June 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-___
April 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 April, 2012.

Respectfully submitted,

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Exceptional Dispatch Report

Table 1: April 2012

ISO Market Analysis and Development June 15, 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 April 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 dispatch[1]. A pre-day-ahead commitment is an exceptional dispatch instruction that commits a resource at or above its physical minimum operating level in the day-ahead market. A post-day-ahead market commitment is an exceptional dispatch instruction that commits a resource at or above its physical minimum operating level in the real-time market. A real-time exceptional dispatch instruction is a dispatch of a resource at or above its physical minimum operating point. For the purposes of this report, a real-time exceptional dispatch above the resource day-ahead award is considered an incremental exceptional dispatch instruction and an exceptional dispatch below the day-ahead award is considered a decremental dispatch instruction.

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

Many of the exceptional dispatches listed below in Table 1, were to satisfy either a local area or system reliability requirements, and are classified into local generation requirements, transmission management requirements, non-modeled transmission outages or other requirements, such as ramp requirements and intertie emergency assistance. All 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 website[2].

[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 April 2012, the ISO issued exceptional dispatches for the following transmission management requirements: (1) 6610, Lugo-Victorville 500 kV line and Sylmar Transformer Banks Operation; (2) 7110, transmission facilities in Humboldt area; (3) 7240, Drum Area/Summit Operations; (4) 7320, transmission facilities in Bay Area; (5) 7430, transmission facilities in Fresno area; (6) 7820, transmission facilities in San Diego and Imperial Valley area; and (7) other transmission outages in PG&E, SCE and SDG&E area.

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

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

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

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

Table 1 indicates that there were a total of 328 exceptional dispatches in April 2012, increasing by 66 as compared to the May 15, 2012 report for March 2012. There were no exceptional dispatchs in the day-ahead market. Exceptional dispatches issued for the following reasons accounted for approximately 62 percent of the total exceptional dispatches during the reporting period: Transmission Outage SCE, Ramp Rate, Software Limitation, and 7430.

Table 1: Exceptional Dispatches in April 2012

California Independent System Operator Corporation
Exceptional Dispatch Report
June 15, 2012

Chart 1: Table of Exceptional Dispatches for Period 01/April/2012 – 30/April/2012

