



# Commercial Lighting Breakout Session

Adapting Program Strategies to Respond to  
the Changing Lighting Landscape

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# Today's Agenda

- ▶ Welcome/Introductions
- ▶ Background
- ▶ Highlight Program Approaches
  - Ray Hartwell, Bonneville Power Authority
  - Dave Alexander, Thor Scordelis, Pacific Gas and Electric
- ▶ Questions and Discussion
  - Evolution of Participants' Lighting Programs?
  - Resources Needed?

# Background: A Changing Landscape

- ▶ Federal Standards
- ▶ State and Provincial Activity
  - Building Codes
  - Increasing Savings Goals
  - Indications of Market Saturation
- ▶ Emerging Opportunities
  - SSL
  - Controls
  - Daylighting
  - Design



# Background: Opportunity Exists

- ▶ Lighting programs are already successful
  - Lighting accounts for 60-75% total savings in 5 states – CA, RI, VT, NJ and WI
- ▶ Lighting represents most potential for additional savings
  - Pacific Northwest Power Plan
  - Energy Center of Wisconsin for Iowa

# 2010 CEE Commercial Lighting Support

- ▶ Maintain Existing Specifications
- ▶ Build Collective Knowledge of Emerging Technologies
  - Workshops, Roundtable Discussions, Position Papers
- ▶ Inform Role for ENERGY STAR in Commercial Lighting Arena
- ▶ Identify and Support Systems-Level Program Options

# Comprehensive Program Work

- ▶ Working group of CEE members and industry representatives
- ▶ Launched Fall 2009
- ▶ Working Group Purpose
  - The working group strives to meet occupant's lighting needs and deliver aggressive lighting energy savings in the U.S. and Canada by supporting comprehensive program approaches that use a combination of traditional technologies, controls, daylighting and design

# Comprehensive Program Approach

- ▶ Compile Existing Resources/Information
- ▶ Develop Program Guidance
- ▶ All CEE Members Encouraged to Participate



# Discussion

- ▶ What are your plans for evolving your lighting programs over the next 3 years?
- ▶ What challenges do you see?
- ▶ What is needed to help with the transition?

# Contact

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