



December 14, 2012

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Re: California Independent System Operator Corporation
Docket Nos. ER08-1178-___, and EL08-88-___
October 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 October 2012.

Respectfully submitted,

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California ISO
Shaping a Renewed Future

Exceptional Dispatch Report

Table 1: October 2012

ISO Market Quality and Renewable Integration

December 14, 2012

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Introduction

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

The Nature of Exceptional Dispatch

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

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

Many of the exceptional dispatches listed below in Table 1, were to satisfy either a local area or system reliability requirements, and are classified into local generation requirements, transmission management requirements, non-modeled transmission outages or other requirements, such as ramp requirements and intertie emergency assistance. All reason codes starting with "G" refer to an ISO operating procedure for generation requirements and reason codes starting with "T" refer to an ISO operating procedure for transmission facilities. Most of the generation procedures are internal to the ISO and not available on the ISO website. All of the transmission procedures are available on the CAISO website².

¹ The ISO can issue exceptional dispatch 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 October 2012, the ISO issued exceptional dispatches for the following local area generation requirement: (1) 7630, SCE area generation requirements; and (2) 7810, San Diego area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 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) 7430, transmission facilities in Fresno area; (6) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (7) 7830, Management of outages of both SONGS Units #2 and #3 for Summer operation; (8) 8710, Hoodoo Wash-N.Gila 500 kV line flow mitigation; and (9) other transmission outages in PG&E, SCE and SDG&E area.

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

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order³. Each entry in Attachment A is a summary of exceptional dispatches classified by (1) the reason for the exceptional dispatch; (2) the location of the resource by Participating Transmission Owner (“PTO”) service area; (3) the Local Reliability Area (“LRA”) where applicable; (4) the market in which the exceptional dispatch occurred (day-ahead vs. real-time); and (5) the date of the exceptional dispatch. For each classification the following information is provided: (1) Megawatts (MW); (2) Commitment (3) Inc or Dec (4) Hours; (5) Begin Time; and (6) End Time.

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

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

Table 1 indicates that there were a total of 305 exceptional dispatches in October 2012, decreasing by 22 as compared to the November 15, 2012 report for September 2012. Exceptional dispatches issued for the following reasons accounted for approximately 64 percent of the total exceptional dispatches during the reporting period: Software Limitation, Transmission Outage PG&E, 6510, and 7720.

