

November 15, 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-____
September 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 September 2012.

Respectfully submitted,

By: /s/ Sidney M. Davies
Nancy Saracino
General Counsel
Sidney M. Davies
Assistant General Counsel
California Independent System
Operator Corporation
250 Outcropping Way
Folsom, CA 95630
Tel: (916) 608-7144
Fax (916) 608-7222
sdavies@casio.com



Exceptional Dispatch Report

Table 1: September 2012

TABLE OF CONTENTS

Introduction	3
The Nature of Exceptional Dispatch.....	3
Appendix A: Explanation by Example	20
Example 1: Exceptional Dispatch Instructions Prior to DAM	20
Example 2: Incremental Exceptional Dispatch Instructions in RTM.....	21
Example 3: Decremental Exceptional Dispatch Instructions in RTM	23

LIST OF TABLES AND FIGURES

Table 1: Exceptional Dispatches in September 2012.....	6
Table 2: Instructions Prior to Day-Ahead Market	20
Table 3: FERC Summary of Instructions Prior to DAM	21
Table 4: Incremental Exceptional Dispatch Instructions in RTM	21
Table 5: FERC Summary of ED Instructions in RTM	22
Table 6: Decremental Exceptional Dispatch Instructions in RTM	23
Table 7: FERC Summary of Decremental ED Instructions in RTM.....	23

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 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 instruction 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 September 2012, the ISO issued exceptional dispatches for the following local area generation requirement: (1) 7620, South of Lugo generation requirements; and (2) 7630, SCE area generation requirements. Exceptional dispatch instructions were also issued for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7320, transmission facilities in Bay Area; (4) 7430, transmission facilities in Fresno area; (5) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (6) 7820, transmission facilities in San Diego and Imperial Valley area; (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 September 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; 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

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.

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 327 exceptional dispatches in September 2012, decreasing by 93 as compared to the October 15, 2012 report for August 2012. Exceptional dispatches issued for the following reasons accounted for approximately 62 percent of the total exceptional dispatches during the reporting period: Software Limitation, Transmission Outage SCE, 6510, and 7430.

