California Independent
System Operator Corporation

March 15, 2011

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 2011 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 2011.

Respectfully submitted,

By: */s/ Sidney M. Davies*

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Exceptional Dispatch Report

Table 1: January 2011

ISO Market Services March 15, 2011

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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 January 2011.

The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post-day-ahead unit commitment, or a real-time exceptional dispatch[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 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 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 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 2011, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-206, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-129, transmission facilities in Fresno area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-138, transmission facilities in Humboldt area; and (5) other transmission outages in PG&E, SCE and SDG&E area.

The following additional reasons for exceptional dispatch instructions in January 2011 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System ("ADS") failure, or similar issues.); (2) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures; and (3) Ramp Rate, when exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in 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

[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.

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 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 171 exceptional dispatches in January 2011, decreasing slightly as compared to the data for December 2010 contained in the February 15, 2011 report. There were no exceptional dispatches in the day-ahead market. All exceptional dispatches in January were issued in the real-time market. Exceptional dispatches issued for the following reasons accounted for approximately 67 percent of the total exceptional dispatches during the reporting period: Software Limitation, T-138, and Ramp Rate. There was no designation of capacity under Interim Capacity Procurement Mechanism (ICPM) in January 2011.

Table 1: Exceptional Dispatches in January 2011

California Independent System Operator Corporation
Exceptional Dispatch Report
March 15, 2011

Chart 1: Table of Exceptional Dispatches for Period 01/January/2011 – 31/January/2011

