December 15, 2014

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-___
October 2014 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 October 2014.

Respectfully submitted,

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Exceptional Dispatch Report

Table 1: October 2014

ISO Market Quality and Renewable Integration **December 15, 2014**

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Introduction

This report is filed pursuant to FERC's September 2, 2009 and June 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 October 2014. On December 19, 2013, the ISO implemented a new exceptional dispatch tool. This tool improves the ISO's ability to automate the production of the report and provides more granularity and consistency concerning the reasons for the exceptional dispatch.

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 of the transmission procedures are available on the CAISO website[2].

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[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**

The following reason for exceptional dispatch instructions in August 2014 was not related to specific generation or transmission operating procedures: 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. There were a few other reasons used to explain exceptional dispatch instructions in August 2014, 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 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 157 exceptional dispatches in October 2014, as compared to 140 exceptional dispatches in September 2014. Exceptional dispatches issued for the following reasons accounted for

[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.

approximately 57 percent of the total exceptional dispatches during the reporting period: market disruptions, software limitations, planned transmission outage and load forecast uncertainty.

Table 1: Exceptional Dispatches in October 2014

California Independent System Operator Corporation
Exceptional Dispatch Report
December 15, 2014

Chart 1: Table of Exceptional Dispatches for Period 01/October/2014 - 31/October/2014

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	RT	Bridging Schedules	SCE	LA Basin	10/14/2014	30	Yes	INC	3	21:00	23:59
2	RT	Bridging Schedules	SCE	LA Basin	10/28/2014	10- 20	No	INC	3	21:00	23:59
3	RT	Bridging Schedules	SCE	N/A	10/14/2014	172	No	INC	3	21:40	23:59
4	RT	Conditions beyond the control of the CAISO	PG&E	Bay Area	10/31/2014	561-1023	No	INC	1	18:43	19:09
5	RT	Conditions beyond the control of the CAISO	PG&E	Fresno	10/27/2014	.	No	INC	9	8:00	16:59
6	RT	Contingency Dispatch	PG&E	Bay Area	10/6/2014	783	No	INC	1	17:15	17:59
7	RT	Contingency Dispatch	PG&E	Fresno	10/6/2014	141	No	INC	1	17:40	17:59
8	RT	Contingency Dispatch	PG&E	N/A	10/6/2014	370	No	INC	3	16:41	18:59
9	RT	Contingency Dispatch	SCE	Big Creek-Ventura	10/17/2014	32	No	INC	1	17:10	17:59
10	RT	Contingency Dispatch	SCE	LA Basin	10/6/2014	42	No	INC	1	17:25	17:59
11	RT	Contingency Dispatch	SDG&E	San Diego-IV	10/6/2014	167	No	INC	1	17:15	17:59
12	RT	Fast Start Unit Management	SDG&E	San Diego-IV	10/10/2014	59	No	INC	5	16:25	20:59
13	RT	Incomplete or Inaccurate Transmission	PG&E	Humboldt	10/8/2014	16	No	INC	7	17:30	23:44
14	RT	Incomplete or Inaccurate Transmission	PG&E	Humboldt	10/22/2014	15	No	INC	2	22:10	23:59
15	RT	Incomplete or Inaccurate Transmission	SCE	LA Basin	10/14/2014	125	No	INC	1	15:55	16:29
16	RT	Load Forecast Uncertainty	PG&E	Bay Area	10/6/2014	45	No	INC	12	12:00	23:59
17	RT	Load Forecast Uncertainty	PG&E	Bay Area	10/13/2014	45	No	INC	16	8:00	23:59
18	RT	Load Forecast Uncertainty	PG&E	Bay Area	10/22/2014	561- 600	No	INC	11	11:55	21:59
19	RT	Load Forecast Uncertainty	PG&E	N/A	10/6/2014	180	Yes	INC	18	6:00	23:59
20	RT	Load Forecast Uncertainty	PG&E	N/A	10/20/2014	101	No	INC	4	12:45	15:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
21	RT	Load Forecast Uncertainty	PG&E	N/A	10/31/2014	197	No	INC	5	12:35	16:59
22	RT	Load Forecast Uncertainty	SCE	LA Basin	10/6/2014	25- 35	No	INC	18	6:00	23:59
23	RT	Load Forecast Uncertainty	SCE	LA Basin	10/7/2014	10	No	INC	15	9:00	23:59
24	RT	Load Forecast Uncertainty	SCE	LA Basin	10/8/2014	70	No	INC	1	23:00	23:59
25	RT	Load Forecast Uncertainty	SCE	LA Basin	10/9/2014	20	No	INC	13	11:00	23:59
26	RT	Load Forecast Uncertainty	SCE	LA Basin	10/13/2014	45- 70	Yes	INC	16	8:00	23:59
27	RT	Load Forecast Uncertainty	SCE	LA Basin	10/29/2014	20	No	INC	13	11:00	23:59
28	RT	Load Forecast Uncertainty	SDG&E	San Diego-IV	10/6/2014	40- 60	Yes	INC	18	6:00	23:59
29	RT	Load Forecast Uncertainty	SDG&E	San Diego-IV	10/7/2014	20	No	INC	23	1:00	23:59
30	RT	Load Forecast Uncertainty	SDG&E	San Diego-IV	10/9/2014	20- 40	No	INC	11	11:00	21:59
31	RT	Load Forecast Uncertainty	SDG&E	San Diego-IV	10/13/2014	20	Yes	INC	17	7:00	23:59
32	RT	Load Forecast Uncertainty	SDG&E	San Diego-IV	10/29/2014	20	No	INC	11	13:00	23:59
33	RT	Market Disruption	Intertie	N/A	10/16/2014	125	No	INC	1	18:00	18:59
34	RT	Market Disruption	PG&E	Bay Area	10/15/2014	0	No	INC	2	22:15	23:24
35	RT	Market Disruption	PG&E	Bay Area	10/20/2014	285	No	INC	1	13:04	13:09
36	RT	Market Disruption	PG&E	Bay Area	10/22/2014	150- 300	No	INC	4	13:45	16:59
37	RT	Market Disruption	PG&E	Bay Area	10/23/2014	1045- 1622	No	INC	1	16:01	16:59
38	RT	Market Disruption	PG&E	Fresno	10/15/2014	0	No	INC	2	22:47	23:54
39	RT	Market Disruption	PG&E	N/A	10/14/2014	460- 810	No	INC	3	21:55	23:59
40	RT	Market Disruption	PG&E	N/A	10/15/2014	0	No	INC	2	22:15	23:59
41	RT	Market Disruption	PG&E	N/A	10/20/2014	580	No	INC	1	13:00	13:24
42	RT	Market Disruption	SCE	CAISO Import	10/14/2014	349	No	INC	1	23:16	23:24
43	RT	Market Disruption	SCE	LA Basin	10/6/2014	193	No	INC	2	17:45	18:59
44	RT	Market Disruption	SCE	LA Basin	10/14/2014	65- 755	No	INC	2	22:34	0:09
45	RT	Market Disruption	SCE	LA Basin	10/15/2014	310- 920	No	INC	24	0:00	23:59
46	RT	Market Disruption	SCE	LA Basin	10/16/2014	0	No	INC	1	0:00	0:24
47	RT	Market Disruption	SCE	LA Basin	10/23/2014	510	No	INC	2	16:10	18:09
48	RT	Market Disruption	SDG&E	San Diego-IV	10/14/2014	427	No	INC	1	22:41	23:19

