March 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-___
January 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 January 2012.

Respectfully submitted,

By: */s/ Sidney M. Davies*

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Exceptional Dispatch Report

Table 1: January 2012

ISO Market Analysis and Development March 15, 2012

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TABLE OF CONTENTS

LIST OF TABLES AND FIGURES

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 January 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 dispatch[1]. 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 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 website[2].

[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 January 2012, the ISO issued exceptional dispatches for the following local area generation requirements: (1) 7630, SCE area generation requirements; and (2) 7810, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7320, transmission facilities in Bay Area; and (4) other transmission outages in PG&E, SCE and SDG&E area.

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

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order[3]. 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.

[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.

The MW column shows the range of exceptional dispatch instructions in MW for the classification. The Commitment column specifies if there was a unit 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 199 exceptional dispatches in January 2012, increasing by 69 as compared to the February 15, 2012 report for December 2011. There were two exceptional dispatchs in the day-ahead market. Exceptional dispatches issued for the following reasons accounted for 66 percent of the total exceptional dispatches during the reporting period: Software Limitation, Transmission Outage PG&E, Ramp Rate, and Transmission Outage SDG&E.

Table 1: Exceptional Dispatches in January 2012

California Independent System Operator Corporation
Exceptional Dispatch Report
March 15, 2012