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
1	RT	6610	PG&E	Humboldt	1-Apr-12	44- 48	No	INC	6	17:45	22:14
2	RT	7110	PG&E	Humboldt	1-Apr-12	30- 123	No	INC	23	0:00	22:14
3	RT	7110	PG&E	Humboldt	2-Apr-12	48	No	INC	2	8:15	9:59
4	RT	7110	PG&E	Humboldt	5-Apr-12	16	No	INC	4	20:09	23:29
5	RT	7110	PG&E	Humboldt	6-Apr-12	32	No	INC	7	0:00	6:59
6	RT	7110	PG&E	Humboldt	9-Apr-12	29	No	INC	2	13:55	14:39
7	RT	7110	PG&E	Humboldt	12-Apr-12	96- 128	No	INC	5	19:03	23:58
8	RT	7110	PG&E	Humboldt	13-Apr-12	80- 112	No	INC	24	0:00	23:59
9	RT	7110	PG&E	Humboldt	17-Apr-12	29- 58	No	INC	2	20:51	21:14
10	RT	7240	PG&E	Sierra	29-Apr-12	3- 22	No	INC	5	14:20	18:59
11	RT	7320	PG&E	Bay Area	9-Apr-12	20	No	INC	2	20:04	21:59
12	RT	7320	PG&E	Bay Area	25-Apr-12	19- 37	Yes	INC	3	19:27	21:59
13	RT	7430	PG&E	Fresno	3-Apr-12	5	Yes	DEC	6	9:20	14:59
14	RT	7430	PG&E	Fresno	3-Apr-12	60	Yes	INC	6	9:20	14:59
15	RT	7430	PG&E	Fresno	7-Apr-12	25- 35	Yes	DEC	3	19:11	21:59
16	RT	7430	PG&E	Fresno	7-Apr-12	60	Yes	INC	3	20:05	22:59
17	RT	7430	PG&E	Fresno	8-Apr-12	12- 15	Yes	DEC	4	19:00	22:59
18	RT	7430	PG&E	Fresno	8-Apr-12	70	Yes	INC	2	21:55	22:59
19	RT	7430	PG&E	Fresno	9-Apr-12	15	Yes	DEC	9	13:10	21:59
20	RT	7430	PG&E	Fresno	9-Apr-12	5- 70	Yes	INC	16	6:25	21:59
21	RT	7430	PG&E	Fresno	10-Apr-12	0	No	INC	2	19:40	20:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
22	RT	7430	PG&E	Fresno	12-Apr-12	38	Yes	DEC	2	20:17	21:07
23	RT	7430	PG&E	Fresno	12-Apr-12	32	Yes	INC	2	20:17	21:07
24	RT	7430	PG&E	Fresno	19-Apr-12	72	Yes	INC	1	23:38	23:58
25	RT	7430	PG&E	Fresno	20-Apr-12	72	Yes	INC	24	0:00	23:59
26	RT	7430	PG&E	Fresno	21-Apr-12	303	Yes	INC	8	0:00	7:59
27	RT	7430	PG&E	Fresno	23-Apr-12	17	No	DEC	2	17:20	18:59
28	RT	7430	PG&E	Fresno	23-Apr-12	10- 200	Yes	INC	6	16:45	21:59
29	RT	7430	PG&E	Fresno	24-Apr-12	43	No	INC	1	23:37	23:59
30	RT	7430	PG&E	Fresno	25-Apr-12	3- 38	Yes	DEC	22	0:00	21:59
31	RT	7430	PG&E	Fresno	25-Apr-12	0	No	INC	1	0:00	0:59
32	RT	7430	PG&E	Fresno	26-Apr-12	5- 9	No	DEC	14	8:45	21:59
33	RT	7430	PG&E	Fresno	27-Apr-12	5- 107	Yes	DEC	15	8:16	22:37
34	RT	7430	PG&E	Fresno	27-Apr-12	41- 75	Yes	INC	15	8:16	22:59
35	RT	7430	PG&E	Fresno	28-Apr-12	2- 6	Yes	DEC	13	9:19	21:59
36	RT	7430	PG&E	Fresno	28-Apr-12	46- 264	Yes	INC	13	11:25	23:59
37	RT	7430	PG&E	Fresno	29-Apr-12	1- 12	Yes	DEC	16	8:15	23:59
38	RT	7430	PG&E	Fresno	29-Apr-12	364	Yes	INC	24	0:00	23:59
39	RT	7430	PG&E	Fresno	30-Apr-12	1- 9	Yes	DEC	16	7:20	22:59
40	RT	7430	PG&E	Fresno	30-Apr-12	49- 405	Yes	INC	17	7:07	23:59
41	RT	7820	SDG&E	N/A	28-Apr-12	65	No	INC	5	2:25	6:59
42	RT	7820	SDG&E	San Diego	25-Apr-12	99	No	INC	2	19:27	20:01
43	RT	7820	SDG&E	San Diego	27-Apr-12	225- 500	No	INC	14	8:55	21:06
44	RT	Bridging Schedules	PG&E	N/A	12-Apr-12	52	No	INC	6	18:00	23:59
45	RT	Bridging Schedules	SCE	LA Basin	13-Apr-12	130	Yes	INC	17	2:00	18:59
46	RT	COI Mitigation	Intertie	N/A	3-Apr-12	150	No	DEC	2	14:12	15:59
47	RT	COI Mitigation	Intertie	N/A	5-Apr-12	50	No	DEC	2	3:50	4:59
48	RT	COI Mitigation	Intertie	N/A	7-Apr-12	56- 100	No	DEC	19	5:00	23:59
49	RT	COI Mitigation	Intertie	N/A	8-Apr-12	46- 84	No	DEC	20	3:00	22:59
50	RT	COI Mitigation	Intertie	N/A	13-Apr-12	100- 200	No	DEC	4	9:11	12:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
51	RT	COI Mitigation	Intertie	N/A	14-Apr-12	200	No	DEC	2	14:20	15:59
52	RT	COI Mitigation	Intertie	N/A	18-Apr-12	110	No	DEC	1	16:20	16:59
53	RT	COI Mitigation	Intertie	N/A	20-Apr-12	150	No	DEC	2	9:47	10:59
54	RT	COI Mitigation	PG&E	Bay Area	13-Apr-12	253	No	INC	14	10:11	23:59