Table 1: Exceptional Dispatches in September 2012

California Independent System Operator Corporation Exceptional Dispatch Report November 15, 2012											
Chart 1: Table of Exceptional Dispatches for Period 01/September /2012 – 30/ September /2012											
Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
1	RT	6510	Intertie	N/A	9-Sep-12	165- 186	No	DEC	2	13:25	14:59
2	RT	6510	SCE	Big Creek- Ventura	4-Sep-12	83- 165	Yes	DEC	8	13:50	20:59
3	RT	6510	SCE	Big Creek- Ventura	4-Sep-12	400- 450	Yes	INC	10	11:15	20:59
4	RT	6510	SCE	Big Creek- Ventura	5-Sep-12	100	Yes	INC	12	12:00	23:59
5	RT	6510	SCE	Big Creek- Ventura	10-Sep-12	20- 100	Yes	INC	18	6:00	23:59
6	RT	6510	SCE	Big Creek- Ventura	11-Sep-12	20- 70	Yes	INC	24	0:00	23:59
7	RT	6510	SCE	Big Creek- Ventura	12-Sep-12	20- 40	Yes	INC	24	0:00	23:59
8	RT	6510	SCE	Big Creek- Ventura	13-Sep-12	83- 330	Yes	DEC	10	11:00	20:59
9	RT	6510	SCE	Big Creek- Ventura	14-Sep-12	83- 480	Yes	DEC	11	10:00	20:59
10	RT	6510	SCE	Big Creek- Ventura	14-Sep-12	42- 300	Yes	INC	11	10:00	20:59
11	RT	6510	SCE	Big Creek- Ventura	15-Sep-12	83- 165	Yes	DEC	7	14:00	20:59
12	RT	6510	SCE	Big Creek- Ventura	15-Sep-12	100- 400	Yes	INC	14	10:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
13	RT	6510	SCE	Big Creek-Ventura	16-Sep-12	100	Yes	INC	24	0:00	23:59
14	RT	6510	SCE	Big Creek-Ventura	20-Sep-12	83- 150	Yes	DEC	4	14:00	17:59
15	RT	6510	SCE	Big Creek-Ventura	24-Sep-12	83- 151	Yes	DEC	9	12:00	20:59
16	RT	6510	SCE	Big Creek-Ventura	28-Sep-12	195	No	DEC	1	16:50	16:54
17	RT	6510	SCE	Big Creek-Ventura	30-Sep-12	129- 250	Yes	DEC	5	16:23	20:59
18	RT	6510	SCE	Big Creek-Ventura	30-Sep-12	55- 116	Yes	INC	5	16:45	20:59
19	RT	6510	SCE	LA Basin	1-Sep-12	75	Yes	INC	24	0:00	23:59
20	RT	6510	SCE	LA Basin	4-Sep-12	88	No	DEC	10	11:25	20:59
21	RT	6510	SCE	LA Basin	4-Sep-12	332- 502	Yes	INC	10	11:15	20:59
22	RT	6510	SCE	LA Basin	5-Sep-12	20- 80	Yes	INC	24	0:00	23:59
23	RT	6510	SCE	LA Basin	6-Sep-12	50	Yes	INC	24	0:00	23:59
24	RT	6510	SCE	LA Basin	9-Sep-12	0- 84	Yes	DEC	8	13:22	20:59
25	RT	6510	SCE	LA Basin	9-Sep-12	25- 247	Yes	INC	11	13:10	23:59
26	RT	6510	SCE	LA Basin	10-Sep-12	197- 604	Yes	DEC	15	7:20	21:59
27	RT	6510	SCE	LA Basin	10-Sep-12	25- 402	Yes	INC	24	0:00	23:59
28	RT	6510	SCE	LA Basin	11-Sep-12	87- 426	No	DEC	14	7:30	20:59
29	RT	6510	SCE	LA Basin	11-Sep-12	50- 427	Yes	INC	24	0:00	23:59
30	RT	6510	SCE	LA Basin	12-Sep-12	70- 90	Yes	INC	24	0:00	23:59
31	RT	6510	SCE	LA Basin	13-Sep-12	506-1609	Yes	DEC	11	10:00	20:59
32	RT	6510	SCE	LA Basin	13-Sep-12	10- 674	Yes	INC	14	10:00	23:59
33	RT	6510	SCE	LA Basin	14-Sep-12	329-2392	Yes	DEC	12	9:05	20:59
34	RT	6510	SCE	LA Basin	14-Sep-12	546	Yes	INC	12	9:05	20:59
35	RT	6510	SCE	LA Basin	15-Sep-12	263-1905	Yes	DEC	12	10:10	21:29
36	RT	6510	SCE	LA Basin	15-Sep-12	103- 522	Yes	INC	11	10:10	20:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
37	RT	6510	SCE	LA Basin	16-Sep-12	25- 50	Yes	INC	5	9:00	13:59
38	RT	6510	SCE	LA Basin	19-Sep-12	25- 332	Yes	INC	23	0:00	22:59
39	RT	6510	SCE	LA Basin	20-Sep-12	202-1284	Yes	DEC	9	12:00	20:59
40	RT	6510	SCE	LA Basin	20-Sep-12	25- 71	Yes	INC	11	9:00	19:59
41	RT	6510	SCE	LA Basin	21-Sep-12	308- 838	Yes	DEC	10	11:00	20:59
42	RT	6510	SCE	LA Basin	21-Sep-12	20- 166	Yes	INC	21	0:00	20:59
43	RT	6510	SCE	LA Basin	22-Sep-12	70- 381	Yes	INC	24	0:00	23:59
44	RT	6510	SCE	LA Basin	23-Sep-12	190- 331	Yes	INC	9	12:55	20:59
45	RT	6510	SCE	LA Basin	24-Sep-12	151- 987	Yes	DEC	15	7:20	21:59
46	RT	6510	SCE	LA Basin	24-Sep-12	25- 415	Yes	INC	18	6:00	23:59
47	RT	6510	SCE	LA Basin	26-Sep-12	172- 258	No	DEC	14	6:00	19:59
48	RT	6510	SCE	LA Basin	26-Sep-12	40- 170	No	INC	14	6:00	19:59
49	RT	6510	SCE	LA Basin	27-Sep-12	87-1075	Yes	DEC	13	7:05	19:59
