



California Independent
System Operator Corporation

September 29, 2009

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. ER06-615-____, ER07-1257-____, ER08-1178-____,
and EL08-88-____
July 2009 Exceptional Dispatch Report (Chart 1 data)**

Dear Secretary Bose:

Pursuant to the Commission's September 2, 2009 order in the above referenced docket¹ and the September 14, 2009 motion for extension of time and for clarification of the September 2 Order, the California Independent System Operator Corporation (ISO) submits the attached report. The attached report provides details the Commission directed to be included in "Chart 1," which was set forth in Appendix A of the September 2 Order, as modified by the ISO's September 14 motion. In the September 14 motion, the ISO first explained that in order to provide the data tracking between the initial Exceptional Dispatch data reported in Chart 1 and the settlements data provided in Chart 2, that the ISO would need to report Exceptional Dispatch data on a calendar month basis. Accordingly the attached report provides Chart 1 data for the month of July 2009.

Second, the September 14 motion indicated that the MWh quantity would not be available in time to be included in the Chart 1 report but would be included in the Chart 2 report. The ISO proposed to file Chart 2 report for any given calendar month on the 30th of the month following the filing of the Chart 1 report. The Chart 2 report for July 2009 will, thus, be filed on October 30, 2009.

The attached report is based on information contained in the ISO's scheduling and logging system (SLIC) as well as information in the ISO's Market Quality System (MQS). The use of MQS data provides more complete data on the number of Exceptional Dispatches and the details required by the September 2 order

¹ *Cal. Indep. Sys. Operator Corp.*, 128 FERC ¶ 61,218 (2008) (September 2 Order).

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The attached report does not contain the price impact analysis required by Paragraph 44 of the September 2 Order. The ISO is developing the methodology for conducting that analysis and intends to include the actual analysis for the month of July 2009 in the October 30 report.

Respectfully submitted,

/s/ Sidney M. Davies

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Exceptional Dispatch Report

Table 1: July 2009

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Introduction

This report is filed pursuant to the FERC September 2nd order in ER08-1175, which prescribed a particular format for all exceptional dispatch reporting. This report follows that format as modified by the ISO's request for clarification filed on September 14, 2009 and described in the covering letter for this report.

The Nature of Exceptional Dispatch

The ISO can issue exceptional dispatch instructions for a resource as a pre-day-ahead unit commitment, or a post day-ahead unit commitment or a real-time exceptional dispatch. A pre-day-ahead commitment is an exceptional dispatch instruction for a resource to be committed at or above its physical minimum operating level in the day-ahead market. A post-day-ahead market commitment is an exceptional dispatch instruction for a resource to be committed at or above its physical minimum operating level in the real-time market. A real-time exceptional dispatch instruction for a resource is a dispatch 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 those constraints which are not modeled in the market software. Whenever the ISO issues an exceptional dispatch instruction, these instructions are logged into the scheduling and logging system (SLIC) system and operators associate a reason with every exceptional dispatch instruction. These reasons are precisely the constraints which are not incorporated into the market application. The ISO also issues exceptional dispatch instructions for software failures. Many of the reasons listed below in Table 1, were for reliability requirements for either a local area or the system, and can be classified into local generation requirements, transmission management requirements, non-modeled transmission outages and others like ramp requirements and intertie emergency assistance. In July, the ISO issued exceptional dispatches for following local area generation requirements: (1) G-219, Southern California Edison (SCE) local area requirements for Orange County; (2) G-217, South of Lugo generation requirements; (3) G-206, San Diego area generation requirements and (4) G-233, Bay Area generation requirements; SP26, requirements for south of Path 26. Exceptional dispatch instructions were issued for following transmission management requirements: (1) T-129, transmission facilities in Fresno area; (2) T-138, transmission facilities in Humboldt area; (3) T-132, transmission facilities in San Diego and Imperial Valley area; (4) T-165, transmission facilities in Palermo Rio-Oso area; (5) T-167, Tesla Bellota Area; (6) Mirage-Tamarisk and Mirage-Concho 115kV lines; and (6) other transmission outages in PGE, SCE and SDGE area. All reasons starting with "G" refer to an ISO operation procedure for generation requirements and reason starting with "T" refers to an ISO operating procedure for transmission facilities. Most of the generation procedures are internal to the ISO and not available to the ISO website, however, all of the transmission procedures are

available on the CAISO website¹. There were a few other reasons used by the operators to issue exceptional dispatch instructions in July, which are self explanatory.

As mentioned earlier, the data shown in Table 1 is based on a template specified in the September 2009 order². 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. The MW column shows the range of exceptional dispatch instruction 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 hours column is the difference of 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.

¹ A list of all of the ISO's Operating Procedures and all the publicly available Operating Procedures are available at the following link:

<http://www.caiso.com/thegrid/operations/opsdoc/index.html>

² 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 July.

Table 1: Exceptional Dispatches in July 2009

California Independent System Operator Corporation Exceptional Dispatch Report September 29, 2009											
#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
1	DA	G-206	SDGE	San Diego	1-Jul-09	190	Yes	N/A	19.00	5:00	23:00
2	DA	G-206	SDGE	San Diego	2-Jul-09	170	Yes	N/A	19.00	5:00	23:00
3	DA	G-206	SDGE	San Diego	3-Jul-09	170	Yes	N/A	16.00	8:00	23:00
4	DA	G-206	SDGE	San Diego	4-Jul-09	170	Yes	N/A	24.00	0:00	23:00
5	DA	G-206	SDGE	San Diego	5-Jul-09	170	Yes	N/A	24.00	0:00	23:00
6	DA	G-206	SDGE	San Diego	6-Jul-09	170	Yes	N/A	24.00	0:00	23:00
7	DA	G-206	SDGE	San Diego	7-Jul-09	170	Yes	N/A	24.00	0:00	23:00
8	DA	G-206	SDGE	San Diego	9-Jul-09	200	Yes	N/A	24.00	0:00	23:00
9	DA	G-206	SDGE	San Diego	14-Jul-09	60	Yes	N/A	24.00	0:00	23:00
10	DA	G-206	SDGE	San Diego	15-Jul-09	60	Yes	N/A	24.00	0:00	23:00
11	DA	G-206	SDGE	San Diego	16-Jul-09	60	Yes	N/A	24.00	0:00	23:00
12	DA	G-206	SDGE	San Diego	17-Jul-09	60	Yes	N/A	24.00	0:00	23:00
13	DA	G-206	SDGE	San Diego	18-Jul-09	20	Yes	N/A	24.00	0:00	23:00
14	DA	G-206	SDGE	San Diego	19-Jul-09	20	Yes	N/A	24.00	0:00	23:00
15	DA	G-206	SDGE	San Diego	20-Jul-09	40	Yes	N/A	24.00	0:00	23:00
16	DA	G-206	SDGE	San Diego	21-Jul-09	40	Yes	N/A	24.00	0:00	23:00
17	DA	G-206	SDGE	San Diego	22-Jul-09	40	Yes	N/A	24.00	0:00	23:00
18	DA	G-206	SDGE	San Diego	23-Jul-09	40	Yes	N/A	24.00	0:00	23:00
19	DA	G-206	SDGE	San Diego	24-Jul-09	40	Yes	N/A	24.00	0:00	23:00
20	DA	G-206	SDGE	San Diego	25-Jul-09	20	Yes	N/A	24.00	0:00	23:00
21	DA	G-206	SDGE	San Diego	27-Jul-09	40	Yes	N/A	24.00	0:00	23:00
22	DA	G-206	SDGE	San Diego	29-Jul-09	20	Yes	N/A	24.00	0:00	23:00
23	DA	G-206	SDGE	San Diego	31-Jul-09	20	Yes	N/A	24.00	0:00	23:00
24	DA	G-217	SCE	LA Basin	1-Jul-09	90-115	Yes	N/A	24.00	0:00	23:00

