

October 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-____
August 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 August 2012.

Respectfully submitted,

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Exceptional Dispatch Report

Table 1: August 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 August 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 August 2012, the ISO issued exceptional dispatches for the following transmission management requirements: (1) 6510, Southern California import transmission (SCIT) nomogram; (2) 7110, transmission facilities in Humboldt area; (3) 7230, transmission facilities in Palermo Rio-Oso area; (4) 7240, Drum Area/Summit Operations; (5) 7320, transmission facilities in Bay Area; (6) 7410, transmission facilities in Tesla/Bellota Area; (7) 7430, transmission facilities in Fresno area; (8) 7570, South of Lugo 500 kV lines; (9) 7720, Julian Hinds-Mirage 230 kV line overload mitigation & Eagle Mountain bank emergency mitigation; (10) 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 August 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 August, 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

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.

(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 420 exceptional dispatches in August 2012, increasing by 110 as compared to the September 14, 2012 report for July 2012. Exceptional dispatches issued for the following reasons accounted for approximately 57 percent of the total exceptional dispatches during the reporting period: Software Limitation, SCE SOB 204 (SCE System Operating Bulletin No. 204), 6510, and 7430.

Table 1: Exceptional Dispatches in August 2012

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

Chart 1: Table of Exceptional Dispatches for Period 01/August/2012 – 31/August/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	8-Aug-12	324	No	INC	1	16:37	16:45
2	RT	6510	SCE	Big Creek-Ventura	7-Aug-12	80- 525	Yes	DEC	12	10:40	21:59
3	RT	6510	SCE	Big Creek-Ventura	7-Aug-12	150	Yes	INC	12	10:40	21:59
4	RT	6510	SCE	Big Creek-Ventura	9-Aug-12	71- 501	No	DEC	14	8:05	21:59
5	RT	6510	SCE	Big Creek-Ventura	9-Aug-12	40	No	INC	14	8:05	21:59
6	RT	6510	SCE	Big Creek-Ventura	11-Aug-12	106- 642	No	DEC	13	9:20	21:59
7	RT	6510	SCE	Big Creek-Ventura	11-Aug-12	33- 250	No	INC	13	9:20	21:59
8	RT	6510	SCE	Big Creek-Ventura	12-Aug-12	72- 550	No	DEC	14	8:45	21:59
9	RT	6510	SCE	Big Creek-Ventura	12-Aug-12	106- 250	No	INC	14	8:45	21:59
10	RT	6510	SCE	Big Creek-Ventura	13-Aug-12	83- 750	No	DEC	16	6:20	21:59
11	RT	6510	SCE	Big Creek-Ventura	13-Aug-12	150	No	INC	16	6:20	21:59
12	RT	6510	SCE	Big Creek-Ventura	14-Aug-12	83- 752	No	DEC	15	7:00	21:59

