramp Rate	SCE	LA Basin	6-Mar-12	45	No	INC	7	13:53	19:59
55	RT	Ramp Rate	SCE	LA Basin	7-Mar-12	181- 186	No	DEC	6	15:50	20:59
56	RT	Ramp Rate	SCE	LA Basin	7-Mar-12	45	No	INC	6	15:50	20:59
57	RT	Ramp Rate	SCE	LA Basin	10-Mar-12	45	No	INC	4	17:10	20:59
58	RT	Ramp Rate	SCE	LA Basin	12-Mar-12	42- 139	No	DEC	4	5:00	8:59
59	RT	Ramp Rate	SCE	LA Basin	12-Mar-12	45	No	INC	4	5:00	8:59
60	RT	Ramp Rate	SCE	LA Basin	13-Mar-12	42- 128	No	DEC	4	5:00	8:59
61	RT	Ramp Rate	SCE	LA Basin	13-Mar-12	45	No	INC	4	5:00	8:59
62	RT	Ramp Rate	SCE	LA Basin	14-Mar-12	109- 161	No	DEC	14	7:10	20:59
63	RT	Ramp Rate	SCE	LA Basin	26-Mar-12	71	Yes	INC	11	10:05	20:59
64	RT	Ramp Rate	SCE	LA Basin	27-Mar-12	110- 161	No	DEC	17	5:20	21:59
65	RT	Ramp Rate	SCE	LA Basin	27-Mar-12	45- 71	Yes	INC	17	5:20	21:59
66	RT	Ramp Rate	SCE	LA Basin	28-Mar-12	71	Yes	INC	2	19:15	20:59
67	RT	Ramp Rate	SCE	LA Basin	29-Mar-12	55- 129	Yes	DEC	12	7:05	18:59
68	RT	Ramp Rate	SCE	LA Basin	29-Mar-12	27- 72	Yes	INC	14	7:05	20:59
69	RT	Ramp Rate	SDG&E	San Diego	1-Mar-12	68	No	INC	14	7:20	20:59
70	RT	Ramp Rate	SDG&E	San Diego	2-Mar-12	131	No	INC	5	16:30	20:59
71	RT	Ramp Rate	SDG&E	San Diego	3-Mar-12	131	No	INC	3	20:50	22:59
72	RT	Ramp Rate	SDG&E	San Diego	4-Mar-12	131	No	INC	4	16:35	19:59
73	RT	Ramp Rate	SDG&E	San Diego	5-Mar-12	68	No	INC	5	15:45	19:59
74	RT	Ramp Rate	SDG&E	San Diego	6-Mar-12	131- 500	No	INC	17	5:35	21:59
75	RT	Ramp Rate	SDG&E	San Diego	8-Mar-12	131	No	INC	17	5:15	21:59
76	RT	Ramp Rate	SDG&E	San Diego	9-Mar-12	131	No	INC	17	5:15	21:59
77	RT	Ramp Rate	SDG&E	San Diego	10-Mar-12	68	No	INC	7	11:00	17:59
78	RT	Ramp Rate	SDG&E	San Diego	11-Mar-12	131	No	INC	15	5:15	19:59
79	RT	Ramp Rate	SDG&E	San Diego	12-Mar-12	68	No	INC	17	4:30	20:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
80	RT	Ramp Rate	SDG&E	San Diego	15-Mar-12	64	No	INC	14	7:40	20:59
81	RT	Ramp Rate	SDG&E	San Diego	16-Mar-12	63	No	INC	3	17:25	19:59
82	RT	Ramp Rate	SDG&E	San Diego	20-Mar-12	63	No	INC	17	5:00	21:59
83	RT	Ramp Rate	SDG&E	San Diego	23-Mar-12	63	No	INC	5	16:05	20:59
84	RT	Ramp Rate	SDG&E	San Diego	24-Mar-12	131	No	INC	15	7:10	21:59
85	RT	Ramp Rate	SDG&E	San Diego	25-Mar-12	131	No	INC	8	14:30	21:59
86	RT	Ramp Rate	SDG&E	San Diego	26-Mar-12	131	No	INC	14	7:50	20:59
87	RT	Ramp Rate	SDG&E	San Diego	27-Mar-12	131	No	INC	18	5:00	22:59
88	RT	Ramp Rate	SDG&E	San Diego	28-Mar-12	63	No	INC	16	6:35	21:59
89	RT	Ramp Rate	SDG&E	San Diego	29-Mar-12	64	No	INC	1	7:05	7:59
90	RT	Ramp Rate	SDG&E	San Diego	30-Mar-12	133	No	INC	5	17:40	21:59
91	RT	Ramp Rate	SDG&E	San Diego	31-Mar-12	68	No	INC	4	19:12	22:14
92	RT	Software Limitation	N/A	N/A	11-Mar-12	300	No	INC	1	7:00	7:59
93	RT	Software Limitation	N/A	N/A	14-Mar-12	160	Yes	INC	1	12:15	12:59
94	RT	Software Limitation	N/A	N/A	18-Mar-12	30	No	DEC	2	9:00	10:59
