2008 Title 24
PG&E Nonresidential CASE Reports Update

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2008 T-24 CASE Reports

- **Codes And Standards Enhancements**
- Technical and feasibility information on energy savings proposals to support an informed CEC decision
  - *Technical information* - how does it work, how much cost, how much energy and cost savings
  - *Feasibility* – market share, can market respond, interaction w/ codes & practices
Demand Response CASE

- Define value of DR
  - Value of demand based on PIER/SCE PCT DR valuation

- Define hours of load curtailment
  - Scenarios of curtailment based on number of hours of high TDV costs

- Develop demand effects model
  - Technical models of demand response
  - Extrapolate from pilots to obtain realization rate

- Define likely protocols
  - Used to develop controls costs
Load segmentation by acceptability of curtailment

- Not curtailable
  - Critical loads (safety, security and high value processes)

- Curtailed only during power crisis
  - Moderately high value

- Economically curtailable
  - Relatively low value loads, curtailed during periods of high energy costs

- Number of acceptable curtailable hours varies by type of load
Demand response added to CASE studies

- Refine specification of “automatic load controls” receiving PAF credit
- Consider wider range of demand responsive indoor lighting controls
  - Switching circuits
  - Dimming circuits
  - Addressable ballasts
- Consider demand responsive control of signs lit during the day