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
49	RT	Market Disruption	SDG&E	San Diego-IV	10/15/2014	848	No	INC	2	22:25	23:59
50	RT	Market Disruption	SDG&E	San Diego-IV	10/20/2014	700	No	INC	1	13:03	13:59
51	RT	Market Disruption	SDG&E	San Diego-IV	10/23/2014	310	No	INC	1	16:12	16:19
52	RT	Operating Procedure Number and Constraint	PG&E	Fresno	10/8/2014	6- 48	No	INC	7	15:30	21:59
53	RT	Operating Procedure Number and Constraint	PG&E	Humboldt	10/16/2014	10	No	INC	2	22:40	23:59
54	RT	Operating Procedure Number and Constraint	PG&E	Humboldt	10/17/2014	10	No	INC	1	0:00	0:44
55	RT	Operating Procedure Number and Constraint	PG&E	Humboldt	10/25/2014	10- 103	No	INC	21	3:33	23:44
56	RT	Operating Procedure Number and Constraint	PG&E	N/A	10/3/2014	240- 250	No	INC	8	16:55	23:59
57	RT	Operating Procedure Number and Constraint	PG&E	Sierra	10/3/2014	.	No	INC	1	16:20	17:19
58	RT	Operating Procedure Number and Constraint	PG&E	Sierra	10/6/2014	60- 62	No	INC	9	13:00	21:59
59	RT	Operating Procedure Number and Constraint	PG&E	Sierra	10/27/2014	20- 46	No	INC	3	19:00	21:29
60	RT	Operating Procedure Number and Constraint	SCE	LA Basin	10/6/2014	65	No	INC	7	9:35	15:59
61	RT	Operating Procedure Number and Constraint	SCE	LA Basin	10/31/2014	144	No	INC	6	14:30	19:59
62	RT	Operating Procedure Number and Constraint	SCE	N/A	10/8/2014	410- 450	No	INC	9	13:00	21:59
63	RT	Other Reliability Requirement	PG&E	Humboldt	10/5/2014	20	No	INC	3	17:00	19:59
64	RT	Other Reliability Requirement	SCE	LA Basin	10/4/2014	10	No	INC	3	21:00	23:59
65	RT	Other Reliability Requirement	SCE	LA Basin	10/21/2014	0	No	INC	1	19:00	19:59
66	RT	Other Reliability Requirement	SCE	LA Basin	10/23/2014	150	No	INC	3	13:35	16:14
67	RT	Other Reliability Requirement	SDG&E	San Diego-IV	10/1/2014	38	No	INC	1	23:30	23:59
68	RT	Over Generation	PG&E	Bay Area	10/2/2014	400	No	INC	1	18:21	18:59
69	RT	Over Generation	PG&E	Bay Area	10/31/2014	350	No	INC	1	18:44	18:54
70	RT	Over Generation	PG&E	Fresno	10/2/2014	67	No	INC	1	18:25	18:34
71	RT	Over Generation	SCE	LA Basin	10/2/2014	600	No	INC	1	18:24	18:59
72	RT	Planned Transmission Outage and Constraint	PG&E	Bay Area	10/2/2014	400	No	INC	1	23:45	23:59
73	RT	Planned Transmission Outage and Constraint	PG&E	Bay Area	10/22/2014	600- 850	No	INC	14	9:05	22:59
74	RT	Planned Transmission Outage and Constraint	PG&E	Bay Area	10/24/2014	700- 725	No	INC	17	1:00	17:59
75	RT	Planned Transmission Outage and Constraint	PG&E	Bay Area	10/28/2014	800- 830	No	INC	2	19:25	20:59
76	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/1/2014	30	No	INC	13	7:45	19:59
77	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/3/2014	30	No	INC	1	17:20	17:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
78	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/5/2014	30- 46	No	INC	2	14:10	15:59
79	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/6/2014	15- 60	No	INC	13	6:25	18:59
80	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/7/2014	121	No	INC	14	8:35	21:44
81	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/8/2014	30- 76	No	INC	8	16:05	23:59