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
25	DA	G-217	SCE	LA Basin	2-Jul-09	90-115	Yes	N/A	24.00	0:00	23:00
26	DA	G-217	SCE	LA Basin	3-Jul-09	130-155	Yes	N/A	24.00	0:00	23:00
27	DA	G-217	SCE	LA Basin	4-Jul-09	90-115	Yes	N/A	24.00	0:00	23:00
28	DA	G-217	SCE	LA Basin	5-Jul-09	90-115	Yes	N/A	24.00	0:00	23:00
29	DA	G-217	SCE	LA Basin	6-Jul-09	90-115	Yes	N/A	24.00	0:00	23:00
30	DA	G-217	SCE	LA Basin	7-Jul-09	20-45	Yes	N/A	24.00	0:00	23:00
31	DA	G-217	SCE	LA Basin	9-Jul-09	20	Yes	N/A	24.00	0:00	23:00
32	DA	G-217	SCE	LA Basin	10-Jul-09	20-45	Yes	N/A	24.00	0:00	23:00
33	DA	G-217	SCE	LA Basin	14-Jul-09	205	Yes	N/A	24.00	0:00	23:00
34	DA	G-217	SCE	LA Basin	15-Jul-09	180	Yes	N/A	24.00	0:00	23:00
35	DA	G-217	SCE	LA Basin	16-Jul-09	130	Yes	N/A	24.00	0:00	23:00
36	DA	G-217	SCE	LA Basin	17-Jul-09	130	Yes	N/A	24.00	0:00	23:00
37	DA	G-217	SCE	LA Basin	18-Jul-09	270	Yes	N/A	24.00	0:00	23:00
38	DA	G-217	SCE	LA Basin	19-Jul-09	245	Yes	N/A	24.00	0:00	23:00
39	DA	G-217	SCE	LA Basin	20-Jul-09	115-175	Yes	N/A	24.00	0:00	23:00
40	DA	G-217	SCE	LA Basin	21-Jul-09	266	Yes	N/A	24.00	0:00	23:00
41	DA	G-217	SCE	LA Basin	22-Jul-09	287	Yes	N/A	24.00	0:00	23:00
42	DA	G-217	SCE	LA Basin	23-Jul-09	287	Yes	N/A	24.00	0:00	23:00
43	DA	G-217	SCE	LA Basin	24-Jul-09	267	Yes	N/A	24.00	0:00	23:00
44	DA	G-219	SCE	LA Basin	1-Jul-09	60	Yes	N/A	24.00	0:00	23:00
45	DA	G-219	SCE	LA Basin	2-Jul-09	60	Yes	N/A	24.00	0:00	23:00
46	DA	G-219	SCE	LA Basin	3-Jul-09	40	Yes	N/A	24.00	0:00	23:00
47	DA	G-219	SCE	LA Basin	4-Jul-09	40	Yes	N/A	24.00	0:00	23:00
48	DA	G-219	SCE	LA Basin	5-Jul-09	40	Yes	N/A	24.00	0:00	23:00
49	DA	G-219	SCE	LA Basin	6-Jul-09	40	Yes	N/A	24.00	0:00	23:00
50	DA	G-219	SCE	LA Basin	9-Jul-09	20	Yes	N/A	24.00	0:00	23:00
51	DA	G-219	SCE	LA Basin	10-Jul-09	20	Yes	N/A	24.00	0:00	23:00
52	DA	G-219	SCE	LA Basin	11-Jul-09	40	Yes	N/A	24.00	0:00	23:00
53	DA	G-219	SCE	LA Basin	12-Jul-09	40	Yes	N/A	24.00	0:00	23:00
54	DA	G-219	SCE	LA Basin	13-Jul-09	40	Yes	N/A	24.00	0:00	23:00
55	DA	G-219	SCE	LA Basin	14-Jul-09	490	Yes	N/A	24.00	0:00	23:00
56	DA	G-219	SCE	LA Basin	15-Jul-09	170	Yes	N/A	24.00	0:00	23:00

