

# 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**