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

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	DA	Software Limitation	SCE	LA Basin	2-Jan-12	0	Yes	N/A	11	13:00	23:00
2	DA	Software Limitation	SCE	LA Basin	9-Jan-12	70	Yes	N/A	12	12:00	23:00
3	RT	6510	SCE	LA Basin	14-Jan-12	70	Yes	INC	16	0:00	15:59
4	RT	6510	SCE	LA Basin	21-Jan-12	70	Yes	INC	24	0:00	23:59
5	RT	6510	SCE	LA Basin	22-Jan-12	70	Yes	INC	24	0:00	23:59
6	RT	6510	SCE	LA Basin	26-Jan-12	70	Yes	INC	24	0:00	23:59
7	RT	7110	PG&E	Humboldt	9-Jan-12	30	No	INC	12	7:10	18:59
8	RT	7110	PG&E	Humboldt	18-Jan-12	32	No	INC	3	20:38	22:57
9	RT	7110	PG&E	Humboldt	21-Jan-12	32	No	INC	4	20:01	23:59
10	RT	7110	PG&E	Humboldt	22-Jan-12	64- 112	Yes	INC	18	6:16	23:59
11	RT	7110	PG&E	Humboldt	23-Jan-12	29- 112	No	INC	23	0:00	22:59
12	RT	7110	PG&E	Humboldt	24-Jan-12	29	No	INC	4	18:20	21:59
13	RT	7110	PG&E	Humboldt	27-Jan-12	29- 104	No	INC	15	7:17	21:47
14	RT	7110	PG&E	Humboldt	28-Jan-12	29- 48	No	INC	8	14:40	21:54
15	RT	7320	PG&E	Bay Area	15-Jan-12	20	Yes	INC	3	17:53	19:59
16	RT	7320	PG&E	Bay Area	16-Jan-12	20- 40	Yes	INC	15	8:30	22:59
17	RT	7630	SCE	LA Basin	23-Jan-12	70	Yes	INC	24	0:00	23:59
18	RT	7810	N/A	N/A	22-Jan-12	20	Yes	INC	17	7:00	23:59
19	RT	7810	SDG&E	San Diego	10-Jan-12	20	No	INC	18	6:00	23:59
20	RT	7810	SDG&E	San Diego	27-Jan-12	20	No	INC	3	12:00	14:59
21	RT	7810	SDG&E	San Diego	28-Jan-12	20	No	INC	17	7:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
22	RT	Bridging Schedules	SCE	LA Basin	12-Jan-12	70	Yes	INC	1	23:00	23:59
23	RT	Bridging Schedules	SCE	LA Basin	15-Jan-12	70	Yes	INC	1	23:00	23:59
24	RT	Communication Outage	N/A	N/A	31-Jan-12	313	No	DEC	1	9:00	9:29
25	RT	Contingency	PG&E	Bay Area	6-Jan-12	40	Yes	INC	3	17:49	19:45
26	RT	Contingency	PG&E	Fresno	6-Jan-12	46	Yes	INC	1	18:00	18:59
27	RT	Contingency	PG&E	N/A	6-Jan-12	20	Yes	INC	3	17:49	19:45
28	RT	Customer Request	SCE	LA Basin	19-Jan-12	0	Yes	INC	1	21:05	21:34
29	RT	Customer Request	SDG&E	San Diego	25-Jan-12	68- 340	No	INC	15	9:26	23:59
30	RT	Dispatch Modification	N/A	N/A	6-Jan-12	214	Yes	DEC	1	15:30	15:49
31	RT	Dispatch Modification	PG&E	Bay Area	6-Jan-12	600	No	INC	1	15:30	15:49
32	RT	Dispatch Modification	SDG&E	San Diego	6-Jan-12	400	No	INC	2	15:30	16:39
33	RT	Generation Outage	SCE	LA Basin	31-Jan-12	190- 790	Yes	INC	5	16:45	20:59
34	RT	Generation Outage	SDG&E	San Diego	31-Jan-12	132- 911	Yes	INC	8	16:40	23:59
35	RT	MSG Plant Startup	N/A	N/A	17-Jan-12	197- 300	Yes	INC	2	7:20	8:04
36	RT	MSG Plant Startup	N/A	N/A	22-Jan-12	16	Yes	INC	2	6:30	7:14
37	RT	MSG Plant Startup	N/A	N/A	30-Jan-12	37	Yes	INC	1	17:00	17:59
38	RT	Path 26	SCE	LA Basin	18-Jan-12	260	Yes	INC	5	16:13	20:59
39	RT	Path 26	SCE	LA Basin	25-Jan-12	24- 40	No	INC	2	8:20	9:59
40	RT	Path 26	SDG&E	San Diego	25-Jan-12	68	No	INC	17	7:23	23:59
41	RT	Path 26	SDG&E	San Diego	26-Jan-12	20- 40	No	INC	24	0:00	23:59
42	RT	Ramp Rate	N/A	N/A	22-Jan-12	68	Yes	INC	4	16:00	19:59
43	RT	Ramp Rate	SCE	Big Creek-Ventura	11-Jan-12	50	Yes	INC	5	15:55	19:59