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#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
57	DA	G-219	SCE	LA Basin	16-Jul-09	170	Yes	N/A	24.00	0:00	23:00
58	DA	G-219	SCE	LA Basin	17-Jul-09	170	Yes	N/A	24.00	0:00	23:00
59	DA	G-219	SCE	LA Basin	18-Jul-09	80	Yes	N/A	24.00	0:00	23:00
60	DA	G-219	SCE	LA Basin	19-Jul-09	60	Yes	N/A	24.00	0:00	23:00
61	DA	G-219	SCE	LA Basin	20-Jul-09	80	Yes	N/A	24.00	0:00	23:00
62	DA	G-219	SCE	LA Basin	21-Jul-09	80	Yes	N/A	24.00	0:00	23:00
63	DA	G-219	SCE	LA Basin	22-Jul-09	80	Yes	N/A	24.00	0:00	23:00
64	DA	G-219	SCE	LA Basin	23-Jul-09	80	Yes	N/A	24.00	0:00	23:00
65	DA	G-219	SCE	LA Basin	24-Jul-09	80	Yes	N/A	24.00	0:00	23:00
66	DA	G-219	SCE	LA Basin	25-Jul-09	260	Yes	N/A	24.00	0:00	23:00
67	DA	Other-Load Forecast uncertainty	SCE	Big Creek-Ventura	19-Jul-09	20-40	Yes	N/A	24.00	0:00	23:00
68	DA	Other-Load Forecast uncertainty	SCE	LA Basin	14-Jul-09	25	Yes	N/A	24.00	0:00	23:00
69	DA	Path 26	SCE	Big Creek-Ventura	20-Jul-09	140	Yes	N/A	24.00	0:00	23:00
70	DA	Path 26	SCE	Big Creek-Ventura	21-Jul-09	140	Yes	N/A	24.00	0:00	23:00
71	DA	Path 26	SCE	Big Creek-Ventura	22-Jul-09	100	Yes	N/A	24.00	0:00	23:00
72	DA	Path 26	SCE	Big Creek-Ventura	23-Jul-09	100	Yes	N/A	24.00	0:00	23:00
73	DA	Path 26	SCE	LA Basin	20-Jul-09	91	Yes	N/A	16.00	8:00	23:00
74	DA	Ramp Rate	SCE	LA Basin	9-Jul-09	25	Yes	N/A	15.00	7:00	21:00
75	DA	Region Reliability	SCE	LA Basin	1-Jul-09	20	Yes	N/A	24.00	0:00	23:00
76	DA	Region Reliability	SCE	LA Basin	2-Jul-09	20	Yes	N/A	24.00	0:00	23:00
77	DA	Region Reliability	SCE	LA Basin	17-Jul-09	20	Yes	N/A	24.00	0:00	23:00
78	DA	SP26 Capacity	SCE	LA Basin	7-Jul-09	20	Yes	N/A	24.00	0:00	23:00

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#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
79	DA	SP26 Capacity	SCE	LA Basin	27-Jul-09	20	Yes	N/A	19.00	5:00	23:00
80	DA	SP26 Capacity	SCE	LA Basin	28-Jul-09	130	Yes	N/A	24.00	0:00	23:00
81	DA	Software Limitation	PGAE	Bay Area	19-Jul-09	45	Yes	N/A	21.00	3:00	23:00
82	DA	Software Limitation	SCE	LA Basin	12-Jul-09	200	Yes	N/A	14.00	10:00	23:00
83	DA	Software Limitation	SCE	LA Basin	30-Jul-09	20	Yes	N/A	24.00	0:00	23:00
84	DA	T-132	SDGE	San Diego	2-Jul-09	20	Yes	N/A	24.00	0:00	23:00
85	DA	Transmission Outage PGAE	PGAE	Bay Area	7-Jul-09	200	Yes	N/A	9.00	7:00	15:00
86	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	9-Jul-09	20	Yes	N/A	24.00	0:00	23:00
87	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	10-Jul-09	20	Yes	N/A	24.00	0:00	23:00
88	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	11-Jul-09	20	Yes	N/A	24.00	0:00	23:00
89	DA	Transmission Outage SCE	SCE	Big Creek-Ventura	12-Jul-09	20	Yes	N/A	16.00	0:00	15:00
90	DA	Transmission Outage SCE	SCE	LA Basin	7-Jul-09	111	Yes	N/A	24.00	0:00	23:00
91	DA	Transmission Outage SCE	SCE	LA Basin	8-Jul-09	20	Yes	N/A	24.00	0:00	23:00
92	DA	Transmission Outage SDGE	SDGE	San Diego	18-Jul-09	20	Yes	N/A	14.00	6:00	19:00
93	DA	Transmission Outage SDGE	SDGE	San Diego	29-Jul-09	20	Yes	N/A	24.00	0:00	23:00
94	DA	Transmission Outage SDGE	SDGE	San Diego	30-Jul-09	20	Yes	N/A	24.00	0:00	23:00
95	RT	Circulation	Inter-tie	NO LRA	4-Jul-09	305	No	INC	1	6:00	6:59
96	RT	Circulation	Inter-tie	NO LRA	9-Jul-09	2	No	INC	1	7:40	7:59
97	RT	Circulation	Inter-tie	NO LRA	29-Jul-09	64-408	No	INC	23	1:00	23:59
98	RT	Circulation	Inter-tie	NO LRA	30-Jul-09	150	No	INC	1	21:00	21:59

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
99	RT	Circulation	Inter-tie	NO LRA	31-Jul-09	432-762	No	INC	5	1:00	5:59
100	RT	G-206	SDGE	San Diego	11-Jul-09	200	No	INC	2	8:00	9:59
101	RT	G-206	SDGE	San Diego	14-Jul-09	47-376	No	DEC	9	13:25	21:59
102	RT	G-206	SDGE	San Diego	14-Jul-09	0-68	No	INC	9	13:25	21:59
103	RT	G-206	SDGE	San Diego	15-Jul-09	11-164	No	DEC	12	10:50	21:59
104	RT	G-206	SDGE	San Diego	15-Jul-09	0-43	No	INC	12	10:50	21:59
105	RT	G-206	SDGE	San Diego	16-Jul-09	38-174	No	DEC	14	8:05	21:59
106	RT	G-206	SDGE	San Diego	16-Jul-09	43	No	INC	14	8:05	21:59
107	RT	G-206	SDGE	San Diego	19-Jul-09	20	No	INC	3	21:00	23:59
108	RT	G-206	SDGE	San Diego	20-Jul-09	310	YES	DEC	6	14:10	19:59
109	RT	G-206	SDGE	San Diego	20-Jul-09	20	YES	INC	10	0:00	9:59
110	RT	G-206	SDGE	San Diego	28-Jul-09	29-90	No	DEC	2	17:38	18:37
111	RT	G-206	SDGE	San Diego	28-Jul-09	48-70	No	INC	7	17:38	23:59
112	RT	G-217	SCE	LA Basin	6-Jul-09	20-191	No	INC	20	4:00	23:54
113	RT	G-217	SCE	LA Basin	13-Jul-09	25-290	No	INC	20	4:00	23:59
114	RT	G-217	SCE	LA Basin	14-Jul-09	20	No	INC	13	11:00	23:59
115	RT	G-217	SCE	LA Basin	19-Jul-09	316	No	DEC	2	15:45	16:59
116	RT	G-217	SCE	LA Basin	19-Jul-09	20	No	INC	2	22:00	23:59
117	RT	G-217	SCE	LA Basin	20-Jul-09	10-150	No	INC	24	0:00	23:59
118	RT	G-217	SCE	LA Basin	21-Jul-09	91	No	INC	17	7:00	23:54
119	RT	G-217	SCE	LA Basin	22-Jul-09	20-150	No	INC	4	20:00	23:59
120	RT	G-217	SCE	LA Basin	23-Jul-09	20	No	INC	24	0:00	23:59
121	RT	G-217	SCE	LA Basin	30-Jul-09	20	No	INC	2	22:00	23:59
122	RT	G-217	SCE	LA Basin	31-Jul-09	20	No	INC	22	0:00	21:59
123	RT	G-217	SDGE	San Diego	13-Jul-09	20-40	YES	INC	7	5:00	11:59
124	RT	G-219	SCE	LA Basin	10-Jul-09	20	No	INC	3	21:00	23:59
125	RT	G-233	PGAE	Bay Area	14-Jul-09	11	No	DEC	3	19:30	21:59
126	RT	G-233	PGAE	Bay Area	14-Jul-09	80	No	INC	3	19:30	21:59
127	RT	Generation Outage	SCE	LA Basin	6-Jul-09	91	No	INC	22	2:00	23:54

