February 15, 2013

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-___
December 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 December 2012.

Respectfully submitted,

By: *__/s/ Sidney M. Davies__*

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Exceptional Dispatch Report

Table 1: December 2012

ISO Market Quality and Renewable Integration **February 15, 2013**

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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 December 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 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 instructions 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 December 2012, the ISO issued exceptional dispatches for the following local area generation requirement: (1) 7630, SCE area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 6610, Lugo-Victorville 500 kV Line and Sylmar Transformer Banks Operation; (3) 7110, transmission facilities in Humboldt area; (4) 7320, transmission facilities in Bay Area; (5) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; and (6) other transmission outages in PG&E, SCE and SDG&E area.

The following additional reasons for exceptional dispatch instructions in December 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) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures. There were a few other reasons used to explain exceptional dispatch instructions in December, 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.

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

[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 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 212 exceptional dispatches in December 2012, decreasing by 7 as compared to the February 7, 2013 report for November 2012. Exceptional dispatches issued for the following reasons accounted for approximately 52 percent of the total exceptional dispatches during the reporting period: Software Limitation, Transmission Outage PG&E, Unit Testing, and 6510.

Table 1: Exceptional Dispatches in December 2012

California Independent System Operator Corporation
Exceptional Dispatch Report
February 15, 2013

Chart 1: Table of Exceptional Dispatches for Period 01/December /2012 – 30/ December /2012