Table 1: Exceptional Dispatches in October 2012

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

Chart 1: Table of Exceptional Dispatches for Period 01/October /2012 – 31/ October /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	1-Oct-12	180- 250	Yes	DEC	9	11:30	19:59
2	RT	6510	SCE	Big Creek-Ventura	1-Oct-12	100- 200	Yes	INC	13	11:30	23:59
3	RT	6510	SCE	Big Creek-Ventura	2-Oct-12	80- 461	Yes	DEC	12	10:55	21:59
4	RT	6510	SCE	Big Creek-Ventura	2-Oct-12	25- 100	Yes	INC	22	0:00	21:59
5	RT	6510	SCE	Big Creek-Ventura	3-Oct-12	100- 400	Yes	INC	18	6:00	23:59
6	RT	6510	SCE	Big Creek-Ventura	17-Oct-12	71- 151	Yes	DEC	14	7:00	20:59
7	RT	6510	SCE	Big Creek-Ventura	17-Oct-12	30	Yes	INC	14	7:00	20:59
8	RT	6510	SCE	Big Creek-Ventura	19-Oct-12	71- 121	Yes	DEC	13	9:35	21:59
9	RT	6510	SCE	Big Creek-Ventura	19-Oct-12	100	Yes	INC	13	9:35	21:59
10	RT	6510	SCE	Big Creek-Ventura	20-Oct-12	50	Yes	INC	7	8:10	14:59
11	RT	6510	SCE	Big Creek-Ventura	26-Oct-12	50	Yes	INC	6	16:10	21:59
12	RT	6510	SCE	Big Creek-	31-Oct-12	75	Yes	INC	6	16:00	21:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
				Ventura							
13	RT	6510	SCE	LA Basin	1-Oct-12	159- 258	No	DEC	15	7:00	21:59
14	RT	6510	SCE	LA Basin	1-Oct-12	50- 700	Yes	INC	18	6:00	23:59
15	RT	6510	SCE	LA Basin	2-Oct-12	60- 346	No	DEC	14	6:15	19:59
16	RT	6510	SCE	LA Basin	2-Oct-12	200- 920	Yes	INC	24	0:00	23:59
17	RT	6510	SCE	LA Basin	3-Oct-12	43-1394	No	DEC	16	6:00	21:59
18	RT	6510	SCE	LA Basin	3-Oct-12	130-1082	Yes	INC	24	0:00	23:59
19	RT	6510	SCE	LA Basin	4-Oct-12	8- 704	No	DEC	12	9:00	20:59
20	RT	6510	SCE	LA Basin	4-Oct-12	90- 882	Yes	INC	24	0:00	23:59
21	RT	6510	SCE	LA Basin	5-Oct-12	88- 543	No	DEC	12	9:00	20:59
22	RT	6510	SCE	LA Basin	5-Oct-12	50- 652	Yes	INC	24	0:00	23:59
23	RT	6510	SCE	LA Basin	6-Oct-12	146- 543	No	DEC	11	10:00	20:59
24	RT	6510	SCE	LA Basin	6-Oct-12	52- 340	No	INC	11	10:00	20:59
25	RT	6510	SCE	LA Basin	7-Oct-12	348- 543	No	DEC	13	8:15	20:59
26	RT	6510	SCE	LA Basin	7-Oct-12	222- 510	No	INC	13	8:15	20:59
27	RT	6510	SCE	LA Basin	8-Oct-12	224- 234	No	DEC	15	6:00	20:59
28	RT	6510	SCE	LA Basin	8-Oct-12	25- 510	No	INC	15	6:00	20:59
29	RT	6510	SCE	LA Basin	10-Oct-12	38- 383	Yes	DEC	12	8:20	19:59
30	RT	6510	SCE	LA Basin	10-Oct-12	185- 370	No	INC	12	8:20	19:59
31	RT	6510	SCE	LA Basin	11-Oct-12	12- 182	No	DEC	13	8:30	20:59
32	RT	6510	SCE	LA Basin	11-Oct-12	240- 406	No	INC	13	8:30	20:59
33	RT	6510	SCE	LA Basin	12-Oct-12	20- 360	Yes	INC	22	2:00	23:59
34	RT	6510	SCE	LA Basin	17-Oct-12	19- 930	No	DEC	16	6:50	21:59
35	RT	6510	SCE	LA Basin	17-Oct-12	21- 270	No	INC	16	6:50	21:59
36	RT	6510	SCE	LA Basin	18-Oct-12	15- 460	Yes	DEC	14	7:10	20:59
37	RT	6510	SCE	LA Basin	18-Oct-12	25- 125	Yes	INC	17	7:00	23:59
38	RT	6510	SCE	LA Basin	19-Oct-12	160- 255	No	DEC	14	8:55	21:59
39	RT	6510	SCE	LA Basin	19-Oct-12	260- 472	Yes	INC	14	8:55	21:59
40	RT	6510	SCE	LA Basin	20-Oct-12	21- 87	No	DEC	11	9:00	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
41	RT	6510	SCE	LA Basin	20-Oct-12	70- 240	No	INC	12	8:05	19:59
42	RT	6510	SCE	LA Basin	21-Oct-12	11- 190	No	DEC	12	8:05	19:59
43	RT	6510	SCE	LA Basin	21-Oct-12	66- 215	No	INC	12	8:05	19:59
44	RT	6510	SCE	LA Basin	22-Oct-12	261	Yes	INC	11	10:35	20:59
45	RT	6510	SCE	LA Basin	23-Oct-12	261	No	INC	12	9:35	20:59
