



California Independent
System Operator Corporation

November 15, 2010

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-____
September 2010 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 docket, 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 September 2010.

Respectfully submitted,

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Exceptional Dispatch Report

Table 1: September 2010

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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 September 2010.

The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, a post-day-ahead unit commitment, or a real-time exceptional 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 inertia emergency assistance. All reason codes starting with “G” refer to an ISO operation 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 instruction subject to authority of the ISO Tariff Section 34.9 and in accordance with ISO Operating Procedure M-402.

² A list of all of the ISO’s publicly available Operating Procedures are available at the following link: <http://www.caiso.com/thegrid/operations/opsdoc/index.html>

In September 2010, the ISO issued exceptional dispatches for the following local area generation requirement: (1) G-217, South of Lugo generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) T-103, Southern California import transmission (SCIT) nomogram; (2) T-129, transmission facilities in Fresno area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-138, transmission facilities in Humboldt area; (5) T-144, transmission facilities in South of Lugo; (6) T-151, North Geysers Area 115 kV Lines; (7) T-154, Drum area; (8) T-170, Mirage-Tamarisk and Mirage-Concho 115 kV lines; and (9) other transmission outages in PG&E, SCE and SDG&E area.

The following additional reasons for exceptional dispatch instructions in September 2010 were not related to specific generation or transmission operating procedures: (1) Software Limitation, when an exceptional dispatch instruction was used to bridge schedules across days for resources with a minimum down time of 24 hours, as the ISO software does not handle multi day commitment. (For instance, a resource has a day-ahead schedule from 0600 till 2300, and then is shut down in 2400. If this resource had a minimum down time of 24 hours and it is required the following day, then the ISO issues an exceptional dispatch to commit this resource in 2400 so that it can be dispatched economically in the following day. Software limitation reason was also used for exceptional dispatches to manually issue shut down instructions to a resource because of a temporary Automatic Dispatch System (“ADS”) failure, or similar issues.); (2) Market Disruption, when the exceptional dispatch instructions were issued due to HASP failures; and (3) Ramp Rate, when exceptional dispatch instructions were issued to dispatch a resource above its physical minimum to a level where the resource has significantly higher ramp rate capability. For example, a resource could have a ramp rate of 2 MW/min at its physical minimum of 100 MW, but a significantly higher ramp rate of 10 MW/min at 250 MW. The operators could issue an exceptional dispatch for this resource to be dispatched to 250 MW, so that the resource could respond to the anticipated steep load ramp or to a potential contingency. There were a few other reasons used to explain exceptional dispatch instructions in September, 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

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.

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 197 exceptional dispatches in September 2010, decreasing by 4 compared with 201 such instances reported in the October 15, 2010 report. Real-time exceptional dispatches in September accounted for approximately 98.5 percent of all exceptional dispatches categorized by date and reason. Exceptional dispatches issued for the following reasons accounted for approximately 62.9 percent of the total exceptional dispatches during the reporting period: Software Limitation, T-151, Thermal Margin, and Unit Testing. In day-ahead market, there were three exceptional dispatches issued for Software Limitation. In real-time market, approximately 62.4 percent of the exceptional dispatches were issued for Software Limitation, T-151, Thermal Margin, and Unit Testing.

Please note that on September 27, Mandalay Generation Station Unit 1 and Unit 2 received exceptional dispatches in the real time market, which resulted in designations of capacity under the Interim Capacity Procurement Mechanism (ICPM)⁴

⁴ Details of ICPM designations in the month of September are available in the report published at this link: <http://www.caiso.com/2834/28348c8968300.pdf>.