95	RT	Software Limitation	PG&E	Fresno	6-Mar-12	0	No	INC	1	10:00	10:59
96	RT	Software Limitation	PG&E	Fresno	7-Mar-12	0	Yes	INC	2	11:50	12:49
97	RT	Software Limitation	PG&E	Fresno	13-Mar-12	32	Yes	INC	7	13:30	19:59
98	RT	Software Limitation	PG&E	Fresno	14-Mar-12	46	Yes	INC	1	22:00	22:49
99	RT	Software Limitation	PG&E	Fresno	16-Mar-12	0	Yes	INC	1	1:30	1:34
100	RT	Software Limitation	PG&E	Fresno	18-Mar-12	8	Yes	DEC	2	14:40	15:59
101	RT	Software Limitation	PG&E	Fresno	19-Mar-12	0	Yes	INC	2	7:30	8:24
102	RT	Software Limitation	PG&E	N/A	10-Mar-12	190	No	INC	2	3:50	4:59
103	RT	Software Limitation	PG&E	N/A	14-Mar-12	0	No	DEC	3	14:19	16:59
104	RT	Software Limitation	PG&E	N/A	14-Mar-12	0	No	INC	9	9:44	17:59
105	RT	Software Limitation	PG&E	N/A	18-Mar-12	77	Yes	DEC	2	5:35	6:19
106	RT	Software Limitation	SCE	LA Basin	7-Mar-12	383	Yes	INC	2	12:15	13:49
107	RT	Software Limitation	SCE	LA Basin	8-Mar-12	0	No	INC	11	13:00	23:59
108	RT	Software Limitation	SCE	LA Basin	13-Mar-12	47	Yes	INC	14	5:20	18:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
109	RT	Software Limitation	SCE	LA Basin	14-Mar-12	0	Yes	INC	2	12:45	13:44
110	RT	Software Limitation	SDG&E	N/A	26-Mar-12	510	No	INC	1	22:00	22:49
111	RT	Software Limitation	SDG&E	San Diego	11-Mar-12	80	Yes	INC	5	19:32	23:59
112	RT	Software Limitation	SDG&E	San Diego	12-Mar-12	0	Yes	INC	3	0:00	2:09
113	RT	Software Limitation	SDG&E	San Diego	13-Mar-12	63	No	INC	7	15:15	21:59
114	RT	Software Limitation	SDG&E	San Diego	14-Mar-12	45	No	INC	1	20:29	20:35
115	RT	Software Limitation	SDG&E	San Diego	16-Mar-12	0	Yes	INC	1	1:00	1:59
116	RT	SP26 Capacity	N/A	N/A	1-Mar-12	63	Yes	INC	14	10:55	23:59
117	RT	SP26 Capacity	SCE	LA Basin	2-Mar-12	0	No	INC	24	0:25	23:59
118	RT	SP26 Capacity	SDG&E	San Diego	1-Mar-12	20	No	INC	11	0:00	10:59
119	RT	SP26 Capacity	SDG&E	San Diego	2-Mar-12	20	No	INC	24	0:25	23:59
120	RT	Stranded A/S or RUC	N/A	N/A	17-Mar-12	131	Yes	INC	4	5:15	8:59
121	RT	Stranded A/S or RUC	N/A	N/A	18-Mar-12	131	Yes	INC	17	5:15	21:59
122	RT	Stranded A/S or RUC	N/A	N/A	19-Mar-12	12- 196	Yes	DEC	17	5:15	21:59
123	RT	Stranded A/S or RUC	N/A	N/A	19-Mar-12	63- 131	Yes	INC	17	5:15	21:59
124	RT	Stranded A/S or RUC	SCE	LA Basin	14-Mar-12	139	No	DEC	3	5:00	7:59
125	RT	Stranded A/S or RUC	SCE	LA Basin	14-Mar-12	45	No	INC	3	5:00	7:59
126	RT	Stranded A/S or RUC	SCE	LA Basin	15-Mar-12	139- 161	No	DEC	11	10:15	20:59
127	RT	Stranded A/S or RUC	SCE	LA Basin	25-Mar-12	64- 81	No	DEC	2	1:40	2:19
128	RT	Stranded A/S or RUC	SDG&E	San Diego	13-Mar-12	68	No	INC	17	4:40	20:59
129	RT	Stranded A/S or RUC	SDG&E	San Diego	14-Mar-12	68	No	INC	17	4:30	20:59
130	RT	Stranded A/S or RUC	SDG&E	San Diego	15-Mar-12	68	No	INC	14	7:40	20:59
131	RT	Stranded A/S or RUC	SDG&E	San Diego	17-Mar-12	131	No	INC	10	10:07	19:59