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	RT	COI Limitation	N/A	N/A	23-Jan-11	100	Yes	INC	1	18:10	18:59
2	RT	G-206	SDG&E	San Diego	28-Jan-11	20	No	INC	10	5:00	14:17
3	RT	Generation Outage	N/A	N/A	10-Jan-11	99	Yes	INC	3	1:10	3:59
4	RT	Market Disruption	N/A	N/A	1-Jan-11	250	Yes	INC	1	11:00	11:59
5	RT	Market Disruption	N/A	N/A	4-Jan-11	275	Yes	DEC	1	7:00	7:59
6	RT	Market Disruption	N/A	N/A	4-Jan-11	0	Yes	INC	1	7:00	7:59
7	RT	Market Disruption	N/A	N/A	28-Jan-11	200	No	INC	1	18:00	18:59
8	RT	Market Disruption	N/A	N/A	29-Jan-11	110- 575	No	DEC	3	2:00	4:59
9	RT	Path 26	SCE	LA Basin	5-Jan-11	20	Yes	INC	23	1:00	23:59
10	RT	Ramp Rate	SCE	LA Basin	10-Jan-11	146	No	DEC	15	6:25	20:59
11	RT	Ramp Rate	SCE	LA Basin	10-Jan-11	50	No	INC	15	6:25	20:59
12	RT	Ramp Rate	SCE	LA Basin	11-Jan-11	146	No	DEC	14	6:35	19:59
13	RT	Ramp Rate	SCE	LA Basin	11-Jan-11	50	No	INC	14	6:35	19:59
14	RT	Ramp Rate	SCE	LA Basin	15-Jan-11	8- 42	No	DEC	6	16:25	21:59
15	RT	Ramp Rate	SCE	LA Basin	15-Jan-11	24- 56	No	INC	6	16:25	21:59
16	RT	Ramp Rate	SCE	LA Basin	16-Jan-11	276- 312	No	DEC	7	13:10	19:59
17	RT	Ramp Rate	SCE	LA Basin	16-Jan-11	16- 72	No	INC	7	13:10	19:59
18	RT	Ramp Rate	SCE	LA Basin	19-Jan-11	276- 326	No	DEC	6	14:59	19:59
19	RT	Ramp Rate	SCE	LA Basin	19-Jan-11	170	No	INC	11	9:21	19:59
20	RT	Ramp Rate	SCE	LA Basin	20-Jan-11	276	No	DEC	5	15:55	19:59
21	RT	Ramp Rate	SCE	LA Basin	20-Jan-11	170	No	INC	6	14:05	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
22	RT	Ramp Rate	SCE	LA Basin	21-Jan-11	72	No	INC	3	16:35	18:59
23	RT	Ramp Rate	SCE	LA Basin	22-Jan-11	266	No	DEC	3	16:40	18:59
24	RT	Ramp Rate	SCE	LA Basin	22-Jan-11	72	No	INC	3	16:00	18:59
25	RT	Ramp Rate	SCE	LA Basin	23-Jan-11	266	No	DEC	4	15:30	18:59
26	RT	Ramp Rate	SCE	LA Basin	23-Jan-11	120	No	INC	4	15:25	18:59
27	RT	Ramp Rate	SCE	LA Basin	24-Jan-11	120	No	INC	6	14:30	19:59
28	RT	Ramp Rate	SCE	LA Basin	25-Jan-11	193- 266	No	DEC	12	8:50	19:59
29	RT	Ramp Rate	SCE	LA Basin	25-Jan-11	116	No	INC	11	9:35	19:59
30	RT	Ramp Rate	SCE	LA Basin	26-Jan-11	120	No	INC	11	11:05	21:59
31	RT	Ramp Rate	SCE	LA Basin	27-Jan-11	14- 266	No	DEC	6	13:30	18:59
32	RT	Ramp Rate	SCE	LA Basin	27-Jan-11	21- 230	No	INC	11	11:20	21:59
33	RT	Ramp Rate	SCE	LA Basin	31-Jan-11	72	No	INC	4	15:10	18:59
34	RT	Ramp Rate	SDG&E	San Diego	28-Jan-11	70	No	INC	9	13:25	21:49
35	RT	Ramp Rate	SDG&E	San Diego	30-Jan-11	68	No	INC	2	8:34	9:19
36	RT	SCE Import Limit	SCE	LA Basin	28-Jan-11	25	No	INC	1	23:00	23:59
37	RT	SDG&E Import Limit	SDG&E	San Diego	28-Jan-11	20	No	INC	1	23:00	23:58
38	RT	SP26 Capacity	SCE	LA Basin	28-Jan-11	25	No	INC	18	5:00	22:59
39	RT	Software Limitation	N/A	N/A	4-Jan-11	1	No	DEC	2	6:30	7:01
40	RT	Software Limitation	N/A	N/A	4-Jan-11	280- 321	Yes	INC	2	6:30	7:01