44	RT	Ramp Rate	SCE	Big Creek-Ventura	12-Jan-12	50	No	INC	5	15:00	19:59
45	RT	Ramp Rate	SCE	Big Creek-Ventura	13-Jan-12	50	Yes	INC	5	15:30	19:59
46	RT	Ramp Rate	SCE	LA Basin	6-Jan-12	45	No	INC	1	15:43	15:59
47	RT	Ramp Rate	SCE	LA Basin	9-Jan-12	260- 324	No	DEC	4	16:00	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
48	RT	Ramp Rate	SCE	LA Basin	9-Jan-12	65	Yes	INC	4	16:25	19:59
49	RT	Ramp Rate	SCE	LA Basin	10-Jan-12	97	No	DEC	4	16:00	19:59
50	RT	Ramp Rate	SCE	LA Basin	10-Jan-12	150- 195	Yes	INC	5	15:30	19:59
51	RT	Ramp Rate	SCE	LA Basin	11-Jan-12	144- 182	No	DEC	6	14:00	19:59
52	RT	Ramp Rate	SCE	LA Basin	11-Jan-12	50- 170	No	INC	6	14:00	19:59
53	RT	Ramp Rate	SCE	LA Basin	12-Jan-12	240	Yes	INC	6	14:00	19:59
54	RT	Ramp Rate	SCE	LA Basin	14-Jan-12	240	Yes	INC	5	15:30	19:59
55	RT	Ramp Rate	SCE	LA Basin	15-Jan-12	240	Yes	INC	6	15:10	20:59
56	RT	Ramp Rate	SCE	LA Basin	16-Jan-12	212- 244	No	DEC	5	15:15	19:59
57	RT	Ramp Rate	SCE	LA Basin	16-Jan-12	19- 160	No	INC	5	15:15	19:59
58	RT	Ramp Rate	SCE	LA Basin	18-Jan-12	159- 202	No	DEC	8	13:55	20:59
59	RT	Ramp Rate	SCE	LA Basin	18-Jan-12	37- 170	No	INC	8	13:55	20:59
60	RT	Ramp Rate	SCE	LA Basin	19-Jan-12	19- 202	No	DEC	10	10:10	19:59
61	RT	Ramp Rate	SCE	LA Basin	19-Jan-12	43- 170	No	INC	10	10:10	19:59
62	RT	Ramp Rate	SCE	LA Basin	21-Jan-12	42- 139	No	DEC	4	16:00	19:59
63	RT	Ramp Rate	SCE	LA Basin	21-Jan-12	150	Yes	INC	4	16:00	19:59
64	RT	Ramp Rate	SCE	LA Basin	22-Jan-12	139- 161	No	DEC	4	16:00	19:59
65	RT	Ramp Rate	SCE	LA Basin	22-Jan-12	150- 195	Yes	INC	4	16:00	19:59
66	RT	Ramp Rate	SCE	LA Basin	23-Jan-12	240	Yes	INC	2	17:10	18:59
67	RT	Ramp Rate	SCE	LA Basin	24-Jan-12	19- 182	No	DEC	12	8:55	19:59
68	RT	Ramp Rate	SCE	LA Basin	24-Jan-12	90- 170	No	INC	12	8:55	19:59
69	RT	Ramp Rate	SCE	LA Basin	25-Jan-12	35- 232	No	DEC	4	15:00	18:59
70	RT	Ramp Rate	SCE	LA Basin	25-Jan-12	40	No	INC	4	15:00	18:59
71	RT	Ramp Rate	SCE	LA Basin	26-Jan-12	42- 139	No	DEC	11	9:45	19:59
72	RT	Ramp Rate	SCE	LA Basin	26-Jan-12	150	Yes	INC	11	9:10	19:59
73	RT	Ramp Rate	SCE	LA Basin	30-Jan-12	190	Yes	INC	6	15:00	20:59
74	RT	Ramp Rate	SCE	LA Basin	31-Jan-12	65- 490	Yes	INC	15	5:25	19:59
75	RT	Ramp Rate	SDG&E	San Diego	12-Jan-12	68	Yes	INC	4	16:00	19:59
76	RT	Ramp Rate	SDG&E	San Diego	16-Jan-12	68	No	INC	5	15:50	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
77	RT	Ramp Rate	SDG&E	San Diego	18-Jan-12	68	No	INC	8	13:35	20:59
78	RT	Ramp Rate	SDG&E	San Diego	19-Jan-12	68	No	INC	10	10:10	19:59
79	RT	Ramp Rate	SDG&E	San Diego	20-Jan-12	68	No	INC	5	5:30	9:59
80	RT	Ramp Rate	SDG&E	San Diego	21-Jan-12	68	No	INC	4	16:00	19:59
81	RT	Ramp Rate	SDG&E	San Diego	22-Jan-12	63	No	INC	4	16:00	19:59
82	RT	Ramp Rate	SDG&E	San Diego	23-Jan-12	68- 136	No	INC	12	7:21	18:59
83	RT	Ramp Rate	SDG&E	San Diego	24-Jan-12	63- 131	No	INC	14	6:15	19:59
84	RT	Ramp Rate	SDG&E	San Diego	26-Jan-12	68- 131	No	INC	14	9:10	22:59
85	RT	Ramp Rate	SDG&E	San Diego	27-Jan-12	64	No	INC	5	15:00	19:59
86	RT	Ramp Rate	SDG&E	San Diego	28-Jan-12	64	No	INC	13	7:30	19:59
87	RT	Ramp Rate	SDG&E	San Diego	30-Jan-12	63- 200	No	INC	17	6:00	22:59