55	RT	COI Mitigation	PG&E	Fresno	7-Apr-12	303	No	INC	2	4:55	5:14
56	RT	COI Mitigation	PG&E	Fresno	13-Apr-12	83- 523	Yes	INC	7	9:06	15:59
57	RT	COI Mitigation	PG&E	N/A	13-Apr-12	197	No	INC	4	9:14	12:02
58	RT	COI Mitigation	SDG&E	San Diego	13-Apr-12	68	No	INC	12	10:40	21:59
59	RT	Contingency	PG&E	Fresno	2-Apr-12	375	Yes	INC	4	0:40	3:24
60	RT	Contingency	SCE	Big Creek-Ventura	2-Apr-12	64- 184	Yes	INC	3	0:40	2:06
61	RT	Contingency	SCE	LA Basin	2-Apr-12	47	Yes	INC	3	0:40	2:06
62	RT	Contingency	SDG&E	San Diego	2-Apr-12	190- 224	Yes	INC	3	0:40	2:44
63	RT	Dispatch Modification	SDG&E	San Diego	7-Apr-12	281- 455	No	INC	6	18:20	23:59
64	RT	Dispatch Modification	SDG&E	San Diego	8-Apr-12	281	No	INC	5	0:00	4:39
65	RT	Generation Outage	SCE	LA Basin	23-Apr-12	25	Yes	INC	12	12:00	23:59
66	RT	Intertie Emergency Assistance	Intertie	N/A	6-Apr-12	80	No	INC	1	7:05	7:59
67	RT	Intertie Emergency Assistance	Intertie	N/A	8-Apr-12	100	No	INC	1	15:46	15:59
68	RT	Intertie Emergency Assistance	Intertie	N/A	22-Apr-12	100	No	INC	1	16:30	16:59
69	RT	Load Forecast Uncertainty	PG&E	N/A	11-Apr-12	52	No	INC	6	18:00	23:59
70	RT	Load Forecast Uncertainty	PG&E	N/A	21-Apr-12	20	Yes	INC	5	17:05	21:59
71	RT	Load Forecast Uncertainty	SCE	LA Basin	21-Apr-12	0	Yes	DEC	5	16:25	20:59
72	RT	Load Forecast Uncertainty	SCE	LA Basin	21-Apr-12	94- 140	Yes	INC	6	16:25	21:29
73	RT	Load Forecast Uncertainty	SDG&E	San Diego	22-Apr-12	25	Yes	INC	3	16:15	18:59
74	RT	NP26 Capacity	PG&E	Bay Area	2-Apr-12	45	No	INC	1	23:00	23:59
75	RT	NP26 Capacity	PG&E	Bay Area	3-Apr-12	45	Yes	INC	24	0:00	23:59
76	RT	NP26 Capacity	PG&E	Bay Area	4-Apr-12	45	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
77	RT	NP26 Capacity	SCE	LA Basin	3-Apr-12	10	Yes	INC	5	19:00	23:59
78	RT	NP26 Capacity	SCE	LA Basin	4-Apr-12	169	Yes	DEC	24	0:00	23:59
79	RT	NP26 Capacity	SCE	LA Basin	4-Apr-12	0- 10	Yes	INC	24	0:00	23:59
80	RT	Path 15	Intertie	N/A	13-Apr-12	308	No	DEC	1	9:42	9:54
81	RT	Path 15	SCE	Big Creek-Ventura	13-Apr-12	0	No	INC	1	9:42	9:54
82	RT	Path 66	Intertie	N/A	14-Apr-12	200	No	DEC	5	14:00	18:59
83	RT	Ramp Rate	SCE	LA Basin	2-Apr-12	147- 161	No	DEC	5	17:00	21:59
84	RT	Ramp Rate	SCE	LA Basin	2-Apr-12	45	No	INC	5	17:00	21:59
85	RT	Ramp Rate	SCE	LA Basin	3-Apr-12	147- 161	No	DEC	14	8:00	21:59
86	RT	Ramp Rate	SCE	LA Basin	3-Apr-12	45	No	INC	15	7:55	21:59
87	RT	Ramp Rate	SCE	LA Basin	4-Apr-12	45	No	INC	3	18:00	20:59
88	RT	Ramp Rate	SCE	LA Basin	6-Apr-12	240	No	INC	6	15:30	20:59
89	RT	Ramp Rate	SCE	LA Basin	7-Apr-12	5	No	DEC	4	18:25	21:59
90	RT	Ramp Rate	SCE	LA Basin	7-Apr-12	38- 240	No	INC	4	18:25	21:59
91	RT	Ramp Rate	SCE	LA Basin	13-Apr-12	72	No	DEC	12	10:55	21:59
92	RT	Ramp Rate	SCE	LA Basin	13-Apr-12	45- 405	No	INC	12	10:55	21:59
93	RT	Ramp Rate	SCE	LA Basin	14-Apr-12	65- 445	No	INC	12	10:25	21:59
94	RT	Ramp Rate	SCE	LA Basin	15-Apr-12	361- 405	No	INC	5	17:00	21:59
95	RT	Ramp Rate	SCE	LA Basin	17-Apr-12	316- 380	No	INC	5	17:00	21:59
96	RT	Ramp Rate	SCE	LA Basin	21-Apr-12	234	No	DEC	8	14:30	21:59
97	RT	Ramp Rate	SCE	LA Basin	21-Apr-12	190- 410	No	INC	8	14:30	21:59
98	RT	Ramp Rate	SDG&E	San Diego	2-Apr-12	68	No	INC	5	17:00	21:59
99	RT	Ramp Rate	SDG&E	San Diego	14-Apr-12	68	No	INC	22	0:40	21:59
100	RT	Ramp Rate	SDG&E	San Diego	17-Apr-12	68	No	INC	3	19:55	21:59
101	RT	Ramp Rate	SDG&E	San Diego	18-Apr-12	68	No	INC	17	5:45	21:59
102	RT	Ramp Rate	SDG&E	San Diego	21-Apr-12	68	No	INC	14	8:25	21:59
103	RT	Ramp Rate	SDG&E	San Diego	22-Apr-12	68	No	INC	16	6:30	21:59
104	RT	SDG&E Import Limit	SDG&E	San Diego	25-Apr-12	99	No	INC	2	20:00	21:29