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	RT	6510	SCE	Big Creek-Ventura	19-Dec-12	20- 50	Yes	INC	11	10:45	20:59
2	RT	6510	SCE	Big Creek-Ventura	28-Dec-12	100	Yes	INC	14	7:40	20:59
3	RT	6510	SCE	LA Basin	11-Dec-12	161	No	DEC	6	15:10	20:59
4	RT	6510	SCE	LA Basin	11-Dec-12	190	Yes	INC	6	15:10	20:59
5	RT	6510	SCE	LA Basin	14-Dec-12	25- 71	Yes	INC	24	0:00	23:59
6	RT	6510	SCE	LA Basin	15-Dec-12	20	Yes	INC	24	0:00	23:59
7	RT	6510	SCE	LA Basin	18-Dec-12	262- 530	Yes	DEC	15	6:45	20:59
8	RT	6510	SCE	LA Basin	18-Dec-12	20- 290	Yes	INC	18	6:40	23:59
9	RT	6510	SCE	LA Basin	19-Dec-12	2- 142	Yes	DEC	14	7:00	20:59
10	RT	6510	SCE	LA Basin	19-Dec-12	170	Yes	INC	14	7:00	20:59
11	RT	6510	SCE	LA Basin	28-Dec-12	141	Yes	INC	14	7:30	20:59
12	RT	6510	SDG&E	San Diego	6-Dec-12	20	No	INC	24	0:00	23:59
13	RT	6510	SDG&E	San Diego	14-Dec-12	20- 40	Yes	INC	24	0:00	23:59
14	RT	6510	SDG&E	San Diego	19-Dec-12	20	No	INC	5	11:50	15:24
15	RT	6510	SDG&E	San Diego-IV	14-Dec-12	20- 40	Yes	INC	24	0:00	23:59
16	RT	6610	SCE	LA Basin	18-Dec-12	160- 180	Yes	INC	24	0:00	23:59
17	RT	7110	PG&E	Humboldt	1-Dec-12	73- 140	No	INC	23	0:00	22:59
18	RT	7110	PG&E	Humboldt	2-Dec-12	48	No	INC	8	16:40	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
19	RT	7110	PG&E	Humboldt	12-Dec-12	58- 88	No	INC	7	14:00	20:59
20	RT	7110	PG&E	Humboldt	20-Dec-12	15- 122	No	INC	17	7:30	23:59
21	RT	7110	PG&E	Humboldt	21-Dec-12	91- 122	No	INC	24	0:00	23:59
22	RT	7110	PG&E	Humboldt	22-Dec-12	76- 120	No	INC	24	0:00	23:59
23	RT	7110	PG&E	Humboldt	23-Dec-12	75- 105	No	INC	24	0:00	23:59
24	RT	7110	PG&E	Humboldt	24-Dec-12	75- 120	No	INC	24	0:00	23:59
25	RT	7110	PG&E	Humboldt	25-Dec-12	75- 90	No	INC	24	0:00	23:59
26	RT	7110	PG&E	Humboldt	26-Dec-12	75- 104	No	INC	24	0:00	23:58
27	RT	7110	PG&E	Humboldt	27-Dec-12	75- 119	No	INC	21	0:00	20:25
28	RT	7110	SCE	LA Basin	21-Dec-12	0	Yes	INC	2	0:00	1:39
29	RT	7320	PG&E	Bay Area	29-Dec-12	20	Yes	INC	4	18:20	21:29
30	RT	7320	PG&E	Bay Area	31-Dec-12	19- 37	No	INC	3	17:28	19:59
31	RT	7630	PG&E	N/A	6-Dec-12	180	Yes	INC	1	3:05	3:59
32	RT	7630	SCE	LA Basin	4-Dec-12	25- 71	Yes	INC	18	6:25	23:59
33	RT	7630	SCE	LA Basin	6-Dec-12	182	No	DEC	3	20:23	22:59
34	RT	7630	SCE	LA Basin	6-Dec-12	47- 600	Yes	INC	2	20:24	21:59
35	RT	7630	SCE	LA Basin	7-Dec-12	20	Yes	INC	16	8:00	23:59
36	RT	7630	SCE	LA Basin	19-Dec-12	46	No	DEC	4	18:10	21:06
37	RT	7630	SCE	LA Basin	19-Dec-12	46	Yes	INC	4	18:10	21:06
38	RT	7630	SCE	LA Basin	20-Dec-12	20- 190	Yes	INC	24	0:00	23:59
39	RT	7720	SCE	N/A	10-Dec-12	410	No	INC	8	15:42	22:59
40	RT	7720	SCE	N/A	12-Dec-12	410	No	INC	10	13:40	22:59
41	RT	Bridging Schedules	PG&E	Bay Area	14-Dec-12	45	Yes	INC	2	22:00	23:59
42	RT	Bridging Schedules	SCE	LA Basin	3-Dec-12	20	No	INC	2	22:00	23:59
43	RT	Bridging Schedules	SCE	LA Basin	4-Dec-12	20	Yes	INC	2	22:00	23:59
44	RT	Bridging Schedules	SCE	LA Basin	14-Dec-12	20	No	INC	2	22:00	23:59
45	RT	Bridging Schedules	SDG&E	San Diego-IV	4-Dec-12	20	Yes	INC	3	21:00	23:59
46	RT	COI Mitigation	PG&E	Fresno	2-Dec-12	150- 404	Yes	INC	1	20:10	20:17