Table 1: Exceptional Dispatches in September 2010

**California Independent System Operator Corporation
Exceptional Dispatch Report
November 15, 2010**

Chart 1: Table of Exceptional Dispatches for Period 01/September/2010 – 30/September/2010

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	DA	Software Limitation	PG&E	N/A	26-Sep-10	52	Yes	N/A	18	6:00	23:00
2	DA	Software Limitation	PG&E	N/A	27-Sep-10	52	Yes	N/A	18	6:00	23:00
3	DA	Software Limitation	SCE	LA Basin	27-Sep-10	70	Yes	N/A	12	12:00	23:00
4	RT	COI Mitigation	N/A	N/A	29-Sep-10	100- 200	Yes	INC	8	15:20	22:24
5	RT	COI Mitigation	N/A	N/A	30-Sep-10	0	No	INC	4	18:25	21:59
6	RT	Congestion Mitigation	SCE	LA Basin	3-Sep-10	130	Yes	INC	3	16:14	18:59
7	RT	Contingency	SDG&E	San Diego	27-Sep-10	60- 76	Yes	DEC	4	16:00	19:59
8	RT	Contingency	SDG&E	San Diego	27-Sep-10	45	Yes	INC	1	10:10	10:59
9	RT	Contingency	SDG&E	San Diego	29-Sep-10	10	Yes	DEC	3	16:40	18:09
10	RT	Contingency	SDG&E	San Diego	29-Sep-10	30	Yes	INC	3	16:40	18:09
11	RT	Fire	SDG&E	N/A	19-Sep-10	370- 384	Yes	DEC	4	12:50	15:39
12	RT	Fire	SDG&E	N/A	26-Sep-10	339- 508	Yes	DEC	5	16:02	20:52
13	RT	Fire	SDG&E	San Diego	26-Sep-10	75	Yes	INC	3	18:11	20:34
14	RT	Forecast Margin Error	SCE	N/A	7-Sep-10	40	Yes	INC	13	11:00	23:59
15	RT	Forecast Margin Error	SDG&E	San Diego	7-Sep-10	20	Yes	INC	13	11:00	23:59
16	RT	G-217	SCE	LA Basin	14-Sep-10	25- 70	Yes	INC	24	0:00	23:59
17	RT	G-217	SCE	LA Basin	15-Sep-10	45	Yes	INC	24	0:00	23:59
18	RT	G-217	SCE	LA Basin	16-Sep-10	45	Yes	INC	24	0:00	23:59
19	RT	Intertie Emergency Assistance	N/A	N/A	5-Sep-10	90- 170	No	INC	2	18:30	19:59
20	RT	Intertie Emergency	N/A	N/A	28-Sep-10	70	No	INC	1	3:46	3:59