82	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/9/2014	30	No	INC	1	1:00	1:29
83	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/14/2014	16	No	INC	13	11:15	23:59
84	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/15/2014	10	No	INC	1	23:35	23:59
85	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/17/2014	12- 58	No	INC	23	0:25	22:59
86	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/20/2014	30- 60	No	INC	15	9:20	23:59
87	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/21/2014	10- 74	No	INC	23	1:05	23:59
88	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/22/2014	15- 45	No	INC	21	0:00	20:59
89	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/23/2014	15- 30	No	INC	10	6:05	15:59
90	RT	Planned Transmission Outage and Constraint	PG&E	Humboldt	10/27/2014	10	No	INC	2	22:30	23:59
91	RT	Planned Transmission Outage and Constraint	PG&E	N/A	10/2/2014	250- 780	No	INC	6	18:25	23:59
92	RT	Planned Transmission Outage and Constraint	PG&E	N/A	10/4/2014	375- 430	No	INC	3	20:25	23:14
93	RT	Planned Transmission Outage and Constraint	PG&E	N/A	10/6/2014	142- 317	No	INC	9	11:20	19:59
94	RT	Planned Transmission Outage and Constraint	PG&E	N/A	10/12/2014	275	No	INC	1	9:30	10:29
95	RT	Planned Transmission Outage and Constraint	PG&E	NCNB	10/1/2014	179	No	INC	1	23:20	23:59
96	RT	Planned Transmission Outage and Constraint	PG&E	NCNB	10/2/2014	358	No	INC	1	0:00	0:04
97	RT	Planned Transmission Outage and Constraint	PG&E	NCNB	10/18/2014	137	No	INC	8	7:16	14:29
98	RT	Planned Transmission Outage and Constraint	PG&E	NCNB	10/25/2014	154- 214	No	INC	11	7:20	17:29
99	RT	Planned Transmission Outage and Constraint	PG&E	NCNB	10/30/2014	130- 280	No	INC	11	7:00	17:59
100	RT	Planned Transmission Outage and Constraint	PG&E	Sierra	10/6/2014	20	No	INC	6	6:25	11:59
101	RT	Planned Transmission Outage and Constraint	PG&E	Sierra	10/9/2014	20	No	INC	8	8:00	15:44
102	RT	Planned Transmission Outage and Constraint	SCE	Big Creek-Ventura	10/7/2014	46- 546	No	INC	7	16:15	22:59
103	RT	Planned Transmission Outage and Constraint	SCE	Big Creek-Ventura	10/8/2014	900-1100	No	INC	11	11:00	21:59
104	RT	Planned Transmission Outage and Constraint	SCE	LA Basin	10/14/2014	45- 90	No	INC	16	8:00	23:59
105	RT	Planned Transmission Outage and Constraint	SCE	LA Basin	10/22/2014	170	No	INC	13	9:15	21:44
106	RT	Planned Transmission Outage and Constraint	SCE	N/A	10/7/2014	375- 475	No	INC	7	16:04	22:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
107	RT	Planned Transmission Outage and Constraint	SDG&E	San Diego-IV	10/3/2014	14	No	INC	7	15:05	21:59
108	RT	Planned Transmission Outage and Constraint	SDG&E	San Diego-IV	10/18/2014	20	No	INC	22	2:00	23:59
109	RT	Shutdown	PG&E	Bay Area	10/11/2014	0	No	INC	2	16:40	17:44
110	RT	Shutdown	PG&E	Bay Area	10/12/2014	0	No	INC	2	18:00	19:04
111	RT	Shutdown	PG&E	Bay Area	10/15/2014	0	No	INC	1	22:30	23:29
112	RT	Shutdown	PG&E	N/A	10/1/2014	0	No	INC	1	13:55	14:54
113	RT	Shutdown	SCE	Big Creek-Ventura	10/8/2014	0	No	INC	1	1:10	2:09
114	RT	Shutdown	SCE	LA Basin	10/1/2014	0	No	INC	1	15:35	16:29
115	RT	Shutdown	SCE	LA Basin	10/15/2014	0	No	INC	2	22:20	23:59
