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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