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
128	RT	Intertie Emergency Assistance	Inter-tie	NO LRA	10-Jul-09	50-67	No	INC	2	15:00	16:59
129	RT	Intertie Emergency Assistance	Inter-tie	NO LRA	16-Jul-09	150	No	INC	1	15:00	15:59
130	RT	Intertie Emergency Assistance	Inter-tie	NO LRA	21-Jul-09	47-250	No	INC	3	15:00	17:59
131	RT	Intertie Emergency Assistance	Inter-tie	NO LRA	28-Jul-09	153-340	No	INC	3	17:00	19:59
132	RT	Market Disruption	Inter-tie	NO LRA	27-Jul-09	70-475	No	INC	1	0:45	0:44
133	RT	Market Disruption	Inter-tie	NO LRA	31-Jul-09	481	No	DEC	1	3:00	3:59
134	RT	Market Disruption	Inter-tie	NO LRA	31-Jul-09	342	No	INC	1	3:00	3:59
135	RT	Model Issue	PGAE	Bay Area	8-Jul-09	0	No	INC	2	16:30	17:29
136	RT	Model Issue	PGAE	Fresno	1-Jul-09	0-41	YES	INC	2	11:25	12:09
137	RT	Model Issue	PGAE	Fresno	4-Jul-09	0	No	INC	4	5:30	8:04
138	RT	Model Issue	PGAE	Humboldt	2-Jul-09	0-10	YES	INC	5	8:02	12:49
139	RT	Model Issue	PGAE	Humboldt	22-Jul-09	10	No	INC	2	8:55	9:11
140	RT	Model Issue	SCE	LA Basin	4-Jul-09	0	No	INC	2	0:00	1:59
141	RT	Model Issue	SCE	LA Basin	20-Jul-09	91-225	No	DEC	17	7:00	23:59
142	RT	Model Issue	SDGE	San Diego	15-Jul-09	0	No	INC	2	22:15	23:39
143	RT	Model Issue	SDGE	San Diego	17-Jul-09	0	No	INC	19	0:10	18:34
144	RT	Model Issue	SDGE	San Diego	28-Jul-09	0	No	INC	2	0:05	1:29
145	RT	Model issue	PGAE	N/A	30-Jul-09	141-244	No	DEC	7	17:17	23:51
146	RT	NP26 Capacity	PGAE	Bay Area	20-Jul-09	85	No	INC	2	4:00	5:59
147	RT	Over Generation	PGAE	NCNB	18-Jul-09	30-31	No	DEC	4	17:00	20:59
148	RT	Path 26	SCE	LA Basin	24-Jul-09	70	No	INC	1	23:00	23:59

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
149	RT	Path 26	SCE	LA Basin	29-Jul-09	130-200	No	INC	24	0:00	23:59
150	RT	Path 26	SDGE	San Diego	22-Jul-09	30	No	INC	7	17:00	23:59
151	RT	Path 26	SDGE	San Diego	23-Jul-09	40-75	No	DEC	7	17:00	23:59
152	RT	Path 26	SDGE	San Diego	23-Jul-09	30-60	No	INC	24	0:00	23:59
153	RT	Ramp Rate	SCE	Big Creek-Ventura	19-Jul-09	100-600	No	INC	13	11:00	23:59
154	RT	Ramp Rate	SCE	Big Creek-Ventura	20-Jul-09	149-341	No	DEC	8	12:50	19:59
155	RT	Ramp Rate	SCE	Big Creek-Ventura	20-Jul-09	1-300	No	INC	8	12:50	19:59
156	RT	Ramp Rate	SCE	Big Creek-Ventura	21-Jul-09	8-300	No	INC	10	12:40	21:29
157	RT	Ramp Rate	SCE	Big Creek-Ventura	22-Jul-09	76	No	DEC	10	11:00	20:59
158	RT	Ramp Rate	SCE	Big Creek-Ventura	22-Jul-09	1-300	No	INC	10	11:00	20:59
159	RT	Ramp Rate	SCE	LA Basin	6-Jul-09	59-374	No	DEC	15	7:25	21:59
160	RT	Ramp Rate	SCE	LA Basin	6-Jul-09	47-218	No	INC	15	7:25	21:59
161	RT	Ramp Rate	SCE	LA Basin	7-Jul-09	20	No	INC	24	0:00	23:59
162	RT	Ramp Rate	SCE	LA Basin	8-Jul-09	94-179	No	DEC	15	7:05	21:59
163	RT	Ramp Rate	SCE	LA Basin	8-Jul-09	47-237	No	INC	15	7:05	21:59
164	RT	Ramp Rate	SCE	LA Basin	14-Jul-09	94-249	No	DEC	17	5:35	21:59
165	RT	Ramp Rate	SCE	LA Basin	14-Jul-09	47	No	INC	17	5:35	21:59
166	RT	Ramp Rate	SCE	LA Basin	21-Jul-09	179-245	No	DEC	7	14:00	20:59
167	RT	Ramp Rate	SCE	LA Basin	22-Jul-09	179-249	No	DEC	10	11:10	20:59
168	RT	Ramp Rate	SCE	LA Basin	31-Jul-09	93-356	No	DEC	14	6:30	19:59
169	RT	Ramp Rate	SCE	LA Basin	31-Jul-09	1-94	No	INC	14	6:30	19:59
170	RT	Ramp Rate	SDGE	San Diego	13-Jul-09	58-376	YES	DEC	10	10:45	19:59
171	RT	Ramp Rate	SDGE	San Diego	13-Jul-09	43-131	YES	INC	10	10:45	19:59
172	RT	Ramp Rate	SDGE	San Diego	19-Jul-09	52-445	No	DEC	13	7:05	19:59
173	RT	Ramp Rate	SDGE	San Diego	19-Jul-09	43-91	No	INC	13	7:05	19:59
174	RT	Ramp Rate	SDGE	San Diego	21-Jul-09	47-137	No	DEC	4	18:20	21:59
175	RT	Ramp Rate	SDGE	San Diego	21-Jul-09	43	No	INC	4	18:20	21:59