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	14-Aug-12	50	No	INC	15	7:00	21:59
14	RT	6510	SCE	Big Creek-Ventura	15-Aug-12	36- 811	No	DEC	15	7:00	21:59
15	RT	6510	SCE	Big Creek-Ventura	15-Aug-12	50	No	INC	15	7:00	21:59
16	RT	6510	SCE	Big Creek-Ventura	16-Aug-12	206- 832	No	DEC	15	7:00	21:59
17	RT	6510	SCE	Big Creek-Ventura	16-Aug-12	25- 74	No	INC	19	3:30	21:59
18	RT	6510	SCE	Big Creek-Ventura	18-Aug-12	120- 450	No	INC	24	0:00	23:59
19	RT	6510	SCE	Big Creek-Ventura	29-Aug-12	83- 330	Yes	DEC	10	12:00	21:59
20	RT	6510	SCE	Big Creek-Ventura	29-Aug-12	50	Yes	INC	10	12:00	21:59
21	RT	6510	SCE	Big Creek-Ventura	30-Aug-12	149- 180	Yes	DEC	9	13:05	21:59
22	RT	6510	SCE	Big Creek-Ventura	30-Aug-12	108- 300	Yes	INC	9	13:05	21:59
23	RT	6510	SCE	Big Creek-Ventura	31-Aug-12	100	Yes	INC	17	7:00	23:59
24	RT	6510	SCE	LA Basin	1-Aug-12	178- 312	No	DEC	4	18:55	21:59
25	RT	6510	SCE	LA Basin	1-Aug-12	340	No	INC	12	10:00	21:59
26	RT	6510	SCE	LA Basin	2-Aug-12	340	No	INC	12	10:55	21:59
27	RT	6510	SCE	LA Basin	6-Aug-12	200- 670	Yes	INC	21	2:00	22:59
28	RT	6510	SCE	LA Basin	7-Aug-12	161- 812	Yes	DEC	12	10:00	21:59
29	RT	6510	SCE	LA Basin	7-Aug-12	340- 705	Yes	INC	12	10:00	21:59
30	RT	6510	SCE	LA Basin	8-Aug-12	449-1205	Yes	DEC	11	11:00	21:59
31	RT	6510	SCE	LA Basin	8-Aug-12	240- 860	Yes	INC	11	11:00	21:59
32	RT	6510	SCE	LA Basin	9-Aug-12	448-1365	Yes	DEC	15	7:30	21:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
33	RT	6510	SCE	LA Basin	9-Aug-12	620-1090	Yes	INC	15	7:20	21:59
34	RT	6510	SCE	LA Basin	10-Aug-12	108-1179	No	DEC	14	7:30	20:59
35	RT	6510	SCE	LA Basin	10-Aug-12	260-1150	Yes	INC	24	0:00	23:59
36	RT	6510	SCE	LA Basin	11-Aug-12	115-1251	No	DEC	14	8:40	21:59
37	RT	6510	SCE	LA Basin	11-Aug-12	200-1142	Yes	INC	22	0:00	21:59
38	RT	6510	SCE	LA Basin	12-Aug-12	238-1447	No	DEC	14	8:25	21:59
39	RT	6510	SCE	LA Basin	12-Aug-12	380- 912	Yes	INC	14	8:25	21:59
40	RT	6510	SCE	LA Basin	13-Aug-12	288-1549	No	DEC	16	6:00	21:59
41	RT	6510	SCE	LA Basin	13-Aug-12	345-1072	Yes	INC	16	6:00	21:59
42	RT	6510	SCE	LA Basin	14-Aug-12	381-1485	Yes	DEC	15	7:00	21:59
43	RT	6510	SCE	LA Basin	14-Aug-12	110- 980	Yes	INC	18	6:00	23:59
44	RT	6510	SCE	LA Basin	15-Aug-12	123-1570	No	DEC	15	7:00	21:59
45	RT	6510	SCE	LA Basin	15-Aug-12	190- 765	Yes	INC	16	6:00	21:59
46	RT	6510	SCE	LA Basin	16-Aug-12	298-1558	No	DEC	18	4:35	21:59
47	RT	6510	SCE	LA Basin	16-Aug-12	20- 645	Yes	INC	24	0:00	23:59
48	RT	6510	SCE	LA Basin	17-Aug-12	60-1558	Yes	DEC	15	7:00	21:59
49	RT	6510	SCE	LA Basin	17-Aug-12	20- 546	Yes	INC	24	0:01	23:59
50	RT	6510	SCE	LA Basin	18-Aug-12	258-1110	No	DEC	16	6:30	21:59
51	RT	6510	SCE	LA Basin	18-Aug-12	70-1080	No	INC	24	0:00	23:59
52	RT	6510	SCE	LA Basin	19-Aug-12	88- 147	No	DEC	8	14:00	21:59
53	RT	6510	SCE	LA Basin	19-Aug-12	230- 785	Yes	INC	24	0:00	23:59
54	RT	6510	SCE	LA Basin	20-Aug-12	160-1110	No	DEC	17	7:00	23:59
55	RT	6510	SCE	LA Basin	20-Aug-12	220-1020	Yes	INC	24	0:00	23:59
56	RT	6510	SCE	LA Basin	21-Aug-12	141-1252	Yes	DEC	15	6:00	20:59
57	RT	6510	SCE	LA Basin	21-Aug-12	70- 972	Yes	INC	24	0:00	23:59
58	RT	6510	SCE	LA Basin	22-Aug-12	419	No	DEC	5	15:10	19:59
59	RT	6510	SCE	LA Basin	22-Aug-12	221- 331	Yes	INC	24	0:00	23:59
60	RT	6510	SCE	LA Basin	23-Aug-12	182- 381	No	DEC	10	10:00	19:59
61	RT	6510	SCE	LA Basin	23-Aug-12	25- 110	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
62	RT	6510	SCE	LA Basin	24-Aug-12	7- 419	No	DEC	15	7:05	21:59
63	RT	6510	SCE	LA Basin	24-Aug-12	50-1262	Yes	INC	24	0:00	23:59
64	RT	6510	SCE	LA Basin	27-Aug-12	139- 322	No	DEC	12	9:00	20:59
65	RT	6510	SCE	LA Basin	27-Aug-12	70- 715	Yes	INC	24	0:00	23:59
66	RT	6510	SCE	LA Basin	28-Aug-12	426- 729	Yes	DEC	11	10:15	20:59
67	RT	6510	SCE	LA Basin	28-Aug-12	200- 786	Yes	INC	24	0:00	23:59
68	RT	6510	SCE	LA Basin	29-Aug-12	356-1607	Yes	DEC	14	8:00	21:59
69	RT	6510	SCE	LA Basin	29-Aug-12	860- 952	Yes	INC	14	8:00	21:59
70	RT	6510	SCE	LA Basin	29-Aug-12	240	Yes	INC	24	0:00	23:59
71	RT	6510	SCE	LA Basin	30-Aug-12	79-1110	No	DEC	16	6:15	21:59
72	RT	6510	SCE	LA Basin	30-Aug-12	622- 892	Yes	INC	16	6:15	21:59
73	RT	6510	SCE	LA Basin	30-Aug-12	250	Yes	INC	24	0:00	23:59
74	RT	6510	SCE	LA Basin	31-Aug-12	3- 161	No	DEC	14	7:35	20:59
75	RT	6510	SCE	LA Basin	31-Aug-12	71- 116	Yes	INC	14	7:25	20:59
76	RT	6510	SCE	LA Basin	31-Aug-12	25- 75	Yes	INC	24	0:00	23:59