132	RT	Stranded A/S or RUC	SDG&E	San Diego	20-Mar-12	68	No	INC	17	5:00	21:59
133	RT	Stranded A/S or RUC	SDG&E	San Diego	21-Mar-12	63	No	INC	5	16:20	20:59
134	RT	Stranded A/S or RUC	SDG&E	San Diego	22-Mar-12	63	No	INC	5	6:00	10:59
135	RT	System Energy	N/A	N/A	2-Mar-12	10	No	INC	12	7:00	18:59
136	RT	System Energy	N/A	N/A	4-Mar-12	20- 40	Yes	INC	2	19:00	20:59
137	RT	System Energy	N/A	N/A	5-Mar-12	15	Yes	INC	2	8:00	9:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
138	RT	System Energy	N/A	N/A	6-Mar-12	10- 15	No	INC	8	9:00	16:59
139	RT	System Energy	N/A	N/A	7-Mar-12	25- 30	Yes	INC	4	8:00	11:59
140	RT	System Energy	N/A	N/A	12-Mar-12	274	No	INC	1	19:00	19:59
141	RT	Transmission Outage Other	PG&E	Bay Area	31-Mar-12	380	Yes	INC	13	11:00	23:59
142	RT	Transmission Outage Other	PG&E	Fresno	31-Mar-12	325	No	INC	4	6:45	9:59
143	RT	Transmission Outage Other	PG&E	N/A	30-Mar-12	140	Yes	INC	12	10:30	21:59
144	RT	Transmission Outage PG&E	N/A	N/A	6-Mar-12	32- 47	Yes	INC	3	21:50	23:59
145	RT	Transmission Outage PG&E	N/A	N/A	7-Mar-12	32- 37	Yes	INC	10	0:00	9:59
146	RT	Transmission Outage PG&E	PG&E	Fresno	6-Mar-12	4	Yes	DEC	2	19:33	20:46
147	RT	Transmission Outage PG&E	PG&E	Fresno	6-Mar-12	46- 97	Yes	INC	5	19:33	23:59
148	RT	Transmission Outage PG&E	PG&E	Fresno	7-Mar-12	46	Yes	INC	17	4:50	20:59
149	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Mar-12	105- 120	No	INC	3	21:53	23:59
150	RT	Transmission Outage PG&E	PG&E	N/A	1-Mar-12	14- 54	Yes	DEC	5	16:30	20:59
151	RT	Transmission Outage PG&E	PG&E	N/A	1-Mar-12	66	Yes	INC	5	16:30	20:59
152	RT	Transmission Outage PG&E	PG&E	N/A	20-Mar-12	5- 10	No	DEC	13	6:50	18:59
153	RT	Transmission Outage PG&E	PG&E	Sierra	2-Mar-12	10	No	INC	2	6:30	7:09
154	RT	Transmission Outage PG&E	PG&E	Sierra	4-Mar-12	5	No	INC	2	18:15	19:29
155	RT	Transmission Outage PG&E	PG&E	Sierra	7-Mar-12	5	No	INC	2	6:35	7:14
156	RT	Transmission Outage PG&E	PG&E	Sierra	21-Mar-12	20	Yes	INC	3	10:20	12:19
157	RT	Transmission Outage PG&E	PG&E	Sierra	27-Mar-12	20	Yes	INC	15	7:20	21:59
158	RT	Transmission Outage PG&E	PG&E	Sierra	28-Mar-12	20	Yes	INC	12	6:55	17:59
159	RT	Transmission Outage PG&E	PG&E	Sierra	29-Mar-12	20	Yes	INC	13	6:40	18:29
160	RT	Transmission Outage SCE	N/A	N/A	1-Mar-12	65- 93	No	INC	24	0:00	23:59
161	RT	Transmission Outage SCE	N/A	N/A	2-Mar-12	71- 113	Yes	INC	24	0:00	23:59
162	RT	Transmission Outage SCE	N/A	N/A	3-Mar-12	109- 140	No	INC	24	0:00	23:59
163	RT	Transmission Outage SCE	N/A	N/A	4-Mar-12	134- 140	No	INC	24	0:00	23:59
164	RT	Transmission Outage SCE	N/A	N/A	5-Mar-12	93- 140	No	INC	24	0:00	23:59
165	RT	Transmission Outage SCE	N/A	N/A	6-Mar-12	91- 105	Yes	INC	24	0:00	23:59
166	RT	Transmission Outage SCE	N/A	N/A	7-Mar-12	91- 130	No	INC	24	0:00	23:58