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#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
176	RT	Ramp Rate	SDGE	San Diego	22-Jul-09	80-262	No	DEC	16	6:50	21:59
177	RT	Ramp Rate	SDGE	San Diego	22-Jul-09	48	No	INC	16	6:50	21:59
178	RT	Ramp Rate	SDGE	San Diego	25-Jul-09	77-174	No	DEC	4	18:25	21:59
179	RT	Ramp Rate	SDGE	San Diego	25-Jul-09	0-43	No	INC	4	18:25	21:59
180	RT	Ramp Rate	SDGE	San Diego	29-Jul-09	20-362	No	DEC	15	7:25	21:59
181	RT	Ramp Rate	SDGE	San Diego	29-Jul-09	0-91	No	INC	15	7:25	21:59
182	RT	Ramp Rate	SDGE	San Diego	31-Jul-09	46-163	No	DEC	16	6:30	21:59
183	RT	Ramp Rate	SDGE	San Diego	31-Jul-09	1-44	No	INC	16	6:30	21:59
184	RT	Ramp rate	SCE	LA Basin	14-Jul-09	72	No	INC	19	5:35	23:59
185	RT	Region Reliability	PGAE	Bay Area	12-Jul-09	35	No	DEC	1	2:13	2:21
186	RT	Region Reliability	PGAE	Bay Area	12-Jul-09	207	No	INC	1	2:10	2:33
187	RT	Region Reliability	PGAE	Bay Area	13-Jul-09	105-120	No	INC	6	0:00	5:59
188	RT	Region Reliability	PGAE	Fresno	12-Jul-09	308	No	DEC	2	1:10	2:59
189	RT	Region Reliability	PGAE	Fresno	13-Jul-09	360	No	INC	8	0:00	7:59
190	RT	Region Reliability	PGAE	Fresno	19-Jul-09	470	No	INC	1	17:39	17:50
191	RT	Region Reliability	SCE	Big Creek-Ventura	13-Jul-09	50	No	INC	3	19:00	21:14
192	RT	Region Reliability	SCE	Big Creek-Ventura	19-Jul-09	20-430	No	INC	24	0:00	23:59
193	RT	Region Reliability	SCE	N/A	7-Jul-09	66-71	No	DEC	2	15:20	16:11
194	RT	Region Reliability	SCE	LA Basin	12-Jul-09	25	No	INC	1	15:10	15:14
195	RT	SP26 Capacity	SCE	Big Creek-Ventura	12-Jul-09	51	No	INC	2	18:02	19:29
196	RT	SP26 Capacity	SCE	N/A	20-Jul-09	40-80	No	INC	12	12:00	23:59
197	RT	SP26 Capacity	SCE	LA Basin	7-Jul-09	0-20	No	INC	24	0:00	23:59

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
198	RT	SP26 Capacity	SCE	LA Basin	8-Jul-09	20	No	INC	24	0:00	23:59
199	RT	SP26 Capacity	SCE	LA Basin	9-Jul-09	20	No	INC	24	0:00	23:59
200	RT	SP26 Capacity	SCE	LA Basin	14-Jul-09	25	No	INC	24	0:00	23:59
201	RT	SP26 Capacity	SCE	LA Basin	21-Jul-09	130	No	INC	1	23:00	23:54
202	RT	SP26 Capacity	SCE	LA Basin	24-Jul-09	260	No	INC	24	0:00	23:59
203	RT	SP26 Capacity	SCE	LA Basin	25-Jul-09	70	No	INC	24	0:00	23:59
204	RT	SP26 Capacity	SCE	LA Basin	26-Jul-09	70	YES	INC	22	0:00	21:59
205	RT	SP26 Capacity	SCE	LA Basin	27-Jul-09	260	No	INC	24	0:45	23:59
206	RT	SP26 Capacity	SCE	LA Basin	28-Jul-09	130	No	INC	24	0:00	23:59
207	RT	Software Limitation	N/A	NO LRA	19-Jul-09	445	No	INC	1	17:42	17:49
208	RT	Software Limitation	PGAE	Bay Area	1-Jul-09	45	YES	INC	10	0:05	9:59
209	RT	Software Limitation	PGAE	Bay Area	12-Jul-09	0	No	INC	2	22:55	23:24
210	RT	Software Limitation	PGAE	Bay Area	21-Jul-09	239-365	YES	DEC	7	13:40	19:59
211	RT	Software Limitation	PGAE	Bay Area	29-Jul-09	187	No	DEC	1	15:10	15:39
212	RT	Software Limitation	PGAE	N/A	6-Jul-09	19	No	DEC	1	11:20	11:59
213	RT	Software Limitation	PGAE	N/A	24-Jul-09	141	No	INC	3	0:00	2:59
214	RT	Software Limitation	PGAE	N/A	27-Jul-09	0	No	INC	1	2:00	2:59
215	RT	Software Limitation	PGAE	N/A	30-Jul-09	112-492	No	DEC	15	8:10	22:29
216	RT	Software Limitation	PGAE	N/A	30-Jul-09	25-50	No	INC	15	8:10	22:29
217	RT	Software Limitation	PGAE	N/A	31-Jul-09	119-500	No	DEC	13	9:55	21:59
218	RT	Software Limitation	PGAE	Fresno	2-Jul-09	0	No	INC	1	6:10	6:29