41	RT	Software Limitation	N/A	N/A	6-Jan-11	0	Yes	INC	2	21:50	22:59
42	RT	Software Limitation	N/A	N/A	25-Jan-11	34- 37	Yes	DEC	2	10:55	11:49
43	RT	Software Limitation	N/A	N/A	26-Jan-11	15- 200	No	INC	6	17:00	22:59
44	RT	Software Limitation	N/A	N/A	27-Jan-11	87- 140	Yes	DEC	5	16:50	20:59
45	RT	Software Limitation	N/A	N/A	27-Jan-11	47- 176	Yes	INC	5	16:50	20:59
46	RT	Software Limitation	N/A	N/A	28-Jan-11	200	No	INC	1	17:33	17:59
47	RT	Software Limitation	N/A	N/A	29-Jan-11	160	Yes	INC	1	10:10	10:59
48	RT	Software Limitation	N/A	N/A	31-Jan-11	48- 80	No	INC	10	14:45	23:59
49	RT	Software Limitation	PG&E	Bay Area	1-Jan-11	310- 830	No	INC	2	0:00	1:49
50	RT	Software Limitation	PG&E	Bay Area	4-Jan-11	255	No	INC	1	6:36	6:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
51	RT	Software Limitation	PG&E	Bay Area	14-Jan-11	600	No	INC	4	2:15	5:59
52	RT	Software Limitation	PG&E	Bay Area	22-Jan-11	380	No	INC	4	15:20	18:59
53	RT	Software Limitation	PG&E	Bay Area	25-Jan-11	380- 600	No	INC	9	15:30	23:59
54	RT	Software Limitation	PG&E	Bay Area	26-Jan-11	253- 380	No	INC	2	0:00	1:59
55	RT	Software Limitation	PG&E	Fresno	2-Jan-11	83	No	INC	2	11:51	12:04
56	RT	Software Limitation	PG&E	Fresno	3-Jan-11	0	No	INC	1	6:35	6:59
57	RT	Software Limitation	PG&E	Fresno	4-Jan-11	83- 497	Yes	INC	4	6:23	9:54
58	RT	Software Limitation	PG&E	Fresno	10-Jan-11	0	Yes	INC	14	0:10	13:14
59	RT	Software Limitation	PG&E	Fresno	16-Jan-11	0	Yes	INC	24	0:15	23:58
60	RT	Software Limitation	PG&E	Fresno	17-Jan-11	0	Yes	INC	2	0:00	1:19
61	RT	Software Limitation	PG&E	Fresno	18-Jan-11	0	Yes	INC	24	0:00	23:59
62	RT	Software Limitation	PG&E	Fresno	19-Jan-11	0	No	INC	1	0:00	0:24
63	RT	Software Limitation	PG&E	Fresno	23-Jan-11	308	No	DEC	2	10:55	11:59
64	RT	Software Limitation	PG&E	Fresno	24-Jan-11	320	No	INC	4	17:49	20:59
65	RT	Software Limitation	PG&E	Fresno	25-Jan-11	0	Yes	INC	2	19:45	20:44
66	RT	Software Limitation	PG&E	Fresno	27-Jan-11	427	Yes	INC	2	18:35	19:14
67	RT	Software Limitation	PG&E	Fresno	31-Jan-11	0	No	INC	1	5:30	5:59
68	RT	Software Limitation	PG&E	N/A	4-Jan-11	640	Yes	INC	2	6:28	7:05
69	RT	Software Limitation	PG&E	N/A	15-Jan-11	0	Yes	INC	11	13:35	23:59
70	RT	Software Limitation	PG&E	N/A	16-Jan-11	0	No	INC	14	0:00	13:34
71	RT	Software Limitation	PG&E	N/A	19-Jan-11	0	Yes	INC	2	22:00	23:59
72	RT	Software Limitation	PG&E	N/A	20-Jan-11	5	Yes	INC	7	0:00	6:14
73	RT	Software Limitation	PG&E	N/A	26-Jan-11	200	No	INC	3	17:15	19:54
74	RT	Software Limitation	PG&E	N/A	27-Jan-11	200	Yes	INC	5	17:56	21:59
75	RT	Software Limitation	PG&E	Sierra	4-Jan-11	149	Yes	INC	2	6:28	7:05
76	RT	Software Limitation	SCE	Big Creek-Ventura	13-Jan-11	0	Yes	INC	1	23:50	23:59
77	RT	Software Limitation	SCE	Big Creek-Ventura	14-Jan-11	0	No	INC	5	0:00	4:49