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
105	RT	SP26 Capacity	SCE	Big Creek-Ventura	13-Apr-12	125	No	INC	2	22:50	23:58
106	RT	SP26 Capacity	SCE	Big Creek-Ventura	14-Apr-12	125	No	INC	1	0:00	0:16
107	RT	SP26 Capacity	SCE	LA Basin	5-Apr-12	10- 30	Yes	INC	24	0:00	23:59
108	RT	SP26 Capacity	SCE	LA Basin	13-Apr-12	93- 457	Yes	INC	15	9:20	23:59
109	RT	SP26 Capacity	SCE	LA Basin	14-Apr-12	320- 455	Yes	INC	8	0:00	7:59
110	RT	SP26 Capacity	SCE	LA Basin	28-Apr-12	129	Yes	DEC	24	0:00	23:59
111	RT	SP26 Capacity	SCE	LA Basin	28-Apr-12	20	Yes	INC	24	0:00	23:59
112	RT	SP26 Capacity	SDG&E	San Diego	1-Apr-12	200- 281	Yes	INC	24	0:00	23:59
113	RT	SP26 Capacity	SDG&E	San Diego	3-Apr-12	25	Yes	INC	16	5:40	20:59
114	RT	SP26 Capacity	SDG&E	San Diego	25-Apr-12	63	No	INC	10	10:35	19:59
115	RT	Software Limitation	Intertie	N/A	5-Apr-12	0	No	INC	2	3:30	4:29
116	RT	Software Limitation	Intertie	N/A	15-Apr-12	0	No	INC	1	6:08	6:19
117	RT	Software Limitation	PG&E	Bay Area	30-Apr-12	0	No	INC	2	21:02	22:14
118	RT	Software Limitation	PG&E	Fresno	2-Apr-12	35	Yes	INC	2	7:45	8:29
119	RT	Software Limitation	PG&E	Fresno	10-Apr-12	0	Yes	INC	1	23:37	23:58
120	RT	Software Limitation	PG&E	Fresno	15-Apr-12	0	No	INC	1	6:08	6:21
121	RT	Software Limitation	PG&E	Fresno	16-Apr-12	320	No	INC	4	1:50	4:59
122	RT	Software Limitation	PG&E	N/A	9-Apr-12	0	No	INC	4	0:00	3:59
123	RT	Software Limitation	PG&E	N/A	10-Apr-12	50	No	DEC	4	0:00	3:59
124	RT	Software Limitation	PG&E	N/A	11-Apr-12	50	No	DEC	11	0:00	10:59
125	RT	Software Limitation	PG&E	N/A	11-Apr-12	0	No	INC	11	0:00	10:59
126	RT	Software Limitation	PG&E	N/A	14-Apr-12	0	No	INC	1	1:30	1:59
127	RT	Software Limitation	SCE	Big Creek-Ventura	13-Apr-12	64	Yes	INC	15	9:20	23:34
128	RT	Software Limitation	SCE	Big Creek-Ventura	20-Apr-12	0	Yes	INC	1	23:05	23:34
129	RT	Software Limitation	SCE	LA Basin	2-Apr-12	46	Yes	DEC	2	7:15	8:29
130	RT	Software Limitation	SCE	LA Basin	2-Apr-12	0	Yes	INC	1	23:20	23:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
131	RT	Software Limitation	SCE	LA Basin	3-Apr-12	36	Yes	INC	4	6:43	9:29
132	RT	Software Limitation	SCE	LA Basin	9-Apr-12	0	Yes	INC	2	22:20	23:19
133	RT	Software Limitation	SCE	LA Basin	13-Apr-12	66	Yes	INC	15	9:20	23:34
134	RT	Software Limitation	SCE	LA Basin	14-Apr-12	0	Yes	INC	2	0:25	1:24
135	RT	Software Limitation	SCE	LA Basin	16-Apr-12	0	Yes	INC	1	15:00	15:59
136	RT	Software Limitation	SCE	LA Basin	17-Apr-12	0	Yes	INC	5	15:30	19:29
137	RT	Software Limitation	SCE	LA Basin	18-Apr-12	0	Yes	INC	9	10:55	18:59
138	RT	Software Limitation	SCE	LA Basin	20-Apr-12	0	Yes	INC	2	21:25	22:24
139	RT	Software Limitation	SCE	LA Basin	22-Apr-12	0	Yes	INC	2	21:40	22:39
140	RT	Software Limitation	SCE	LA Basin	25-Apr-12	0	Yes	INC	1	23:05	23:34
141	RT	Software Limitation	SCE	LA Basin	28-Apr-12	0	Yes	INC	2	12:40	13:09
142	RT	Software Limitation	SCE	N/A	3-Apr-12	348- 356	Yes	DEC	2	9:30	10:29
143	RT	Software Limitation	SDG&E	San Diego	2-Apr-12	0	Yes	INC	4	2:40	5:14
144	RT	Software Limitation	SDG&E	San Diego	3-Apr-12	200- 523	No	INC	9	9:15	17:54
145	RT	Software Limitation	SDG&E	San Diego	5-Apr-12	0	Yes	INC	1	23:15	23:59
146	RT	Software Limitation	SDG&E	San Diego	6-Apr-12	0	No	INC	1	0:00	0:14
147	RT	Software Limitation	SDG&E	San Diego	9-Apr-12	0	Yes	INC	2	21:45	22:44
148	RT	Software Limitation	SDG&E	San Diego	13-Apr-12	50	No	DEC	1	14:10	14:59
149	RT	Software Limitation	SDG&E	San Diego	13-Apr-12	29	Yes	INC	15	9:20	23:34
150	RT	Software Limitation	SDG&E	San Diego	26-Apr-12	0	Yes	INC	2	0:35	1:14
151	RT	Software Limitation	SDG&E	San Diego	30-Apr-12	0	Yes	INC	2	15:51	16:50
152	RT	Stranded A/S or RUC	SCE	LA Basin	21-Apr-12	88	No	DEC	1	15:00	15:59
153	RT	System Energy	Intertie	N/A	7-Apr-12	150	Yes	INC	2	7:00	8:59
154	RT	System Energy	Intertie	N/A	17-Apr-12	175	Yes	INC	1	23:00	23:59
155	RT	System Energy	Intertie	N/A	19-Apr-12	85	No	DEC	1	0:00	0:59
156	RT	System Energy	Intertie	N/A	19-Apr-12	100	No	INC	1	0:00	0:59
157	RT	System Energy	Intertie	N/A	20-Apr-12	25- 50	No	INC	3	16:00	18:59
158	RT	System Energy	Intertie	N/A	22-Apr-12	25	No	INC	4	15:00	18:59
159	RT	Transmission Outage Other	PG&E	Bay Area	1-Apr-12	605	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
160	RT	Transmission Outage Other	PG&E	Bay Area	19-Apr-12	35- 85	No	DEC	5	19:10	23:59
161	RT	Transmission Outage Other	PG&E	Bay Area	19-Apr-12	380- 830	No	INC	11	13:05	23:59
162	RT	Transmission Outage Other	PG&E	Bay Area	20-Apr-12	865-1160	No	INC	24	0:00	23:59
163	RT	Transmission Outage PG&E	PG&E	Bay Area	14-Apr-12	433	Yes	INC	24	0:00	23:59
164	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Apr-12	35	No	DEC	5	15:00	19:59
165	RT	Transmission Outage PG&E	PG&E	Bay Area	19-Apr-12	450- 500	No	INC	12	12:15	23:59
166	RT	Transmission Outage PG&E	PG&E	Bay Area	20-Apr-12	650	No	INC	1	0:00	0:59
167	RT	Transmission Outage PG&E	PG&E	Bay Area	24-Apr-12	20	Yes	INC	9	14:10	22:59
168	RT	Transmission Outage PG&E	PG&E	Fresno	28-Apr-12	83	Yes	INC	3	13:31	15:59
169	RT	Transmission Outage PG&E	PG&E	Humboldt	5-Apr-12	32	No	INC	5	17:40	21:59
170	RT	Transmission Outage PG&E	PG&E	Humboldt	14-Apr-12	32- 96	No	INC	9	0:00	8:55
171	RT	Transmission Outage PG&E	PG&E	Humboldt	18-Apr-12	45	No	INC	13	8:00	20:59
172	RT	Transmission Outage PG&E	PG&E	Humboldt	26-Apr-12	32- 80	No	INC	13	11:30	23:59
173	RT	Transmission Outage PG&E	PG&E	Humboldt	27-Apr-12	32- 64	No	INC	24	0:00	23:59
174	RT	Transmission Outage PG&E	PG&E	Humboldt	28-Apr-12	32- 76	No	INC	24	0:00	23:59