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
167	RT	Transmission Outage SCE	N/A	N/A	8-Mar-12	97- 129	No	INC	24	0:00	23:58
168	RT	Transmission Outage SCE	N/A	N/A	9-Mar-12	91- 140	No	INC	24	0:00	23:58
169	RT	Transmission Outage SCE	N/A	N/A	10-Mar-12	91- 109	No	INC	24	0:00	23:58
170	RT	Transmission Outage SCE	N/A	N/A	11-Mar-12	91- 140	No	INC	23	1:00	23:58
171	RT	Transmission Outage SCE	N/A	N/A	12-Mar-12	93- 130	No	INC	24	0:00	23:58
172	RT	Transmission Outage SCE	N/A	N/A	13-Mar-12	91- 127	No	INC	24	0:00	23:58
173	RT	Transmission Outage SCE	N/A	N/A	14-Mar-12	91- 118	No	INC	24	0:00	23:58
174	RT	Transmission Outage SCE	N/A	N/A	15-Mar-12	91- 105	No	INC	24	0:00	23:58
175	RT	Transmission Outage SCE	N/A	N/A	16-Mar-12	91- 121	No	INC	24	0:00	23:58
176	RT	Transmission Outage SCE	N/A	N/A	17-Mar-12	91- 140	No	INC	24	0:00	23:58
177	RT	Transmission Outage SCE	N/A	N/A	18-Mar-12	91- 105	No	INC	24	0:00	23:58
178	RT	Transmission Outage SCE	N/A	N/A	19-Mar-12	91- 105	No	INC	24	0:00	23:58
179	RT	Transmission Outage SCE	N/A	N/A	20-Mar-12	91- 140	No	INC	24	0:00	23:58
180	RT	Transmission Outage SCE	N/A	N/A	21-Mar-12	93- 139	No	INC	24	0:00	23:58
181	RT	Transmission Outage SCE	N/A	N/A	22-Mar-12	93- 134	Yes	INC	24	0:00	23:58
182	RT	Transmission Outage SCE	N/A	N/A	23-Mar-12	97- 138	No	INC	24	0:00	23:58
183	RT	Transmission Outage SCE	N/A	N/A	24-Mar-12	133- 140	No	INC	24	0:00	23:58
184	RT	Transmission Outage SCE	N/A	N/A	25-Mar-12	93- 140	No	INC	24	0:00	23:58
185	RT	Transmission Outage SCE	N/A	N/A	26-Mar-12	91- 132	No	INC	24	0:00	23:58
186	RT	Transmission Outage SCE	N/A	N/A	27-Mar-12	93- 138	No	INC	24	0:00	23:58
187	RT	Transmission Outage SCE	N/A	N/A	28-Mar-12	91- 105	No	INC	24	0:00	23:58
188	RT	Transmission Outage SCE	N/A	N/A	29-Mar-12	91- 105	No	INC	24	0:00	23:58
189	RT	Transmission Outage SCE	N/A	N/A	30-Mar-12	91- 140	No	INC	24	0:00	23:58
190	RT	Transmission Outage SCE	N/A	N/A	31-Mar-12	91- 139	No	INC	24	0:00	23:58
191	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	9-Mar-12	15	No	INC	2	6:37	7:04
192	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	25-Mar-12	140	Yes	INC	21	0:00	20:59
193	RT	Transmission Outage SCE	SCE	Big Creek-	30-Mar-12	55	No	INC	12	6:00	17:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
				Ventura							