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
78	RT	Software Limitation	SCE	Big Creek-Ventura	17-Jan-11	50	Yes	INC	3	19:40	21:59
79	RT	Software Limitation	SCE	Big Creek-Ventura	20-Jan-11	50	Yes	INC	2	6:00	7:59
80	RT	Software Limitation	SCE	LA Basin	7-Jan-11	159- 225	No	DEC	4	3:00	6:59
81	RT	Software Limitation	SCE	LA Basin	20-Jan-11	18	No	INC	2	15:00	16:59
82	RT	Software Limitation	SCE	LA Basin	22-Jan-11	159	No	DEC	1	6:00	6:59
83	RT	Software Limitation	SCE	LA Basin	24-Jan-11	240- 525	No	DEC	19	4:00	22:59
84	RT	Software Limitation	SCE	LA Basin	25-Jan-11	0	Yes	INC	2	19:10	20:09
85	RT	Software Limitation	SCE	LA Basin	26-Jan-11	300	No	INC	7	12:00	18:59
86	RT	Software Limitation	SCE	LA Basin	28-Jan-11	240-1516	No	INC	9	12:50	20:59
87	RT	Software Limitation	SCE	LA Basin	29-Jan-11	15	No	DEC	1	8:50	8:54
88	RT	Software Limitation	SCE	LA Basin	29-Jan-11	160	Yes	INC	19	0:20	18:59
89	RT	Software Limitation	SCE	LA Basin	31-Jan-11	0	Yes	INC	4	20:10	23:59
90	RT	Software Limitation	SDG&E	N/A	13-Jan-11	0	No	INC	1	23:15	23:59
91	RT	Software Limitation	SDG&E	N/A	14-Jan-11	0	No	INC	1	0:00	0:59
92	RT	Software Limitation	SDG&E	N/A	28-Jan-11	385	No	INC	1	18:05	18:41
93	RT	Software Limitation	SDG&E	San Diego	1-Jan-11	0	Yes	INC	2	22:50	23:19
94	RT	Software Limitation	SDG&E	San Diego	10-Jan-11	0	Yes	INC	3	2:30	4:29
95	RT	Software Limitation	SDG&E	San Diego	18-Jan-11	155	Yes	INC	16	0:00	15:59
96	RT	Software Limitation	SDG&E	San Diego	24-Jan-11	136	Yes	INC	2	7:24	8:59
97	RT	Software Limitation	SDG&E	San Diego	28-Jan-11	350	No	INC	1	18:06	18:26
98	RT	Software Limitation	SDG&E	San Diego	30-Jan-11	20	No	INC	15	8:00	22:59
99	RT	System Energy	N/A	N/A	6-Jan-11	175	Yes	INC	1	18:00	18:59
100	RT	System Energy	N/A	N/A	26-Jan-11	752	No	DEC	1	17:00	17:59
101	RT	System Energy	N/A	N/A	27-Jan-11	650	No	DEC	2	17:00	18:59
102	RT	System Energy	N/A	N/A	27-Jan-11	0	No	INC	2	17:00	18:59
103	RT	System Energy	N/A	N/A	29-Jan-11	150- 200	No	DEC	2	17:00	18:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
104	RT	System Energy	PG&E	Fresno	1-Jan-11	42	Yes	INC	2	19:09	20:09
105	RT	System Energy	PG&E	N/A	19-Jan-11	256	Yes	INC	4	16:35	19:59
106	RT	System Energy	SCE	LA Basin	20-Jan-11	195- 260	Yes	INC	4	17:44	20:09
107	RT	System Reliability	N/A	N/A	30-Jan-11	15	No	INC	17	0:00	16:59
108	RT	System Reliability	SDG&E	N/A	13-Jan-11	185	No	INC	2	22:45	23:29
109	RT	System Reliability	SDG&E	San Diego	7-Jan-11	200	No	INC	1	21:00	21:59
110	RT	T-103	SCE	LA Basin	24-Jan-11	266	No	DEC	6	14:55	19:59
111	RT	T-103	SCE	LA Basin	25-Jan-11	10	Yes	INC	24	0:00	23:59
112	RT	T-103	SCE	LA Basin	28-Jan-11	160	No	INC	11	7:40	17:59
113	RT	T-129	PG&E	Fresno	21-Jan-11	83	Yes	INC	2	13:00	14:14
114	RT	T-129	PG&E	Fresno	31-Jan-11	308	No	DEC	2	4:55	5:29
115	RT	T-129	PG&E	Fresno	31-Jan-11	0	No	INC	2	4:55	5:29
116	RT	T-132	SDG&E	N/A	13-Jan-11	185	No	INC	1	23:00	23:14
117	RT	T-132	SDG&E	San Diego	10-Jan-11	180- 437	Yes	INC	5	1:10	5:59
118	RT	T-132	SDG&E	San Diego	28-Jan-11	243	No	INC	2	20:27	21:44
119	RT	T-138	N/A	N/A	1-Jan-11	29- 45	No	INC	22	0:00	21:49
120	RT	T-138	N/A	N/A	2-Jan-11	29- 46	No	INC	17	7:42	23:59
121	RT	T-138	N/A	N/A	3-Jan-11	15- 80	No	INC	24	0:00	23:58
122	RT	T-138	N/A	N/A	4-Jan-11	16- 123	No	INC	24	0:00	23:58
123	RT	T-138	N/A	N/A	5-Jan-11	29- 121	No	INC	24	0:00	23:58
124	RT	T-138	N/A	N/A	6-Jan-11	16- 122	No	INC	24	0:00	23:59
125	RT	T-138	N/A	N/A	7-Jan-11	16- 48	No	INC	18	0:00	17:07
126	RT	T-138	N/A	N/A	8-Jan-11	16- 33	No	INC	-16	18:55	1:25
127	RT	T-138	N/A	N/A	9-Jan-11	16- 32	No	INC	6	17:00	22:59
128	RT	T-138	N/A	N/A	10-Jan-11	29- 92	No	INC	14	10:00	23:59
129	RT	T-138	N/A	N/A	11-Jan-11	33- 44	No	INC	18	5:07	22:29
130	RT	T-138	N/A	N/A	12-Jan-11	33- 81	No	INC	17	7:20	23:58
131	RT	T-138	N/A	N/A	13-Jan-11	33- 48	No	INC	17	0:00	16:59
132	RT	T-138	N/A	N/A	14-Jan-11	44	No	INC	2	19:35	20:19