46	RT	6510	SCE	LA Basin	24-Oct-12	190	No	INC	13	9:20	21:59
47	RT	6510	SCE	LA Basin	25-Oct-12	71	Yes	INC	5	16:30	20:59
48	RT	6510	SCE	LA Basin	26-Oct-12	25- 142	Yes	INC	15	7:00	21:59
49	RT	6510	SCE	LA Basin	29-Oct-12	139- 249	No	DEC	5	16:30	20:59
50	RT	6510	SCE	LA Basin	29-Oct-12	0	No	INC	5	16:45	20:59
51	RT	6510	SCE	LA Basin	31-Oct-12	71	No	INC	6	16:00	21:59
52	RT	6510	SCE	N/A	17-Oct-12	90- 130	Yes	DEC	16	6:45	21:59
53	RT	6510	SCE	N/A	17-Oct-12	100	Yes	INC	16	6:45	21:59
54	RT	6510	SCE	N/A	18-Oct-12	60- 130	Yes	DEC	15	7:10	21:59
55	RT	6510	SCE	N/A	18-Oct-12	100	Yes	INC	15	7:10	21:59
56	RT	6510	SDG&E	San Diego	2-Oct-12	63- 131	No	INC	16	6:30	21:59
57	RT	6510	SDG&E	San Diego	3-Oct-12	60- 123	Yes	INC	24	0:00	23:59
58	RT	6510	SDG&E	San Diego	4-Oct-12	80- 191	Yes	INC	24	0:00	23:59
59	RT	6510	SDG&E	San Diego	5-Oct-12	40- 131	No	INC	24	0:00	23:59
60	RT	6510	SDG&E	San Diego	6-Oct-12	131	No	INC	14	7:00	20:59
61	RT	6510	SDG&E	San Diego	7-Oct-12	131	No	INC	14	7:00	20:59
62	RT	6510	SDG&E	San Diego	8-Oct-12	131	No	INC	15	6:00	20:59
63	RT	6510	SDG&E	San Diego	10-Oct-12	68	No	INC	8	12:00	19:59
64	RT	6510	SDG&E	San Diego	11-Oct-12	20- 68	No	INC	24	0:00	23:59
65	RT	6510	SDG&E	San Diego	12-Oct-12	20- 68	No	INC	24	0:00	23:59
66	RT	6510	SDG&E	San Diego	13-Oct-12	20- 68	No	INC	24	0:00	23:59
67	RT	6510	SDG&E	San Diego	15-Oct-12	63	No	INC	1	10:45	10:55
68	RT	6510	SDG&E	San Diego	17-Oct-12	68	No	INC	14	7:00	20:59
69	RT	6510	SDG&E	San Diego	18-Oct-12	131	No	INC	14	7:00	20:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
70	RT	6510	SDG&E	San Diego	19-Oct-12	68- 131	No	INC	14	8:55	21:59
71	RT	6510	SDG&E	San Diego	22-Oct-12	63	No	INC	10	11:55	20:59
72	RT	6510	SDG&E	San Diego	23-Oct-12	131	No	INC	12	9:35	20:59
73	RT	6510	SDG&E	San Diego	24-Oct-12	68	No	INC	13	9:20	21:59
74	RT	6510	SDG&E	San Diego	25-Oct-12	68	No	INC	5	16:25	20:59
75	RT	6510	SDG&E	San Diego	26-Oct-12	20- 131	No	INC	19	5:40	23:59
76	RT	6510	SDG&E	San Diego	27-Oct-12	131	No	INC	12	9:10	20:59
77	RT	6510	SDG&E	San Diego	28-Oct-12	20- 286	No	INC	22	2:00	23:59
78	RT	6510	SDG&E	San Diego	29-Oct-12	20- 68	No	INC	18	6:00	23:59
79	RT	6610	SCE	Big Creek-Ventura	1-Oct-12	290	No	DEC	1	10:01	10:14
80	RT	6610	SCE	Big Creek-Ventura	14-Oct-12	54	Yes	INC	2	8:45	9:19
81	RT	6610	SCE	LA Basin	14-Oct-12	71	Yes	INC	5	17:05	21:59
82	RT	6610	SCE	LA Basin	18-Oct-12	450	No	INC	2	13:41	14:17
83	RT	6610	SCE	N/A	14-Oct-12	80- 200	Yes	INC	17	7:00	23:59
84	RT	6610	SDG&E	San Diego	14-Oct-12	29	Yes	INC	2	8:45	9:19
85	RT	7110	PG&E	Humboldt	1-Oct-12	32	No	INC	7	14:26	20:59
86	RT	7110	PG&E	Humboldt	2-Oct-12	29- 32	No	INC	8	15:12	22:14
87	RT	7110	PG&E	Humboldt	19-Oct-12	60	No	INC	6	18:41	23:59
88	RT	7110	PG&E	Humboldt	20-Oct-12	15- 30	No	INC	4	1:40	4:59
89	RT	7110	PG&E	Humboldt	31-Oct-12	30	No	INC	11	11:56	21:59
90	RT	7320	PG&E	Bay Area	3-Oct-12	20	Yes	INC	2	8:12	9:59
91	RT	7320	PG&E	Fresno	17-Oct-12	0	No	INC	6	16:40	21:59
92	RT	7430	PG&E	Fresno	3-Oct-12	72- 99	No	DEC	2	20:05	21:59
93	RT	7430	PG&E	Fresno	3-Oct-12	83- 140	Yes	INC	2	21:20	22:59
94	RT	7430	PG&E	Fresno	11-Oct-12	0	No	INC	4	6:26	9:59
95	RT	7430	PG&E	Fresno	16-Oct-12	10- 70	No	INC	4	2:13	5:59
96	RT	7430	PG&E	Fresno	18-Oct-12	10	No	DEC	8	14:41	21:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
97	RT	7430	PG&E	Fresno	18-Oct-12	10	No	INC	8	14:41	21:59