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
47	RT	COI Mitigation	PG&E	Fresno	15-Dec-12	140	Yes	INC	1	21:18	21:22
48	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	4-Dec-12	45	Yes	INC	16	8:00	23:59
49	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	5-Dec-12	45	Yes	INC	24	0:00	23:59
50	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	12-Dec-12	45	Yes	INC	15	9:00	23:59
51	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	13-Dec-12	45- 135	Yes	INC	21	3:00	23:59
52	RT	Conditions beyond control of the CAISO BA	PG&E	N/A	27-Dec-12	180	Yes	INC	16	8:00	23:59
53	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	4-Dec-12	25	Yes	INC	1	6:00	6:59
54	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	12-Dec-12	20	Yes	INC	24	0:00	23:59
55	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	13-Dec-12	20- 45	Yes	INC	9	0:00	8:34
56	RT	Conditions beyond control of the CAISO BA	SCE	N/A	6-Dec-12	80	Yes	INC	8	16:00	23:59
57	RT	Conditions beyond control of the CAISO BA	SCE	N/A	7-Dec-12	80	Yes	INC	24	0:00	23:59
58	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	1-Dec-12	20	No	INC	22	2:00	23:59
59	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego-IV	1-Dec-12	20	No	INC	22	2:00	23:59
60	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego-IV	13-Dec-12	20	Yes	INC	24	0:00	23:59
61	RT	Contingency	PG&E	Fresno	12-Dec-12	57- 257	Yes	INC	1	8:15	8:32
62	RT	Contingency	PG&E	Fresno	20-Dec-12	30	No	INC	1	8:46	8:56
63	RT	Generation Outage	PG&E	Bay Area	14-Dec-12	45	Yes	INC	24	0:00	23:59
64	RT	Intertie Emergency Assistance	Intertie	N/A	12-Dec-12	100	No	INC	2	13:43	14:59
65	RT	Market Disruption	Intertie	N/A	3-Dec-12	140	Yes	INC	1	12:00	12:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
66	RT	Market Disruption	Intertie	N/A	4-Dec-12	76	No	DEC	1	16:00	16:59
67	RT	Market Disruption	Intertie	N/A	4-Dec-12	730	Yes	INC	1	16:00	16:59
68	RT	Market Disruption	Intertie	N/A	21-Dec-12	60	Yes	INC	1	11:00	11:59
69	RT	Over Generation	SCE	LA Basin	5-Dec-12	600	No	INC	1	4:10	4:41
70	RT	Over Generation	SDG&E	San Diego	6-Dec-12	160	No	INC	3	0:42	2:27
71	RT	Over Generation	SDG&E	San Diego-IV	6-Dec-12	160	No	INC	3	0:42	2:27
72	RT	Path 26	SCE	LA Basin	12-Dec-12	146	No	DEC	6	14:50	19:59
73	RT	Path 26	SCE	LA Basin	12-Dec-12	190- 240	Yes	INC	6	14:50	19:59
74	RT	Path 26	SCE	LA Basin	13-Dec-12	45- 261	Yes	INC	16	8:30	23:59
75	RT	Path 26	SDG&E	San Diego	12-Dec-12	44	Yes	INC	3	17:20	19:59
76	RT	Path 26	SDG&E	San Diego-IV	12-Dec-12	44- 46	Yes	INC	4	16:51	19:59
77	RT	Ramp Rate	PG&E	Bay Area	10-Dec-12	0- 324	Yes	DEC	6	15:30	20:59
78	RT	Ramp Rate	PG&E	Bay Area	10-Dec-12	6- 16	Yes	INC	6	15:30	20:59
79	RT	Ramp Rate	SCE	LA Basin	10-Dec-12	14- 530	Yes	DEC	16	6:40	21:59
80	RT	Ramp Rate	SCE	LA Basin	10-Dec-12	30- 100	Yes	INC	16	6:40	21:59
