
California's Title 24 (2005) Requirements for Lighting: A Utility's Perspective

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Outline

- Big questions about the lighting market's response to T24
- Some possible activities by utilities to promote T24 lighting
- SMUD New Construction Program under consideration for 2006 - 2008



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Big Questions About the Lighting Market's Response to Title 24

- Will builders/contractors install high-efficacy fixtures or dimmers/occupancy sensors? (*or*, What should we assume as the new market baseline?)
 - Will manufacturers offer a sufficiently wide product line of high-efficacy fixtures?
 - How will high-efficacy fixtures be priced?
 - Will production builders and custom builders respond differently?
- Will the market provide sufficient replacement bulbs at reasonable prices?



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Some Possible Activities by Utilities to Promote Title 24 Lighting

- ENERGY STAR Advanced Lighting Package
- Lighting for Tomorrow
- California Kitchen Lighting System
- Builder/electrical contractor training
- Consumer education
- Lighting showrooms
- California Building Industry Association (CBIA)
- Utility incentives
 - 100% high-efficacy fixtures in kitchens
 - High-efficacy fixtures rather than dimmers
 - Incentives to builders? Electrical contractors? Suppliers?



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SMUD New Construction Program

Under Consideration for 2006 - 2008

- “Advantage Gold Home”
 - Continued emphasis on cooling measures, albeit less savings available. Lighting is not program component.
 - Continued use of builder incentives, albeit smaller budget.
 - Primarily production builders.
 - Phase out by 2008.
- “PV Home”
 - Photovoltaic key feature.
 - Maximize efficiency, strive for “zero-energy home.” Likely to include ENERGY STAR Advanced Lighting Package and appliances.
 - Small initial participation rates.
 - Increasing incentive budget available as Advantage Gold Home phased out.