77	RT	6510	SDG&E	San Diego	1-Aug-12	20- 68	No	INC	16	8:40	23:59
78	RT	6510	SDG&E	San Diego	2-Aug-12	68	No	INC	12	10:30	21:59
79	RT	6510	SDG&E	San Diego	9-Aug-12	63	No	INC	14	8:05	21:59
80	RT	6510	SDG&E	San Diego	10-Aug-12	131	No	INC	13	8:20	20:59
81	RT	6510	SDG&E	San Diego	11-Aug-12	131	No	INC	13	9:05	21:59
82	RT	6510	SDG&E	San Diego	12-Aug-12	68	No	INC	12	10:50	21:59
83	RT	6510	SDG&E	San Diego	13-Aug-12	131	No	INC	16	6:10	21:59
84	RT	6510	SDG&E	San Diego	14-Aug-12	68- 131	No	INC	16	6:00	21:59
85	RT	6510	SDG&E	San Diego	15-Aug-12	131	No	INC	15	7:00	21:59
86	RT	6510	SDG&E	San Diego	16-Aug-12	68- 131	No	INC	16	6:00	21:59
87	RT	6510	SDG&E	San Diego	17-Aug-12	68- 131	No	INC	16	6:00	21:59
88	RT	6510	SDG&E	San Diego	18-Aug-12	68- 151	No	INC	16	6:35	21:59
89	RT	6510	SDG&E	San Diego	20-Aug-12	68	No	INC	15	7:00	21:59
90	RT	6510	SDG&E	San Diego	21-Aug-12	68- 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
91	RT	6510	SDG&E	San Diego	23-Aug-12	131	No	INC	10	10:00	19:59
92	RT	6510	SDG&E	San Diego	24-Aug-12	131	No	INC	14	8:30	21:59
93	RT	6510	SDG&E	San Diego	27-Aug-12	68	No	INC	10	11:00	20:59
94	RT	6510	SDG&E	San Diego	28-Aug-12	63	No	INC	13	8:45	20:59
95	RT	6510	SDG&E	San Diego	29-Aug-12	131	No	INC	11	11:05	21:59
96	RT	6510	SDG&E	San Diego	30-Aug-12	132	No	INC	16	6:35	21:59
97	RT	6510	SDG&E	San Diego	31-Aug-12	68- 132	No	INC	15	6:50	20:59
98	RT	7110	PG&E	Humboldt	6-Aug-12	32- 80	No	INC	4	16:10	19:59
99	RT	7110	PG&E	Humboldt	7-Aug-12	32	No	INC	6	15:08	20:59
100	RT	7110	PG&E	Humboldt	8-Aug-12	16	No	INC	2	19:00	20:14
101	RT	7110	PG&E	Humboldt	17-Aug-12	15- 45	No	INC	16	8:17	23:59
102	RT	7230	PG&E	Sierra	2-Aug-12	23- 49	No	DEC	5	17:05	21:59
103	RT	7230	PG&E	Sierra	2-Aug-12	5- 19	No	INC	5	17:20	21:59
104	RT	7230	PG&E	Sierra	7-Aug-12	59- 67	Yes	DEC	5	18:30	22:59
105	RT	7230	PG&E	Sierra	7-Aug-12	1	Yes	INC	5	18:55	22:59
106	RT	7230	PG&E	Sierra	8-Aug-12	33- 55	Yes	DEC	9	15:19	23:59
107	RT	7230	PG&E	Sierra	8-Aug-12	45	No	INC	2	22:00	23:59
108	RT	7230	PG&E	Sierra	9-Aug-12	58- 78	No	DEC	8	15:24	22:59
109	RT	7230	PG&E	Sierra	9-Aug-12	40	No	INC	5	18:30	22:59
110	RT	7230	PG&E	Sierra	10-Aug-12	58- 88	No	DEC	7	15:00	21:59
111	RT	7230	PG&E	Sierra	11-Aug-12	3- 48	No	DEC	10	13:55	22:59
112	RT	7230	PG&E	Sierra	11-Aug-12	50	No	INC	5	18:15	22:59
113	RT	7230	PG&E	Sierra	13-Aug-12	0- 107	No	DEC	9	14:12	22:59
114	RT	7230	PG&E	Sierra	13-Aug-12	0	No	INC	8	15:10	22:59
115	RT	7230	PG&E	Sierra	14-Aug-12	30- 50	No	DEC	11	11:19	21:59
116	RT	7240	PG&E	Sierra	9-Aug-12	8	No	INC	4	16:25	19:59
117	RT	7320	PG&E	Bay Area	30-Aug-12	0	Yes	DEC	7	8:30	14:59
118	RT	7320	PG&E	Bay Area	30-Aug-12	19- 46	Yes	INC	15	8:30	22:59
119	RT	7410	PG&E	Stockton	9-Aug-12	19- 40	No	INC	2	18:25	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
120	RT	7410	PG&E	Stockton	10-Aug-12	6- 20	Yes	DEC	6	14:35	19:59
121	RT	7410	PG&E	Stockton	10-Aug-12	15- 50	Yes	INC	6	14:35	19:59
122	RT	7410	PG&E	Stockton	14-Aug-12	15- 29	No	INC	3	16:14	18:37
123	RT	7430	PG&E	Fresno	1-Aug-12	382	Yes	INC	23	0:00	22:44
124	RT	7430	PG&E	Fresno	2-Aug-12	380- 430	Yes	DEC	4	18:20	21:59
125	RT	7430	PG&E	Fresno	2-Aug-12	100- 425	Yes	INC	5	19:55	23:59
126	RT	7430	PG&E	Fresno	3-Aug-12	14- 190	Yes	DEC	5	19:25	23:54
127	RT	7430	PG&E	Fresno	3-Aug-12	83- 225	Yes	INC	2	20:00	21:59
128	RT	7430	PG&E	Fresno	4-Aug-12	50- 420	Yes	DEC	12	10:27	21:59
129	RT	7430	PG&E	Fresno	4-Aug-12	300	Yes	INC	15	8:50	22:59
130	RT	7430	PG&E	Fresno	7-Aug-12	5	No	DEC	13	10:30	22:59
131	RT	7430	PG&E	Fresno	7-Aug-12	25	No	INC	21	2:10	22:59
132	RT	7430	PG&E	Fresno	11-Aug-12	115- 257	Yes	DEC	3	10:25	12:59
133	RT	7430	PG&E	Fresno	11-Aug-12	83	Yes	INC	14	10:19	23:10
134	RT	7430	PG&E	Fresno	12-Aug-12	120	No	INC	1	6:11	6:35
135	RT	7430	PG&E	Fresno	14-Aug-12	46	Yes	INC	23	1:10	23:59
136	RT	7430	PG&E	Fresno	15-Aug-12	15- 537	Yes	DEC	9	15:20	23:59
137	RT	7430	PG&E	Fresno	15-Aug-12	220	Yes	INC	24	0:00	23:59
138	RT	7430	PG&E	Fresno	16-Aug-12	410	Yes	INC	24	0:00	23:59
139	RT	7430	PG&E	Fresno	17-Aug-12	20- 70	Yes	DEC	2	21:20	22:59
140	RT	7430	PG&E	Fresno	17-Aug-12	297	Yes	INC	24	0:00	23:59
141	RT	7430	PG&E	Fresno	18-Aug-12	83- 221	No	INC	23	0:00	22:59
142	RT	7430	PG&E	Fresno	19-Aug-12	20- 104	Yes	DEC	9	12:10	20:59
143	RT	7430	PG&E	Fresno	19-Aug-12	300	Yes	INC	16	8:19	23:59
144	RT	7430	PG&E	Fresno	20-Aug-12	40- 180	Yes	DEC	10	12:45	21:59