81	RT	Ramp Rate	SCE	LA Basin	11-Dec-12	29- 265	No	DEC	6	15:25	20:59
82	RT	Ramp Rate	SCE	LA Basin	11-Dec-12	36	No	INC	6	15:25	20:59
83	RT	SCE Import Limit	SCE	LA Basin	9-Dec-12	71	Yes	INC	4	16:25	19:59
84	RT	SCE Import Limit	SCE	LA Basin	30-Dec-12	20	Yes	INC	17	7:00	23:59
85	RT	Software Limitation	PG&E	Bay Area	4-Dec-12	112- 120	No	INC	2	14:42	15:17
86	RT	Software Limitation	PG&E	Bay Area	10-Dec-12	185	No	DEC	1	8:00	8:59
87	RT	Software Limitation	PG&E	Bay Area	22-Dec-12	0	No	INC	1	0:00	0:59
88	RT	Software Limitation	PG&E	Fresno	3-Dec-12	83	Yes	INC	4	13:22	16:59
89	RT	Software Limitation	PG&E	Fresno	4-Dec-12	0	Yes	INC	2	18:45	19:44
90	RT	Software Limitation	PG&E	Fresno	8-Dec-12	0	Yes	INC	2	21:45	22:44
91	RT	Software Limitation	PG&E	Fresno	10-Dec-12	0	Yes	INC	1	11:00	11:59
92	RT	Software Limitation	PG&E	Fresno	19-Dec-12	315	Yes	INC	1	0:00	0:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
93	RT	Software Limitation	PG&E	Fresno	22-Dec-12	315	Yes	DEC	1	23:40	23:58
94	RT	Software Limitation	PG&E	Fresno	23-Dec-12	315	Yes	DEC	2	0:00	1:59
95	RT	Software Limitation	PG&E	Fresno	31-Dec-12	5	No	INC	1	0:00	0:59
96	RT	Software Limitation	PG&E	Humboldt	2-Dec-12	44- 58	No	INC	6	18:49	23:58
97	RT	Software Limitation	PG&E	Humboldt	3-Dec-12	15- 30	No	INC	24	0:00	23:58
98	RT	Software Limitation	PG&E	N/A	4-Dec-12	60	No	INC	2	14:42	15:17
99	RT	Software Limitation	PG&E	N/A	25-Dec-12	0	Yes	INC	1	23:45	23:59
100	RT	Software Limitation	PG&E	N/A	26-Dec-12	0	No	INC	4	0:00	3:44
101	RT	Software Limitation	SCE	Big Creek-Ventura	3-Dec-12	0	Yes	INC	2	21:45	22:14
102	RT	Software Limitation	SCE	Big Creek-Ventura	7-Dec-12	0	Yes	INC	1	23:15	23:44
103	RT	Software Limitation	SCE	Big Creek-Ventura	16-Dec-12	0	Yes	INC	2	22:30	23:29
104	RT	Software Limitation	SCE	Big Creek-Ventura	19-Dec-12	0	Yes	INC	2	22:40	23:09
105	RT	Software Limitation	SCE	Big Creek-Ventura	28-Dec-12	0	Yes	INC	1	8:30	8:59
106	RT	Software Limitation	SCE	Big Creek-Ventura	29-Dec-12	0	Yes	INC	2	18:35	19:04
107	RT	Software Limitation	SCE	LA Basin	1-Dec-12	0	Yes	INC	2	21:45	22:44
108	RT	Software Limitation	SCE	LA Basin	2-Dec-12	47	No	DEC	2	17:30	18:29
109	RT	Software Limitation	SCE	LA Basin	3-Dec-12	0	Yes	INC	2	21:45	22:44
110	RT	Software Limitation	SCE	LA Basin	6-Dec-12	0	Yes	INC	2	22:55	23:54
111	RT	Software Limitation	SCE	LA Basin	13-Dec-12	0	Yes	INC	2	21:10	22:09
112	RT	Software Limitation	SCE	LA Basin	20-Dec-12	0	Yes	INC	1	23:40	23:59
113	RT	Software Limitation	SCE	LA Basin	22-Dec-12	0	Yes	INC	2	1:30	2:29
114	RT	Software Limitation	SCE	N/A	14-Dec-12	226	No	INC	2	21:40	22:59
115	RT	Software Limitation	SDG&E	San Diego	1-Dec-12	75	Yes	INC	13	8:00	20:59
116	RT	Software Limitation	SDG&E	San Diego	4-Dec-12	300	No	INC	2	14:51	15:19