Department of Market Services – California ISO

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
		Assistance									
21	RT	Market Disruption	N/A	N/A	4-Sep-10	440	Yes	INC	1	0:00	0:59
22	RT	Market Disruption	N/A	N/A	15-Sep-10	50	No	INC	2	15:00	16:59
23	RT	Market Disruption	N/A	N/A	22-Sep-10	100	No	DEC	1	6:00	6:59
24	RT	Market Disruption	N/A	N/A	22-Sep-10	800	No	INC	1	6:00	6:59
25	RT	Market Disruption	N/A	N/A	25-Sep-10	50- 175	No	INC	1	16:00	16:59
26	RT	Market Disruption	PG&E	N/A	4-Sep-10	5	Yes	DEC	1	14:41	14:59
27	RT	Pump Management	PG&E	Fresno	15-Sep-10	308	No	DEC	2	4:20	5:14
28	RT	Pump Management	PG&E	Fresno	18-Sep-10	0	No	INC	1	8:15	8:59
29	RT	Ramp Rate	SCE	Big Creek- Ventura	26-Sep-10	400	Yes	INC	7	14:10	20:59
30	RT	Ramp Rate	SCE	LA Basin	1-Sep-10	190- 380	Yes	INC	9	13:35	21:59
31	RT	Ramp Rate	SCE	LA Basin	26-Sep-10	142	Yes	INC	9	12:20	20:59
32	RT	Ramp Rate	SDG&E	San Diego	1-Sep-10	131	Yes	INC	9	13:55	21:59
33	RT	SCE Mitigation	SCE	Big Creek- Ventura	29-Sep-10	0	No	INC	6	15:00	20:59
34	RT	Software Limitation	N/A	N/A	7-Sep-10	48	No	DEC	2	15:55	16:24
35	RT	Software Limitation	N/A	N/A	27-Sep-10	75	No	DEC	2	16:00	17:59
36	RT	Software Limitation	PG&E	Fresno	1-Sep-10	0	No	INC	24	0:00	23:59
37	RT	Software Limitation	PG&E	Fresno	2-Sep-10	0	No	INC	24	0:00	23:59
38	RT	Software Limitation	PG&E	Fresno	3-Sep-10	0	No	INC	24	0:00	23:59
39	RT	Software Limitation	PG&E	Fresno	4-Sep-10	0	No	INC	24	0:00	23:59
40	RT	Software Limitation	PG&E	Fresno	5-Sep-10	0	No	INC	24	0:00	23:59
41	RT	Software Limitation	PG&E	Fresno	6-Sep-10	0	No	INC	24	0:00	23:59
42	RT	Software Limitation	PG&E	Fresno	7-Sep-10	0	No	INC	24	0:00	23:59
43	RT	Software Limitation	PG&E	Fresno	8-Sep-10	0	No	INC	24	0:00	23:59
44	RT	Software Limitation	PG&E	Fresno	9-Sep-10	0	No	INC	24	0:00	23:59
45	RT	Software Limitation	PG&E	Fresno	10-Sep-10	0	No	INC	24	0:00	23:59
46	RT	Software Limitation	PG&E	Fresno	11-Sep-10	0	No	INC	24	0:00	23:59

Department of Market Services – California ISO

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
47	RT	Software Limitation	PG&E	Fresno	12-Sep-10	0	No	INC	24	0:00	23:59
48	RT	Software Limitation	PG&E	Fresno	13-Sep-10	0	No	INC	24	0:00	23:59
49	RT	Software Limitation	PG&E	Fresno	14-Sep-10	0	No	INC	24	0:00	23:59
50	RT	Software Limitation	PG&E	Fresno	15-Sep-10	0	No	INC	24	0:00	23:59
51	RT	Software Limitation	PG&E	Fresno	16-Sep-10	0	No	INC	24	0:00	23:59
52	RT	Software Limitation	PG&E	Fresno	17-Sep-10	0	No	INC	24	0:00	23:59
53	RT	Software Limitation	PG&E	Fresno	18-Sep-10	0	No	INC	24	0:00	23:59
54	RT	Software Limitation	PG&E	Fresno	19-Sep-10	0	No	INC	24	0:00	23:59
55	RT	Software Limitation	PG&E	Fresno	20-Sep-10	0	No	INC	24	0:00	23:59
56	RT	Software Limitation	PG&E	Fresno	21-Sep-10	0	Yes	INC	24	0:00	23:59
57	RT	Software Limitation	PG&E	Fresno	22-Sep-10	0	No	INC	24	0:00	23:59
58	RT	Software Limitation	PG&E	Fresno	23-Sep-10	0	No	INC	24	0:00	23:59
59	RT	Software Limitation	PG&E	Fresno	24-Sep-10	0	No	INC	24	0:00	23:59
60	RT	Software Limitation	PG&E	Fresno	25-Sep-10	0	Yes	INC	24	0:00	23:59
61	RT	Software Limitation	PG&E	Fresno	26-Sep-10	0	No	INC	24	0:50	23:59
62	RT	Software Limitation	PG&E	Fresno	27-Sep-10	159	Yes	INC	24	0:00	23:59
63	RT	Software Limitation	PG&E	Fresno	28-Sep-10	0	Yes	INC	12	0:00	11:59
64	RT	Software Limitation	PG&E	Fresno	29-Sep-10	96	Yes	DEC	1	20:00	20:24
65	RT	Software Limitation	PG&E	Fresno	29-Sep-10	0	Yes	INC	24	0:00	23:59
66	RT	Software Limitation	PG&E	Fresno	30-Sep-10	0	Yes	INC	24	0:00	23:59
67	RT	Software Limitation	PG&E	Humboldt	23-Sep-10	5	Yes	INC	1	9:15	9:59
68	RT	Software Limitation	PG&E	N/A	3-Sep-10	0	No	INC	1	23:10	23:59
69	RT	Software Limitation	PG&E	N/A	4-Sep-10	110	Yes	DEC	2	17:40	18:59
70	RT	Software Limitation	PG&E	N/A	4-Sep-10	192	Yes	INC	24	0:00	23:59
71	RT	Software Limitation	PG&E	N/A	24-Sep-10	0	Yes	INC	3	21:20	23:54
72	RT	Software Limitation	PG&E	N/A	27-Sep-10	30	Yes	INC	3	21:00	23:59
73	RT	Software Limitation	PG&E	N/A	29-Sep-10	30	Yes	INC	5	19:40	23:59
74	RT	Software Limitation	PG&E	Stockton	27-Sep-10	0	Yes	INC	2	18:17	19:34
75	RT	Software Limitation	SCE	Big Creek-	21-Sep-10	0	No	INC	1	23:15	23:59