88	RT	Ramp Rate	SDG&E	San Diego	31-Jan-12	131	No	INC	12	5:20	16:59
89	RT	SP26 Capacity	SCE	Big Creek-Ventura	30-Jan-12	20	Yes	INC	3	21:00	23:59
90	RT	SP26 Capacity	SCE	Big Creek-Ventura	31-Jan-12	20- 215	Yes	INC	8	16:50	23:59
91	RT	SP26 Capacity	SCE	LA Basin	30-Jan-12	20- 60	Yes	INC	12	12:00	23:59
92	RT	SP26 Capacity	SCE	LA Basin	31-Jan-12	40- 60	Yes	INC	24	0:00	23:59
93	RT	SP26 Capacity	SDG&E	San Diego	31-Jan-12	20	Yes	INC	2	22:00	23:59
94	RT	Software Limitation	N/A	N/A	12-Jan-12	20	Yes	INC	4	20:35	23:44
95	RT	Software Limitation	N/A	N/A	18-Jan-12	0	Yes	INC	3	0:05	2:49
96	RT	Software Limitation	N/A	N/A	21-Jan-12	0	Yes	INC	1	15:35	15:59
97	RT	Software Limitation	PG&E	Fresno	2-Jan-12	46- 96	Yes	DEC	3	19:20	21:19
98	RT	Software Limitation	PG&E	Fresno	2-Jan-12	0	Yes	INC	3	19:20	21:19
99	RT	Software Limitation	PG&E	Fresno	17-Jan-12	0	Yes	INC	1	11:30	11:59
100	RT	Software Limitation	PG&E	Fresno	23-Jan-12	32- 58	Yes	INC	8	7:30	14:41
101	RT	Software Limitation	PG&E	Fresno	31-Jan-12	0	Yes	INC	3	20:20	22:19
102	RT	Software Limitation	PG&E	Humboldt	1-Jan-12	30- 48	No	INC	3	19:00	21:29
103	RT	Software Limitation	PG&E	N/A	13-Jan-12	0	No	INC	2	6:00	7:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
104	RT	Software Limitation	PG&E	N/A	18-Jan-12	0	No	INC	4	0:00	3:59
105	RT	Software Limitation	PG&E	N/A	19-Jan-12	0	No	INC	2	4:00	5:32
106	RT	Software Limitation	PG&E	N/A	20-Jan-12	0	No	INC	6	0:00	5:14
107	RT	Software Limitation	PG&E	N/A	21-Jan-12	0	No	INC	2	6:00	7:59
108	RT	Software Limitation	SCE	Big Creek-Ventura	7-Jan-12	0	Yes	INC	3	18:37	20:59
109	RT	Software Limitation	SCE	Big Creek-Ventura	14-Jan-12	78	No	INC	10	0:10	9:59
110	RT	Software Limitation	SCE	LA Basin	2-Jan-12	0	No	INC	11	13:00	23:59
111	RT	Software Limitation	SCE	LA Basin	7-Jan-12	0	Yes	INC	1	20:00	20:59
112	RT	Software Limitation	SCE	LA Basin	8-Jan-12	70	Yes	INC	15	9:00	23:59
113	RT	Software Limitation	SCE	LA Basin	9-Jan-12	124- 404	No	DEC	12	12:00	23:58
114	RT	Software Limitation	SCE	LA Basin	9-Jan-12	0	No	INC	12	12:00	23:58
115	RT	Software Limitation	SCE	LA Basin	10-Jan-12	70	Yes	INC	24	0:00	23:59
116	RT	Software Limitation	SCE	LA Basin	23-Jan-12	20	No	DEC	1	23:10	23:59
117	RT	Software Limitation	SCE	LA Basin	23-Jan-12	301	No	INC	5	9:40	13:29
118	RT	Software Limitation	SCE	LA Basin	24-Jan-12	0	No	INC	4	0:00	3:09
119	RT	Software Limitation	SCE	LA Basin	27-Jan-12	0	Yes	INC	17	0:20	16:19
120	RT	Software Limitation	SCE	LA Basin	30-Jan-12	70- 422	No	DEC	12	12:00	23:59
121	RT	Software Limitation	SCE	LA Basin	30-Jan-12	0	No	INC	3	12:00	14:59
122	RT	Software Limitation	SCE	LA Basin	31-Jan-12	70- 422	No	DEC	10	14:00	23:59
123	RT	Software Limitation	SCE	LA Basin	31-Jan-12	0	Yes	INC	5	19:45	23:59
124	RT	Software Limitation	SCE	N/A	3-Jan-12	210	No	DEC	1	6:45	6:59
125	RT	Software Limitation	SCE	N/A	5-Jan-12	0	No	INC	9	6:05	14:04
126	RT	Software Limitation	SDG&E	San Diego	4-Jan-12	0	Yes	INC	2	17:15	18:29
127	RT	Software Limitation	SDG&E	San Diego	25-Jan-12	68	No	INC	5	6:07	10:49