50	RT	6510	SCE	LA Basin	27-Sep-12	45- 144	Yes	INC	13	7:05	19:59
51	RT	6510	SCE	LA Basin	28-Sep-12	186- 258	No	DEC	11	9:00	19:59
52	RT	6510	SCE	LA Basin	29-Sep-12	882-1244	No	DEC	7	14:00	20:59
53	RT	6510	SCE	LA Basin	29-Sep-12	35- 346	Yes	INC	15	9:00	23:59
54	RT	6510	SCE	LA Basin	30-Sep-12	195-1742	Yes	DEC	9	12:00	20:59
55	RT	6510	SCE	LA Basin	30-Sep-12	45	No	INC	8	13:00	20:59
56	RT	6510	SDG&E	San Diego	4-Sep-12	63	No	INC	10	11:15	20:59
57	RT	6510	SDG&E	San Diego	9-Sep-12	20- 500	No	INC	24	0:00	23:59
58	RT	6510	SDG&E	San Diego	10-Sep-12	20- 317	Yes	INC	24	0:00	23:59
59	RT	6510	SDG&E	San Diego	11-Sep-12	60- 191	Yes	INC	24	0:00	23:59
60	RT	6510	SDG&E	San Diego	12-Sep-12	60- 123	Yes	INC	24	0:00	23:59
61	RT	6510	SDG&E	San Diego	13-Sep-12	40- 171	Yes	INC	13	11:05	23:59
62	RT	6510	SDG&E	San Diego	14-Sep-12	63- 74	Yes	INC	10	11:00	20:59
63	RT	6510	SDG&E	San Diego	15-Sep-12	131	No	INC	10	12:30	21:29
64	RT	6510	SDG&E	San Diego	19-Sep-12	20- 40	Yes	INC	24	0:00	23:59
65	RT	6510	SDG&E	San Diego	20-Sep-12	40- 171	Yes	INC	24	0:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
66	RT	6510	SDG&E	San Diego	21-Sep-12	40- 171	Yes	INC	24	0:00	23:59
67	RT	6510	SDG&E	San Diego	24-Sep-12	131	No	INC	15	7:10	21:59
68	RT	6510	SDG&E	San Diego	25-Sep-12	20	Yes	INC	24	0:00	23:59
69	RT	6510	SDG&E	San Diego	27-Sep-12	131	No	INC	13	7:10	19:59
70	RT	6510	SDG&E	San Diego	28-Sep-12	131	No	INC	13	7:00	19:59
71	RT	7110	PG&E	Humboldt	25-Sep-12	29	No	INC	3	8:00	10:59
72	RT	7320	PG&E	Fresno	17-Sep-12	10	No	INC	9	11:45	19:59
73	RT	7430	PG&E	Fresno	1-Sep-12	1- 152	No	DEC	15	9:05	23:59
74	RT	7430	PG&E	Fresno	1-Sep-12	99	No	INC	18	6:20	23:59
75	RT	7430	PG&E	Fresno	2-Sep-12	60	Yes	DEC	3	20:20	22:59
76	RT	7430	PG&E	Fresno	2-Sep-12	83- 93	Yes	INC	4	20:20	23:59
77	RT	7430	PG&E	Fresno	3-Sep-12	83	Yes	INC	24	0:00	23:59
78	RT	7430	PG&E	Fresno	4-Sep-12	9- 87	Yes	DEC	11	12:20	22:59
79	RT	7430	PG&E	Fresno	4-Sep-12	30- 166	Yes	INC	24	0:00	23:59
80	RT	7430	PG&E	Fresno	5-Sep-12	3- 113	Yes	DEC	12	11:10	22:59
81	RT	7430	PG&E	Fresno	5-Sep-12	2- 263	Yes	INC	24	0:00	23:54
82	RT	7430	PG&E	Fresno	6-Sep-12	15- 195	Yes	DEC	13	11:07	23:59
83	RT	7430	PG&E	Fresno	6-Sep-12	10- 221	Yes	INC	20	4:50	23:59
84	RT	7430	PG&E	Fresno	7-Sep-12	3- 175	Yes	DEC	6	17:35	22:59
85	RT	7430	PG&E	Fresno	7-Sep-12	200	Yes	INC	7	17:35	23:58
86	RT	7430	PG&E	Fresno	8-Sep-12	10- 211	Yes	DEC	11	11:55	21:59
87	RT	7430	PG&E	Fresno	8-Sep-12	5- 369	Yes	INC	24	0:00	23:19
88	RT	7430	PG&E	Fresno	9-Sep-12	10- 108	No	DEC	6	13:15	18:59
89	RT	7430	PG&E	Fresno	9-Sep-12	108- 389	Yes	INC	11	12:15	22:59
90	RT	7430	PG&E	Fresno	10-Sep-12	44- 94	No	DEC	6	16:05	21:59
91	RT	7430	PG&E	Fresno	10-Sep-12	40- 120	No	INC	22	2:17	23:59
92	RT	7430	PG&E	Fresno	11-Sep-12	3- 157	Yes	DEC	9	13:15	21:59
93	RT	7430	PG&E	Fresno	11-Sep-12	31- 366	Yes	INC	12	11:29	22:59
94	RT	7430	PG&E	Fresno	12-Sep-12	100	Yes	INC	18	6:00	23:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
95	RT	7430	PG&E	Fresno	13-Sep-12	15- 151	Yes	DEC	15	8:50	22:16
96	RT	7430	PG&E	Fresno	13-Sep-12	6- 83	Yes	INC	16	8:00	23:29
97	RT	7430	PG&E	Fresno	14-Sep-12	17- 184	Yes	DEC	14	10:20	23:59
98	RT	7430	PG&E	Fresno	14-Sep-12	1- 224	Yes	INC	4	20:46	23:59
99	RT	7430	PG&E	Fresno	15-Sep-12	1- 246	Yes	DEC	11	12:18	22:59
100	RT	7430	PG&E	Fresno	15-Sep-12	74	Yes	INC	13	11:49	23:24
101	RT	7430	PG&E	Fresno	16-Sep-12	19- 98	No	DEC	7	14:10	20:59
102	RT	7430	PG&E	Fresno	16-Sep-12	6- 96	No	INC	9	14:10	22:59
103	RT	7430	PG&E	Fresno	17-Sep-12	7- 60	Yes	DEC	10	13:50	22:59
104	RT	7430	PG&E	Fresno	17-Sep-12	100- 170	Yes	INC	9	14:50	22:59
105	RT	7430	PG&E	Fresno	18-Sep-12	15- 125	Yes	INC	12	11:45	22:59
106	RT	7430	PG&E	Fresno	19-Sep-12	86	No	DEC	1	20:55	20:59