194	RT	Transmission Outage SCE	SCE	LA Basin	1-Mar-12	2- 217	No	DEC	24	0:00	23:59
195	RT	Transmission Outage SCE	SCE	LA Basin	1-Mar-12	60- 215	No	INC	24	0:00	23:59
196	RT	Transmission Outage SCE	SCE	LA Basin	2-Mar-12	138- 274	No	INC	24	0:00	23:59
197	RT	Transmission Outage SCE	SCE	LA Basin	3-Mar-12	317- 335	No	INC	24	0:00	23:59
198	RT	Transmission Outage SCE	SCE	LA Basin	4-Mar-12	322- 335	No	INC	24	0:00	23:59
199	RT	Transmission Outage SCE	SCE	LA Basin	5-Mar-12	3- 10	No	DEC	24	0:00	23:59
200	RT	Transmission Outage SCE	SCE	LA Basin	5-Mar-12	62- 335	No	INC	24	0:00	23:59
201	RT	Transmission Outage SCE	SCE	LA Basin	6-Mar-12	12- 235	No	DEC	24	0:00	23:59
202	RT	Transmission Outage SCE	SCE	LA Basin	6-Mar-12	9- 89	No	INC	24	0:00	23:59
203	RT	Transmission Outage SCE	SCE	LA Basin	7-Mar-12	19- 154	No	DEC	24	0:00	23:58
204	RT	Transmission Outage SCE	SCE	LA Basin	7-Mar-12	7- 256	No	INC	24	0:00	23:58
205	RT	Transmission Outage SCE	SCE	LA Basin	8-Mar-12	277- 335	No	INC	24	0:00	23:58
206	RT	Transmission Outage SCE	SCE	LA Basin	9-Mar-12	10- 202	No	DEC	24	0:00	23:58
207	RT	Transmission Outage SCE	SCE	LA Basin	9-Mar-12	42- 335	No	INC	24	0:00	23:58
208	RT	Transmission Outage SCE	SCE	LA Basin	10-Mar-12	17- 209	No	DEC	24	0:00	23:58
209	RT	Transmission Outage SCE	SCE	LA Basin	10-Mar-12	10- 334	No	INC	24	0:00	23:58
210	RT	Transmission Outage SCE	SCE	LA Basin	11-Mar-12	2- 79	No	DEC	23	1:00	23:58
211	RT	Transmission Outage SCE	SCE	LA Basin	11-Mar-12	33- 335	No	INC	23	1:00	23:58
212	RT	Transmission Outage SCE	SCE	LA Basin	12-Mar-12	2- 38	No	DEC	24	0:00	23:58
213	RT	Transmission Outage SCE	SCE	LA Basin	12-Mar-12	100- 224	No	INC	24	0:00	23:58
214	RT	Transmission Outage SCE	SCE	LA Basin	13-Mar-12	106- 214	No	INC	24	0:00	23:58
215	RT	Transmission Outage SCE	SCE	LA Basin	14-Mar-12	1- 116	No	DEC	24	0:00	23:58
216	RT	Transmission Outage SCE	SCE	LA Basin	14-Mar-12	13- 162	No	INC	24	0:00	23:58
217	RT	Transmission Outage SCE	SCE	LA Basin	15-Mar-12	14- 219	No	DEC	24	0:00	23:58
218	RT	Transmission Outage SCE	SCE	LA Basin	15-Mar-12	275	No	INC	24	0:00	23:58
219	RT	Transmission Outage SCE	SCE	LA Basin	16-Mar-12	31- 165	No	DEC	24	0:00	23:58
220	RT	Transmission Outage SCE	SCE	LA Basin	16-Mar-12	7- 332	No	INC	24	0:00	23:58
221	RT	Transmission Outage SCE	SCE	LA Basin	17-Mar-12	5- 132	No	DEC	24	0:00	23:58

