

DOCKET

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Workshop on the Summer 2005 Electricity Supply and Demand Outlook

March 21, 2005

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CALIFORNIA ENERGY COMMISSION



Purpose of Workshop

- To vet our demand and resource assumptions used in the Outlook.
- To explain our weather adjusted demand methodology.
- To compare our Outlook with assessments conducted by others.
- Compare past demand forecasts with actual peak demand data.



Workshop Agenda

- Overview of Outlook and analytical methodology.
- Demand forecast and weather adjustment methodology.
- Regional and statewide resource assessment methodology.
- Presentation of other parties' assessments.
- Comparisons of past forecasts with actual data
- Comments and discussion.



Participation by Conference Call

Call-in Number: 888-455-5419

Call Leader: David Ashuckian

Passcode: "Summer"



Additional Written Comments

- Accepting written comments through Friday, March 25.
- Also by e-mail to [docket@energy.state.ca.us]
- Please include Docket Number 05-DSO-1 and “*Summer 2005 Electricity Supply and Demand Outlook*” in the subject line.



Outlook Development Process

- CEC has been working with CA ISO, CPUC, and utility staff collecting and comparing data on generation capacity, planned and forced outages, and transmission constraints.
- Initial draft presented to Senate Energy Committee on February 22.
- Committed to an annual process where assessments are vetted in workshops.



Overview of 2005 Outlook

- Snapshot of physical resources and transmission capabilities.
- Only includes capacity expected to be available by the first of each summer month.
- Does not consider contractual agreements with individual utilities.
- Expanded this year to include a focus on the northern and southern regions in the ISO control area.



Comparing Reserve Margins

- Planning Reserve (15-17% target)
 - Based on 1-in-2 demand
 - Includes interruptible and demand response programs
 - Does not include deliverability constraints
- Projected Operating Reserve (expected/potential)
 - Includes both 1-in-2 and 1-in-10 demand
 - Includes expected forced and planned outages
 - Includes transmission constraints
 - Does not include interruptible or demand response programs



Actual Operating Reserve

Based on:

- Real time weather
- Real time forced and planned outages
- Real time transmission constraints
- Real time control operator dispatch

Requirement is 5% for hydro and 7 % for thermal
for a net between 6%-7% for each control area.