145	RT	7430	PG&E	Fresno	20-Aug-12	175	Yes	INC	24	0:00	23:58
146	RT	7430	PG&E	Fresno	21-Aug-12	50- 190	Yes	DEC	8	15:40	22:59
147	RT	7430	PG&E	Fresno	21-Aug-12	200	Yes	INC	4	20:30	23:59
148	RT	7430	PG&E	Fresno	22-Aug-12	20	Yes	DEC	1	19:20	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
149	RT	7430	PG&E	Fresno	22-Aug-12	280	Yes	INC	14	10:58	23:59
150	RT	7430	PG&E	Fresno	23-Aug-12	15	Yes	DEC	4	19:10	22:59
151	RT	7430	PG&E	Fresno	23-Aug-12	19- 250	Yes	INC	23	0:00	22:59
152	RT	7430	PG&E	Fresno	24-Aug-12	60- 80	Yes	DEC	3	13:50	15:59
153	RT	7430	PG&E	Fresno	24-Aug-12	150	Yes	INC	19	4:15	22:59
154	RT	7430	PG&E	Fresno	25-Aug-12	14- 70	Yes	DEC	5	12:24	16:39
155	RT	7430	PG&E	Fresno	25-Aug-12	70- 350	Yes	INC	11	12:45	22:59
156	RT	7430	PG&E	Fresno	26-Aug-12	10- 250	Yes	INC	9	15:30	23:29
157	RT	7430	PG&E	Fresno	30-Aug-12	25- 120	Yes	DEC	7	17:20	23:59
158	RT	7430	PG&E	Fresno	30-Aug-12	14- 400	Yes	INC	22	2:12	23:59
159	RT	7430	PG&E	Fresno	31-Aug-12	3- 22	Yes	DEC	12	12:30	23:59
160	RT	7430	PG&E	Fresno	31-Aug-12	20- 115	Yes	INC	24	0:20	23:06
161	RT	7430	SCE	N/A	29-Aug-12	26- 33	No	DEC	7	15:30	21:59
162	RT	7430	SCE	N/A	29-Aug-12	40	No	INC	7	15:30	21:59
163	RT	7570	SCE	LA Basin	8-Aug-12	836	No	INC	1	10:24	10:59
164	RT	7570	SCE	N/A	8-Aug-12	181	No	DEC	1	10:22	10:35
165	RT	7720	SCE	N/A	13-Aug-12	26- 72	No	DEC	13	9:50	21:59
166	RT	7720	SCE	N/A	14-Aug-12	25- 72	No	DEC	10	10:05	19:59
167	RT	7720	SCE	N/A	14-Aug-12	28- 40	No	INC	4	10:05	13:59
168	RT	7720	SCE	N/A	18-Aug-12	1- 18	No	DEC	6	14:05	19:59
169	RT	7720	SCE	N/A	29-Aug-12	11- 18	No	DEC	3	13:05	15:59
170	RT	8710	SDG&E	San Diego	17-Aug-12	20	Yes	INC	24	0:00	23:59
171	RT	8710	SDG&E	San Diego	19-Aug-12	131	No	INC	9	11:10	19:59
172	RT	8710	SDG&E	San Diego	25-Aug-12	40	No	INC	24	0:00	23:59
173	RT	8710	SDG&E	San Diego	26-Aug-12	20	No	INC	24	0:00	23:59
174	RT	8710	SDG&E	San Diego	27-Aug-12	20	Yes	INC	24	0:00	23:59
175	RT	8710	SDG&E	San Diego	31-Aug-12	60	Yes	INC	24	0:00	23:59
176	RT	Bridging Schedules	PG&E	Bay Area	11-Aug-12	45	Yes	INC	2	22:00	23:59
177	RT	Bridging Schedules	PG&E	Bay Area	13-Aug-12	45	Yes	INC	2	22:00	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
178	RT	Bridging Schedules	PG&E	Bay Area	14-Aug-12	130- 220	Yes	INC	3	21:00	23:59
179	RT	Bridging Schedules	PG&E	Bay Area	15-Aug-12	45- 135	Yes	INC	4	20:00	23:59
180	RT	Bridging Schedules	PG&E	Bay Area	16-Aug-12	45- 220	Yes	INC	5	19:00	23:59
181	RT	Bridging Schedules	PG&E	N/A	1-Aug-12	52	No	INC	4	20:00	23:59
182	RT	Bridging Schedules	SCE	Big Creek-Ventura	14-Aug-12	50	Yes	INC	4	20:00	23:59
183	RT	Bridging Schedules	SCE	LA Basin	8-Aug-12	10- 120	Yes	INC	6	18:00	23:59
184	RT	Bridging Schedules	SCE	LA Basin	9-Aug-12	10- 140	Yes	INC	6	18:00	23:59
185	RT	Bridging Schedules	SCE	LA Basin	13-Aug-12	20- 90	Yes	INC	24	0:00	23:59
186	RT	Bridging Schedules	SCE	LA Basin	14-Aug-12	10- 130	Yes	INC	23	1:00	23:59
187	RT	Bridging Schedules	SCE	LA Basin	15-Aug-12	10	Yes	INC	4	20:00	23:59
188	RT	Bridging Schedules	SCE	LA Basin	19-Aug-12	40- 110	Yes	INC	3	21:00	23:59
189	RT	Bridging Schedules	SCE	LA Basin	20-Aug-12	25	Yes	INC	4	20:00	23:59
190	RT	Bridging Schedules	SCE	LA Basin	21-Aug-12	20- 40	Yes	INC	4	20:00	23:59
191	RT	Bridging Schedules	SCE	LA Basin	22-Aug-12	20- 45	Yes	INC	3	21:00	23:59
192	RT	Bridging Schedules	SCE	LA Basin	23-Aug-12	25	Yes	INC	2	22:00	23:59
193	RT	Bridging Schedules	SCE	LA Basin	28-Aug-12	315	No	DEC	1	20:50	20:59
194	RT	Bridging Schedules	SCE	LA Basin	28-Aug-12	20- 40	Yes	INC	3	21:00	23:59
195	RT	Bridging Schedules	SCE	LA Basin	29-Aug-12	25- 45	Yes	INC	4	20:00	23:59
196	RT	Bridging Schedules	SCE	LA Basin	30-Aug-12	40	No	INC	2	22:00	23:59
197	RT	Bridging Schedules	SDG&E	San Diego	11-Aug-12	20	Yes	INC	3	21:00	23:59
198	RT	Bridging Schedules	SDG&E	San Diego	12-Aug-12	20	Yes	INC	12	0:00	11:59
199	RT	Bridging Schedules	SDG&E	San Diego	14-Aug-12	20- 60	No	INC	5	19:00	23:59
200	RT	Bridging Schedules	SDG&E	San Diego	15-Aug-12	20- 60	No	INC	4	20:00	23:59
201	RT	Bridging Schedules	SDG&E	San Diego	16-Aug-12	20- 60	Yes	INC	5	19:00	23:59
202	RT	Bridging Schedules	SDG&E	San Diego	17-Aug-12	20	No	INC	4	20:00	23:59
203	RT	Bridging Schedules	SDG&E	San Diego	18-Aug-12	20	No	INC	9	0:00	8:59
204	RT	Bridging Schedules	SDG&E	San Diego	22-Aug-12	60	Yes	INC	5	19:00	23:59
205	RT	Bridging Schedules	SDG&E	San Diego	23-Aug-12	40	No	INC	6	18:00	23:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