107	RT	7430	PG&E	Fresno	19-Sep-12	100	No	INC	1	21:00	21:59
108	RT	7430	PG&E	Fresno	21-Sep-12	0	Yes	INC	2	4:53	5:09
109	RT	7430	PG&E	Fresno	24-Sep-12	77- 90	Yes	DEC	5	12:25	16:59
110	RT	7430	PG&E	Fresno	24-Sep-12	83	Yes	INC	2	12:25	13:59
111	RT	7430	PG&E	Fresno	26-Sep-12	49- 59	No	INC	3	21:38	23:59
112	RT	7430	PG&E	Fresno	29-Sep-12	10	No	INC	3	14:15	16:59
113	RT	7430	PG&E	N/A	8-Sep-12	9	No	INC	1	6:45	6:59
114	RT	7430	PG&E	Sierra	12-Sep-12	12	No	INC	11	7:35	17:59
115	RT	7430	SCE	LA Basin	1-Sep-12	0	No	INC	1	14:35	14:59
116	RT	7620	SCE	N/A	7-Sep-12	69- 132	No	DEC	3	19:37	21:19
117	RT	7620	SCE	N/A	7-Sep-12	1	No	INC	3	19:37	21:19
118	RT	7630	SCE	LA Basin	25-Sep-12	260- 307	Yes	INC	4	8:45	11:29
119	RT	7720	SCE	N/A	12-Sep-12	63	No	DEC	7	14:46	20:59
120	RT	7720	SCE	N/A	12-Sep-12	10	No	INC	6	15:15	20:59
121	RT	7720	SCE	N/A	13-Sep-12	56	No	DEC	5	16:40	20:59
122	RT	7720	SCE	N/A	28-Sep-12	11- 58	No	DEC	11	13:30	23:29
123	RT	7720	SCE	N/A	28-Sep-12	0- 38	No	INC	12	12:35	23:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
124	RT	7720	SCE	N/A	29-Sep-12	30- 58	No	DEC	11	11:50	21:59
125	RT	7720	SCE	N/A	29-Sep-12	1- 23	No	INC	11	11:23	21:59
126	RT	7720	SCE	N/A	30-Sep-12	12- 215	No	DEC	10	10:20	19:59
127	RT	7820	PG&E	Fresno	8-Sep-12	50	No	INC	2	2:10	3:29
128	RT	7820	SDG&E	N/A	28-Sep-12	310	No	INC	1	7:43	7:59
129	RT	7820	SDG&E	San Diego	10-Sep-12	140	Yes	INC	1	8:10	8:59
130	RT	7820	SDG&E	San Diego	25-Sep-12	132- 955	Yes	INC	14	8:37	21:59
131	RT	7830	SDG&E	San Diego	4-Sep-12	30- 100	Yes	INC	6	14:55	19:59
132	RT	7830	SDG&E	San Diego	10-Sep-12	2	Yes	DEC	1	11:00	11:59
133	RT	7830	SDG&E	San Diego	10-Sep-12	89	Yes	INC	2	9:32	10:59
134	RT	7830	SDG&E	San Diego	14-Sep-12	14- 30	Yes	INC	6	15:00	20:59
135	RT	7830	SDG&E	San Diego	17-Sep-12	21	Yes	DEC	1	14:00	14:59
136	RT	8710	SDG&E	San Diego	1-Sep-12	60	Yes	INC	24	0:00	23:59
137	RT	8710	SDG&E	San Diego	3-Sep-12	20- 88	No	INC	20	4:00	23:59
138	RT	8710	SDG&E	San Diego	5-Sep-12	40	Yes	INC	24	0:00	23:59
139	RT	8710	SDG&E	San Diego	6-Sep-12	60	Yes	INC	24	0:00	23:59
140	RT	8710	SDG&E	San Diego	16-Sep-12	40	Yes	INC	24	0:00	23:59
141	RT	8710	SDG&E	San Diego	26-Sep-12	68	No	INC	14	6:00	19:59
142	RT	Bridging Schedules	SCE	LA Basin	10-Sep-12	20	Yes	INC	1	23:00	23:59
143	RT	Bridging Schedules	SCE	LA Basin	11-Sep-12	40- 200	Yes	INC	3	21:00	23:59
144	RT	Bridging Schedules	SCE	LA Basin	12-Sep-12	20	Yes	INC	10	0:00	9:59
145	RT	Bridging Schedules	SCE	LA Basin	14-Sep-12	10	Yes	INC	3	21:00	23:59
146	RT	Bridging Schedules	SCE	LA Basin	16-Sep-12	50	Yes	INC	2	22:00	23:59
147	RT	Bridging Schedules	SCE	LA Basin	17-Sep-12	70	Yes	INC	1	23:00	23:59
148	RT	Bridging Schedules	SCE	LA Basin	18-Sep-12	25	Yes	INC	3	21:00	23:59
149	RT	Bridging Schedules	SCE	LA Basin	20-Sep-12	70	Yes	INC	2	22:00	23:59
150	RT	Bridging Schedules	SCE	LA Basin	21-Sep-12	70	Yes	INC	2	22:00	23:59
151	RT	Bridging Schedules	SCE	LA Basin	24-Sep-12	70	Yes	INC	1	23:00	23:59
152	RT	Bridging Schedules	SCE	LA Basin	25-Sep-12	230	Yes	INC	1	23:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
153	RT	Bridging Schedules	SCE	LA Basin	26-Sep-12	230	No	INC	1	23:00	23:59
154	RT	Bridging Schedules	SCE	LA Basin	27-Sep-12	70- 110	Yes	INC	2	22:00	23:59
155	RT	Bridging Schedules	SCE	LA Basin	28-Sep-12	70	No	INC	2	22:00	23:59
156	RT	Bridging Schedules	SDG&E	San Diego	5-Sep-12	20	Yes	INC	5	19:00	23:59
157	RT	Bridging Schedules	SDG&E	San Diego	13-Sep-12	20	Yes	INC	6	18:00	23:59
158	RT	Bridging Schedules	SDG&E	San Diego	14-Sep-12	60	Yes	INC	3	21:00	23:59
159	RT	Bridging Schedules	SDG&E	San Diego	15-Sep-12	40- 60	Yes	INC	3	21:00	23:59
160	RT	Bridging Schedules	SDG&E	San Diego	20-Sep-12	20	No	INC	2	22:00	23:59
161	RT	Bridging Schedules	SDG&E	San Diego	22-Sep-12	20- 40	Yes	INC	4	20:00	23:59