98	RT	7430	PG&E	Fresno	19-Oct-12	10- 20	No	DEC	13	9:30	21:59
99	RT	7430	PG&E	Fresno	19-Oct-12	10	No	INC	10	8:30	17:59
100	RT	7430	PG&E	Fresno	20-Oct-12	20	Yes	DEC	11	9:30	19:59
101	RT	7430	PG&E	Fresno	20-Oct-12	0	Yes	INC	11	9:30	19:59
102	RT	7430	PG&E	Fresno	24-Oct-12	10- 30	No	DEC	5	17:55	21:59
103	RT	7430	PG&E	Fresno	24-Oct-12	20	No	INC	14	8:25	21:59
104	RT	7430	PG&E	Fresno	25-Oct-12	20	Yes	DEC	13	7:20	19:59
105	RT	7430	PG&E	Fresno	25-Oct-12	25	Yes	INC	13	7:20	19:59
106	RT	7630	SCE	LA Basin	22-Oct-12	0	Yes	DEC	6	14:10	19:59
107	RT	7630	SCE	LA Basin	22-Oct-12	47	Yes	INC	6	14:10	19:59
108	RT	7630	SCE	LA Basin	23-Oct-12	0	Yes	DEC	7	14:10	20:59
109	RT	7630	SCE	LA Basin	23-Oct-12	47	Yes	INC	8	14:10	21:59
110	RT	7720	SCE	LA Basin	14-Oct-12	47	Yes	DEC	2	12:15	13:14
111	RT	7720	SCE	LA Basin	14-Oct-12	0	Yes	INC	2	12:15	13:14
112	RT	7720	SCE	N/A	1-Oct-12	135- 279	No	DEC	13	11:13	23:09
113	RT	7720	SCE	N/A	2-Oct-12	112- 237	No	DEC	17	7:24	23:59
114	RT	7720	SCE	N/A	3-Oct-12	10- 171	No	DEC	19	4:10	22:59
115	RT	7720	SCE	N/A	3-Oct-12	68	No	INC	6	4:10	9:59
116	RT	7720	SCE	N/A	4-Oct-12	37- 113	No	DEC	9	13:29	21:59
117	RT	7720	SCE	N/A	4-Oct-12	1	No	INC	2	12:55	13:59
118	RT	7720	SCE	N/A	5-Oct-12	112- 171	Yes	DEC	8	12:16	19:59
119	RT	7720	SCE	N/A	5-Oct-12	1- 23	Yes	INC	5	8:25	12:59
120	RT	7720	SCE	N/A	6-Oct-12	1- 123	Yes	DEC	13	9:20	21:59
121	RT	7720	SCE	N/A	7-Oct-12	58- 213	Yes	DEC	13	9:25	21:59
122	RT	7720	SCE	N/A	8-Oct-12	38- 172	No	DEC	17	6:20	22:59
123	RT	7720	SCE	N/A	9-Oct-12	16- 178	Yes	DEC	18	5:35	22:59
124	RT	7720	SCE	N/A	9-Oct-12	240	Yes	INC	18	5:35	22:59
125	RT	7720	SCE	N/A	14-Oct-12	58- 209	No	DEC	14	9:30	22:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
126	RT	7720	SCE	N/A	16-Oct-12	170- 176	No	DEC	11	13:14	23:59
127	RT	7720	SCE	N/A	17-Oct-12	74- 232	No	DEC	24	0:00	23:59
128	RT	7720	SCE	N/A	18-Oct-12	92- 171	No	DEC	18	6:20	23:59
129	RT	7720	SCE	N/A	19-Oct-12	59- 236	No	DEC	13	9:55	21:59
130	RT	7720	SCE	N/A	19-Oct-12	0	No	INC	2	9:55	10:59
131	RT	7720	SCE	N/A	26-Oct-12	1- 28	Yes	DEC	18	6:36	23:24
132	RT	7720	SCE	N/A	26-Oct-12	68	Yes	INC	18	6:36	23:59
133	RT	7810	SDG&E	San Diego	23-Oct-12	20	No	INC	22	2:00	23:59
134	RT	7830	SDG&E	San Diego	1-Oct-12	210	Yes	DEC	4	16:00	19:59
135	RT	7830	SDG&E	San Diego	1-Oct-12	131- 243	No	INC	16	6:00	21:59
136	RT	8710	SDG&E	N/A	15-Oct-12	69- 169	No	DEC	10	14:30	23:59
137	RT	8710	SDG&E	N/A	15-Oct-12	310	No	INC	3	10:20	12:59
138	RT	8710	SDG&E	San Diego	26-Oct-12	20	No	INC	10	0:00	9:59
139	RT	Bridging Schedules	PG&E	Bay Area	16-Oct-12	45	Yes	INC	3	21:00	23:59
140	RT	Bridging Schedules	PG&E	Bay Area	17-Oct-12	45	Yes	INC	2	22:00	23:59
141	RT	Bridging Schedules	PG&E	Bay Area	18-Oct-12	45	Yes	INC	3	21:00	23:59
142	RT	Bridging Schedules	PG&E	Bay Area	23-Oct-12	45	Yes	INC	2	22:00	23:59
143	RT	Bridging Schedules	PG&E	Bay Area	24-Oct-12	45	Yes	INC	9	15:00	23:59
144	RT	Bridging Schedules	SCE	LA Basin	14-Oct-12	40	Yes	INC	1	23:00	23:59
145	RT	Bridging Schedules	SCE	LA Basin	15-Oct-12	20	No	INC	2	22:00	23:59
146	RT	Bridging Schedules	SCE	LA Basin	16-Oct-12	20- 40	Yes	INC	2	22:00	23:59
147	RT	Bridging Schedules	SCE	LA Basin	17-Oct-12	40	No	INC	3	21:00	23:59
148	RT	Bridging Schedules	SCE	LA Basin	18-Oct-12	40	Yes	INC	3	21:00	23:59
149	RT	Bridging Schedules	SCE	LA Basin	23-Oct-12	20- 40	Yes	INC	2	22:00	23:59