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
219	RT	Software Limitation	PGAE	Fresno	6-Jul-09	0	No	INC	2	7:05	8:24
220	RT	Software Limitation	PGAE	Fresno	8-Jul-09	308	No	DEC	2	6:07	7:46
221	RT	Software Limitation	PGAE	Fresno	12-Jul-09	550	No	INC	1	2:08	2:34
222	RT	Software Limitation	PGAE	Fresno	17-Jul-09	308	No	DEC	2	5:55	6:09
223	RT	Software Limitation	PGAE	Fresno	17-Jul-09	0	No	INC	2	5:55	6:29
224	RT	Software Limitation	PGAE	Fresno	18-Jul-09	0	No	INC	2	5:50	6:09
225	RT	Software Limitation	PGAE	Fresno	19-Jul-09	0-125	No	INC	12	6:10	17:50
226	RT	Software Limitation	PGAE	Fresno	21-Jul-09	0-616	No	INC	21	1:00	21:34
227	RT	Software Limitation	PGAE	Fresno	23-Jul-09	117	No	DEC	1	13:00	13:59
228	RT	Software Limitation	PGAE	Fresno	24-Jul-09	308	No	DEC	8	0:48	7:19
229	RT	Software Limitation	PGAE	Fresno	24-Jul-09	0	No	INC	8	0:48	7:19
230	RT	Software Limitation	PGAE	Fresno	29-Jul-09	303-305	YES	DEC	2	15:35	16:19
231	RT	Software Limitation	PGAE	Humboldt	18-Jul-09	0	No	INC	8	15:30	22:59
232	RT	Software Limitation	PGAE	Sierra	19-Jul-09	10	No	INC	1	17:40	17:50
233	RT	Software Limitation	PGAE	Stockton	18-Jul-09	83-165	No	INC	4	15:00	18:59
234	RT	Software Limitation	PGAE	Stockton	19-Jul-09	120	YES	INC	3	15:40	17:34

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
235	RT	Software Limitation	SCE	Big Creek-Ventura	13-Jul-09	0	No	INC	1	21:25	21:29
236	RT	Software Limitation	SCE	Big Creek-Ventura	20-Jul-09	50	YES	INC	12	8:55	19:59
237	RT	Software Limitation	SCE	LA Basin	3-Jul-09	20	No	DEC	2	22:00	23:59
238	RT	Software Limitation	SCE	LA Basin	7-Jul-09	70	No	INC	22	2:00	23:59
239	RT	Software Limitation	SCE	LA Basin	12-Jul-09	0-70	No	INC	14	10:00	23:14
240	RT	Software Limitation	SCE	LA Basin	19-Jul-09	65	YES	INC	7	13:20	19:59
241	RT	Software Limitation	SCE	LA Basin	20-Jul-09	1-29	YES	DEC	13	7:00	19:59
242	RT	Software Limitation	SCE	LA Basin	20-Jul-09	0	No	INC	2	0:40	1:09
243	RT	Software Limitation	SCE	LA Basin	23-Jul-09	130	YES	INC	17	7:25	23:59
244	RT	Software Limitation	SCE	LA Basin	26-Jul-09	70-255	YES	INC	3	21:55	23:59
245	RT	Software Limitation	SCE	LA Basin	27-Jul-09	10	YES	INC	2	1:40	2:39
246	RT	Software Limitation	SCE	LA Basin	29-Jul-09	20	No	INC	2	22:00	23:59
247	RT	Software Limitation	SCE	LA Basin	30-Jul-09	39-357	No	DEC	13	10:10	22:29
248	RT	Software Limitation	SCE	LA Basin	30-Jul-09	0-93	No	INC	18	6:00	23:59
249	RT	Software Limitation	SDGE	N/A	17-Jul-09	44-49	YES	DEC	2	11:20	12:04
250	RT	Software Limitation	SDGE	CAISO System	29-Jul-09	0	No	INC	7	0:00	6:34

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
251	RT	Software Limitation	SDGE	San Diego	3-Jul-09	0	No	INC	2	6:15	7:39
252	RT	Software Limitation	SDGE	San Diego	10-Jul-09	0	No	INC	2	21:35	22:59
253	RT	Software Limitation	SDGE	San Diego	13-Jul-09	40	YES	INC	2	5:25	6:14
254	RT	Software Limitation	SDGE	San Diego	24-Jul-09	0	No	INC	2	20:35	21:59
255	RT	Software Limitation	SDGE	San Diego	30-Jul-09	0	No	INC	1	23:20	23:49
256	RT	Software limitation	SCE	LA Basin	28-Jul-09	280-315	No	DEC	3	15:20	17:09
257	RT	Software limitation	SCE	LA Basin	28-Jul-09	20	No	INC	1	23:00	23:59
258	RT	System Energy	Inter-tie	NO LRA	15-Jul-09	200	No	INC	1	6:00	6:59
259	RT	System Energy	Inter-tie	NO LRA	18-Jul-09	50-313	No	DEC	11	8:00	18:59
260	RT	System Energy	Inter-tie	NO LRA	18-Jul-09	60	No	INC	1	12:00	12:59
261	RT	System Energy	Inter-tie	NO LRA	23-Jul-09	215	No	INC	1	6:00	6:59
262	RT	System Energy	Inter-tie	NO LRA	24-Jul-09	166	No	DEC	1	5:00	5:59
263	RT	T-129	PGAE	Fresno	1-Jul-09	70	No	INC	1	23:00	23:59
264	RT	T-129	PGAE	Fresno	2-Jul-09	70	No	INC	2	0:00	1:59
265	RT	T-129	PGAE	Fresno	4-Jul-09	18-40	No	DEC	2	19:20	20:59
266	RT	T-129	PGAE	Fresno	5-Jul-09	0	No	INC	8	2:20	9:59
267	RT	T-129	PGAE	Fresno	14-Jul-09	0-218	No	INC	21	2:35	22:14
268	RT	T-129	PGAE	Fresno	15-Jul-09	83-317	YES	INC	7	16:30	22:04
269	RT	T-129	PGAE	Fresno	16-Jul-09	24-305	No	INC	24	0:05	23:59
270	RT	T-129	PGAE	Fresno	17-Jul-09	25	No	DEC	3	18:15	20:14
271	RT	T-129	PGAE	Fresno	17-Jul-09	0-308	No	INC	23	0:00	22:49
272	RT	T-129	PGAE	Fresno	18-Jul-09	67-242	No	INC	10	13:00	22:59
273	RT	T-129	PGAE	Fresno	19-Jul-09	5	No	DEC	2	19:35	20:59
274	RT	T-129	PGAE	Fresno	19-Jul-09	46-278	YES	INC	13	11:40	23:39
275	RT	T-129	PGAE	Fresno	20-Jul-09	83	No	INC	2	21:15	22:14