116	RT	Shutdown	SCE	LA Basin	10/20/2014	0	No	INC	1	20:35	21:29
117	RT	Shutdown	SCE	LA Basin	10/25/2014	0	No	INC	1	22:50	23:49
118	RT	Shutdown	SCE	LA Basin	10/31/2014	0	No	INC	1	10:45	11:09
119	RT	Shutdown	SDG&E	San Diego-IV	10/26/2014	0	No	INC	2	19:20	20:24
120	RT	Shutdown	SDG&E	San Diego-IV	10/31/2014	0	No	INC	1	16:35	17:14
121	RT	Software Limitation	N/A	N/A	10/30/2014	0	No	INC	3	13:40	16:29
122	RT	Software Limitation	PG&E	Bay Area	10/14/2014	45	No	INC	8	2:00	9:59
123	RT	Software Limitation	PG&E	Bay Area	10/16/2014	363	No	INC	2	1:05	2:59
124	RT	Software Limitation	PG&E	N/A	10/7/2014	190-1000	No	INC	9	7:30	15:59
125	RT	Software Limitation	PG&E	N/A	10/15/2014	47	No	INC	5	12:55	16:59
126	RT	Software Limitation	PG&E	N/A	10/24/2014	.	No	INC	5	16:00	20:59
127	RT	Software Limitation	PG&E	N/A	10/25/2014	.	No	INC	4	18:25	22:24
128	RT	Software Limitation	PG&E	N/A	10/30/2014	490	No	INC	2	13:50	15:29
129	RT	Software Limitation	PG&E	N/A	10/31/2014	0	No	INC	4	17:10	21:09
130	RT	Software Limitation	PG&E	Sierra	10/6/2014	3	No	INC	2	1:25	2:59
131	RT	Software Limitation	PG&E	Stockton	10/15/2014	0	No	INC	9	14:55	23:54
132	RT	Software Limitation	SCE	Big Creek-Ventura	10/7/2014	0	No	INC	8	10:00	17:59
133	RT	Software Limitation	SCE	Big Creek-Ventura	10/15/2014	0	No	INC	8	16:05	23:54
134	RT	Software Limitation	SCE	LA Basin	10/15/2014	0	No	INC	18	6:50	23:54
135	RT	Software Limitation	SCE	LA Basin	10/25/2014	0	No	INC	1	0:00	0:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
136	RT	Software Limitation	SDG&E	San Diego-IV	10/31/2014	33	No	INC	1	15:05	15:59
137	RT	Start-Up Instructions	N/A	N/A	10/30/2014	0	No	INC	4	13:20	16:29
138	RT	Start-Up Instructions	PG&E	Bay Area	10/15/2014	0	No	INC	2	22:10	23:14
139	RT	Start-Up Instructions	PG&E	Fresno	10/1/2014	0	No	INC	1	7:15	8:14
140	RT	Start-Up Instructions	PG&E	N/A	10/7/2014	52- 104	No	INC	5	6:55	10:59
141	RT	Start-Up Instructions	PG&E	Sierra	10/3/2014	0	No	INC	1	16:20	17:19
142	RT	Start-Up Instructions	PG&E	Sierra	10/5/2014	20	No	INC	1	16:05	16:59
143	RT	Start-Up Instructions	SCE	LA Basin	10/13/2014	0	No	INC	7	2:30	8:59
144	RT	Start-Up Instructions	SCE	LA Basin	10/14/2014	0	No	INC	2	17:00	18:29
145	RT	Start-Up Instructions	SCE	LA Basin	10/22/2014	47	No	INC	10	9:45	19:29
146	RT	Start-Up Instructions	SCE	N/A	10/30/2014	0	No	INC	3	13:45	16:29
147	RT	Start-Up Instructions	SDG&E	San Diego-IV	10/1/2014	0	No	INC	1	9:50	10:34
148	RT	Start-Up Instructions	SDG&E	San Diego-IV	10/31/2014	0	No	INC	1	17:05	17:34
149	RT	Unit Testing	Intertie	CAISO Import	10/14/2014	5	No	INC	2	15:50	16:59
150	RT	Unit Testing	Intertie	N/A	10/14/2014	100	No	INC	1	18:05	18:59
151	RT	Unit Testing	SCE	CAISO Import	10/14/2014	425	No	INC	3	15:50	17:59
152	RT	Unit Testing	SCE	LA Basin	10/14/2014	220- 250	No	INC	4	17:05	20:59
153	RT	Unplanned Outage	PG&E	N/A	10/9/2014	100	No	INC	1	9:34	10:14
154	RT	Unplanned Outage	SCE	LA Basin	10/6/2014	10	No	INC	15	9:00	23:59
155	RT	Unplanned Outage	SCE	LA Basin	10/9/2014	510	No	INC	1	9:41	10:04
156	RT	Unplanned Outage	SDG&E	San Diego-IV	10/9/2014	571	No	INC	1	9:40	9:59
157	RT	Voltage Support	PG&E	Bay Area	10/6/2014	20	No	INC	5	10:56	14:59