150	RT	Bridging Schedules	SCE	LA Basin	28-Oct-12	20	No	INC	1	23:00	23:59
151	RT	Bridging Schedules	SDG&E	San Diego	1-Oct-12	60	Yes	INC	3	21:00	23:59
152	RT	Bridging Schedules	SDG&E	San Diego	2-Oct-12	60	Yes	INC	4	20:00	23:59
153	RT	Bridging Schedules	SDG&E	San Diego	4-Oct-12	20	No	INC	5	19:00	23:59
154	RT	Bridging Schedules	SDG&E	San Diego	9-Oct-12	20- 40	No	INC	16	0:00	15:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
155	RT	Bridging Schedules	SDG&E	San Diego	14-Oct-12	20	No	INC	1	17:50	17:59
156	RT	Bridging Schedules	SDG&E	San Diego	15-Oct-12	20- 40	Yes	INC	4	20:00	23:59
157	RT	Bridging Schedules	SDG&E	San Diego	16-Oct-12	40	Yes	INC	6	18:00	23:59
158	RT	Bridging Schedules	SDG&E	San Diego	17-Oct-12	20- 60	Yes	INC	6	18:00	23:59
159	RT	COI Mitigation	PG&E	N/A	3-Oct-12	52	No	INC	7	17:10	23:59
160	RT	Conditions beyond control of the CAISO BA	PG&E	Bay Area	18-Oct-12	45	Yes	INC	17	7:00	23:59
161	RT	Conditions beyond control of the CAISO BA	PG&E	N/A	4-Oct-12	52	No	INC	24	0:00	23:59
162	RT	Conditions beyond control of the CAISO BA	PG&E	N/A	5-Oct-12	52	No	INC	24	0:00	23:59
163	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	6-Oct-12	25	Yes	INC	24	0:00	23:59
164	RT	Conditions beyond control of the CAISO BA	SCE	LA Basin	18-Oct-12	25	Yes	INC	16	8:00	23:59
165	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	23-Oct-12	49- 51	Yes	DEC	3	13:10	15:59
166	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	23-Oct-12	150	Yes	INC	3	13:01	15:59
167	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	26-Oct-12	150	No	INC	10	8:56	17:59
168	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	27-Oct-12	117	Yes	INC	17	7:00	23:59
169	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	6-Oct-12	40	No	INC	24	0:00	23:59
170	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	7-Oct-12	40	No	INC	24	0:00	23:59
171	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	8-Oct-12	40	No	INC	24	0:00	23:59
172	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	10-Oct-12	20	No	INC	21	3:00	23:59
173	RT	Conditions beyond control of the	SDG&E	San Diego	23-Oct-12	525- 600	No	INC	4	12:51	15:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
		CAISO BA									
174	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	25-Oct-12	20	No	INC	24	0:00	23:59
175	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	27-Oct-12	20- 40	No	INC	23	1:00	23:59
176	RT	Contingency	Intertie	N/A	19-Oct-12	340	No	INC	1	22:10	22:21
177	RT	Contingency	PG&E	Fresno	11-Oct-12	400	Yes	INC	1	12:13	12:16
178	RT	Market Disruption	Intertie	N/A	29-Oct-12	152	No	INC	1	8:00	8:59
179	RT	Market Disruption	Intertie	N/A	30-Oct-12	121	Yes	INC	1	12:00	12:59
180	RT	Path 15	PG&E	Bay Area	25-Oct-12	45	Yes	INC	24	0:00	23:59
181	RT	Reverse Commitment Instruction	SCE	LA Basin	13-Oct-12	0	Yes	INC	2	11:48	12:59
182	RT	Reverse Commitment Instruction	SCE	LA Basin	14-Oct-12	46	Yes	INC	5	8:45	12:29
183	RT	SCE SOB 204	SCE	Big Creek-Ventura	1-Oct-12	15- 150	No	INC	14	10:12	23:59
184	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Oct-12	10	No	DEC	6	0:00	5:29
185	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Oct-12	45	No	INC	24	0:10	23:59
186	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Oct-12	15- 108	No	INC	18	5:55	22:59