162	RT	Bridging Schedules	SDG&E	San Diego	23-Sep-12	20	Yes	INC	3	21:00	23:59
163	RT	Bridging Schedules	SDG&E	San Diego	24-Sep-12	20- 60	Yes	INC	6	18:00	23:59
164	RT	Bridging Schedules	SDG&E	San Diego	25-Sep-12	40- 60	Yes	INC	3	21:00	23:59
165	RT	Bridging Schedules	SDG&E	San Diego	26-Sep-12	20	Yes	INC	4	20:00	23:59
166	RT	Bridging Schedules	SDG&E	San Diego	27-Sep-12	20- 40	Yes	INC	4	20:00	23:59
167	RT	Bridging Schedules	SDG&E	San Diego	28-Sep-12	20- 60	Yes	INC	7	17:00	23:59
168	RT	Bridging Schedules	SDG&E	San Diego	29-Sep-12	20	Yes	INC	4	20:00	23:59
169	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	4-Sep-12	20- 60	Yes	INC	17	7:00	23:59
170	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	28-Sep-12	200	No	INC	4	11:40	14:59
171	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	29-Sep-12	40	Yes	INC	24	0:00	23:59
172	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	30-Sep-12	60	Yes	INC	24	0:00	23:59
173	RT	Contingency	Intertie	N/A	9-Sep-12	200	No	DEC	9	10:15	18:03
174	RT	Contingency	Intertie	N/A	9-Sep-12	395	No	INC	1	10:09	10:15
175	RT	Contingency	PG&E	Fresno	9-Sep-12	166- 800	Yes	INC	2	10:01	11:14
176	RT	Contingency	SDG&E	San Diego	9-Sep-12	46	No	INC	2	17:05	18:15
177	RT	Generation Outage	SDG&E	San Diego	3-Sep-12	65	No	INC	9	13:35	21:59
178	RT	Generation Outage	SDG&E	San Diego	8-Sep-12	20	No	INC	22	2:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
179	RT	Intertie Emergency Assistance	Intertie	N/A	15-Sep-12	50	No	INC	2	13:45	14:59
180	RT	Intertie Emergency Assistance	Intertie	N/A	27-Sep-12	130	No	INC	2	13:42	14:59
181	RT	Load Forecast Uncertainty	SCE	LA Basin	3-Sep-12	91	No	INC	24	0:00	23:59
182	RT	Load Forecast Uncertainty	SCE	LA Basin	4-Sep-12	25- 80	Yes	INC	16	8:00	23:59
183	RT	Market Disruption	PG&E	Bay Area	5-Sep-12	520- 625	No	INC	2	1:05	2:59
184	RT	Market Disruption	PG&E	Fresno	5-Sep-12	315- 320	Yes	DEC	2	0:41	1:59
185	RT	Market Disruption	PG&E	Fresno	5-Sep-12	0	No	INC	3	0:15	2:59
186	RT	Market Disruption	PG&E	N/A	5-Sep-12	220- 307	No	DEC	3	0:37	2:59
187	RT	Market Disruption	PG&E	N/A	5-Sep-12	0	No	INC	2	1:10	2:59
188	RT	Market Disruption	SCE	Big Creek-Ventura	5-Sep-12	265	No	DEC	2	1:07	2:59
189	RT	Market Disruption	SCE	LA Basin	5-Sep-12	600	Yes	INC	3	0:41	2:59
190	RT	Market Disruption	SCE	N/A	5-Sep-12	50	No	DEC	2	1:14	2:59
191	RT	Market Disruption	SDG&E	N/A	5-Sep-12	310	No	INC	2	1:05	2:59
192	RT	Market Disruption	SDG&E	San Diego	5-Sep-12	684- 861	No	INC	3	0:57	2:59
193	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Sep-12	52	No	DEC	1	10:00	10:59
194	RT	SCE SOB 204	SCE	Big Creek-Ventura	27-Sep-12	50- 150	No	DEC	3	20:45	22:59
195	RT	SCE SOB 204	SCE	Big Creek-Ventura	27-Sep-12	50	No	INC	6	15:19	20:59
196	RT	SP26 Capacity	SCE	Big Creek-Ventura	4-Sep-12	100	Yes	INC	12	12:00	23:59
197	RT	SP26 Capacity	SCE	Big Creek-Ventura	10-Sep-12	136	No	INC	6	14:00	19:59
198	RT	SP26 Capacity	SCE	LA Basin	2-Sep-12	91	No	INC	24	0:00	23:59
199	RT	SP26 Capacity	SCE	LA Basin	5-Sep-12	20	Yes	INC	13	11:00	23:59
200	RT	SP26 Capacity	SCE	LA Basin	10-Sep-12	65	No	INC	6	15:00	20:59
201	RT	SP26 Capacity	SCE	LA Basin	19-Sep-12	25- 55	Yes	INC	17	7:00	23:59
202	RT	SP26 Capacity	SCE	LA Basin	23-Sep-12	25- 65	Yes	INC	19	5:00	23:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
203	RT	SP26 Capacity	SDG&E	San Diego	18-Sep-12	20	Yes	INC	1	23:00	23:59
204	RT	SP26 Capacity	SDG&E	San Diego	23-Sep-12	20- 40	Yes	INC	24	0:00	23:59
205	RT	SP26 Capacity	SDG&E	San Diego	26-Sep-12	40	Yes	INC	24	0:00	23:59
206	RT	Software Limitation	PG&E	Fresno	3-Sep-12	0	Yes	INC	1	1:30	1:44
207	RT	Software Limitation	PG&E	Fresno	5-Sep-12	315	Yes	DEC	3	1:45	3:59
208	RT	Software Limitation	PG&E	Fresno	8-Sep-12	0	Yes	INC	2	21:05	22:04