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
117	RT	Software Limitation	SDG&E	San Diego	12-Dec-12	300- 325	No	INC	1	13:09	13:29
118	RT	Software Limitation	SDG&E	San Diego-IV	1-Dec-12	23	Yes	DEC	6	15:10	20:59
119	RT	Software Limitation	SDG&E	San Diego-IV	1-Dec-12	25- 75	Yes	INC	9	12:25	20:59
120	RT	Software Limitation	SDG&E	San Diego-IV	4-Dec-12	300	No	INC	2	14:51	15:19
121	RT	Software Limitation	SDG&E	San Diego-IV	19-Dec-12	0	No	INC	1	23:05	23:59
122	RT	Stranded A/S or RUC	SCE	LA Basin	6-Dec-12	53	No	DEC	4	13:15	16:59
123	RT	Stranded A/S or RUC	SCE	LA Basin	6-Dec-12	1	No	INC	4	13:15	16:59
124	RT	System Energy	Intertie	N/A	1-Dec-12	300	Yes	INC	1	16:00	16:59
125	RT	System Energy	Intertie	N/A	7-Dec-12	96	Yes	INC	2	2:00	3:59
126	RT	System Energy	Intertie	N/A	12-Dec-12	425	Yes	INC	1	16:00	16:59
127	RT	System Energy	Intertie	N/A	19-Dec-12	100	Yes	INC	1	16:00	16:59
128	RT	System Energy	Intertie	N/A	27-Dec-12	119	No	DEC	1	6:00	6:59
129	RT	System Energy	Intertie	N/A	27-Dec-12	200	Yes	INC	1	6:00	6:59
130	RT	System Energy	Intertie	N/A	31-Dec-12	160	No	DEC	1	17:00	17:59
131	RT	System Energy	Intertie	N/A	31-Dec-12	300	Yes	INC	1	17:00	17:59
132	RT	System Load	SCE	Big Creek-Ventura	8-Dec-12	50	Yes	INC	4	16:05	19:59
133	RT	System Load	SCE	LA Basin	7-Dec-12	70	Yes	INC	7	15:30	21:59
134	RT	System Load	SCE	LA Basin	10-Dec-12	190	Yes	INC	6	15:15	20:59
135	RT	System Load	SDG&E	San Diego	3-Dec-12	20- 131	No	INC	24	0:00	23:59
136	RT	System Load	SDG&E	San Diego	19-Dec-12	20- 63	No	INC	9	15:25	23:59
137	RT	System Load	SDG&E	San Diego-IV	3-Dec-12	20- 68	No	INC	21	0:00	20:59
138	RT	System Load	SDG&E	San Diego-IV	4-Dec-12	20- 68	No	INC	18	6:25	23:59
139	RT	Thermal Margin	PG&E	Bay Area	25-Dec-12	45	Yes	INC	1	23:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
140	RT	Thermal Margin	PG&E	Bay Area	26-Dec-12	45	Yes	INC	24	0:00	23:59
141	RT	Thermal Margin	SDG&E	San Diego	5-Dec-12	20	No	INC	24	0:00	23:59
142	RT	Thermal Margin	SDG&E	San Diego-IV	3-Dec-12	20	No	INC	3	21:00	23:59
143	RT	Thermal Margin	SDG&E	San Diego-IV	4-Dec-12	20	No	INC	7	0:00	6:59
144	RT	Thermal Margin	SDG&E	San Diego-IV	5-Dec-12	20- 40	No	INC	24	0:00	23:59
145	RT	Transmission Outage PG&E	PG&E	Bay Area	7-Dec-12	26- 46	Yes	INC	4	6:55	9:49
146	RT	Transmission Outage PG&E	PG&E	Bay Area	11-Dec-12	20- 46	Yes	INC	5	18:35	22:59
147	RT	Transmission Outage PG&E	PG&E	Bay Area	14-Dec-12	19	No	INC	6	7:14	12:59
148	RT	Transmission Outage PG&E	PG&E	Bay Area	18-Dec-12	20- 35	No	INC	4	19:18	22:20
149	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Dec-12	20	Yes	INC	3	20:08	22:51
150	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Dec-12	20	Yes	INC	5	18:55	22:59
151	RT	Transmission Outage PG&E	PG&E	Bay Area	21-Dec-12	20	Yes	INC	5	18:35	22:59
152	RT	Transmission Outage PG&E	PG&E	Bay Area	23-Dec-12	20	Yes	INC	1	19:00	19:59
153	RT	Transmission Outage PG&E	PG&E	Fresno	5-Dec-12	0	No	INC	1	1:27	1:41
154	RT	Transmission Outage PG&E	PG&E	Fresno	6-Dec-12	83- 180	Yes	INC	10	11:29	20:59
