



Load Management Standards OII/OIR
Advanced Metering Infrastructure
Workshop

May 27, 2008

David Hungerford

Demand Response Staff Lead

Demand Analysis Office



Load Management Standards

- Order Instituting Investigation/Order Instituting Rulemaking approved 1/2/08
- Docket number 08-DR-01
- Purposes:
 - (1) assess which rates, tariffs, equipment, software, protocols, and other measures would be most effective in achieving demand response, and
 - (2) adopt regulations and take other appropriate actions to achieve a responsive electricity market.



Purpose of the Load Management Standards

Proceeding

- Obtain public input on the possible formation of new load management standards.
- Explore the potential of peak load reduction and load shifting strategies.
- Explore the coordination of regulatory authority of demand response efforts across investor owned and publicly owned utilities in the state.



Workshop Schedule

April 29, 2008	Workshop on the Smart Grid Activities and Technology
May 6, 2008	Comments due from public on April 29, 2008 Workshop
May 27, 2008	Workshop on Advanced Meter Infrastructure (AMI)
June 3, 2008	Comments due from public on May 27, 2008 Workshop
June 10, 2008	Workshop on Rate Design, Incentives and Market Integration
June 17, 08	Comments due from public on June 10, 2008 Workshop
June 19, 2008	Workshop on Enabling Technologies and Communications
June 26, 2008	Comments due from public on June 19, 2008 Workshop
July 10, 2008	Workshop on Customer Education and Needs
July 17, 2008	Comments due from public on July 10, 2008 Workshop
Early August	Staff Report and Recommendations for Load Management Standards
Late August	Committee Hearing on Staff Report and Standards Recommendations



Objectives of today's AMI Workshop

- Discuss the status of current AMI efforts among California utilities
- Understand the technical capabilities and design details of approved systems
- Explore the relationship between AMI functionality and the capability of supporting different policy goals in California
- Obtain public input on the potential use of the Energy Commission's load management authority to further adoption of advanced metering technologies



Agenda

- 1 **Commissioner Opening Comments**
- 2 **Energy Commission Staff Introduction (5 minutes)**
 - David Hungerford, *Load Management Standards Technical Manager*
- 3 **Update on Advanced Metering for California's Large Utilities (20 minutes)**
 - Tom Roberts, *CPUC Energy Division*
- 4 **PANEL DISCUSSION: Investor Owned Utility AMI (90 minutes)**
 - Jana Corey, *PG&E*
 - Paul DeMartini, *SCE*
 - Ted Reguly, *SDG&E*

Lunch Break (1 hour)

- 5 **PANEL DISCUSSION: Publicly Owned Utility AMI (90 minutes)**
 - Craig Kuennen, *Glendale Water & Power*
 - George Chen, *LADWP*
 - Erik Krause, *SMUD*
- 6 **Advanced Metering Infrastructure, Ratepayer Perspective (15 minutes)**
 - Rebecca Lee & Ted Geilen, *Division of Ratepayer Advocates*
- 7 **Public Comment (1 hour)**
- 8 **Commissioner Closing Comments**