206	RT	Bridging Schedules	SDG&E	San Diego	24-Aug-12	20- 60	Yes	INC	3	21:00	23:59
207	RT	Bridging Schedules	SDG&E	San Diego	28-Aug-12	20- 60	No	INC	5	19:00	23:59
208	RT	Bridging Schedules	SDG&E	San Diego	29-Aug-12	60	No	INC	3	21:00	23:59
209	RT	Bridging Schedules	SDG&E	San Diego	30-Aug-12	20- 40	Yes	INC	3	21:00	23:59
210	RT	COI Mitigation	PG&E	N/A	8-Aug-12	600	No	INC	1	12:15	12:59
211	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	6-Aug-12	660	No	INC	1	23:20	23:59
212	RT	Conditions beyond control of the CAISO BA	SDG&E	N/A	7-Aug-12	675- 725	No	INC	2	0:00	1:59
213	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	23-Aug-12	20- 40	Yes	INC	24	0:00	23:59
214	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	24-Aug-12	40	Yes	INC	24	0:00	23:59
215	RT	Conditions beyond control of the CAISO BA	SDG&E	San Diego	30-Aug-12	40	Yes	INC	24	0:00	23:59
216	RT	Generation Outage	PG&E	Fresno	30-Aug-12	2	Yes	DEC	2	4:20	5:59
217	RT	Generation Outage	PG&E	Fresno	30-Aug-12	15- 51	Yes	INC	4	2:12	5:59
218	RT	Generation Outage	SCE	LA Basin	11-Aug-12	91	No	DEC	1	15:15	15:59
219	RT	Intertie Emergency Assistance	Intertie	N/A	10-Aug-12	135- 170	No	INC	2	12:00	13:59
220	RT	Intertie Emergency Assistance	Intertie	N/A	20-Aug-12	160	No	INC	2	13:44	14:59
221	RT	Load Forecast Uncertainty	PG&E	Bay Area	9-Aug-12	45	Yes	INC	7	17:00	23:59
222	RT	Load Forecast Uncertainty	PG&E	Bay Area	10-Aug-12	45	Yes	INC	13	11:00	23:59
223	RT	Load Forecast Uncertainty	PG&E	Bay Area	15-Aug-12	85	Yes	INC	24	0:00	23:59
224	RT	Load Forecast Uncertainty	SCE	LA Basin	13-Aug-12	130	Yes	INC	2	14:00	15:59
225	RT	Load Forecast Uncertainty	SCE	LA Basin	14-Aug-12	110- 130	Yes	INC	24	0:00	23:59
226	RT	Load Forecast Uncertainty	SCE	LA Basin	15-Aug-12	230	Yes	INC	24	0:00	23:59
227	RT	Load Forecast Uncertainty	SCE	LA Basin	17-Aug-12	231	Yes	INC	24	0:00	23:59
228	RT	Load Forecast Uncertainty	SCE	LA Basin	21-Aug-12	130- 155	Yes	INC	24	0:00	23:59
229	RT	Load Forecast Uncertainty	SCE	LA Basin	27-Aug-12	130- 150	Yes	INC	24	0:00	23:59
230	RT	Load Forecast Uncertainty	SCE	LA Basin	30-Aug-12	40	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
231	RT	Load Forecast Uncertainty	SCE	LA Basin	31-Aug-12	150	Yes	INC	24	0:00	23:59
232	RT	Market Disruption	PG&E	Fresno	21-Aug-12	400	Yes	INC	2	11:16	12:59
233	RT	Market Disruption	SCE	LA Basin	21-Aug-12	300	Yes	INC	4	11:28	14:59
234	RT	Market disruption	PG&E	Fresno	21-Aug-12	120- 137	Yes	DEC	1	13:00	13:59
235	RT	Market disruption	PG&E	Fresno	21-Aug-12	200	Yes	INC	1	12:25	12:59
236	RT	Over Generation	PG&E	Fresno	2-Aug-12	125- 250	Yes	INC	1	21:14	21:59
237	RT	Over Generation	PG&E	N/A	2-Aug-12	300	No	DEC	1	21:25	21:43
238	RT	Ramp Rate	SCE	LA Basin	28-Aug-12	190	No	INC	4	14:20	17:59
239	RT	Ramp Rate	SDG&E	San Diego	25-Aug-12	132	No	INC	12	10:00	21:59
240	RT	Risk Predictor	SCE	LA Basin	18-Aug-12	140	No	INC	24	0:00	23:59
241	RT	Risk Predictor	SDG&E	San Diego	2-Aug-12	20	No	INC	24	0:00	23:59
242	RT	SCE SOB 204	SCE	Big Creek-Ventura	1-Aug-12	100- 142	No	INC	2	20:10	21:29
243	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Aug-12	10- 50	No	DEC	6	15:25	20:59
244	RT	SCE SOB 204	SCE	Big Creek-Ventura	2-Aug-12	140	No	INC	7	15:00	21:59
245	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Aug-12	15- 140	No	DEC	9	15:40	23:29
246	RT	SCE SOB 204	SCE	Big Creek-Ventura	3-Aug-12	35- 160	No	INC	8	15:40	22:59
247	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Aug-12	15- 35	No	DEC	2	21:55	22:59
248	RT	SCE SOB 204	SCE	Big Creek-Ventura	4-Aug-12	15- 185	No	INC	3	19:00	21:59
249	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Aug-12	5	No	DEC	1	21:40	21:59
250	RT	SCE SOB 204	SCE	Big Creek-Ventura	5-Aug-12	15	No	INC	1	21:20	21:59
251	RT	SCE SOB 204	SCE	Big Creek-Ventura	10-Aug-12	10- 127	No	DEC	2	12:30	13:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
252	RT	SCE SOB 204	SCE	Big Creek-Ventura	10-Aug-12	20- 395	No	INC	11	13:45	23:29
253	RT	SCE SOB 204	SCE	Big Creek-Ventura	11-Aug-12	5	No	DEC	1	23:50	23:59
254	RT	SCE SOB 204	SCE	Big Creek-Ventura	11-Aug-12	70- 345	No	INC	23	1:25	23:59
255	RT	SCE SOB 204	SCE	Big Creek-Ventura	12-Aug-12	55- 160	No	DEC	21	0:00	20:59
256	RT	SCE SOB 204	SCE	Big Creek-Ventura	12-Aug-12	75- 170	No	INC	4	20:06	23:59
257	RT	SCE SOB 204	SCE	Big Creek-Ventura	13-Aug-12	5- 15	No	DEC	5	7:10	11:59
