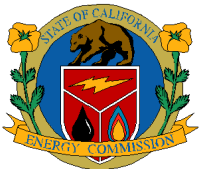

High-Efficiency Power Supplies Project

Overview for Power Supply and Battery Charger Technical Workshop November 7, 2003

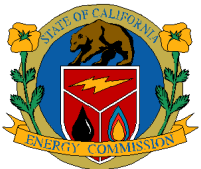
Donald J. Aumann, PE
CEC Contract Manger

(daumann@energy.state.ca.us 916-654-4588)



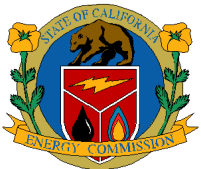
- National & international experts attended
- Presented LBNL survey of all known standby (aka low power mode) studies/programs
- Attendees identified research needs
- Details at <http://standby.lbl.gov>

...Power supplies identified as high-priority



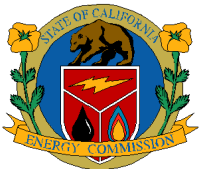
Overview

- Project team—E2I, Ecos Consulting, PEAC
- Schedule: May 2003 to April 2005
- Working with Power Sources Manufacturers Association (PSMA) on design competition
- Coordinating with EPA, Energy Star, NRDC
- Details at www.efficientpowersupplies.org



Objectives

- Stimulate development & use of internal & external high-efficiency power supplies
- Measure and understand power supply efficiency in key product categories:
 - ...Direct-view and rear-projection TVs*
 - ...Desktop PCs*
 - ...CRT & LCD monitors*
 - ...Power tool and consumer battery chargers*
- Recommend policy directions for California



Sequence of Key Project Steps

- Website development/information sharing
- Test method development
- Market research and savings estimates
- Technology development and industry outreach
- Design competition
- Policy action plan