155	RT	Transmission Outage PG&E	PG&E	Fresno	7-Dec-12	46- 96	No	INC	5	2:16	6:59
156	RT	Transmission Outage PG&E	PG&E	Fresno	13-Dec-12	0	Yes	INC	1	4:05	4:59
157	RT	Transmission Outage PG&E	PG&E	Fresno	14-Dec-12	0	Yes	INC	1	3:14	3:34
158	RT	Transmission Outage PG&E	PG&E	Fresno	18-Dec-12	1	Yes	DEC	2	21:47	22:29
159	RT	Transmission Outage PG&E	PG&E	Fresno	18-Dec-12	83	Yes	INC	2	21:47	22:29
160	RT	Transmission Outage PG&E	PG&E	Fresno	19-Dec-12	83	Yes	INC	2	22:00	23:29
161	RT	Transmission Outage PG&E	PG&E	Fresno	20-Dec-12	5- 16	Yes	INC	3	7:23	9:59
162	RT	Transmission Outage PG&E	PG&E	Humboldt	1-Dec-12	60- 74	No	INC	2	22:28	23:58
163	RT	Transmission Outage PG&E	PG&E	Humboldt	2-Dec-12	44- 73	No	INC	24	0:00	23:59
164	RT	Transmission Outage PG&E	PG&E	Humboldt	3-Dec-12	32- 92	No	INC	24	0:00	23:40
165	RT	Transmission Outage PG&E	PG&E	N/A	6-Dec-12	180	Yes	INC	14	6:00	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
166	RT	Transmission Outage PG&E	PG&E	N/A	7-Dec-12	0	No	DEC	2	6:55	7:10
167	RT	Transmission Outage PG&E	PG&E	N/A	7-Dec-12	0	Yes	INC	2	6:55	7:10
168	RT	Transmission Outage PG&E	PG&E	NCNB	2-Dec-12	11- 23	No	DEC	8	8:40	15:59
169	RT	Transmission Outage PG&E	PG&E	Sierra	3-Dec-12	20	Yes	INC	21	3:31	23:59
170	RT	Transmission Outage PG&E	PG&E	Sierra	4-Dec-12	20	Yes	INC	24	0:00	23:59
171	RT	Transmission Outage PG&E	PG&E	Sierra	13-Dec-12	20	Yes	INC	2	17:31	18:59
172	RT	Transmission Outage PG&E	SDG&E	San Diego	20-Dec-12	0	No	INC	1	0:00	0:04
173	RT	Transmission Outage SCE	PG&E	NCNB	17-Dec-12	23- 33	No	DEC	1	23:15	23:59
174	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	4-Dec-12	20- 100	Yes	INC	18	6:00	23:59
175	RT	Transmission Outage SCE	SCE	N/A	1-Dec-12	218- 220	No	INC	1	23:05	23:59
176	RT	Transmission Outage SCE	SCE	N/A	2-Dec-12	172- 218	No	INC	24	0:00	23:59
177	RT	Transmission Outage SCE	SCE	N/A	3-Dec-12	210- 218	No	INC	16	8:51	23:59
178	RT	Transmission Outage SCE	SCE	N/A	4-Dec-12	210	No	INC	21	3:00	23:59
179	RT	Transmission Outage SCE	SCE	N/A	5-Dec-12	210	No	INC	24	0:00	23:59
180	RT	Transmission Outage SCE	SCE	N/A	6-Dec-12	210	No	INC	4	20:29	23:59
181	RT	Transmission Outage SCE	SCE	N/A	7-Dec-12	200- 210	No	INC	12	12:49	23:59
182	RT	Transmission Outage SCE	SCE	N/A	8-Dec-12	218	No	INC	5	7:15	11:59
183	RT	Transmission Outage SDG&E	SDG&E	San Diego	1-Dec-12	63	No	INC	10	13:10	22:59
184	RT	Transmission Outage SDG&E	SDG&E	San Diego	2-Dec-12	20- 63	No	INC	24	0:00	23:59
185	RT	Transmission Outage SDG&E	SDG&E	San Diego	3-Dec-12	14- 28	Yes	INC	6	9:39	14:13
186	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Dec-12	15- 30	Yes	INC	7	7:47	13:59
187	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Dec-12	277- 278	No	INC	4	20:15	23:59
188	RT	Transmission Outage SDG&E	SDG&E	San Diego	13-Dec-12	277	No	INC	3	0:00	2:14
189	RT	Transmission Outage SDG&E	SDG&E	San Diego-IV	1-Dec-12	68	No	INC	10	13:10	22:59
190	RT	Transmission Outage SDG&E	SDG&E	San Diego-IV	2-Dec-12	20	No	INC	24	0:00	23:59
191	RT	Transmission Outage SDG&E	SDG&E	San Diego-IV	3-Dec-12	28	Yes	INC	4	11:47	14:13