128	RT	Software Limitation	SDG&E	San Diego	30-Jan-12	75	Yes	INC	12	9:30	20:59
129	RT	Software Limitation	SDG&E	San Diego	31-Jan-12	0	No	INC	1	23:00	23:58
130	RT	System Energy	N/A	N/A	1-Jan-12	300	Yes	INC	1	2:00	2:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
131	RT	System Energy	N/A	N/A	4-Jan-12	250	Yes	INC	1	16:00	16:59
132	RT	System Energy	N/A	N/A	7-Jan-12	250	Yes	INC	6	12:00	17:59
133	RT	System Energy	N/A	N/A	9-Jan-12	250	Yes	INC	1	16:00	16:59
134	RT	System Energy	N/A	N/A	12-Jan-12	575- 625	No	INC	2	16:00	17:59
135	RT	System Energy	N/A	N/A	14-Jan-12	200	Yes	INC	1	22:00	22:59
136	RT	System Energy	N/A	N/A	19-Jan-12	235	Yes	INC	1	17:00	17:59
137	RT	System Energy	N/A	N/A	22-Jan-12	55	Yes	INC	1	23:00	23:59
138	RT	System Energy	N/A	N/A	23-Jan-12	250	Yes	INC	1	17:00	17:59
139	RT	System Energy	SCE	LA Basin	8-Jan-12	600	No	INC	4	16:40	19:59
140	RT	Transmission Outage Other	PG&E	Humboldt	20-Jan-12	32- 108	No	INC	11	13:50	23:59
141	RT	Transmission Outage Other	PG&E	Humboldt	21-Jan-12	29- 64	No	INC	22	0:00	21:59
142	RT	Transmission Outage PG&E	N/A	N/A	17-Jan-12	0	Yes	INC	2	10:15	11:14
143	RT	Transmission Outage PG&E	N/A	N/A	22-Jan-12	94- 726	Yes	INC	2	22:35	23:59
144	RT	Transmission Outage PG&E	N/A	N/A	26-Jan-12	37	Yes	INC	7	17:00	23:59
145	RT	Transmission Outage PG&E	N/A	N/A	31-Jan-12	37	Yes	INC	1	17:40	17:59
146	RT	Transmission Outage PG&E	PG&E	Bay Area	12-Jan-12	20	No	INC	4	19:00	22:59
147	RT	Transmission Outage PG&E	PG&E	Bay Area	13-Jan-12	20	Yes	INC	3	17:33	19:59
148	RT	Transmission Outage PG&E	PG&E	Bay Area	17-Jan-12	20- 45	Yes	INC	17	6:33	22:14
149	RT	Transmission Outage PG&E	PG&E	Bay Area	18-Jan-12	19- 30	Yes	INC	14	8:29	21:59
150	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Jan-12	20- 46	Yes	INC	16	6:34	21:59
151	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Jan-12	20	Yes	INC	5	17:20	21:59
152	RT	Transmission Outage PG&E	PG&E	Bay Area	21-Jan-12	20	Yes	INC	5	17:52	21:59
153	RT	Transmission Outage PG&E	PG&E	Bay Area	22-Jan-12	20- 140	Yes	INC	7	17:07	23:59
154	RT	Transmission Outage PG&E	PG&E	Bay Area	23-Jan-12	20	Yes	INC	6	17:30	22:44
155	RT	Transmission Outage PG&E	PG&E	Bay Area	24-Jan-12	20	Yes	INC	4	17:40	20:59
156	RT	Transmission Outage PG&E	PG&E	Bay Area	25-Jan-12	20	Yes	INC	7	17:53	23:59
157	RT	Transmission Outage PG&E	PG&E	Bay Area	27-Jan-12	20	Yes	INC	5	17:15	21:59
158	RT	Transmission Outage PG&E	PG&E	Bay Area	30-Jan-12	19- 60	Yes	INC	5	16:41	20:59
159	RT	Transmission Outage PG&E	PG&E	Bay Area	31-Jan-12	37	Yes	INC	3	17:40	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
160	RT	Transmission Outage PG&E	PG&E	Fresno	17-Jan-12	84- 96	Yes	INC	8	7:25	14:59
161	RT	Transmission Outage PG&E	PG&E	Fresno	19-Jan-12	46	No	INC	1	22:00	22:59
162	RT	Transmission Outage PG&E	PG&E	Fresno	20-Jan-12	32- 64	Yes	INC	4	16:40	19:59
163	RT	Transmission Outage PG&E	PG&E	Fresno	22-Jan-12	90	Yes	INC	3	21:55	23:59
164	RT	Transmission Outage PG&E	PG&E	Fresno	30-Jan-12	32- 77	Yes	INC	13	9:30	21:59
165	RT	Transmission Outage PG&E	PG&E	Fresno	31-Jan-12	77- 90	Yes	INC	12	7:00	18:59