258	RT	SCE SOB 204	SCE	Big Creek-Ventura	13-Aug-12	35- 260	No	INC	14	10:25	23:59
259	RT	SCE SOB 204	SCE	Big Creek-Ventura	14-Aug-12	3- 235	No	INC	24	0:40	23:59
260	RT	SCE SOB 204	SCE	Big Creek-Ventura	15-Aug-12	25- 140	No	DEC	9	7:20	15:59
261	RT	SCE SOB 204	SCE	Big Creek-Ventura	15-Aug-12	10- 175	No	INC	13	11:25	23:29
262	RT	SCE SOB 204	SCE	Big Creek-Ventura	16-Aug-12	50- 79	No	DEC	3	14:35	16:59
263	RT	SCE SOB 204	SCE	Big Creek-Ventura	16-Aug-12	175	No	INC	11	13:10	23:59
264	RT	SCE SOB 204	SCE	Big Creek-Ventura	17-Aug-12	10- 110	No	DEC	11	11:25	21:59
265	RT	SCE SOB 204	SCE	Big Creek-Ventura	17-Aug-12	75	No	INC	10	12:50	21:59
266	RT	SCE SOB 204	SCE	Big Creek-Ventura	20-Aug-12	15- 30	No	DEC	5	17:00	21:59
267	RT	SCE SOB 204	SCE	Big Creek-Ventura	20-Aug-12	85	No	INC	5	17:00	21:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
268	RT	SCE SOB 204	SCE	Big Creek-Ventura	21-Aug-12	25	No	DEC	6	18:55	23:59
269	RT	SCE SOB 204	SCE	Big Creek-Ventura	21-Aug-12	125	No	INC	5	18:25	22:59
270	RT	SCE SOB 204	SCE	Big Creek-Ventura	22-Aug-12	27	No	DEC	2	21:50	22:59
271	RT	SCE SOB 204	SCE	Big Creek-Ventura	22-Aug-12	23- 75	No	INC	3	20:15	22:59
272	RT	SCE SOB 204	SCE	Big Creek-Ventura	23-Aug-12	55- 157	No	DEC	7	10:00	16:59
273	RT	SCE SOB 204	SCE	Big Creek-Ventura	23-Aug-12	183- 285	No	INC	8	16:50	23:59
274	RT	SCE SOB 204	SCE	Big Creek-Ventura	24-Aug-12	2- 77	No	DEC	23	1:30	23:59
275	RT	SCE SOB 204	SCE	Big Creek-Ventura	24-Aug-12	3- 263	No	INC	22	1:30	22:24
276	RT	SCE SOB 204	SCE	Big Creek-Ventura	25-Aug-12	49- 53	No	DEC	4	12:15	15:59
277	RT	SCE SOB 204	SCE	Big Creek-Ventura	25-Aug-12	5- 130	No	INC	10	12:15	21:59
278	RT	SCE SOB 204	SCE	Big Creek-Ventura	28-Aug-12	27	No	DEC	4	17:00	20:59
279	RT	SCE SOB 204	SCE	Big Creek-Ventura	29-Aug-12	2	No	DEC	1	19:25	19:44
280	RT	SCE SOB 204	SCE	Big Creek-Ventura	29-Aug-12	23	No	INC	3	19:45	21:59
281	RT	SCE SOB 204	SCE	Big Creek-Ventura	30-Aug-12	50- 150	No	DEC	2	22:25	23:54
282	RT	SCE SOB 204	SCE	Big Creek-Ventura	30-Aug-12	23- 223	No	INC	7	15:30	21:59
283	RT	SP26 Capacity	SCE	LA Basin	7-Aug-12	330- 360	Yes	INC	24	0:00	23:59
284	RT	SP26 Capacity	SCE	LA Basin	8-Aug-12	140- 160	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
285	RT	SP26 Capacity	SCE	LA Basin	9-Aug-12	130	Yes	INC	24	0:00	23:59
286	RT	SP26 Capacity	SCE	LA Basin	30-Aug-12	380	Yes	INC	13	9:00	21:59
287	RT	SP26 Capacity	SCE	LA Basin	31-Aug-12	190	Yes	INC	14	7:30	20:59
288	RT	SP26 Capacity	SDG&E	San Diego	19-Aug-12	20- 80	Yes	INC	24	0:00	23:59
289	RT	Software Limitation	PG&E	Fresno	1-Aug-12	589	Yes	DEC	1	5:00	5:59
290	RT	Software Limitation	PG&E	Fresno	1-Aug-12	45	Yes	INC	6	0:00	5:59
291	RT	Software Limitation	PG&E	Fresno	3-Aug-12	0	Yes	INC	24	0:30	23:39
292	RT	Software Limitation	PG&E	Fresno	6-Aug-12	0	Yes	INC	23	1:15	23:59
293	RT	Software Limitation	PG&E	Fresno	7-Aug-12	0	Yes	INC	24	0:00	23:59
294	RT	Software Limitation	PG&E	Fresno	8-Aug-12	0	Yes	INC	24	0:00	23:59
295	RT	Software Limitation	PG&E	Fresno	9-Aug-12	0	Yes	INC	24	0:00	23:59
296	RT	Software Limitation	PG&E	Fresno	10-Aug-12	0	Yes	INC	2	0:00	1:04
297	RT	Software Limitation	PG&E	Fresno	11-Aug-12	0	Yes	INC	1	23:07	23:59
298	RT	Software Limitation	PG&E	Fresno	12-Aug-12	0	Yes	INC	2	0:00	1:29
299	RT	Software Limitation	PG&E	Fresno	13-Aug-12	0	Yes	INC	4	3:35	6:59
300	RT	Software Limitation	PG&E	Fresno	14-Aug-12	0	Yes	INC	3	1:15	3:24
301	RT	Software Limitation	PG&E	Fresno	15-Aug-12	0	Yes	INC	3	2:10	4:09
302	RT	Software Limitation	PG&E	Fresno	21-Aug-12	320	No	DEC	2	1:10	2:07
303	RT	Software Limitation	PG&E	Fresno	21-Aug-12	0	No	INC	2	1:10	2:07
304	RT	Software Limitation	PG&E	Fresno	22-Aug-12	83	Yes	INC	1	0:10	0:29
305	RT	Software Limitation	PG&E	Fresno	24-Aug-12	0	No	INC	1	10:00	10:59
306	RT	Software Limitation	PG&E	Fresno	27-Aug-12	0	Yes	INC	2	19:46	20:29
307	RT	Software Limitation	PG&E	Fresno	28-Aug-12	0	Yes	INC	3	21:40	23:39
308	RT	Software Limitation	PG&E	Humboldt	11-Aug-12	13	No	INC	1	17:00	17:59
309	RT	Software Limitation	PG&E	N/A	4-Aug-12	0	Yes	INC	23	1:45	23:59
310	RT	Software Limitation	PG&E	N/A	5-Aug-12	0	Yes	INC	5	0:00	4:04
311	RT	Software Limitation	PG&E	N/A	9-Aug-12	0	Yes	INC	2	10:15	11:59
312	RT	Software Limitation	PG&E	N/A	11-Aug-12	0	Yes	INC	23	1:00	23:59
313	RT	Software Limitation	PG&E	N/A	12-Aug-12	0	Yes	INC	24	0:00	23:59