187	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Oct-12	18- 148	No	INC	18	5:20	22:59
188	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Oct-12	3- 78	No	INC	17	5:15	21:59
189	RT	SP26 Capacity	SCE	LA Basin	9-Oct-12	20	Yes	INC	1	23:00	23:59
190	RT	Software Limitation	PG&E	Bay Area	1-Oct-12	45- 250	No	DEC	4	8:00	11:59
191	RT	Software Limitation	PG&E	Fresno	4-Oct-12	160	No	INC	2	1:27	2:59
192	RT	Software Limitation	PG&E	Fresno	12-Oct-12	0	Yes	INC	1	3:10	3:59
193	RT	Software Limitation	PG&E	Fresno	13-Oct-12	0	Yes	INC	4	11:30	14:59
194	RT	Software Limitation	PG&E	Fresno	14-Oct-12	49	Yes	INC	15	8:45	22:59
195	RT	Software Limitation	PG&E	Fresno	16-Oct-12	20	No	INC	1	14:25	14:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
196	RT	Software Limitation	PG&E	Fresno	18-Oct-12	0	Yes	INC	1	3:11	3:59
197	RT	Software Limitation	PG&E	Fresno	19-Oct-12	160	No	DEC	1	13:00	13:29
198	RT	Software Limitation	PG&E	Fresno	28-Oct-12	0	No	INC	1	8:32	8:39
199	RT	Software Limitation	PG&E	N/A	16-Oct-12	0	No	INC	1	23:13	23:19
200	RT	Software Limitation	SCE	Big Creek-Ventura	14-Oct-12	10	Yes	INC	10	0:30	9:19
201	RT	Software Limitation	SCE	LA Basin	4-Oct-12	0	Yes	INC	5	1:15	5:14
202	RT	Software Limitation	SCE	LA Basin	13-Oct-12	0	Yes	INC	11	13:45	23:59
203	RT	Software Limitation	SCE	LA Basin	14-Oct-12	53	Yes	INC	23	0:00	22:44
204	RT	Software Limitation	SCE	LA Basin	15-Oct-12	0	No	INC	15	5:45	19:44
205	RT	Software Limitation	SCE	LA Basin	17-Oct-12	0	Yes	INC	2	22:35	23:34
206	RT	Software Limitation	SCE	LA Basin	19-Oct-12	206	No	DEC	1	22:36	22:51
207	RT	Software Limitation	SCE	LA Basin	23-Oct-12	0	Yes	INC	2	22:30	23:29
208	RT	Software Limitation	SCE	LA Basin	30-Oct-12	0	Yes	INC	2	19:25	20:24
209	RT	Software Limitation	SCE	LA Basin	31-Oct-12	0	Yes	INC	1	13:25	13:54
210	RT	Software Limitation	SCE	N/A	19-Oct-12	59	No	DEC	2	21:38	22:59
211	RT	Software Limitation	SDG&E	N/A	25-Oct-12	150- 250	No	INC	4	8:00	11:04
212	RT	Software Limitation	SDG&E	N/A	27-Oct-12	373	No	INC	1	10:17	10:59
213	RT	Software Limitation	SDG&E	San Diego	14-Oct-12	33	Yes	INC	16	8:45	23:59
214	RT	Software Limitation	SDG&E	San Diego	15-Oct-12	0	Yes	INC	2	22:30	23:29
215	RT	Software Limitation	SDG&E	San Diego	18-Oct-12	0	No	INC	2	22:56	23:58
216	RT	Software Limitation	SDG&E	San Diego	19-Oct-12	20- 420	No	INC	2	21:42	22:59
217	RT	System Energy	Intertie	N/A	11-Oct-12	150- 246	Yes	INC	5	9:00	13:59
218	RT	System Energy	Intertie	N/A	12-Oct-12	275	Yes	INC	1	6:00	6:59
219	RT	System Energy	Intertie	N/A	30-Oct-12	0	Yes	INC	1	18:00	18:59
220	RT	Transmission Mitigation	PG&E	N/A	1-Oct-12	67- 112	No	DEC	2	22:42	23:59
221	RT	Transmission Mitigation	PG&E	N/A	2-Oct-12	62- 110	No	DEC	11	0:00	10:29
222	RT	Transmission Mitigation	SDG&E	San Diego	1-Oct-12	500	No	INC	4	15:35	18:59
223	RT	Transmission Outage Other	PG&E	Sierra	28-Oct-12	10- 30	No	DEC	10	8:00	17:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
224	RT	Transmission Outage PG&E	PG&E	Bay Area	7-Oct-12	139- 234	Yes	INC	6	17:04	22:59
225	RT	Transmission Outage PG&E	PG&E	Fresno	6-Oct-12	0	No	INC	2	22:00	23:59
226	RT	Transmission Outage PG&E	PG&E	Fresno	7-Oct-12	0	Yes	INC	7	0:00	6:59
227	RT	Transmission Outage PG&E	PG&E	Fresno	9-Oct-12	34- 194	Yes	DEC	12	7:37	18:44