175	RT	Transmission Outage PG&E	PG&E	Humboldt	29-Apr-12	48- 90	No	INC	24	0:00	23:59
176	RT	Transmission Outage PG&E	PG&E	Humboldt	30-Apr-12	29- 80	No	INC	24	0:00	23:59
177	RT	Transmission Outage PG&E	PG&E	Sierra	3-Apr-12	24- 25	No	DEC	5	18:45	22:59
178	RT	Transmission Outage PG&E	PG&E	Sierra	3-Apr-12	7- 108	No	INC	5	18:00	22:59
179	RT	Transmission Outage PG&E	PG&E	Sierra	4-Apr-12	20	No	DEC	8	16:47	23:59
180	RT	Transmission Outage PG&E	PG&E	Sierra	5-Apr-12	8- 38	No	DEC	18	6:00	23:59
181	RT	Transmission Outage PG&E	PG&E	Sierra	13-Apr-12	14	No	INC	2	11:10	12:47
182	RT	Transmission Outage PG&E	PG&E	Sierra	14-Apr-12	26- 46	No	DEC	9	1:35	9:59
183	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Apr-12	51- 76	No	DEC	5	11:00	15:59
184	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Apr-12	140- 171	Yes	INC	11	0:00	10:59
185	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	13-Apr-12	115- 315	No	INC	8	12:25	19:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
186	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	18-Apr-12	14- 110	No	INC	5	11:55	15:59
187	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	20-Apr-12	62- 76	No	DEC	5	12:25	16:59
188	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	24-Apr-12	57	No	DEC	1	12:45	12:59
189	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	24-Apr-12	6- 320	No	INC	11	12:20	22:59
190	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	25-Apr-12	10- 338	No	DEC	6	10:25	15:59
191	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	26-Apr-12	180- 208	No	DEC	5	11:00	15:59
192	RT	Transmission Outage SCE	SCE	LA Basin	1-Apr-12	65- 235	No	DEC	24	0:00	23:58
193	RT	Transmission Outage SCE	SCE	LA Basin	1-Apr-12	3- 80	No	INC	24	0:00	23:58
194	RT	Transmission Outage SCE	SCE	LA Basin	2-Apr-12	16- 48	No	DEC	12	0:00	11:44
195	RT	Transmission Outage SCE	SCE	LA Basin	2-Apr-12	18- 326	No	INC	24	0:00	23:58
196	RT	Transmission Outage SCE	SCE	LA Basin	3-Apr-12	8- 50	No	DEC	24	0:01	23:58
197	RT	Transmission Outage SCE	SCE	LA Basin	3-Apr-12	33- 308	No	INC	24	0:01	23:58
198	RT	Transmission Outage SCE	SCE	LA Basin	4-Apr-12	13- 262	No	DEC	24	0:01	23:58
199	RT	Transmission Outage SCE	SCE	LA Basin	4-Apr-12	1- 42	No	INC	24	0:01	23:58
200	RT	Transmission Outage SCE	SCE	LA Basin	5-Apr-12	158- 262	No	DEC	24	0:00	23:58
201	RT	Transmission Outage SCE	SCE	LA Basin	6-Apr-12	13- 197	No	DEC	24	0:00	23:58
202	RT	Transmission Outage SCE	SCE	LA Basin	6-Apr-12	3- 308	No	INC	24	0:00	23:58
203	RT	Transmission Outage SCE	SCE	LA Basin	7-Apr-12	189- 308	No	INC	24	0:00	23:58
204	RT	Transmission Outage SCE	SCE	LA Basin	8-Apr-12	125- 308	No	INC	24	0:00	23:58
205	RT	Transmission Outage SCE	SCE	LA Basin	9-Apr-12	134- 308	No	INC	24	0:00	23:58
206	RT	Transmission Outage SCE	SCE	LA Basin	10-Apr-12	53- 306	No	INC	24	0:00	23:58
207	RT	Transmission Outage SCE	SCE	LA Basin	11-Apr-12	9- 30	No	DEC	24	0:00	23:58
208	RT	Transmission Outage SCE	SCE	LA Basin	11-Apr-12	45- 222	No	INC	24	0:00	23:58
209	RT	Transmission Outage SCE	SCE	LA Basin	12-Apr-12	3- 86	No	DEC	9	0:00	8:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
210	RT	Transmission Outage SCE	SCE	LA Basin	12-Apr-12	15- 279	No	INC	24	0:00	23:58
211	RT	Transmission Outage SCE	SCE	LA Basin	13-Apr-12	6- 200	No	DEC	24	0:00	23:58
212	RT	Transmission Outage SCE	SCE	LA Basin	13-Apr-12	10- 308	No	INC	24	0:00	23:58
213	RT	Transmission Outage SCE	SCE	LA Basin	14-Apr-12	38- 262	No	DEC	24	0:00	23:58
214	RT	Transmission Outage SCE	SCE	LA Basin	14-Apr-12	1- 36	No	INC	24	0:00	23:58
215	RT	Transmission Outage SCE	SCE	LA Basin	15-Apr-12	5- 236	No	DEC	24	0:00	23:58
216	RT	Transmission Outage SCE	SCE	LA Basin	15-Apr-12	3- 308	No	INC	24	0:00	23:58
217	RT	Transmission Outage SCE	SCE	LA Basin	16-Apr-12	2- 156	No	DEC	24	0:00	23:58
218	RT	Transmission Outage SCE	SCE	LA Basin	16-Apr-12	9- 308	No	INC	24	0:00	23:58
219	RT	Transmission Outage SCE	SCE	LA Basin	17-Apr-12	21- 169	No	DEC	24	0:00	23:58
220	RT	Transmission Outage SCE	SCE	LA Basin	17-Apr-12	4- 307	No	INC	24	0:00	23:58
221	RT	Transmission Outage SCE	SCE	LA Basin	18-Apr-12	19- 262	No	DEC	24	0:00	23:58
222	RT	Transmission Outage SCE	SCE	LA Basin	18-Apr-12	2- 74	No	INC	24	0:00	23:58
223	RT	Transmission Outage SCE	SCE	LA Basin	19-Apr-12	5- 262	No	DEC	24	0:00	23:58
224	RT	Transmission Outage SCE	SCE	LA Basin	19-Apr-12	13- 308	No	INC	24	0:00	23:58
225	RT	Transmission Outage SCE	SCE	LA Basin	20-Apr-12	10- 18	No	DEC	24	0:00	23:58
226	RT	Transmission Outage SCE	SCE	LA Basin	20-Apr-12	66- 308	No	INC	24	0:00	23:58
227	RT	Transmission Outage SCE	SCE	LA Basin	21-Apr-12	1- 31	No	DEC	24	0:00	23:58
228	RT	Transmission Outage SCE	SCE	LA Basin	21-Apr-12	45- 305	No	INC	24	0:00	23:58
229	RT	Transmission Outage SCE	SCE	LA Basin	22-Apr-12	39- 180	No	INC	24	0:00	23:58
230	RT	Transmission Outage SCE	SCE	LA Basin	23-Apr-12	1	No	DEC	24	0:00	23:58
231	RT	Transmission Outage SCE	SCE	LA Basin	23-Apr-12	57- 292	No	INC	24	0:00	23:58
232	RT	Transmission Outage SCE	SCE	LA Basin	24-Apr-12	3- 50	No	DEC	24	0:00	23:58
233	RT	Transmission Outage SCE	SCE	LA Basin	24-Apr-12	13- 286	No	INC	24	0:00	23:58
234	RT	Transmission Outage SCE	SCE	LA Basin	25-Apr-12	44- 146	No	DEC	24	0:00	23:58
235	RT	Transmission Outage SCE	SCE	LA Basin	25-Apr-12	18- 308	No	INC	24	0:00	23:58
236	RT	Transmission Outage SCE	SCE	LA Basin	26-Apr-12	7- 226	No	DEC	24	0:00	23:58
237	RT	Transmission Outage SCE	SCE	LA Basin	26-Apr-12	6- 301	No	INC	24	0:00	23:58
238	RT	Transmission Outage SCE	SCE	LA Basin	27-Apr-12	5- 262	No	DEC	24	0:00	23:58

