

Rulemaking: 12-03-014

Exhibit No.: CEJA x SDG& E - 4

Commissioner: Florio

ALJ: Gamson

Order Instituting Rulemaking to Integrate and
Refine Procurement Policies and Consider
Long-Term Procurement Plans

R.12-03-014

(Filed March 22, 2012)

**Excerpt from CPUC Lessons
Learned - Demand Response
Report - May 1, 2013**

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA
October 28, 2013

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102 3298



Commission Staff Report

Lessons Learned From Summer 2012 Southern California Investor Owned Utilities' Demand Response Programs May 1, 2013

Performance of 2012 Demand Response programs of San Diego Gas and Electric Company and Southern California Edison Company: report on lessons learned, staff analysis, and recommendations for 2013 2014 program revisions in compliance with Ordering Paragraph 31 of Decision 13 04 017.

Appendix I: SDG&E DR Program Overview

| Program | Type | Program Season | Available Annual Events/Hours | Available Monthly Events/Hours | Available Weekly Events/Hours | Available Daily Events/Hours | # of Events Triggered | Available Remaining | Trigger Criteria | Trigger Condition |
|---------------------------------------|------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| Critical Peak Pricing Default (CPP D) | Day Ahead | Year Round | 18 Events | No Limit | No Limit | 1 Event | 7 Events | 11 Events | Temperature and system load *Monday: 86 ; 3472 MW *Tues Fri: 84 ; 3837 MW *Saturday: 86 ; 3837 MW | Met trigger criteria for all 7 events |
| | | | | | | Always | | | | |
| | | | | | | 7 Hours | | | | |
| | | | | | | (11am 6pm) | | | | |
| Capacity Bidding Program (CBP) | Day Ahead | May Oct | No Limit | 44 Hours | No Limit | 1 Event | 7 Events | Price: *Mon Friday only *Market Price equal to or greater than 15,000 btu/kWh heat rate *Other Statewide or local system conditions | Mitigate potential price spikes and load forecast above 4000 MW | |
| | | Mon Fri | | | | Up to 8 Hours | Aug: 12 Hours (3 events) | | | Aug: 32 Hours |
| | | | | | | (11am 7pm) | Sep: 8 Hours (2 events) | | | Sep: 36 Hours |
| | | | | | | | Oct: 8 Hours (2 events) | | | Oct: 36 Hours |
| Capacity Bidding Program (CBP) | Day Of | May Oct | No Limit | 44 Hours | No Limit | 1 Event | 5 Events | Price: *Mon Friday only *Market Price equal to or greater than 15,000 btu/kWh heat rate *Other Statewide or local system conditions | Mitigate potential price spikes and load forecast above 4000 MW and/or Real Time Load came in higher than Day Ahead forecast | |
| | | Mon Fri | | | | Up to 8 Hours | Aug: 7 Hours (2 events) | | | Aug: 37 Hours |
| | | | | | | (11am 7pm) | Sep: 8 Hours (2 events) | | | Sep: 36 Hours |
| | | | | | | | Oct: 4 hours (1 event) | | | Oct: 40 Hours |
| Base Interruptible Program (BIP) | Day Of 30 minute | Year Round | 120 Hours | 10 Events | | 1 Event | 1 Event | 116 Hours | CAISO forecasts a Stage 1 CAISO declares a Stage 2 CAISO calls for interruptible load Extreme weather or system demands or at SDGE discretion. | 1 Compliance Test |
| | | | | | | Up to 4 Hours | 4 Hours | | | 2 Met trigger criteria |
| | | | | | | | | | | |

Appendix N: SDG&E DR Program Overview (Cont.)

| Program | Type | Program Season | Available Annual Events/Hours | Available Monthly Events/Hours | Available Weekly Events/Hours | Available Daily Events/Hours | # of Events Triggered | Available Remaining | Trigger Criteria | Trigger Condition | |
|-----------------------------------------|-------------------|-------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------|--------------------------|---------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Summer Saver | Day Of | May Oct | 15 Events | 40 Hours | 3 Events | 1 Event | 8 Events | Annual 91 Hours | Temperature and system load | Mitigate potential price spikes and load forecast above 4000 MW and/or Real Time Load came in higher than Day Ahead forecast | |
| | | Holidays Excluded | or | | | Noon to 8 pm | Aug: 15 Hours (4 events) | | Aug: 25 Hours | | *Monday Friday: 3800 MW |
| | | | 120 Hours | | | Min 2/Max 4 Hours | Sep: 10 Hours (3 events) | | Sep: 30 Hours | | *Saturday Sunday Optional Participation |
| | | | | | | | Oct: 4 Hours (1 events) | | Oct: 36 Hours | | *CAISO Stage 1 or 2 |
| Reduce Your Use | Day Ahead | Year Round | No Limit | No Limit | No Limit | 1 Event | 7 Events | No Limit | Temperature and system load | Met trigger criteria for all 7 events | |
| | | | | | | Always | | | *Monday: 86 ; 3472 MW | | |
| | | | | | | 7 Hours | | | *Tues Fri: 84 ; 3837 MW | | |
| | | | | | | (11am 6pm) | | | *Saturday: 86 ; 3837 MW | | |
| Critical Peak Pricing Emergency (CPP E) | Day Of | Year Round | 80 Hours | 40 Hours | 4 Events | 1 Event | 2 Events | 71 Hours | Local utility emergency with intent to avoid any firm load curtailment CAISO calls for | Conditions warranted by Utility | |
| | Terminates Dec 31 | | | | | | 30 minute | | | | Aug:1 Event (5 Hours) |
| Demand Bidding | Day Ahead | Jul Dec | No Limit | No Limit | No Limit | No Limit | 3 Events | N/A | CAISO 1,2, or 3 Emergency | Conditions warranted by Utility | |
| | | 2012 only | | | | | 14 Hours | | Transmission or imminent system emergency or as warranted by the utility | | |
| Flex Alerts in Effect | | | | | | | 08/10/13 08/14/13 | | | | |