Department of Market Services – California ISO

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
				Ventura							
76	RT	Software Limitation	SCE	Big Creek- Ventura	22-Sep-10	0	No	INC	24	0:00	23:14
77	RT	Software Limitation	SCE	Big Creek- Ventura	23-Sep-10	0	Yes	INC	1	1:30	1:59
78	RT	Software Limitation	SCE	Big Creek- Ventura	27-Sep-10	50- 138	Yes	INC	9	15:00	23:59
79	RT	Software Limitation	SCE	Big Creek- Ventura	29-Sep-10	120	Yes	INC	3	13:20	15:29
80	RT	Software Limitation	SCE	LA Basin	1-Sep-10	91	No	DEC	16	8:00	23:59
81	RT	Software Limitation	SCE	LA Basin	1-Sep-10	10- 20	Yes	INC	22	2:00	23:59
82	RT	Software Limitation	SCE	LA Basin	2-Sep-10	50	Yes	INC	24	0:00	23:59
83	RT	Software Limitation	SCE	LA Basin	3-Sep-10	70- 498	No	DEC	24	0:00	23:59
84	RT	Software Limitation	SCE	LA Basin	3-Sep-10	30- 50	No	INC	24	0:00	23:59
85	RT	Software Limitation	SCE	LA Basin	5-Sep-10	118	No	DEC	4	16:20	19:59
86	RT	Software Limitation	SCE	LA Basin	8-Sep-10	159- 227	No	DEC	17	7:00	23:59
87	RT	Software Limitation	SCE	LA Basin	8-Sep-10	0	No	INC	15	0:02	14:24
88	RT	Software Limitation	SCE	LA Basin	14-Sep-10	0	Yes	INC	1	23:00	23:44
89	RT	Software Limitation	SCE	LA Basin	25-Sep-10	25	Yes	INC	6	18:00	23:59
90	RT	Software Limitation	SCE	LA Basin	26-Sep-10	0	Yes	INC	2	19:45	20:14
91	RT	Software Limitation	SCE	LA Basin	27-Sep-10	70- 120	Yes	INC	9	15:00	23:59
92	RT	Software Limitation	SCE	LA Basin	28-Sep-10	20- 120	Yes	INC	24	0:00	23:59
93	RT	Software Limitation	SCE	LA Basin	29-Sep-10	120	Yes	INC	11	13:20	23:59
94	RT	Software Limitation	SCE	LA Basin	30-Sep-10	0	No	INC	3	8:00	10:49
95	RT	Software Limitation	SDG&E	San Diego	3-Sep-10	20- 40	No	INC	3	21:00	23:59
96	RT	Software Limitation	SDG&E	San Diego	25-Sep-10	0	Yes	INC	2	21:35	22:19
97	RT	Software Limitation	SDG&E	San Diego	26-Sep-10	20	Yes	INC	1	4:29	4:59
98	RT	Software Limitation	SDG&E	San Diego	27-Sep-10	20- 88	Yes	INC	9	15:00	23:59
99	RT	Software Limitation	SDG&E	San Diego	28-Sep-10	20	Yes	INC	4	20:00	23:59
100	RT	Software Limitation	SDG&E	San Diego	29-Sep-10	0	Yes	INC	23	1:40	23:59