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 7 through 11 after completion of the day-ahead market for the transmission procedure 7110. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure 7110. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C are shown in Table 4.

Table 4: Incremental Exceptional Dispatch Instructions in RTM

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason
01-Jul-09	RT	A	PG&E	Humboldt	06:00	11:00	30	0	Yes	INC	30	7110
01-Jul-09	RT	B	PG&E	Humboldt	07:00	09:00	40	20	No	INC	20	7110
01-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	7110
01-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	7110

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

Table 5: FERC Summary of ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	RT	7110	PG&E	Humboldt	1-Jul-09	0-50	Yes	INC	15	06:00	20:00

Example 3: Decremental Exceptional Dispatch Instructions in RTM

This example highlights decremental exceptional dispatch instructions in the real-time market. In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 20 MW from hours ending 15 through 20 after completion of the day-ahead market for the transmission procedure 7430. The ISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6.

Table 6: Decremental Exceptional Dispatch Instructions in RTM

Date	Market Type	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Day-Ahead Award (MW)	Commitment	INC/ DEC	ED (MW)	Reason
01-Jul-09	RT	A	PG&E	Fresno	15:00	20:00	20	0	Yes	INC	20	7430
01-Jul-09	RT	B	PG&E	Fresno	07:00	09:00	40	60	No	DEC	20	7430
01-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	7430

This data is summarized according to FERC convention as shown in Table 7. This summary classifies the data by reason, resource location, local reliability area, and trade date. Please note that inc and dec are broken out separately. The inc entry is self-explanatory and similar to the previous example. Regarding the dec entry the MW column is the range of MW; in this case the minimum dec instruction is 10 MW (actually -10MW as it is a dec) for resource C which occurs from hours ending 10 through 14. The maximum instruction occurs from hours ending 7 through 9, when resource B was issued a dec instruction of 20 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The Commitment column shows whether a resource was committed between the begin time and end time.

Table 7: FERC Summary of Decremental ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	RT	7430	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00
1	RT	7430	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	07:00	14:00

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon the parties listed on the official service lists in the above-referenced proceedings, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Folsom, California this 15th day of December 2014.

/s/ Anna Pascuzzo

Anna Pascuzzo