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
192	RT	Transmission Outage SDG&E	SDG&E	San Diego-IV	7-Dec-12	15	Yes	INC	3	11:25	13:59
193	RT	Transmission Outage SDG&E	SDG&E	San Diego-IV	18-Dec-12	16- 28	No	INC	6	17:36	22:59
194	RT	Unit Testing	PG&E	Bay Area	12-Dec-12	25- 196	No	INC	2	13:00	14:50
195	RT	Unit Testing	PG&E	Fresno	5-Dec-12	97	No	INC	4	9:07	12:24
196	RT	Unit Testing	PG&E	Fresno	17-Dec-12	20- 196	No	INC	4	8:10	11:24
197	RT	Unit Testing	PG&E	N/A	8-Dec-12	126- 200	No	INC	9	9:55	17:59
198	RT	Unit Testing	PG&E	N/A	9-Dec-12	121	No	INC	4	7:30	10:59
199	RT	Unit Testing	PG&E	N/A	10-Dec-12	160	No	INC	10	8:20	17:59
200	RT	Unit Testing	PG&E	N/A	11-Dec-12	120- 180	No	INC	11	7:20	17:59
201	RT	Unit Testing	PG&E	N/A	12-Dec-12	200	No	INC	2	12:50	13:59
202	RT	Unit Testing	PG&E	N/A	17-Dec-12	136- 259	Yes	INC	16	8:05	23:59
203	RT	Unit Testing	PG&E	N/A	18-Dec-12	136	Yes	INC	8	0:00	7:59
204	RT	Unit Testing	PG&E	Sierra	6-Dec-12	165- 200	Yes	INC	4	12:00	15:59
205	RT	Unit Testing	PG&E	Sierra	8-Dec-12	6	Yes	INC	11	9:55	19:59
206	RT	Unit Testing	PG&E	Sierra	13-Dec-12	0	Yes	INC	1	17:45	17:59
207	RT	Unit Testing	PG&E	Stockton	4-Dec-12	89- 160	No	INC	2	10:14	11:11
208	RT	Unit Testing	PG&E	Stockton	13-Dec-12	192- 325	No	INC	2	9:12	10:09
209	RT	Unit Testing	SCE	Big Creek-Ventura	5-Dec-12	25- 49	No	INC	2	14:00	15:04
210	RT	Unit Testing	SCE	Big Creek-Ventura	20-Dec-12	16- 48	No	INC	1	9:11	9:54
211	RT	Voltage Support	PG&E	Fresno	30-Dec-12	83	Yes	INC	4	13:15	16:59
212	RT	Voltage Support	PG&E	Fresno	31-Dec-12	83	Yes	INC	2	15:35	16:59

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 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 6 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 7 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	N/A	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 February 2013.

/s/ Anna Pascuzzo

Anna Pascuzzo