

Energy Efficiency & Customer Research & Development presents...

Customer Advanced Technologies Program Newsletter

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From the Editor's Desk

Market Transformation at its Best!

During the past three years SMUD has worked with the California Lighting Technology Center at U.C. Davis, Lawrence Berkeley National Labs, the California Energy Commission and Lithonia Lighting to develop a cutting edge lighting system for residential kitchens. This new system, dubbed the CKP62, was developed to provide residential builders with a high-quality, recessed lighting system that would help them comply with the upcoming 2005 Title 24 residential lighting standards.



The system was unveiled earlier this year at two technology workshops. Attendees included builders, electrical contractors, energy industry consultants, interior designers, SMUD employees and lighting manufacturers. The

participants were very enthusiastic about the system and the seminar. Following the workshop, several participants visited Morrison Homes' Creekside project to see the systems installed in actual kitchens.



Emboldened by the widespread enthusiasm for the CKP62, other manufacturers expedited the development and production of comparable 26-watt systems. Consumers now have choices from several major manufacturers including Lithonia, Cooper, Progress, and Sea Gull Lighting. To download the full technology evaluation report, please visit the Customer Advanced Technologies Web page at www.smud.org/education/cat/index.html.

California Lighting Technology Center at U.C. Davis Makes Its Debut

In July of 2004, the California Lighting Technology Center (CLTC) at U.C. Davis officially opened its doors. According to Dr. Michael Siminovitch, Director of the CLTC, their mission is to:

“...foster the application of energy-efficient lighting by facilitating technology demonstrations, development, outreach and educational activities, in partnership with the lighting industry, lighting professionals, and the electric utility community.”

Simply put, the California Lighting Technology Center helps take lighting technologies from the laboratory to the marketplace. Dr. Siminovitch and his staff have worked with SMUD on several successful projects including the CKP62 kitchen lighting system, occupancy sensors with LED nightlights, and the Berkeley Table Lamp. For more information please visit the CLTC's website at www.cltc.ucdavis.edu.

Upcoming Events

Insulated Concrete Forms

Date: Tuesday, October 05, 2004

Time: 8:00 a.m.-12:00 p.m.

Fee: \$15.00

FREUS (evaporative condensed air conditioners)

Date: Thursday, October 21, 2004

Time: 8:00 a.m.-10:00 a.m.

Fee: No charge

Pre-registration required. Class space is limited. Both classes will be hosted by SMUD's Energy & Technology Center. To register, please call (916) 732-6738 or send an email to etcmil@smud.org

Current Research Projects

- FREUS (residential air conditioning)
- 3rd generation indirect/direct evaporative cooling
- Insulated concrete form (ICF) construction