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
222	RT	Transmission Outage SCE	SCE	LA Basin	17-Mar-12	2- 325	No	INC	24	0:00	23:58
223	RT	Transmission Outage SCE	SCE	LA Basin	18-Mar-12	45- 235	No	DEC	24	0:00	23:58
224	RT	Transmission Outage SCE	SCE	LA Basin	18-Mar-12	1- 308	No	INC	24	0:00	23:58
225	RT	Transmission Outage SCE	SCE	LA Basin	19-Mar-12	1- 235	No	DEC	24	0:00	23:58
226	RT	Transmission Outage SCE	SCE	LA Basin	19-Mar-12	14- 195	No	INC	24	0:00	23:58
227	RT	Transmission Outage SCE	SCE	LA Basin	20-Mar-12	11- 136	No	DEC	24	0:00	23:58
228	RT	Transmission Outage SCE	SCE	LA Basin	20-Mar-12	12- 335	No	INC	24	0:00	23:58
229	RT	Transmission Outage SCE	SCE	LA Basin	21-Mar-12	5- 25	No	DEC	24	0:00	23:58
230	RT	Transmission Outage SCE	SCE	LA Basin	21-Mar-12	17- 335	No	INC	24	0:00	23:58
231	RT	Transmission Outage SCE	SCE	LA Basin	22-Mar-12	113- 331	No	INC	24	0:00	23:58
232	RT	Transmission Outage SCE	SCE	LA Basin	23-Mar-12	3- 9	No	DEC	24	0:00	23:58
233	RT	Transmission Outage SCE	SCE	LA Basin	23-Mar-12	87- 295	No	INC	24	0:00	23:58
234	RT	Transmission Outage SCE	SCE	LA Basin	24-Mar-12	245- 379	Yes	INC	24	0:00	23:59
235	RT	Transmission Outage SCE	SCE	LA Basin	25-Mar-12	29- 72	No	DEC	24	0:00	23:58
236	RT	Transmission Outage SCE	SCE	LA Basin	25-Mar-12	60- 360	Yes	INC	24	0:00	23:59
237	RT	Transmission Outage SCE	SCE	LA Basin	26-Mar-12	192- 380	Yes	INC	24	0:00	23:59
238	RT	Transmission Outage SCE	SCE	LA Basin	27-Mar-12	41- 111	No	DEC	3	9:59	11:59
239	RT	Transmission Outage SCE	SCE	LA Basin	27-Mar-12	206- 384	Yes	INC	24	0:00	23:59
240	RT	Transmission Outage SCE	SCE	LA Basin	28-Mar-12	13- 157	No	DEC	24	0:00	23:58
241	RT	Transmission Outage SCE	SCE	LA Basin	28-Mar-12	45- 271	Yes	INC	24	0:00	23:59
242	RT	Transmission Outage SCE	SCE	LA Basin	29-Mar-12	11- 235	No	DEC	24	0:00	23:58
243	RT	Transmission Outage SCE	SCE	LA Basin	29-Mar-12	25- 301	Yes	INC	24	0:00	23:59
244	RT	Transmission Outage SCE	SCE	LA Basin	30-Mar-12	10- 223	No	DEC	24	0:00	23:58
245	RT	Transmission Outage SCE	SCE	LA Basin	30-Mar-12	6- 334	No	INC	24	0:00	23:58
246	RT	Transmission Outage SCE	SCE	LA Basin	31-Mar-12	10- 235	No	DEC	24	0:00	23:58
247	RT	Transmission Outage SCE	SCE	LA Basin	31-Mar-12	18- 267	No	INC	24	0:00	23:58
248	RT	Transmission Outage SCE	SCE	N/A	1-Mar-12	5- 145	No	DEC	15	6:53	20:59
249	RT	Transmission Outage SCE	SCE	N/A	1-Mar-12	6- 70	No	INC	12	6:43	17:15
250	RT	Transmission Outage SCE	SCE	N/A	14-Mar-12	14- 45	No	DEC	2	10:16	11:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
251	RT	Transmission Outage SCE	SCE	N/A	21-Mar-12	11- 70	No	DEC	9	10:05	18:59
252	RT	Transmission Outage SCE	SCE	N/A	21-Mar-12	29- 33	No	INC	4	15:20	18:59
253	RT	Transmission Outage SCE	SCE	N/A	27-Mar-12	28- 60	No	DEC	6	16:05	21:59
254	RT	Transmission Outage SCE	SCE	N/A	27-Mar-12	160	No	INC	6	16:05	21:59
255	RT	Transmission Outage SDG&E	SDG&E	N/A	1-Mar-12	311	No	INC	2	9:40	10:59
256	RT	Transmission Outage SDG&E	SDG&E	San Diego	1-Mar-12	350- 450	No	INC	2	21:57	22:45
257	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Mar-12	350- 400	No	INC	7	1:52	7:59
258	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Mar-12	132	No	INC	3	5:50	7:59
259	RT	Unit Testing	PG&E	N/A	21-Mar-12	400- 750	No	INC	3	12:30	14:59
260	RT	Unit Testing	PG&E	N/A	26-Mar-12	50	No	INC	1	9:03	9:42
261	RT	Voltage Support	PG&E	Fresno	25-Mar-12	303	No	DEC	1	2:00	2:59
262	RT	Weather	PG&E	Humboldt	13-Mar-12	29- 105	No	INC	17	0:00	16:04

