



CALIFORNIA ENERGY COMMISSION

# Combined Heat and Power in California: IEPR Workshop Overview

**DOCKET**

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Electricity Analysis Office

Electricity Supply Analysis Division

Lead Commissioner Workshop on Combined Heat and Power in California

Hearing Room A

February 16<sup>th</sup>, 2012



## Workshop Purpose

- Working towards California's goals
  - AB 32 Scoping Plan (6.7 mmt GHG reduction)
  - Clean Energy Jobs Plan (6,500 MW by 2030)
- What will it take to get there...and the implications
  - Build a public record to be used in the 2012 Integrated Energy Policy Report and other Energy Commission policy documents



- **Technical and Market Potential for New CHP in California**
  - Ken Darrow, ICF International
- **Small CHP Market (up to 20 MW)**
  - Sam Ruark, Sonoma County
  - John Hake, EBMUD Energy
  - Bill Martini, Tecogen
  - Joe Allen, Solar Turbines
- **Industrial CHP Issues**
  - Barbara Barkovich, California Large Energy Consumers Association
  - Tom Silva, representing Chevron



- **Innovative Financing for CHP Development**
  - Tom Casten, Recycled Energy Development, ACORE Board Member
  - John Ballam, Massachusetts Department of Energy Resources (via WebEx)
- **Technology Innovation to Overcome CHP Barriers**
  - Rizaldo Aldas, California Energy Commission
  - Keith Davidson, DE Solutions
  - Brandon Blizman, Makel Engineering, Inc.
- **CHP Development and Infrastructure Planning**
  - David Vidaver, California Energy Commission
  - Jennifer Kalafut, California Public Utilities Commission
  - Michael Alcantar, Cogeneration Association of California
  - Ray Williams, Pacific Gas & Electric
  - Gerome Torribio, Southern California Edison