California Energy Commission

Joint Agency, IEPR Committee Workshop

California Clean Energy Future

July 6, 2011 – 1:30 p.m.

AGENDA

Introduction

Suzanne Korosec, IEPR Lead

Opening Comments

Chair Robert Weisenmiller, Energy Commission Presiding Member

Commissioner Karen Douglas, Energy Commission Associate Member

Chairman Mary Nichols, Air Resources Board

Steve Berberich, California Independent System Operator

Nancy Ryan, California Public Utilities Commission

Anthony Eggert, California Environmental Protection Agency

Staff Presentation on California Clean Energy Future Overview and Metrics

Heather Raitt, Kae Lewis, and Pam Doughman, Energy Commission

Phil Pettingill, California Independent System Operator

Dave Mehl, Air Resources Board

Andrew Schwartz, California Public Utilities Commission

Panel: Comments on the California Clean Energy Future Overview

Steven Kelly, Independent Energy Producers

V. John White, CEERT

Dave Ashuckian, Division of Ratepayer Advocates

Stephanie C. Chen, The Greenlining Institute

Bonnie Holmes-Gen, American Lung Association
Carl Zichella, Natural Resources Defense Council
Valerie J. Winn, PG&E
Marc Joseph, California Unions for Reliable Energy
David Wright, California Municipal Utilities Association/Riverside Electric Utility
Eileen Wenger Tutt, California Electric Transportation Coalition

SCE, TBD

Public Comments

Adjourn

Attachment

Discussion Questions for July 6 CCEF Interagency IEPR workshop

Overview Document

1) The Overview provides a high-level roadmap for California's existing energy goals. The agencies plan to publish metrics to indicate the status of work to achieve the goals in the Overview. Do you have other suggestions on how the agencies can achieve the Overview goals in a transparent and effective way?

2) The California Clean Energy Future Overview was drafted in September, 2010 and the agencies plan to update it to reflect the Governor Jerry Brown's Leadership in energy policy, the passage of Senate Bill 1X2, codifying that 33 percent of retail sales of electricity be served by renewable resources by 2020, other new significant legislation, and agency updates. Which new legislation and agency updates should be included in the update of the California Clean Energy Future Overview?

3) The agencies plan to review and revise the recommended strategies and specific targets of the California Clean Energy Future "on a biennial basis following each demand forecast update provided by the Energy Commission's *Integrated Energy Policy Report*." (page 2) Please comment on whether this is the right frequency and venue for review. If you have other suggestions, please provide the rationale for your recommendation.

Metrics

Staff has identified key metrics to provide the public and policy makers with concise and relevant data needed to track and evaluate progress towards achieving the goals of the CCEF. The aim is to provide useful information and put it in meaningful context. Staff has attempted to strike a balance between providing enough data to be helpful but not so much that it becomes unwieldy. The metrics are as follows:

- Greenhouse gas emissions from the electricity sector
- Energy efficiency
- Demand response
- Renewable energy
- Installed capacity
- Transmission expansion
- Electric vehicles
- Reserve margin
- Statewide energy demand
- System average rates for electricity
- Once through cooling phase out

4) Are these the right metrics to track progress towards achieving the policies reflected in the Overview? In addition to the CCEF overview are there other organizing principles or policy objectives the metrics should be designed around, for example, a more express focus on the role different programs play in facilitating the state's GHG goals pursuant to AB32 and the scoping plan? The Energy Action Plan Loading Order? Other?

5) Is the presentation of the metrics effective in conveying relevant information to policymakers and/or the public regarding the effectiveness of our policies in achieving the state's policy objectives? How could the metrics and/or their presentation be modified to be more effective for this purpose?

6) Are there specific additional metrics that should be added or removed? For example, should there be a metric for the state's ability to maintain reliability of the electric grid with high levels of renewables (e.g., ramping needs versus availability)? Should other indicators such as health or job creation be added? If you recommend adding a metric, please also propose a methodology for measurement and the rationale for your recommendation.

7) For each metric, please provide comments on the methodology used to provide data. For example, are there better data sources that staff should use?

8) Regarding the metric for electricity sector greenhouse gas emissions and emissions intensity, should the graphs include a line representing the business as usual case?

9) For renewable energy, the metric includes a graph showing the portion of signed IOU RPS contracts that have achieved the following milestones: securing financing, obtaining necessary permits, beginning construction, and commencement of commercial operations. Staff would like to include a similar graph for signed POU RPS contracts, is the information available?

10) Staff plans to update the metrics once a year. Is this an appropriate rate of updating the data? Are some data updated more frequently? Less frequently?