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
239	RT	Transmission Outage SCE	SCE	LA Basin	27-Apr-12	43- 308	No	INC	24	0:00	23:58
240	RT	Transmission Outage SCE	SCE	LA Basin	28-Apr-12	3- 262	No	DEC	24	0:00	23:58
241	RT	Transmission Outage SCE	SCE	LA Basin	28-Apr-12	11- 307	No	INC	24	0:00	23:58
242	RT	Transmission Outage SCE	SCE	LA Basin	29-Apr-12	2- 121	No	DEC	24	0:00	23:58
243	RT	Transmission Outage SCE	SCE	LA Basin	29-Apr-12	3- 306	No	INC	24	0:00	23:58
244	RT	Transmission Outage SCE	SCE	LA Basin	30-Apr-12	9- 154	No	DEC	24	0:00	23:58
245	RT	Transmission Outage SCE	SCE	LA Basin	30-Apr-12	9- 223	No	INC	21	3:22	23:58
246	RT	Transmission Outage SCE	SCE	N/A	1-Apr-12	35	No	INC	24	0:00	23:58
247	RT	Transmission Outage SCE	SCE	N/A	2-Apr-12	20- 51	No	DEC	15	9:42	23:58
248	RT	Transmission Outage SCE	SCE	N/A	2-Apr-12	75- 158	No	INC	24	0:00	23:58
249	RT	Transmission Outage SCE	SCE	N/A	3-Apr-12	2- 717	Yes	DEC	24	0:01	23:58
250	RT	Transmission Outage SCE	SCE	N/A	3-Apr-12	108- 189	Yes	INC	24	0:01	23:59
251	RT	Transmission Outage SCE	SCE	N/A	4-Apr-12	1- 6	No	DEC	24	0:01	23:58
252	RT	Transmission Outage SCE	SCE	N/A	4-Apr-12	108- 137	No	INC	24	0:01	23:58
253	RT	Transmission Outage SCE	SCE	N/A	5-Apr-12	1- 6	No	DEC	24	0:00	23:58
254	RT	Transmission Outage SCE	SCE	N/A	5-Apr-12	108- 137	No	INC	24	0:00	23:58
255	RT	Transmission Outage SCE	SCE	N/A	6-Apr-12	1- 6	No	DEC	24	0:00	23:58
256	RT	Transmission Outage SCE	SCE	N/A	6-Apr-12	67- 171	No	INC	24	0:00	23:58
257	RT	Transmission Outage SCE	SCE	N/A	7-Apr-12	147- 172	No	INC	24	0:00	23:58
258	RT	Transmission Outage SCE	SCE	N/A	8-Apr-12	159- 172	No	INC	24	0:00	23:58
259	RT	Transmission Outage SCE	SCE	N/A	9-Apr-12	165- 172	No	INC	24	0:00	23:58
260	RT	Transmission Outage SCE	SCE	N/A	10-Apr-12	4- 26	No	DEC	24	0:00	23:58
261	RT	Transmission Outage SCE	SCE	N/A	10-Apr-12	111- 171	No	INC	24	0:00	23:58
262	RT	Transmission Outage SCE	SCE	N/A	11-Apr-12	4- 47	No	DEC	24	0:00	23:58
263	RT	Transmission Outage SCE	SCE	N/A	11-Apr-12	64- 169	No	INC	24	0:00	23:58
264	RT	Transmission Outage SCE	SCE	N/A	12-Apr-12	4- 44	No	DEC	24	0:00	23:58
265	RT	Transmission Outage SCE	SCE	N/A	12-Apr-12	64- 132	No	INC	24	0:00	23:58
266	RT	Transmission Outage SCE	SCE	N/A	13-Apr-12	26- 54	Yes	DEC	24	0:00	23:58
267	RT	Transmission Outage SCE	SCE	N/A	13-Apr-12	64- 157	Yes	INC	24	0:00	23:58