Department of Market Services – California ISO

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
101	RT	Software Limitation	SDG&E	San Diego	30-Sep-10	0	Yes	INC	14	0:00	13:29
102	RT	System Energy	N/A	N/A	3-Sep-10	0	No	INC	1	17:00	17:59
103	RT	System Reliability	PG&E	Fresno	27-Sep-10	300- 517	No	INC	2	14:55	15:17
104	RT	T-103	SCE	LA Basin	4-Sep-10	45	Yes	INC	24	0:00	23:59
105	RT	T-103	SCE	LA Basin	5-Sep-10	45- 65	Yes	INC	24	0:00	23:59
106	RT	T-103	SCE	LA Basin	6-Sep-10	45	Yes	INC	24	0:00	23:59
107	RT	T-103	SCE	LA Basin	7-Sep-10	45	Yes	INC	24	0:00	23:59
108	RT	T-103	SCE	LA Basin	13-Sep-10	45	Yes	INC	16	8:00	23:59
109	RT	T-103	SCE	LA Basin	30-Sep-10	60- 80	Yes	INC	24	0:00	23:59
110	RT	T-129	PG&E	Fresno	7-Sep-10	35- 40	Yes	INC	1	23:35	23:59
111	RT	T-129	PG&E	Fresno	8-Sep-10	2	Yes	DEC	4	6:20	9:54
112	RT	T-129	PG&E	Fresno	8-Sep-10	2- 78	Yes	INC	5	5:25	9:59
113	RT	T-129	PG&E	Fresno	9-Sep-10	2- 5	No	DEC	16	5:25	20:09
114	RT	T-129	PG&E	Fresno	9-Sep-10	5	No	INC	1	20:10	20:59
115	RT	T-132	SDG&E	N/A	2-Sep-10	35- 115	No	DEC	7	12:35	18:59
116	RT	T-132	SDG&E	N/A	3-Sep-10	50- 115	No	DEC	5	14:30	18:39
117	RT	T-132	SDG&E	N/A	4-Sep-10	30- 65	No	DEC	6	13:20	18:59
118	RT	T-132	SDG&E	N/A	5-Sep-10	50- 120	No	DEC	6	13:40	18:59
119	RT	T-132	SDG&E	N/A	6-Sep-10	80- 86	Yes	DEC	4	15:25	18:19
120	RT	T-138	PG&E	Humboldt	7-Sep-10	5- 15	No	INC	2	20:10	21:59
121	RT	T-138	PG&E	Humboldt	8-Sep-10	5	No	DEC	2	22:15	23:04
122	RT	T-144	SCE	LA Basin	14-Sep-10	100	Yes	INC	3	15:00	17:59
123	RT	T-151	PG&E	NCNB	1-Sep-10	10- 24	No	DEC	10	12:15	21:59
124	RT	T-151	PG&E	NCNB	1-Sep-10	0	No	INC	1	15:40	15:49
125	RT	T-151	PG&E	NCNB	2-Sep-10	10- 20	No	DEC	7	14:00	20:59
126	RT	T-151	PG&E	NCNB	6-Sep-10	9	No	DEC	6	14:04	19:24
127	RT	T-151	PG&E	NCNB	7-Sep-10	14- 21	No	DEC	11	11:25	21:59
128	RT	T-151	PG&E	NCNB	7-Sep-10	1	No	INC	11	11:45	21:59
129	RT	T-151	PG&E	NCNB	8-Sep-10	19	No	DEC	8	10:28	17:59