228	RT	Transmission Outage PG&E	PG&E	Fresno	9-Oct-12	83- 166	Yes	INC	8	11:55	18:44
229	RT	Transmission Outage PG&E	PG&E	Fresno	18-Oct-12	9	No	INC	1	23:39	23:59
230	RT	Transmission Outage PG&E	PG&E	Fresno	19-Oct-12	10- 88	No	INC	22	0:00	21:59
231	RT	Transmission Outage PG&E	PG&E	Fresno	20-Oct-12	145	Yes	INC	16	1:25	16:59
232	RT	Transmission Outage PG&E	PG&E	Fresno	21-Oct-12	50	Yes	INC	5	7:10	11:59
233	RT	Transmission Outage PG&E	PG&E	Fresno	22-Oct-12	19	No	INC	10	5:05	14:59
234	RT	Transmission Outage PG&E	PG&E	Fresno	23-Oct-12	34	No	INC	11	0:07	10:59
235	RT	Transmission Outage PG&E	PG&E	Fresno	24-Oct-12	0	No	INC	5	3:20	7:59
236	RT	Transmission Outage PG&E	PG&E	Fresno	25-Oct-12	20	Yes	DEC	2	20:36	21:59
237	RT	Transmission Outage PG&E	PG&E	Fresno	25-Oct-12	50	Yes	INC	3	20:45	22:59
238	RT	Transmission Outage PG&E	PG&E	Fresno	31-Oct-12	25	No	INC	6	8:00	13:49
239	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Oct-12	30- 62	No	INC	10	14:28	23:59
240	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Oct-12	15- 73	No	INC	21	0:00	20:59
241	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Oct-12	16- 45	No	INC	3	6:00	8:29
242	RT	Transmission Outage PG&E	PG&E	Humboldt	30-Oct-12	15- 45	No	INC	10	7:30	16:59
243	RT	Transmission Outage PG&E	PG&E	N/A	30-Oct-12	400- 550	No	INC	3	20:45	22:59
244	RT	Transmission Outage PG&E	PG&E	Sierra	2-Oct-12	21	No	DEC	10	12:12	21:59
245	RT	Transmission Outage PG&E	PG&E	Sierra	2-Oct-12	77	No	INC	10	12:50	21:59
246	RT	Transmission Outage PG&E	PG&E	Sierra	3-Oct-12	20	No	DEC	8	13:35	20:59
247	RT	Transmission Outage PG&E	PG&E	Sierra	3-Oct-12	86	No	INC	3	21:10	23:59
248	RT	Transmission Outage PG&E	PG&E	Sierra	4-Oct-12	18	No	DEC	22	2:55	23:59
249	RT	Transmission Outage PG&E	PG&E	Sierra	4-Oct-12	51- 80	No	INC	22	2:55	23:59
250	RT	Transmission Outage PG&E	PG&E	Sierra	5-Oct-12	20	Yes	DEC	6	15:20	20:59
251	RT	Transmission Outage PG&E	PG&E	Sierra	5-Oct-12	86	Yes	INC	5	16:15	20:59
252	RT	Transmission Outage PG&E	PG&E	Sierra	16-Oct-12	5- 34	No	DEC	6	16:23	21:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
253	RT	Transmission Outage PG&E	PG&E	Sierra	16-Oct-12	0- 18	No	INC	6	16:23	21:59
254	RT	Transmission Outage PG&E	PG&E	Sierra	18-Oct-12	16- 50	No	DEC	3	18:25	20:59
255	RT	Transmission Outage PG&E	PG&E	Sierra	18-Oct-12	0	No	INC	4	19:53	22:29
256	RT	Transmission Outage PG&E	PG&E	Sierra	22-Oct-12	25	No	DEC	7	17:05	23:59
257	RT	Transmission Outage PG&E	PG&E	Sierra	24-Oct-12	10- 30	No	DEC	15	7:37	21:59
258	RT	Transmission Outage PG&E	PG&E	Sierra	25-Oct-12	15- 30	No	DEC	15	8:30	22:59
259	RT	Transmission Outage PG&E	PG&E	Sierra	26-Oct-12	5- 27	No	DEC	16	7:45	22:59
260	RT	Transmission Outage PG&E	PG&E	Sierra	27-Oct-12	10- 30	No	DEC	13	9:55	21:59
261	RT	Transmission Outage PG&E	PG&E	Sierra	27-Oct-12	30	No	INC	1	21:20	21:59
262	RT	Transmission Outage PG&E	PG&E	Sierra	28-Oct-12	10- 20	No	DEC	1	7:25	7:59
263	RT	Transmission Outage PG&E	PG&E	Sierra	28-Oct-12	26	No	INC	2	14:26	15:59
264	RT	Transmission Outage PG&E	PG&E	Sierra	29-Oct-12	20- 154	Yes	DEC	16	6:48	21:59
265	RT	Transmission Outage PG&E	PG&E	Sierra	29-Oct-12	15- 60	Yes	INC	9	9:07	17:59
266	RT	Transmission Outage PG&E	PG&E	Sierra	30-Oct-12	10- 142	No	DEC	16	7:35	22:59
267	RT	Transmission Outage PG&E	PG&E	Sierra	30-Oct-12	174	Yes	INC	17	6:15	22:59