209	RT	Software Limitation	PG&E	Fresno	9-Sep-12	0	No	INC	1	22:19	22:29
210	RT	Software Limitation	PG&E	Fresno	16-Sep-12	0	Yes	INC	1	0:12	0:27
211	RT	Software Limitation	PG&E	Fresno	25-Sep-12	0	No	INC	1	5:00	5:44
212	RT	Software Limitation	PG&E	N/A	15-Sep-12	237	No	INC	5	8:00	12:59
213	RT	Software Limitation	SCE	Big Creek- Ventura	14-Sep-12	50- 270	No	DEC	7	9:00	15:59
214	RT	Software Limitation	SCE	Big Creek- Ventura	15-Sep-12	0	Yes	INC	8	4:50	11:49
215	RT	Software Limitation	SCE	LA Basin	3-Sep-12	0	Yes	INC	2	21:05	22:04
216	RT	Software Limitation	SCE	LA Basin	7-Sep-12	0	Yes	INC	5	18:20	22:54
217	RT	Software Limitation	SCE	LA Basin	8-Sep-12	0	Yes	INC	2	21:30	22:29
218	RT	Software Limitation	SCE	LA Basin	9-Sep-12	0	Yes	INC	2	22:45	23:44
219	RT	Software Limitation	SCE	LA Basin	10-Sep-12	0	Yes	INC	2	21:50	22:49
220	RT	Software Limitation	SCE	LA Basin	12-Sep-12	0	Yes	INC	2	19:40	20:39
221	RT	Software Limitation	SCE	LA Basin	14-Sep-12	0	Yes	INC	1	4:09	4:55
222	RT	Software Limitation	SCE	LA Basin	15-Sep-12	0	Yes	INC	2	0:20	1:29
223	RT	Software Limitation	SCE	LA Basin	20-Sep-12	0	Yes	INC	2	19:40	20:39
224	RT	Software Limitation	SCE	LA Basin	24-Sep-12	0	Yes	INC	5	8:35	12:34
225	RT	Software Limitation	SCE	LA Basin	25-Sep-12	47	No	DEC	2	18:45	19:44
226	RT	Software Limitation	SCE	LA Basin	26-Sep-12	0	Yes	INC	2	21:30	22:29
227	RT	Software Limitation	SCE	LA Basin	27-Sep-12	0	Yes	INC	4	20:40	23:59
228	RT	Software Limitation	SCE	LA Basin	28-Sep-12	0	No	INC	1	0:00	0:04
229	RT	Software Limitation	SDG&E	San Diego	3-Sep-12	20	No	INC	2	18:45	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
230	RT	Software Limitation	SDG&E	San Diego	10-Sep-12	133- 241	No	DEC	4	5:40	8:59
231	RT	Software Limitation	SDG&E	San Diego	10-Sep-12	281	No	INC	1	9:10	9:59
232	RT	Software Limitation	SDG&E	San Diego	14-Sep-12	0	Yes	INC	2	18:55	19:54
233	RT	Software Limitation	SDG&E	San Diego	15-Sep-12	127	Yes	INC	13	9:00	21:39
234	RT	Software Limitation	SDG&E	San Diego	23-Sep-12	91	No	INC	1	20:00	20:44
235	RT	Software Limitation	SDG&E	San Diego	25-Sep-12	45	No	DEC	2	15:10	16:09
236	RT	Software Limitation	SDG&E	San Diego	25-Sep-12	0	Yes	INC	2	21:30	22:29
237	RT	System Energy	Intertie	N/A	15-Sep-12	175	Yes	INC	1	15:00	15:59
238	RT	System Energy	Intertie	N/A	25-Sep-12	252- 350	Yes	INC	7	10:00	16:59
239	RT	System Energy	SCE	Big Creek-Ventura	8-Sep-12	4	No	INC	1	22:08	22:18
240	RT	Transmission Outage PG&E	PG&E	Bay Area	17-Sep-12	75	No	DEC	2	9:27	10:29
241	RT	Transmission Outage PG&E	PG&E	Fresno	13-Sep-12	641	Yes	INC	5	4:15	8:59
242	RT	Transmission Outage PG&E	PG&E	Fresno	16-Sep-12	0	No	INC	1	9:47	9:59
243	RT	Transmission Outage PG&E	PG&E	Fresno	17-Sep-12	32	No	INC	6	15:55	20:53
244	RT	Transmission Outage PG&E	PG&E	Fresno	24-Sep-12	60	Yes	INC	21	3:40	23:59
245	RT	Transmission Outage PG&E	PG&E	Fresno	25-Sep-12	60	Yes	INC	1	0:00	0:59
246	RT	Transmission Outage PG&E	PG&E	Fresno	27-Sep-12	24- 60	No	INC	22	1:03	22:59
247	RT	Transmission Outage PG&E	PG&E	Humboldt	4-Sep-12	16	No	INC	2	16:54	17:59
248	RT	Transmission Outage PG&E	PG&E	Humboldt	8-Sep-12	80- 112	No	INC	4	17:11	20:59
249	RT	Transmission Outage PG&E	PG&E	Humboldt	20-Sep-12	15- 60	No	INC	4	15:12	18:03
250	RT	Transmission Outage PG&E	PG&E	Humboldt	21-Sep-12	16- 64	No	INC	10	12:45	21:59
251	RT	Transmission Outage PG&E	PG&E	Humboldt	24-Sep-12	15	No	INC	2	11:52	12:36
252	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Sep-12	48- 96	No	INC	7	15:51	21:59
253	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Sep-12	48	No	INC	10	12:44	21:59
254	RT	Transmission Outage PG&E	PG&E	N/A	18-Sep-12	50- 67	No	DEC	8	14:50	21:59
255	RT	Transmission Outage PG&E	PG&E	N/A	19-Sep-12	350- 440	No	INC	4	14:01	17:59