Num ber	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commit ment	INC_DEC	Hours	Begin Time	End Time
314	RT	Software Limitation	PG&E	N/A	13-Aug-12	0	No	INC	4	0:00	3:34
315	RT	Software Limitation	PG&E	Sierra	2-Aug-12	0	Yes	INC	2	22:55	23:54
316	RT	Software Limitation	PG&E	Sierra	9-Aug-12	1	No	DEC	2	14:16	15:20
317	RT	Software Limitation	PG&E	Stockton	25-Aug-12	0	Yes	INC	2	19:15	20:14
318	RT	Software Limitation	SCE	Big Creek- Ventura	8-Aug-12	149	No	DEC	3	14:55	16:54
319	RT	Software Limitation	SCE	Big Creek- Ventura	12-Aug-12	355	No	INC	1	0:05	0:12
320	RT	Software Limitation	SCE	Big Creek- Ventura	13-Aug-12	0	Yes	INC	2	21:55	22:24
321	RT	Software Limitation	SCE	Big Creek- Ventura	17-Aug-12	120	Yes	INC	4	20:00	23:59
322	RT	Software Limitation	SCE	Big Creek- Ventura	23-Aug-12	0	Yes	INC	1	2:10	2:39
323	RT	Software Limitation	SCE	LA Basin	3-Aug-12	0	Yes	INC	20	1:10	20:14
324	RT	Software Limitation	SCE	LA Basin	6-Aug-12	0	Yes	INC	3	19:55	21:19
325	RT	Software Limitation	SCE	LA Basin	7-Aug-12	0	Yes	INC	2	21:00	22:04
326	RT	Software Limitation	SCE	LA Basin	8-Aug-12	475	No	INC	1	0:00	0:47
327	RT	Software Limitation	SCE	LA Basin	9-Aug-12	0	Yes	INC	2	21:55	22:54
328	RT	Software Limitation	SCE	LA Basin	10-Aug-12	0	Yes	INC	2	21:10	22:09
329	RT	Software Limitation	SCE	LA Basin	15-Aug-12	170	No	INC	21	1:50	21:59
330	RT	Software Limitation	SCE	LA Basin	17-Aug-12	0	Yes	INC	2	19:15	20:14
331	RT	Software Limitation	SCE	LA Basin	18-Aug-12	40	No	INC	5	19:50	23:59
332	RT	Software Limitation	SCE	LA Basin	19-Aug-12	0	Yes	INC	2	19:25	20:24
333	RT	Software Limitation	SCE	LA Basin	20-Aug-12	0	Yes	INC	3	19:45	21:29
334	RT	Software Limitation	SCE	LA Basin	22-Aug-12	0	Yes	INC	3	21:40	23:59
335	RT	Software Limitation	SCE	LA Basin	23-Aug-12	0	Yes	INC	24	0:25	23:59
336	RT	Software Limitation	SCE	LA Basin	25-Aug-12	480	No	INC	2	20:20	21:59
337	RT	Software Limitation	SCE	LA Basin	27-Aug-12	0	Yes	INC	2	21:05	22:04
338	RT	Software Limitation	SCE	LA Basin	28-Aug-12	0	Yes	INC	2	20:30	21:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
339	RT	Software Limitation	SCE	LA Basin	29-Aug-12	0	Yes	INC	1	22:00	22:59
340	RT	Software Limitation	SCE	LA Basin	30-Aug-12	46- 92	No	DEC	2	18:20	19:19
341	RT	Software Limitation	SCE	LA Basin	30-Aug-12	0	No	INC	2	18:20	19:19
342	RT	Software Limitation	SCE	N/A	7-Aug-12	19- 39	No	DEC	2	22:40	23:59
343	RT	Software Limitation	SCE	N/A	16-Aug-12	420	No	DEC	3	16:06	18:59
344	RT	Software Limitation	SCE	N/A	16-Aug-12	70- 111	No	INC	6	10:30	15:59
345	RT	Software Limitation	SDG&E	San Diego	12-Aug-12	20	No	INC	2	13:30	14:59
346	RT	Software Limitation	SDG&E	San Diego	13-Aug-12	0	Yes	INC	2	21:30	22:29
347	RT	Software Limitation	SDG&E	San Diego	27-Aug-12	45- 198	No	DEC	2	1:55	2:39
348	RT	Software Limitation	SDG&E	San Diego	29-Aug-12	0	Yes	INC	2	18:55	19:54
349	RT	Software Limitation	SDG&E	San Diego	30-Aug-12	20	No	INC	1	21:00	21:19
350	RT	System Energy	Intertie	N/A	9-Aug-12	2	No	INC	1	20:00	20:59
351	RT	System Energy	Intertie	N/A	10-Aug-12	159	No	DEC	1	23:00	23:59
352	RT	System Reliability	SCE	LA Basin	16-Aug-12	80- 210	Yes	INC	24	0:00	23:59
353	RT	Transmission Mitigation	PG&E	Fresno	9-Aug-12	30	No	DEC	2	14:02	15:59
354	RT	Transmission Outage PG&E	PG&E	Fresno	1-Aug-12	32	No	INC	5	10:00	14:59
355	RT	Transmission Outage PG&E	PG&E	Fresno	2-Aug-12	32- 64	No	INC	15	9:15	23:59
356	RT	Transmission Outage PG&E	PG&E	Fresno	3-Aug-12	32- 64	No	INC	15	9:30	23:59
357	RT	Transmission Outage PG&E	PG&E	Fresno	4-Aug-12	32	No	INC	14	0:00	13:59
358	RT	Transmission Outage PG&E	PG&E	Fresno	5-Aug-12	32	No	INC	10	13:20	22:59
359	RT	Transmission Outage PG&E	PG&E	Fresno	6-Aug-12	32- 64	No	INC	13	11:10	23:29
360	RT	Transmission Outage PG&E	PG&E	Fresno	8-Aug-12	32- 64	No	INC	15	9:09	23:59
361	RT	Transmission Outage PG&E	PG&E	Fresno	9-Aug-12	32- 80	No	INC	17	7:40	23:59
362	RT	Transmission Outage PG&E	PG&E	Fresno	10-Aug-12	32	No	INC	5	7:20	11:19
363	RT	Transmission Outage PG&E	PG&E	Fresno	11-Aug-12	32- 64	No	INC	16	8:15	23:59
364	RT	Transmission Outage PG&E	PG&E	Fresno	25-Aug-12	0	No	INC	1	8:30	8:59
365	RT	Transmission Outage PG&E	PG&E	Humboldt	7-Aug-12	29	No	INC	3	20:21	22:59
366	RT	Transmission Outage PG&E	PG&E	Humboldt	8-Aug-12	16	No	INC	5	6:10	10:59
367	RT	Transmission Outage PG&E	PG&E	Humboldt	9-Aug-12	48	No	INC	7	12:47	18:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
368	RT	Transmission Outage PG&E	PG&E	Humboldt	10-Aug-12	73	No	INC	2	14:31	15:59
369	RT	Transmission Outage PG&E	PG&E	Humboldt	13-Aug-12	45	No	INC	13	6:00	18:59
370	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Aug-12	16	No	INC	1	23:00	23:59
371	RT	Transmission Outage PG&E	PG&E	Humboldt	15-Aug-12	16	No	INC	1	0:00	0:59
372	RT	Transmission Outage PG&E	PG&E	N/A	15-Aug-12	13- 16	No	DEC	6	17:14	22:59
373	RT	Transmission Outage PG&E	PG&E	N/A	15-Aug-12	10- 52	No	INC	6	17:30	22:59
374	RT	Transmission Outage SDG&E	SDG&E	San Diego	16-Aug-12	0	No	INC	1	14:00	14:31
375	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Aug-12	43- 50	Yes	DEC	3	11:50	13:29
376	RT	Transmission Outage SDG&E	SDG&E	San Diego	31-Aug-12	21	Yes	INC	3	11:50	13:29
377	RT	Unit Testing	PG&E	Bay Area	14-Aug-12	200	Yes	INC	3	21:00	23:59
378	RT	Unit Testing	PG&E	Bay Area	15-Aug-12	200	Yes	INC	24	0:00	23:59
379	RT	Unit Testing	PG&E	N/A	4-Aug-12	94- 100	No	INC	4	8:35	11:59
380	RT	Unit Testing	PG&E	N/A	22-Aug-12	98	Yes	INC	5	12:15	16:59
381	RT	Unit Testing	PG&E	N/A	29-Aug-12	280	No	INC	7	15:15	21:59
382	RT	Unit Testing	PG&E	N/A	30-Aug-12	280	No	INC	16	8:00	23:59
383	RT	Voltage Support	PG&E	Fresno	1-Aug-12	64	No	INC	10	14:05	23:59
384	RT	Voltage Support	PG&E	Fresno	4-Aug-12	32- 80	No	INC	11	13:15	23:29
385	RT	Voltage Support	PG&E	Fresno	7-Aug-12	32- 64	No	INC	14	10:10	23:59
386	RT	Voltage Support	PG&E	Fresno	8-Aug-12	32	No	INC	1	0:00	0:59
387	RT	Voltage Support	PG&E	Fresno	9-Aug-12	32	No	INC	2	0:00	1:29
388	RT	Voltage Support	PG&E	Fresno	10-Aug-12	32- 64	No	INC	24	0:00	23:59
389	RT	Voltage Support	PG&E	Fresno	11-Aug-12	32	No	INC	3	0:00	2:59
390	RT	Voltage Support	PG&E	Fresno	12-Aug-12	32	No	INC	24	0:00	23:59
391	RT	Voltage Support	PG&E	Fresno	13-Aug-12	32- 64	No	INC	16	8:00	23:59
392	RT	Voltage Support	PG&E	Fresno	14-Aug-12	32- 64	No	INC	24	0:00	23:59
393	RT	Voltage Support	PG&E	Fresno	15-Aug-12	32- 64	No	INC	24	0:00	23:59
394	RT	Voltage Support	PG&E	Fresno	16-Aug-12	32- 64	No	INC	16	8:02	23:59
395	RT	Voltage Support	PG&E	Fresno	17-Aug-12	32- 84	No	INC	24	0:00	23:59
396	RT	Voltage Support	PG&E	Fresno	18-Aug-12	32- 84	No	INC	14	10:10	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
397	RT	Voltage Support	PG&E	Fresno	19-Aug-12	32	No	INC	10	13:10	22:59
398	RT	Voltage Support	PG&E	Fresno	20-Aug-12	32	No	INC	15	9:55	23:59
399	RT	Voltage Support	PG&E	Fresno	21-Aug-12	32- 64	No	INC	14	10:45	23:59
400	RT	Voltage Support	PG&E	Fresno	22-Aug-12	32- 64	No	INC	16	8:15	23:59
401	RT	Voltage Support	PG&E	Fresno	23-Aug-12	32- 64	No	INC	16	8:00	23:59
402	RT	Voltage Support	PG&E	Fresno	24-Aug-12	32- 84	No	INC	24	0:00	23:59
403	RT	Voltage Support	PG&E	Fresno	25-Aug-12	32- 64	No	INC	23	0:00	22:59
404	RT	Voltage Support	PG&E	Fresno	26-Aug-12	32	No	INC	8	15:50	22:59
405	RT	Voltage Support	PG&E	Fresno	27-Aug-12	32	No	INC	11	13:27	23:59
406	RT	Voltage Support	PG&E	Fresno	28-Aug-12	32- 64	No	INC	14	10:40	23:24
407	RT	Voltage Support	PG&E	Fresno	29-Aug-12	32- 64	No	INC	14	10:00	23:54
408	RT	Voltage Support	PG&E	Fresno	30-Aug-12	32- 64	No	INC	15	9:40	23:59
409	RT	Voltage Support	PG&E	Fresno	31-Aug-12	32	No	INC	11	13:25	23:59
410	RT	Voltage Support	SCE	LA Basin	18-Aug-12	36- 72	No	INC	11	12:31	22:29
411	RT	Voltage Support	SCE	LA Basin	25-Aug-12	36	Yes	INC	4	13:10	16:59
412	RT	Weather	PG&E	Bay Area	11-Aug-12	45	Yes	INC	24	0:00	23:59
413	RT	Weather	PG&E	Bay Area	12-Aug-12	45	Yes	INC	24	0:00	23:59
414	RT	Weather	PG&E	Bay Area	13-Aug-12	85	No	INC	8	16:00	23:59
415	RT	Weather	SCE	LA Basin	10-Aug-12	0	No	INC	1	19:55	19:59
416	RT	Weather	SCE	LA Basin	11-Aug-12	80	Yes	INC	24	0:00	23:59
417	RT	Weather	SCE	LA Basin	12-Aug-12	80	Yes	INC	24	0:00	23:59
418	RT	Weather	SDG&E	San Diego	1-Aug-12	20	No	INC	10	0:00	9:59
419	RT	Weather	SDG&E	San Diego	11-Aug-12	40- 60	Yes	INC	24	0:00	23:59
420	RT	Weather	SDG&E	San Diego	12-Aug-12	20	Yes	INC	24	0:00	23:59