268	RT	Transmission Outage PG&E	PG&E	Sierra	31-Oct-12	0- 112	Yes	DEC	16	7:40	22:59
269	RT	Transmission Outage PG&E	PG&E	Sierra	31-Oct-12	20- 81	Yes	INC	17	7:15	23:59
270	RT	Transmission Outage SCE	PG&E	Bay Area	15-Oct-12	45- 90	Yes	INC	20	4:00	23:59
271	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Oct-12	52- 145	No	DEC	3	18:55	20:59
272	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	17-Oct-12	77- 150	Yes	INC	2	13:40	14:59
273	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Oct-12	12- 19	No	DEC	3	19:50	21:29
274	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Oct-12	3- 31	No	INC	4	18:20	21:29
275	RT	Transmission Outage SCE	SCE	N/A	15-Oct-12	2- 152	No	DEC	9	9:15	17:59
276	RT	Transmission Outage SCE	SCE	N/A	15-Oct-12	40- 300	Yes	INC	22	0:00	21:59
277	RT	Transmission Outage SCE	SDG&E	N/A	18-Oct-12	150- 190	No	INC	6	8:15	13:59
278	RT	Transmission Outage SCE	SDG&E	San Diego	15-Oct-12	13- 320	Yes	INC	14	10:58	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
279	RT	Transmission Outage SDG&E	SCE	N/A	15-Oct-12	171	No	DEC	1	21:20	21:59
280	RT	Transmission Outage SDG&E	SDG&E	N/A	12-Oct-12	21- 22	No	DEC	2	10:51	11:46
281	RT	Transmission Outage SDG&E	SDG&E	N/A	12-Oct-12	500	No	INC	2	10:51	11:46
282	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Oct-12	119- 173	No	DEC	5	10:00	14:59
283	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Oct-12	260- 310	No	INC	5	9:58	13:59
284	RT	Transmission Outage SDG&E	SDG&E	N/A	16-Oct-12	7- 135	No	DEC	17	0:00	16:59
285	RT	Transmission Outage SDG&E	SDG&E	N/A	16-Oct-12	0- 200	No	INC	10	7:30	16:59
286	RT	Transmission Outage SDG&E	SDG&E	N/A	23-Oct-12	10- 38	Yes	DEC	19	5:00	23:59
287	RT	Transmission Outage SDG&E	SDG&E	N/A	23-Oct-12	270- 465	Yes	INC	19	5:00	23:59
288	RT	Transmission Outage SDG&E	SDG&E	N/A	24-Oct-12	21- 32	No	DEC	16	4:30	19:59
289	RT	Transmission Outage SDG&E	SDG&E	N/A	24-Oct-12	505- 525	No	INC	20	0:00	19:59
290	RT	Transmission Outage SDG&E	SDG&E	N/A	31-Oct-12	60	Yes	DEC	1	19:21	19:33
291	RT	Transmission Outage SDG&E	SDG&E	San Diego	3-Oct-12	21	No	INC	3	13:00	15:24
292	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Oct-12	1537	Yes	INC	24	0:00	23:59
293	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Oct-12	20- 385	Yes	INC	24	0:00	23:59
294	RT	Transmission Outage SDG&E	SDG&E	San Diego	18-Oct-12	20	Yes	INC	24	0:00	23:59
295	RT	Transmission Outage SDG&E	SDG&E	San Diego	23-Oct-12	20- 563	Yes	INC	15	9:00	23:59
296	RT	Transmission Outage SDG&E	SDG&E	San Diego	24-Oct-12	20	No	INC	23	1:00	23:59
297	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Oct-12	20	Yes	INC	1	23:00	23:58
298	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Oct-12	20	Yes	INC	24	0:00	23:59
299	RT	Unit Testing	PG&E	N/A	2-Oct-12	150- 230	No	INC	13	11:00	23:59
300	RT	Unit Testing	PG&E	N/A	3-Oct-12	275	No	INC	2	0:00	1:59
301	RT	Unit Testing	PG&E	N/A	24-Oct-12	155- 564	No	INC	5	9:13	13:06
302	RT	Unit Testing	SCE	Big Creek-Ventura	17-Oct-12	47	No	INC	1	9:13	9:53
303	RT	Voltage Support	PG&E	Fresno	3-Oct-12	32	No	INC	5	15:20	19:59
304	RT	Voltage Support	PG&E	Fresno	9-Oct-12	0	Yes	INC	1	23:00	23:59
305	RT	Voltage Support	PG&E	Fresno	10-Oct-12	0	Yes	INC	6	0:00	5:59

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 14th day of December 2012.

Is/ Anna Pascuzzo

Anna Pascuzzo