

California Energy Commission
Staff Workshop on the Electric Program Investment Charge Program
August 2-3, 2012

Location: 1516 Ninth Street, Sacramento, Hearing Room A
[Note: A second workshop will be held in Los Angeles on August 9-10]*

AGENDA

Day 1: Clean Energy Innovation Priorities

10:00 Introduction

Rob Oglesby, Executive Director, Energy Commission

Opening Remarks

Chair Weisenmiller

Commissioner Peterman

10:30 Overview of the EPIC Decision

Andrew Schwartz, Procurement Strategies Supervisor, CPUC

Cem Turhal, Procurement Strategies Analyst, CPUC

11:00 Overview of CEC Process & Schedule for Developing the EPIC Investment Plan

Laurie ten Hope, Deputy Director, Research & Development Division, Energy Commission

Garry O'Neill, Staff, Efficiency & Renewables Division, Energy Commission

11:30 Overview of IOU Process for Complementary Investment Plans

Frank Goodman, Senior Technology Development Advisor, San Diego Gas & Electric

Lunch

1:00 Break-out sessions

Participants will suggest ideas for EPIC funded activities to bring pre-commercial innovative energy technologies and approaches to market. Break-out session topics can include technologies, environmental considerations, and cross-cutting initiatives. Three facilitated breakout sessions will run concurrently:

- Clean Energy Generation.
- Grid Operations (T&D, renewable and EV-grid integration, storage).
- Efficiency and Demand Side Management.

Questions for the breakout sessions:

1. What are the major barriers to developing and commercializing clean energy technologies?
2. Where should funding emphasis be placed to maximize the deployment of clean energy technologies? (i.e. where is technology innovation needed versus where is support for commercial scale-up the critical need?)
3. What specific initiatives are recommended to advance innovative energy technologies that benefit ratepayers?
4. Define the ratepayer need for which EPIC investment should be targeted?
5. Prioritize initiatives and identify the benefits that should be anticipated and measured such as:
 - a. Energy and cost savings
 - b. Grid reliability
 - c. Job creation
 - d. Economic benefits
 - e. Environmental benefits
 - f. Likelihood of return on investment
 - g. Other

4:00 Regroup and Recap on Breakout Sessions

5:00 Adjourn

Day 2: Market Deployment and Facilitation Panel Discussions

9:00 Introduction and Summary of Day 1

Dave Ashuckian, Deputy Director, Efficiency & Renewables Division, Energy Commission

9:15 Panel 1: Energy Innovation Clusters

Moderator: Erik Stokes, Staff, Research & Development Division, Energy Commission

Panelists:

Gary Simon, CleanStart Co-Chair, Sacramento Area Regional Technology Alliance

Erika Kula, Director of Business Development, Prescience International

Bill Walden, President, TECHNIKON

Josh Gould, DOE APRA-E

Cameron Gorguinpour, Special Assistant, Office of the Assistant Secretary, U.S. Air Force

Questions to consider:

1. What are the benefits of innovation clusters in supporting the development and deployment of innovative clean energy technologies?
2. What are the pros/cons of the different models of energy innovation clusters to accelerate a successful path to market? (i.e. Technology Incubators, Innovation Hubs, Centers of Excellence)
3. Do you recommend funding for innovation clusters in the EPIC Program? Provide program specific recommendations.
4. If this is meritorious for funding, how should EPIC measure ratepayer benefits for energy innovation clusters?

10:15 Public Comment

10:45 Panel 2: Regulatory Assistance and Permit Streamlining to Accelerate Clean Technology Deployment

Moderator: Sherrill Neidich, Staff, Renewables & Efficiency Division, Energy Commission

Panelists:

Vernon Hunt, Energy Program Manager, United States Department of the Navy

Chris Calfee, Senior Counsel, Office of Planning and Research

Mike Hart, President, Sierra Energy

Gary Craft, Principal, Craft Consulting

Valerie Winn, Manager, State Agency Relations, PG&E

Jennifer Barrett, Deputy Director, Permit & Resource Management Dept, Sonoma County

Questions to consider:

1. The Energy Commission anticipates that cities, counties, and regional governments will seek grant funding. Are there other entities that should be targeted for regulatory assistance funding?
2. What local planning and permitting challenges do clean energy technologies pose now and in the future?
3. How can EPIC investments leverage current efforts rather than duplicate them (e.g. DOE SunShot Initiative and model frameworks from the California County Planning Directors Association and Governor's Office of Planning and Research)?
4. What, if any, local planning activities should EPIC invest in? What, if any, local permitting processes should EPIC invest in? What do these initiatives cost and how long do they take?
5. If meritorious, how should EPIC measure ratepayer benefits for local planning and permitting assistance?

Noon Public Comment

12:30 Lunch

1:30 Panel 3: Workforce Development to Accelerate Clean Technology Deployment

Moderator: Sherrill Neidich, Staff, Renewables & Efficiency Division, Energy Commission

Panelists:

Barbara Halsey, Executive Director, California Workforce Association

Kurt Schuparra, Assistant Secretary, California Labor and Workforce Development Agency

David McFeely, Director of Industry Solutions and Grants, SolarTech

Jim Caldwell, Executive Director, Workforce Incubator

Mark Lennon, Deputy Secretary, Department of Veteran Affairs

Blake Konczal (Invited), Fresno Workforce Investment Board

Questions to consider:

1. Does the clean energy sector shape employee training programs? What partnerships exist between training programs and employers to promote job placement, apprenticeships, and externships?
2. Significant investments are being made to develop a clean energy workforce. Should EPIC workforce development investments build upon these efforts? If so, how?
3. Should EPIC fund the collection, storage and dissemination of a clean energy workforce information center? Would a clean energy workforce center connect the workforce to the employer?
4. Distributed PV and wind have industry recognized certifications (i.e., NABCEP). What technologies would benefit from similar certification programs?
5. How should EPIC measure ratepayer benefits for workforce development?

3:00 Public Comment

3:30 Adjourn

***Additional Workshop(s) will be held in September on the draft investment plan including funding recommendations, metrics and selection criteria for awarding EPIC funds, and intellectual property provisions.**