Appendix A: Explanation by Example

All examples listed below are based on fictitious data.

Example 1: Exceptional Dispatch Instructions Prior to DAM

In this fictitious example the ISO issued an exceptional dispatch instruction for resource A to be committed at its physical minimum (Pmin) of 50 MW from hours ending 5 through 10 for a generation procedure 7630. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally, exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load.

Table 2: Instructions Prior to Day-Ahead Market

Date	Market	Resource	Location	Local Reliability Area (LRA)	Begin Time	End Time	Dispatch Level (MW)	Reason
01-Jul-09	DA	A	SCE	LA BASIN	05:00	10:00	50	7630
01-Jul-09	DA	B	SCE	LA BASIN	08:00	20:00	30	7630
01-Jul-09	DA	C	SCE	LA BASIN	09:00	23:00	20	7630

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

Table 3: FERC Summary of Instructions Prior to DAM

Number	Market Type	Reason	Location	Local Reliability Area (LRA)	Trade Date	MW	Commitment	INC/DEC	Hour	Begin Time	End Time
1	DA	7630	SCE	LA Basin	1-Jul-09	20-100	Yes	N/A	19	05:00	23:00

Example 2: Incremental Exceptional Dispatch Instructions in RTM

In this fictitious example the ISO issued an exceptional dispatch instruction to resource A to be committed at its Pmin of 30 MW from hours ending 7 through 11 after completion of the day-ahead market for the transmission procedure 7110. This resource did not have a day-ahead award in those hours. The ISO issued another exceptional dispatch instruction to resource B, to be dispatched at 40 MW from hours ending 8 through 9 in real-time for the transmission procedure 7110. This resource had a day-ahead schedule of 20 MW from the day-ahead market, which implies that this exceptional dispatch instruction was an incremental instruction and the exceptional dispatch MW was 20 MW. Similarly, the details of exceptional dispatch (ED) instruction for resource C are shown in Table 4.

Table 4: Incremental Exceptional Dispatch Instructions in RTM

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

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

Table 5: FERC Summary of ED Instructions in RTM

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

Example 3: Decremental Exceptional Dispatch Instructions in RTM

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

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

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 15th day of October 2012.

Anna Pascuzzo

Anna Pascuzzo