Department of Market Services – California ISO

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
130	RT	T-151	PG&E	NCNB	8-Sep-10	1	No	INC	8	10:28	17:59
131	RT	T-151	PG&E	NCNB	10-Sep-10	5	No	DEC	6	14:35	19:59
132	RT	T-151	PG&E	NCNB	20-Sep-10	5- 33	No	DEC	6	14:55	19:59
133	RT	T-151	PG&E	NCNB	20-Sep-10	2	No	INC	1	19:25	19:59
134	RT	T-151	PG&E	NCNB	22-Sep-10	10	No	DEC	4	14:05	17:44
135	RT	T-151	PG&E	NCNB	23-Sep-10	20- 21	No	DEC	7	15:32	21:59
136	RT	T-151	PG&E	NCNB	24-Sep-10	2- 40	No	DEC	11	11:40	21:39
137	RT	T-151	PG&E	NCNB	24-Sep-10	10	No	INC	4	18:55	21:59
138	RT	T-151	PG&E	NCNB	25-Sep-10	9- 24	No	DEC	6	14:40	19:59
139	RT	T-151	PG&E	NCNB	25-Sep-10	3	No	INC	1	19:55	19:59
140	RT	T-151	PG&E	NCNB	26-Sep-10	10- 20	No	DEC	6	14:49	19:39
141	RT	T-151	PG&E	NCNB	27-Sep-10	10- 24	No	DEC	5	14:55	18:59
142	RT	T-154	PG&E	Sierra	2-Sep-10	10	Yes	DEC	5	15:11	19:59
143	RT	T-154	PG&E	Sierra	3-Sep-10	8- 13	No	DEC	4	15:00	18:59
144	RT	T-170	N/A	N/A	3-Sep-10	26- 126	No	DEC	3	15:03	17:19
145	RT	Thermal Margin	N/A	N/A	27-Sep-10	136	Yes	INC	1	18:00	18:59
146	RT	Thermal Margin	PG&E	N/A	27-Sep-10	30	Yes	INC	2	11:00	12:59
147	RT	Thermal Margin	PG&E	N/A	30-Sep-10	30	Yes	INC	24	0:00	23:59
148	RT	Thermal Margin	SCE	Big Creek- Ventura	26-Sep-10	50	Yes	INC	11	13:30	23:59
149	RT	Thermal Margin ⁵	SCE	Big Creek- Ventura	27-Sep-10	40- 140	Yes	INC	15	9:00	23:59
150	RT	Thermal Margin	SCE	Big Creek- Ventura	28-Sep-10	50- 190	Yes	INC	24	0:00	23:59
151	RT	Thermal Margin	SCE	LA Basin	1-Sep-10	20- 40	Yes	INC	12	12:00	23:59

⁵ In accordance with Section 43.1.5.2.1 of the CAISO Tariff, Mandalay Generation Station Unit 1 (MNDALY_7_UNIT 1) and Mandalay Generation Station Unit 2 (MNDALY_7_UNIT 2) received a designation of capacity for 20 MW under the ICPM. The term of each designation is 30 days, which starts on September 27, 2010 and runs through October 26, 2010.