256	RT	Transmission Outage PG&E	PG&E	Sierra	11-Sep-12	5	No	DEC	2	13:56	14:59
257	RT	Transmission Outage PG&E	PG&E	Sierra	12-Sep-12	6	No	DEC	2	6:35	7:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
258	RT	Transmission Outage PG&E	PG&E	Sierra	18-Sep-12	20	Yes	INC	10	7:20	16:59
259	RT	Transmission Outage PG&E	PG&E	Sierra	24-Sep-12	11- 21	No	DEC	10	10:50	19:59
260	RT	Transmission Outage PG&E	PG&E	Sierra	25-Sep-12	24	No	DEC	10	11:20	20:59
261	RT	Transmission Outage PG&E	PG&E	Sierra	26-Sep-12	11- 23	No	DEC	12	10:21	21:59
262	RT	Transmission Outage PG&E	PG&E	Sierra	27-Sep-12	15	No	DEC	13	10:00	22:59
263	RT	Transmission Outage PG&E	SCE	Big Creek- Ventura	17-Sep-12	55- 105	No	DEC	8	16:15	23:59
264	RT	Transmission Outage SCE	Intertie	N/A	8-Sep-12	180- 216	No	DEC	2	11:45	12:59
265	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	4-Sep-12	14- 175	No	DEC	9	15:50	23:44
266	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	4-Sep-12	20	No	INC	7	16:30	22:59
267	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	5-Sep-12	9- 84	No	DEC	7	1:05	7:59
268	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	5-Sep-12	4- 161	No	INC	14	1:55	14:59
269	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	6-Sep-12	3- 93	No	DEC	4	16:50	19:59
270	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	7-Sep-12	5- 35	No	DEC	6	15:45	20:59
271	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	8-Sep-12	5	No	DEC	6	16:15	21:59
272	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	8-Sep-12	15	No	INC	1	16:00	16:59
273	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	9-Sep-12	5	No	DEC	5	17:15	21:59
274	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	9-Sep-12	2- 16	No	INC	5	17:20	21:59
275	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	10-Sep-12	5- 191	No	DEC	14	8:10	21:59
276	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	10-Sep-12	75- 235	No	INC	6	17:15	22:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
277	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	11-Sep-12	5- 25	No	DEC	14	9:00	22:59
278	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	11-Sep-12	161	No	INC	3	9:00	11:59
279	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	12-Sep-12	15- 30	No	DEC	19	5:00	23:59
280	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	17-Sep-12	90- 130	No	DEC	14	3:45	16:59
281	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	18-Sep-12	13- 42	No	DEC	20	4:40	23:59
282	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	18-Sep-12	8- 90	No	INC	24	0:00	23:59
283	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	19-Sep-12	6- 31	No	DEC	8	1:05	8:59
284	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	19-Sep-12	10- 60	No	INC	9	0:40	8:59
285	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	20-Sep-12	12- 22	No	DEC	16	8:53	23:59
286	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	20-Sep-12	8- 28	No	INC	16	8:53	23:59
287	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	21-Sep-12	16- 62	No	DEC	10	0:10	9:59
288	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	21-Sep-12	9- 14	No	INC	24	0:00	23:59
289	RT	Transmission Outage SCE	SCE	Big Creek- Ventura	22-Sep-12	44	No	INC	1	0:00	0:59
290	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-12	0- 6	Yes	DEC	5	11:25	15:59
291	RT	Transmission Outage SCE	SCE	LA Basin	8-Sep-12	86	Yes	INC	3	11:25	13:29
292	RT	Transmission Outage SCE	SCE	LA Basin	13-Sep-12	170	No	INC	3	1:39	3:13
293	RT	Transmission Outage SCE	SCE	LA Basin	15-Sep-12	50	Yes	INC	10	0:00	9:59
294	RT	Transmission Outage SCE	SCE	N/A	16-Sep-12	214	Yes	DEC	2	16:36	17:14
295	RT	Transmission Outage SCE	SCE	N/A	16-Sep-12	160	Yes	INC	2	16:55	17:14

