2008 Title 24
PG&E Residential CASE
Update Report

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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
2008 T-24 Residential CASEs

- Pool Pumps
- Residential Windows
Pool Pumps

- Approximately 23,000 new pools in CA each year
- 35 MW of new load from pool pumping
  - Assuming 1.5 kW per pool
- Most or all is shiftable
Pool Pumps

- Determine control requirements (2 or variable speed)
- Propose maximum water velocity in filtration piping to reduce total dynamic head, power, work, and energy required to filter the volume of pool water
- Demand Response Needs / Applications