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Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
152	RT	Thermal Margin	SCE	LA Basin	3-Sep-10	20- 45	No	INC	24	0:00	23:59
153	RT	Thermal Margin	SCE	LA Basin	13-Sep-10	10	Yes	INC	15	9:00	23:59
154	RT	Thermal Margin	SCE	LA Basin	24-Sep-10	25	Yes	INC	17	7:00	23:59
155	RT	Thermal Margin	SCE	LA Basin	26-Sep-10	25	Yes	INC	24	0:00	23:59
156	RT	Thermal Margin	SCE	LA Basin	27-Sep-10	10- 80	Yes	INC	24	0:00	23:59
157	RT	Thermal Margin	SCE	LA Basin	28-Sep-10	10	Yes	INC	24	0:00	23:59
158	RT	Thermal Margin	SCE	N/A	4-Sep-10	40	Yes	INC	24	0:00	23:59
159	RT	Thermal Margin	SCE	N/A	27-Sep-10	40	Yes	INC	15	9:00	23:59
160	RT	Thermal Margin	SCE	N/A	28-Sep-10	40	Yes	INC	10	10:00	19:59
161	RT	Thermal Margin	SDG&E	San Diego	1-Sep-10	20- 40	Yes	INC	17	7:00	23:59
162	RT	Thermal Margin	SDG&E	San Diego	26-Sep-10	20	Yes	INC	24	0:00	23:59
163	RT	Thermal Margin	SDG&E	San Diego	27-Sep-10	20- 40	Yes	INC	13	0:00	12:59
164	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Sep-10	20- 141	Yes	INC	3	12:25	14:59
165	RT	Transmission Outage PG&E	PG&E	N/A	5-Sep-10	140	Yes	INC	24	0:00	23:59
166	RT	Transmission Outage PG&E	SCE	Big Creek- Ventura	27-Sep-10	243- 340	Yes	INC	4	14:57	17:59
167	RT	Transmission Outage SCE	N/A	N/A	15-Sep-10	360	No	INC	1	5:00	5:59
168	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	30-Sep-10	13- 33	No	DEC	3	19:15	21:59
169	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	30-Sep-10	13- 86	No	INC	5	17:35	21:09
170	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-10	20	Yes	INC	17	7:00	23:59
171	RT	Transmission Outage SCE	SCE	LA Basin	17-Sep-10	20- 40	Yes	INC	17	7:00	23:59
172	RT	Transmission Outage SCE	SCE	LA Basin	20-Sep-10	20	Yes	INC	1	7:00	7:59
173	RT	Transmission Outage SCE	SCE	LA Basin	22-Sep-10	20	Yes	INC	17	7:00	23:59
174	RT	Transmission Outage SCE	SDG&E	San Diego	3-Sep-10	46- 538	No	DEC	2	8:15	9:49
175	RT	Transmission Outage SDG&E	SDG&E	San Diego	11-Sep-10	45	Yes	INC	11	9:26	19:59

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Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
176	RT	Transmission Outage SDG&E	SDG&E	San Diego	12-Sep-10	45	Yes	INC	7	9:48	15:29
177	RT	Transmission Outage SDG&E	SDG&E	San Diego	14-Sep-10	15- 75	Yes	INC	11	8:50	18:59
178	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Sep-10	14- 30	Yes	INC	11	7:58	17:44
179	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Sep-10	45	Yes	INC	11	8:25	18:29
180	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Sep-10	30	Yes	INC	8	10:50	17:19
181	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Sep-10	5	Yes	DEC	2	15:55	16:39
182	RT	Transmission Outage SDG&E	SDG&E	San Diego	30-Sep-10	18- 59	Yes	INC	12	7:43	18:59
183	RT	Unit Testing	N/A	N/A	23-Sep-10	26- 49	Yes	INC	2	8:00	9:59
184	RT	Unit Testing	N/A	N/A	24-Sep-10	16- 60	Yes	INC	13	7:30	19:59
185	RT	Unit Testing	N/A	N/A	25-Sep-10	0- 86	Yes	DEC	9	10:40	18:59
186	RT	Unit Testing	N/A	N/A	25-Sep-10	16- 61	Yes	INC	8	8:30	15:59
187	RT	Unit Testing	N/A	N/A	26-Sep-10	24- 60	Yes	INC	12	5:10	16:59
188	RT	Unit Testing	N/A	N/A	28-Sep-10	146	Yes	INC	5	19:20	23:34
189	RT	Unit Testing	N/A	N/A	29-Sep-10	160	Yes	INC	4	15:30	18:59
190	RT	Unit Testing	PG&E	Fresno	29-Sep-10	35	No	INC	2	11:20	12:59
191	RT	Unit Testing	SCE	Big Creek- Ventura	21-Sep-10	200	No	INC	1	13:55	13:59
192	RT	Unit Testing	SCE	Big Creek- Ventura	22-Sep-10	130	Yes	INC	3	14:00	16:29
193	RT	Unit Testing	SCE	Big Creek- Ventura	23-Sep-10	54	Yes	INC	1	13:15	13:59
194	RT	Unit Testing	SCE	Big Creek- Ventura	24-Sep-10	10	No	INC	1	10:45	10:59
195	RT	Unit Testing	SCE	LA Basin	25-Sep-10	130- 200	Yes	INC	7	11:20	17:59

