

2008 Title 24 PG&E Residential CASE Update Report



Codes & Standards Enhancement Project



DATE NON 24 2005

RECD. APR 2 9 2008



2008 T-24 CASE Reports

Codes And Standards Enhancements

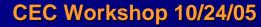
Technical and feasibility information on energy savings proposals to support an informed CEC decision

- 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



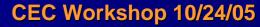


Pool Pumps

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