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
296	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Sep-12	7	Yes	DEC	2	9:30	10:14
297	RT	Transmission Outage SDG&E	SDG&E	San Diego	6-Sep-12	37	Yes	INC	2	9:30	10:14
298	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Sep-12	43	Yes	DEC	3	12:45	14:59
299	RT	Transmission Outage SDG&E	SDG&E	San Diego	7-Sep-12	37	Yes	INC	6	9:00	14:59
300	RT	Transmission Outage SDG&E	SDG&E	San Diego	10-Sep-12	180- 240	No	INC	7	10:25	16:59
301	RT	Unit Testing	PG&E	N/A	15-Sep-12	237	No	INC	3	21:20	23:59
302	RT	Unit Testing	PG&E	N/A	16-Sep-12	237	No	INC	20	0:00	19:59
303	RT	Unit Testing	PG&E	N/A	17-Sep-12	271	No	INC	12	8:55	19:59
304	RT	Unit Testing	PG&E	N/A	18-Sep-12	237	No	INC	11	9:20	19:59
305	RT	Unit Testing	PG&E	N/A	19-Sep-12	110- 328	No	INC	10	4:20	13:59
306	RT	Unit Testing	PG&E	N/A	24-Sep-12	160	No	INC	12	8:00	19:59
307	RT	Unit Testing	PG&E	N/A	25-Sep-12	116- 320	No	INC	17	7:10	23:59
308	RT	Unit Testing	PG&E	N/A	26-Sep-12	120- 300	No	INC	20	0:00	19:59
309	RT	Unit Testing	PG&E	N/A	28-Sep-12	290- 380	Yes	INC	7	9:10	15:59
310	RT	Unit Testing	SDG&E	N/A	5-Sep-12	22	No	DEC	2	9:58	10:27
311	RT	Unit Testing	SDG&E	N/A	5-Sep-12	20	No	INC	1	9:16	9:46
312	RT	Voltage Support	PG&E	Fresno	3-Sep-12	32	No	INC	9	14:15	22:59
313	RT	Voltage Support	PG&E	Fresno	4-Sep-12	32- 64	No	INC	12	11:35	22:59
314	RT	Voltage Support	PG&E	Fresno	5-Sep-12	32- 64	No	INC	11	13:05	23:59
315	RT	Voltage Support	PG&E	Fresno	6-Sep-12	32	No	INC	12	12:45	23:59
316	RT	Voltage Support	PG&E	Fresno	7-Sep-12	32	No	INC	13	11:30	23:29
317	RT	Voltage Support	PG&E	Fresno	8-Sep-12	32- 64	No	INC	12	11:50	22:59
318	RT	Voltage Support	PG&E	Fresno	9-Sep-12	32	No	INC	6	15:55	20:59
319	RT	Voltage Support	PG&E	Fresno	10-Sep-12	32	No	INC	10	13:30	22:59
320	RT	Voltage Support	PG&E	Fresno	11-Sep-12	32	No	INC	10	13:12	22:59
321	RT	Voltage Support	PG&E	Fresno	12-Sep-12	32	No	INC	9	14:05	22:59
322	RT	Voltage Support	PG&E	Fresno	13-Sep-12	32	No	INC	10	13:25	22:59
323	RT	Voltage Support	PG&E	Fresno	14-Sep-12	32	No	INC	11	12:45	22:59
324	RT	Voltage Support	PG&E	Fresno	15-Sep-12	32	No	INC	8	13:55	20:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
325	RT	Voltage Support	PG&E	Fresno	16-Sep-12	308- 316	No	DEC	2	7:15	8:59
326	RT	Voltage Support	PG&E	Sierra	14-Sep-12	20	Yes	INC	3	9:45	11:59
327	RT	Voltage Support	PG&E	Sierra	19-Sep-12	20	Yes	INC	3	7:03	9:15

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 November 2012.

Anna Pascuzzo

Anna Pascuzzo