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
133	RT	T-138	N/A	N/A	15-Jan-11	32	No	INC	3	18:45	20:59
134	RT	T-138	N/A	N/A	17-Jan-11	29- 125	No	INC	8	14:15	21:59
135	RT	T-138	N/A	N/A	18-Jan-11	32	No	INC	1	23:20	23:59
136	RT	T-138	N/A	N/A	19-Jan-11	32- 75	No	INC	23	0:00	22:09
137	RT	T-138	N/A	N/A	22-Jan-11	15- 59	No	INC	18	6:00	23:58
138	RT	T-138	N/A	N/A	23-Jan-11	15- 16	No	INC	21	0:00	20:05
139	RT	T-138	N/A	N/A	24-Jan-11	15	No	INC	1	23:48	23:58
140	RT	T-138	N/A	N/A	25-Jan-11	15- 48	No	INC	24	0:00	23:15
141	RT	T-138	N/A	N/A	26-Jan-11	32	No	INC	1	22:00	22:59
142	RT	T-138	N/A	N/A	28-Jan-11	16- 30	No	INC	2	5:16	6:44
143	RT	T-138	N/A	N/A	30-Jan-11	48	No	INC	3	20:49	22:24
144	RT	T-138	PG&E	Fresno	10-Jan-11	35	Yes	DEC	4	18:13	21:09
145	RT	T-138	PG&E	Fresno	10-Jan-11	14- 48	Yes	INC	23	1:00	23:58
146	RT	T-138	PG&E	Humboldt	8-Jan-11	33	No	INC	2	0:34	1:25
147	RT	Transmission Outage Other	SDG&E	San Diego	27-Jan-11	45	No	INC	2	8:35	9:44
148	RT	Transmission Outage PG&E	N/A	N/A	12-Jan-11	65	No	DEC	1	19:00	19:39
149	RT	Transmission Outage PG&E	N/A	N/A	20-Jan-11	16- 32	Yes	INC	5	12:15	16:27
150	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	6-Jan-11	424- 520	Yes	INC	8	9:33	16:24
151	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	26-Jan-11	855- 905	No	INC	2	18:19	19:14
152	RT	Transmission Outage SDG&E	N/A	N/A	15-Jan-11	99	Yes	INC	2	10:00	11:44
153	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Jan-11	45	Yes	INC	13	7:44	19:14
154	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Jan-11	45	Yes	INC	9	8:10	16:59
155	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Jan-11	14	Yes	INC	5	8:21	12:29
156	RT	Transmission Outage SDG&E	SDG&E	San Diego	13-Jan-11	18	Yes	INC	5	10:22	14:59
157	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Jan-11	200	Yes	INC	13	7:03	19:59
158	RT	Transmission Outage SDG&E	SDG&E	San Diego	19-Jan-11	47	Yes	INC	7	10:00	16:59
159	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Jan-11	45	Yes	INC	9	10:28	18:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
160	RT	Transmission Outage SDG&E	SDG&E	San Diego	27-Jan-11	45	No	INC	1	9:40	9:44
161	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Jan-11	20	No	INC	15	8:00	22:59
162	RT	Unit Testing	PG&E	N/A	14-Jan-11	200- 750	Yes	INC	7	13:10	19:34
163	RT	Unit Testing	PG&E	N/A	19-Jan-11	265- 754	Yes	INC	6	11:20	16:34
164	RT	Voltage Control	PG&E	Fresno	2-Jan-11	308	No	DEC	9	2:15	10:59
165	RT	Voltage Control	PG&E	Fresno	2-Jan-11	83	Yes	INC	2	11:40	12:59
166	RT	Voltage Support	N/A	N/A	25-Jan-11	20- 260	No	DEC	16	7:00	22:09
167	RT	Voltage Support	PG&E	Fresno	3-Jan-11	0- 308	Yes	DEC	22	0:55	21:59
168	RT	Voltage Support	PG&E	Fresno	3-Jan-11	83	Yes	INC	10	12:08	21:59
169	RT	Voltage Support	PG&E	Fresno	7-Jan-11	308	No	DEC	4	1:26	4:29
170	RT	Voltage Support	PG&E	Fresno	12-Jan-11	308	Yes	DEC	2	2:35	3:29
171	RT	Voltage Support	PG&E	Fresno	16-Jan-11	308	No	DEC	1	3:00	3:59

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 G-219. 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	G-219
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	G-219
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	G-219.

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

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	G-219	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 T-138. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure T-138. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C is shown in Table 4.

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	t-138
01-Jul-09	RT	B	PG&E	Humboldt	07:00	09:00	40	20	No	INC	20	t-138
01-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	t-138
01-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	t-138

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

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	T-138	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 T-129. 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	t-129
01-Jul-09	RT	B	PG&E	Fresno	07:00	09:00	40	60	No	DEC	20	t-129
01-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	t-129

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	T-129	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00
1	RT	T-129	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, 2011.

/s/ Anna Pascuzzo

Anna Pascuzzo