

Portable Lighting Fixtures

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CEC Efficiency Committee Workshop

2008 Rulemaking on Appliance Efficiency Regulations

Docket No. 07-AAER-3

Background

- PG&E submitted initial standards proposal in January 2008
- Preliminary CASE Report submitted April 3, 2008
recommended maximum power limits for portable fixtures
 - 35W maximum for screw-based lamps
 - 40W maximum for non-screw-based low-voltage halogen lamps
 - Energy Star allowed as alternate compliance path
- Estimated energy savings:
 - 45 GWh and 4 MW for first year sales
 - 901 GWh and 84 MW upon stock turnover
- Cost-benefit ratio: 18

Background

- ALA submitted an alternative proposal on April 7, 2008
- CEC, PG&E, and ALA held meetings and conference calls to discuss proposals
- PG&E submitted comments in response to the ALA proposal and the conference call on April 15, 2008
- Key issues in response to ALA proposal
 - Limited coverage
 - High wattage limits
 - Dimmer requirement

Response to CEC

Staff Report and Draft Amendments

- CEC staff report recommends wattage limits dependent on the number of lamps and type of fixture
 - Addresses differences between floor luminaires and other portable luminaires by setting higher wattage allowances for floor luminaires
 - Sets maximum wattage for one- and two-socket luminaires (only floor luminaires are allowed higher wattage for two sockets)
 - Provides adder for additional sockets; adder sufficient to allow use of high efficiency light sources only
 - Sets absolute cap of 150W per luminaire
- Staff report adds GU-24 compliance option; disallows use of GU-24 base with incandescent lamps and the use of GU-24 adaptors for conversion to other socket types
- Staff report maintains Energy Star compliance as third option

Response to CEC

Staff Report and Draft Amendments

- CEC staff recommendations would reduce savings by an estimated 73 GWh which would be an important contribution to Huffman goals
- It is clear that floor lamps tend to provide higher light output, and we agree that the CEC approach addresses that concern and market reality
- Staff recommendations also allow for greater adoption of new GU-24 base products with appropriate limitations

Conclusions and Suggested Next Steps

- PG&E appreciates ALA's willingness to discuss standards options for portable lighting fixtures
- CEC staff recommendations reflect upon a constructive process in considering the PG&E and ALA proposals and PG&E is willing to support the staff recommendations as a compromise from its initial proposal
- PG&E team is available as needed to discuss any additional comments or concerns from CEC and industry