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
268	RT	Transmission Outage SCE	SCE	N/A	14-Apr-12	2- 48	No	DEC	24	0:00	23:58
269	RT	Transmission Outage SCE	SCE	N/A	14-Apr-12	64- 108	No	INC	24	0:00	23:58
270	RT	Transmission Outage SCE	SCE	N/A	15-Apr-12	1- 6	No	DEC	24	0:00	23:58
271	RT	Transmission Outage SCE	SCE	N/A	15-Apr-12	101- 168	No	INC	24	0:00	23:58
272	RT	Transmission Outage SCE	SCE	N/A	16-Apr-12	1- 6	No	DEC	24	0:00	23:58
273	RT	Transmission Outage SCE	SCE	N/A	16-Apr-12	108- 172	No	INC	24	0:00	23:58
274	RT	Transmission Outage SCE	SCE	N/A	17-Apr-12	338- 550	No	DEC	21	3:00	23:59
275	RT	Transmission Outage SCE	SCE	N/A	17-Apr-12	64- 181	Yes	INC	24	0:00	23:59
276	RT	Transmission Outage SCE	SCE	N/A	18-Apr-12	1- 6	No	DEC	24	0:00	23:58
277	RT	Transmission Outage SCE	SCE	N/A	18-Apr-12	64- 93	No	INC	24	0:00	23:58
278	RT	Transmission Outage SCE	SCE	N/A	19-Apr-12	1- 6	No	DEC	24	0:00	23:58
279	RT	Transmission Outage SCE	SCE	N/A	19-Apr-12	64- 146	No	INC	24	0:00	23:58
280	RT	Transmission Outage SCE	SCE	N/A	20-Apr-12	1- 6	No	DEC	24	0:00	23:58
281	RT	Transmission Outage SCE	SCE	N/A	20-Apr-12	108- 164	Yes	INC	24	0:00	23:58
282	RT	Transmission Outage SCE	SCE	N/A	21-Apr-12	1	No	DEC	24	0:00	23:58
283	RT	Transmission Outage SCE	SCE	N/A	21-Apr-12	101- 171	Yes	INC	24	0:00	23:58
284	RT	Transmission Outage SCE	SCE	N/A	22-Apr-12	146- 172	Yes	INC	24	0:00	23:58
285	RT	Transmission Outage SCE	SCE	N/A	23-Apr-12	2- 4	No	DEC	24	0:00	23:58
286	RT	Transmission Outage SCE	SCE	N/A	23-Apr-12	86- 172	Yes	INC	24	0:00	23:58
287	RT	Transmission Outage SCE	SCE	N/A	24-Apr-12	14- 33	No	DEC	24	0:00	23:58
288	RT	Transmission Outage SCE	SCE	N/A	24-Apr-12	101- 172	Yes	INC	24	0:00	23:58
289	RT	Transmission Outage SCE	SCE	N/A	25-Apr-12	1	No	DEC	24	0:00	23:58
290	RT	Transmission Outage SCE	SCE	N/A	25-Apr-12	108- 172	Yes	INC	24	0:00	23:58
291	RT	Transmission Outage SCE	SCE	N/A	26-Apr-12	2- 6	No	DEC	24	0:00	23:58
292	RT	Transmission Outage SCE	SCE	N/A	26-Apr-12	64- 154	No	INC	24	0:00	23:58
293	RT	Transmission Outage SCE	SCE	N/A	27-Apr-12	1- 6	No	DEC	24	0:00	23:58
294	RT	Transmission Outage SCE	SCE	N/A	27-Apr-12	108- 157	No	INC	24	0:00	23:58
295	RT	Transmission Outage SCE	SCE	N/A	28-Apr-12	1- 6	No	DEC	24	0:00	23:58
296	RT	Transmission Outage SCE	SCE	N/A	28-Apr-12	64- 169	Yes	INC	24	0:00	23:58