Appendix A: Explanation by Example

All examples listed below are based on fictitious data.

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 physical minimum (Pmin) of 50 MW from hours ending 5 through 10 for a generation procedure 7630. 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: Instructions Prior to Day-Ahead Market

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Reason
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	7630
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	7630
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	7630

This data is summarized as shown in Table 3, which is the prescribed format specified in the FERC order on September 02, 2009. This summary classifies the data by reason, resource location, local reliability area, and trade date. The MW column in Table 3 is the range of MW; in this case the minimum instruction MW is 20 MW for resource C which occurs from hours ending 21 through 23. The maximum instruction occurs in hour ending 10. In this hour resource A is committed at 50 MW, resource B is committed at 30 MW and resource C is committed at 20 MW. This adds up to 100 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time. Commitments are broken out separately from energy dispatches. In the day-ahead, however the exceptional dispatches are nearly always just commitments, as in this example. The Begin Time column shows hour ending 5 as this was the hour ending for first dispatch of the day, and the End Time column shows hour ending 23, as this was the hour with last dispatch. It is also possible that there might be some hours between the begin time and the end time where there might not be exceptional dispatch instructions for the given reason, meaning that the range between the begin time and end time can include null hours with no dispatch.

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
1	DA	7630	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00

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 7110. 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 7110. 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 are shown in Table 4.

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
01-Jul-09	RT	A	PG&E	Humboldt	06:00	11:00	30	0	Yes	INC	30	7110
01-Jul-09	RT	B	PG&E	Humboldt	07:00	09:00	40	20	No	INC	20	7110
01-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	7110
01-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	7110

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

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
1	RT	7110	PG&E	Humboldt	1-Jul-09	0-50	Yes	INC	15	06:00	20:00

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 7430. The ISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6.

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
01-Jul-09	RT	A	PG&E	Fresno	15:00	20:00	20	0	Yes	INC	20	7430
01-Jul-09	RT	B	PG&E	Fresno	07:00	09:00	40	60	No	DEC	20	7430
01-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	7430

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 inc and dec 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.

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
1	RT	7430	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00
1	RT	7430	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	07:00	14:00

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 15th day of March 2012.

Anna Pascuzzo

Anna Pascuzzo