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#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
276	RT	T-129	PGAE	Fresno	21-Jul-09	83-150	No	INC	4	19:35	22:44
277	RT	T-129	PGAE	Fresno	22-Jul-09	0-308	No	INC	22	1:30	22:04
278	RT	T-129	PGAE	Fresno	23-Jul-09	0-308	No	INC	24	0:21	23:59
279	RT	T-129	PGAE	Fresno	24-Jul-09	0-308	No	INC	8	0:00	7:59
280	RT	T-129	PGAE	Fresno	25-Jul-09	0	No	INC	1	2:00	2:29
281	RT	T-129	PGAE	Fresno	27-Jul-09	0-308	No	INC	22	0:15	21:44
282	RT	T-129	PGAE	Fresno	28-Jul-09	117	No	DEC	3	18:00	20:59
283	RT	T-129	PGAE	Fresno	28-Jul-09	0-308	No	INC	22	0:30	21:34
284	RT	T-129	PGAE	Fresno	29-Jul-09	0-308	No	DEC	18	5:57	22:59
285	RT	T-129	PGAE	Fresno	29-Jul-09	0-175	No	INC	24	0:12	23:34
286	RT	T-129	PGAE	Fresno	30-Jul-09	114	No	DEC	1	23:30	23:58
287	RT	T-129	PGAE	Fresno	30-Jul-09	38-83	No	INC	22	0:00	21:59
288	RT	T-129	PGAE	NCNB	17-Jul-09	10-11	No	DEC	3	18:50	20:59
289	RT	T-132	SDGE	N/A	16-Jul-09	58-133	No	DEC	4	14:15	17:59
290	RT	T-132	SDGE	N/A	18-Jul-09	108	No	DEC	7	14:00	20:59
291	RT	T-132	SDGE	N/A	19-Jul-09	50-263	No	DEC	7	11:45	17:29
292	RT	T-138	PGAE	Humboldt	1-Jul-09	0-25	YES	INC	24	0:00	23:42
293	RT	T-138	PGAE	Humboldt	2-Jul-09	5-15	YES	INC	24	0:00	23:42
294	RT	T-138	PGAE	Humboldt	3-Jul-09	10-15	YES	INC	24	0:00	23:13
295	RT	T-138	PGAE	Humboldt	4-Jul-09	5	No	DEC	1	23:55	23:59
296	RT	T-138	PGAE	Humboldt	4-Jul-09	0-5	YES	INC	24	0:13	23:54
297	RT	T-138	PGAE	Humboldt	5-Jul-09	0-15	YES	INC	24	0:00	23:59
298	RT	T-138	PGAE	Humboldt	6-Jul-09	0-15	YES	INC	24	0:00	23:59
299	RT	T-138	PGAE	Humboldt	7-Jul-09	10-20	No	DEC	6	1:15	6:59
300	RT	T-138	PGAE	Humboldt	7-Jul-09	0-20	YES	INC	24	0:00	23:54
301	RT	T-138	PGAE	Humboldt	8-Jul-09	0-15	YES	INC	18	6:55	23:59
302	RT	T-138	PGAE	Humboldt	9-Jul-09	10-25	No	DEC	6	15:55	20:19
303	RT	T-138	PGAE	Humboldt	9-Jul-09	0-15	YES	INC	24	0:00	23:59
304	RT	T-138	PGAE	Humboldt	10-Jul-09	0-25	No	INC	24	0:00	23:49
305	RT	T-138	PGAE	Humboldt	11-Jul-09	5-20	No	INC	24	0:00	23:29
306	RT	T-138	PGAE	Humboldt	12-Jul-09	15	No	DEC	17	6:21	22:59
307	RT	T-138	PGAE	Humboldt	12-Jul-09	5-15	YES	INC	24	0:00	23:59

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#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
308	RT	T-138	PGAE	Humboldt	13-Jul-09	5-10	No	DEC	8	15:15	22:59
309	RT	T-138	PGAE	Humboldt	13-Jul-09	0-25	YES	INC	24	0:00	23:59
310	RT	T-138	PGAE	Humboldt	14-Jul-09	0-30	YES	INC	24	0:00	23:59
311	RT	T-138	PGAE	Humboldt	15-Jul-09	5	No	DEC	1	2:25	2:49
312	RT	T-138	PGAE	Humboldt	15-Jul-09	0-20	No	INC	24	0:50	23:59
313	RT	T-138	PGAE	Humboldt	16-Jul-09	5	No	DEC	1	23:15	23:49
314	RT	T-138	PGAE	Humboldt	16-Jul-09	5-10	No	INC	17	7:52	23:14
315	RT	T-138	PGAE	Humboldt	17-Jul-09	10-15	No	INC	3	20:58	22:59
316	RT	T-138	PGAE	Humboldt	21-Jul-09	10	No	INC	2	21:00	22:09
317	RT	T-138	PGAE	Humboldt	22-Jul-09	10	No	INC	2	21:12	22:14
318	RT	T-138	PGAE	Humboldt	26-Jul-09	5-15	No	INC	5	17:44	21:59
319	RT	T-138	PGAE	Humboldt	27-Jul-09	5	YES	DEC	2	19:40	20:34
320	RT	T-138	PGAE	Humboldt	27-Jul-09	0-10	YES	INC	21	3:40	23:59
321	RT	T-138	PGAE	Humboldt	28-Jul-09	0-20	YES	INC	18	6:15	23:57
322	RT	T-138	PGAE	Humboldt	29-Jul-09	5-15	YES	INC	24	0:00	23:54
323	RT	T-138	PGAE	Humboldt	30-Jul-09	15	No	INC	3	21:05	23:49
324	RT	T-138	PGAE	Humboldt	31-Jul-09	1	YES	DEC	4	7:00	10:59
325	RT	T-138	PGAE	Humboldt	31-Jul-09	0-15	YES	INC	17	7:00	23:59
326	RT	T-165	PGAE	Sierra	18-Jul-09	24-106	No	DEC	6	15:19	20:59
327	RT	T-165	PGAE	Sierra	18-Jul-09	0	No	INC	3	15:19	17:09
328	RT	T-165	PGAE	Sierra	19-Jul-09	58-98	No	DEC	7	14:18	20:59
329	RT	T-165	PGAE	Sierra	19-Jul-09	0	No	INC	2	14:18	15:04
330	RT	T-167	PGAE	Stockton	15-Jul-09	0-120	No	INC	4	15:46	18:54
331	RT	T-170	SCE	LA Basin	18-Jul-09	84-126	No	INC	9	13:00	21:59
332	RT	T-170	SCE	LA Basin	19-Jul-09	42-126	YES	INC	10	12:55	21:59
333	RT	T-170	SCE	LA Basin	23-Jul-09	39-119	No	INC	7	13:35	19:59
334	RT	T-170	SCE	LA Basin	25-Jul-09	40-80	YES	INC	5	14:37	18:59
335	RT	T-170	SCE	LA Basin	26-Jul-09	0-39	No	INC	5	13:25	17:59
336	RT	Transmission Outage (Other)	PGAE	Bay Area	20-Jul-09	155	No	INC	2	6:30	7:19
337	RT	Transmission Outage (Other)	PGAE	Fresno	20-Jul-09	10	No	INC	6	8:30	13:54