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
297	RT	Transmission Outage SCE	SCE	N/A	29-Apr-12	1- 4	No	DEC	24	0:00	23:58
298	RT	Transmission Outage SCE	SCE	N/A	29-Apr-12	101- 164	Yes	INC	24	0:00	23:58
299	RT	Transmission Outage SCE	SCE	N/A	30-Apr-12	1- 16	No	DEC	24	0:00	23:58
300	RT	Transmission Outage SCE	SCE	N/A	30-Apr-12	64- 130	Yes	INC	24	0:00	23:58
301	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Apr-12	122	Yes	DEC	2	12:17	13:10
302	RT	Transmission Outage SDG&E	SDG&E	N/A	15-Apr-12	310	No	INC	2	12:18	13:11
303	RT	Transmission Outage SDG&E	SDG&E	San Diego	15-Apr-12	68	No	INC	16	6:45	21:59
304	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Apr-12	22- 114	No	DEC	12	8:10	19:59
305	RT	Transmission Outage SDG&E	SDG&E	San Diego	17-Apr-12	100- 160	No	INC	12	8:10	19:59
306	RT	Transmission Outage SDG&E	SDG&E	San Diego	25-Apr-12	20- 40	No	DEC	2	11:58	12:21
307	RT	Transmission Outage SDG&E	SDG&E	San Diego	25-Apr-12	0	No	INC	2	11:58	12:21
308	RT	Transmission Outage SDG&E	SDG&E	San Diego	28-Apr-12	20	No	INC	4	20:00	23:59
309	RT	Transmission Outage SDG&E	SDG&E	San Diego	29-Apr-12	20	No	INC	7	0:00	6:59
310	RT	Unit Testing	SDG&E	San Diego	4-Apr-12	565	No	INC	1	20:00	20:59
311	RT	Voltage Support	PG&E	Fresno	1-Apr-12	83	Yes	INC	5	14:30	18:59
312	RT	Voltage Support	PG&E	Fresno	25-Apr-12	310	Yes	DEC	2	22:41	23:59
313	RT	Voltage Support	PG&E	Fresno	26-Apr-12	7- 310	Yes	DEC	9	0:00	8:59
314	RT	Voltage Support	PG&E	Fresno	26-Apr-12	27- 217	Yes	INC	15	9:16	23:59
315	RT	Voltage Support	PG&E	Fresno	27-Apr-12	303	Yes	DEC	2	22:00	23:59
316	RT	Voltage Support	PG&E	Fresno	27-Apr-12	83	Yes	INC	22	0:00	21:59
317	RT	Voltage Support	PG&E	Fresno	28-Apr-12	306	Yes	DEC	24	0:00	23:59
318	RT	Voltage Support	PG&E	Fresno	28-Apr-12	300	Yes	INC	11	13:31	23:24
319	RT	Voltage Support	PG&E	Fresno	29-Apr-12	311	Yes	DEC	10	0:00	9:59
320	RT	Voltage Support	PG&E	Fresno	29-Apr-12	0	Yes	INC	9	0:00	8:59
321	RT	Voltage Support	PG&E	Fresno	30-Apr-12	8	Yes	INC	4	1:00	4:59
322	RT	Voltage Support	PG&E	N/A	25-Apr-12	480	No	INC	2	22:48	23:59
323	RT	Voltage Support	PG&E	N/A	26-Apr-12	140- 425	Yes	INC	24	0:00	23:59
324	RT	Voltage Support	PG&E	N/A	27-Apr-12	140- 492	Yes	INC	24	0:00	23:59
325	RT	Voltage Support	PG&E	N/A	28-Apr-12	136- 300	Yes	INC	12	0:00	11:59

Number	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC_DEC	Hours	Begin Time	End Time
326	RT	Voltage Support	PG&E	N/A	29-Apr-12	52	No	INC	24	0:00	23:59
327	RT	Voltage Support	PG&E	N/A	30-Apr-12	52	No	INC	24	0:00	23:59
328	RT	Voltage Support	SCE	LA Basin	30-Apr-12	71	No	DEC	4	0:51	3:21

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 June 2012.

/s/ Anna Pascuzzo

Anna Pascuzzo