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Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
196	RT	Unit Testing	SCE	LA Basin	26-Sep-10	30	No	INC	5	13:30	17:29
197	RT	Unit Testing	SCE	N/A	28-Sep-10	120	Yes	INC	2	15:40	16:09

Appendix A: Explanation by Example

All examples listed below are based on fictitious data.

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its physical minimum (Pmin) of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load.

Table 2: Instructions Prior to Day-Ahead Market

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Reason
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	G-219
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	G-219
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	G-219.

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

Table 3: FERC Summary of Instructions Prior to DAM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	DA	G-219	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00

Example 2: Incremental Exceptional Dispatch Instructions in RTM

In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 30 MW from hours ending 7 through 11 after completion of the day-ahead market for the transmission procedure T-138. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure T-138. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C is shown in Table 4.

Table 4: Incremental Exceptional Dispatch Instructions in RTM

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason
01-Jul-09	RT	A	PG&E	Humboldt	06:00	11:00	30	0	Yes	INC	30	t-138
01-Jul-09	RT	B	PG&E	Humboldt	07:00	09:00	40	20	No	INC	20	t-138
01-Jul-09	RT	C	PG&E	Humboldt	12:00	15:00	50	50	No	INC	0	t-138
01-Jul-09	RT	C	PG&E	Humboldt	16:00	20:00	50	40	No	INC	10	t-138

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

Table 5: FERC Summary of ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	RT	T-138	PG&E	Humboldt	1-Jul-09	0-50	Yes	INC	15	06:00	20:00

Example 3: Decremental Exceptional Dispatch Instructions in RTM

This example highlights decremental exceptional dispatch instructions in the real-time market. In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 20 MW from hours ending 15 through 20 after completion of the day-ahead market for the transmission procedure T-129. The ISO issued additional exceptional dispatch instructions for resources B and C; details of those instructions are shown in Table 6.

Table 6: Decremental Exceptional Dispatch Instructions in RTM

Date	Market Type	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Day-Ahead Award (MW)	Commitment	INC/DEC	ED (MW)	Reason
01-Jul-09	RT	A	PG&E	Fresno	15:00	20:00	20	0	Yes	INC	20	t-129
01-Jul-09	RT	B	PG&E	Fresno	07:00	09:00	40	60	No	DEC	20	t-129
01-Jul-09	RT	C	PG&E	Fresno	10:00	14:00	40	50	No	DEC	10	t-129

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	RT	T-129	PG&E	Fresno	1-Jul-09	20	Yes	INC	6	15:00	20:00
1	RT	T-129	PG&E	Fresno	1-Jul-09	10-20	Yes	DEC	8	07:00	14:00

CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 15th day of November, 2010.

/s/ Anna Pascuzzo
Anna Pascuzzo