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
338	RT	Transmission Outage PGAE	PGAE	Bay Area	11-Jul-09	24	No	DEC	2	22:40	23:59
339	RT	Transmission Outage PGAE	PGAE	Bay Area	11-Jul-09	90	No	INC	2	22:40	23:59
340	RT	Transmission Outage PGAE	PGAE	Bay Area	12-Jul-09	138	No	DEC	1	21:50	21:54
341	RT	Transmission Outage PGAE	PGAE	Bay Area	12-Jul-09	67-90	No	INC	24	0:00	23:59
342	RT	Transmission Outage PGAE	PGAE	Bay Area	22-Jul-09	50	No	INC	1	12:10	12:34
343	RT	Transmission Outage PGAE	PGAE	Bay Area	28-Jul-09	30-55	No	DEC	2	6:50	7:59
344	RT	Transmission Outage PGAE	PGAE	Fresno	11-Jul-09	360	No	INC	1	23:05	23:59
345	RT	Transmission Outage PGAE	PGAE	Fresno	12-Jul-09	78-130	No	DEC	3	21:35	23:59
346	RT	Transmission Outage PGAE	PGAE	Fresno	12-Jul-09	360	No	INC	24	0:00	23:59
347	RT	Transmission Outage PGAE	PGAE	Fresno	20-Jul-09	40	No	DEC	1	9:00	9:34
348	RT	Transmission Outage PGAE	PGAE	NCNB	18-Jul-09	27-28	No	DEC	4	17:00	20:59
349	RT	Transmission Outage PGAE	PGAE	NCNB	19-Jul-09	20-85	No	DEC	8	14:50	21:59
350	RT	Transmission Outage SCE	SCE	Big Creek-Ventura	8-Jul-09	20-51	No	INC	20	4:00	23:59
351	RT	Transmission Outage SDGE	SCE	LA Basin	28-Jul-09	130	No	INC	12	12:00	23:59
352	RT	Transmission Outage SDGE	SDGE	N/A	28-Jul-09	470	No	DEC	2	22:35	23:59
353	RT	Transmission Outage SDGE	SDGE	N/A	28-Jul-09	0	No	INC	2	22:35	23:59

Department of Market Services – California ISO

#	Market Type	Reason	Location	Local Reliability Area	Trade Date	MW	Commitment	INC/DEC/NA	Hours	Begin Time	End Time
354	RT	Transmission Outage SDGE	SDGE	San Diego	22-Jul-09	77-227	No	DEC	16	6:45	21:59
355	RT	Transmission Outage SDGE	SDGE	San Diego	22-Jul-09	43	No	INC	16	6:45	21:59
356	RT	Transmission Outage SDGE	SDGE	San Diego	28-Jul-09	80-430	No	DEC	12	6:30	17:37
357	RT	Transmission Outage SDGE	SDGE	San Diego	28-Jul-09	43-91	No	INC	18	6:30	23:59
358	RT	Transmission Outage SDGE	SDGE	San Diego	29-Jul-09	91	No	INC	5	0:00	4:59
359	RT	Unit Testing	N/A	NO LRA	14-Jul-09	47	No	INC	1	14:05	14:14
360	RT	Unit Testing	PGAE	Sierra	14-Jul-09	5	No	DEC	2	10:55	11:14
361	RT	Unit Testing	PGAE	Sierra	14-Jul-09	82	No	INC	1	10:41	10:49

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 (P_{min}) of 50 MW from hours ending 5 through 10 for a generation procedure G-206. Similarly, the ISO issued additional instructions to resources B and C for the same reason as shown in Table 2. Generally exceptional dispatches prior to the day-ahead market are commitments to minimum load. In this case the dispatch levels are all at minimum load.

Table 2: Instructions Prior to Day-Ahead Market

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

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

Table 3: FERC Summary of Instructions Prior to DAM

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

Example 2: Incremental Exceptional Dispatch Instructions in RTM

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

Table 4: Incremental Exceptional Dispatch Instructions in RTM

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

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

Table 5: FERC Summary of ED Instructions in RTM

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

Example 3: Decremental Exceptional Dispatch Instructions in RTM

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

Table 6: Decremental Exceptional Dispatch Instructions in RTM

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

This data is summarized according to FERC convention as shown in Table 7. This summary classifies the data by reason, resource location, local reliability area and trade date. Please note that incs and decs are broken out separately. The inc entry is self-explanatory and similar to the previous example.

Regarding the dec entry the MW column is the range of MW; in this case the minimum dec instruction is 10 MW (actually -10MW as it is a dec) for resource C which occurs from hours ending 10 through 14. The maximum instruction occurs from hours ending 7 through 9, when resource B was issued a dec instruction of 20 MW. Thus the MW column shows the minimum and maximum of the overlaps of all the exceptional dispatch instructions. The commitment column shows whether a resource was committed between the begin time and end time.

Table 7: FERC Summary of Decremental ED Instructions in RTM

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

CERTIFICATE OF SERVICE

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

Dated at Folsom, California this 29th day of September, 2009.

/s/ Anna Pascuzzo
Anna Pascuzzo