166	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Jan-12	30	No	INC	2	6:52	7:59
167	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Jan-12	29- 44	No	INC	9	11:00	19:59
168	RT	Transmission Outage PG&E	PG&E	Humboldt	24-Jan-12	29	No	INC	13	6:43	18:59
169	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Jan-12	48	No	INC	1	15:40	15:59
170	RT	Transmission Outage PG&E	PG&E	N/A	17-Jan-12	300	Yes	INC	3	7:07	9:59
171	RT	Transmission Outage PG&E	PG&E	N/A	18-Jan-12	300- 380	No	INC	9	8:05	16:59
172	RT	Transmission Outage PG&E	PG&E	N/A	22-Jan-12	632	No	INC	2	21:50	22:41
173	RT	Transmission Outage PG&E	PG&E	NCNB	15-Jan-12	8- 50	No	DEC	5	6:54	10:59
174	RT	Transmission Outage PG&E	PG&E	NCNB	15-Jan-12	4	No	INC	2	9:40	10:59
175	RT	Transmission Outage PG&E	PG&E	NCNB	20-Jan-12	25- 30	No	DEC	7	9:17	15:59
176	RT	Transmission Outage PG&E	PG&E	Sierra	10-Jan-12	86- 92	Yes	INC	3	6:00	8:59
177	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Jan-12	20	Yes	INC	8	16:00	23:59
178	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	12-Jan-12	20	No	INC	3	12:00	14:59
179	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	13-Jan-12	20	Yes	INC	13	11:00	23:59
180	RT	Transmission Outage SCE	SCE	LA Basin	9-Jan-12	20- 55	Yes	INC	15	9:00	23:59
181	RT	Transmission Outage SCE	SCE	LA Basin	13-Jan-12	70	Yes	INC	24	0:00	23:59
182	RT	Transmission Outage SCE	SCE	LA Basin	14-Jan-12	70	Yes	INC	4	20:00	23:59
183	RT	Transmission Outage SCE	SDG&E	San Diego	9-Jan-12	20	No	INC	10	14:00	23:59
184	RT	Transmission Outage SDG&E	SCE	LA Basin	17-Jan-12	116	No	INC	1	7:05	7:19
185	RT	Transmission Outage SDG&E	SDG&E	N/A	17-Jan-12	73- 128	Yes	DEC	2	6:30	7:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
186	RT	Transmission Outage SDG&E	SDG&E	N/A	17-Jan-12	310	No	INC	2	6:10	7:59
187	RT	Transmission Outage SDG&E	SDG&E	N/A	20-Jan-12	154- 155	No	DEC	2	11:47	12:29
188	RT	Transmission Outage SDG&E	SDG&E	San Diego	9-Jan-12	56	Yes	INC	2	7:37	8:59
189	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Jan-12	70- 300	No	INC	13	6:00	18:59
190	RT	Transmission Outage SDG&E	SDG&E	San Diego	18-Jan-12	95- 443	Yes	INC	10	8:20	17:59
191	RT	Transmission Outage SDG&E	SDG&E	San Diego	19-Jan-12	94	Yes	INC	8	10:00	17:59
192	RT	Transmission Outage SDG&E	SDG&E	San Diego	20-Jan-12	47	Yes	INC	2	14:30	15:59
193	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jan-12	45	Yes	INC	9	7:55	15:59
194	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Jan-12	395	Yes	INC	13	11:40	23:59
195	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Jan-12	0	No	INC	3	0:00	2:19
196	RT	Unit Testing	PG&E	Fresno	10-Jan-12	54	No	INC	2	7:43	8:22
197	RT	Unit Testing	PG&E	N/A	9-Jan-12	27	Yes	INC	1	9:06	9:15
198	RT	Unit Testing	PG&E	N/A	10-Jan-12	26	No	INC	2	7:30	8:09
199	RT	Unit Testing	SCE	LA Basin	18-Jan-12	160- 525	No	INC	4	9:22	12:54

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 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 March, 2012.

/s/ Anna Pascuzzo

Anna Pascuzzo