

STATE OF CALIFORNIA
California Energy Commission

Minutes of the January 28, 2009, Energy Commission Business Meeting.

The meeting was called to order at 10:02 by Vice Chair James D. Boyd. The Pledge of Allegiance was led by Vice Chair Boyd.

Present:

James D. Boyd, Vice Chair
Arthur H. Rosenfeld, Commissioner
Karen Douglas, Commissioner

1. ORANGE GROVE POWER PLANT PROJECT. (08-AFC-04). Commission consideration of an Appeal from the Orange Grove Power Plant Project Committee's denial of a Petition to Intervene filed by Petitioner DFI Funding, Inc. Contact: Jonathan Blee. (10 minutes)

Commissioner Douglas moved and Commissioner Rosenfeld seconded staff's recommendation to deny the Appeal. The vote was unanimous. (3-0)

2. CPV VACA STATION POWER PLANT (08-AFC-11). Contact: Rod Jones. (5 minutes)
 - a. Possible approval of the Executive Director's data adequacy recommendation for the CPV Vaca Station Power Plant, a nominal 660-megawatt combined cycle facility located on land owned by the City of Vacaville at the intersection of Lewis and Fry roads within the city limits.

Commissioner Douglas moved and Commissioner Rosenfeld seconded approval of the Executive Director's recommendation that the AFC be found data adequate. The vote was unanimous. (3-0)

- b. Possible appointment of a siting committee for CPV Vaca Station.

Vice Chair Boyd appointed Commissioner Byron presiding member and Commissioner Rosenfeld second member of a siting committee for the facility. The vote was unanimous. (3-0)

3. BR LABORATORIES, INC. Possible approval of Contract 400-08-003 for \$170,000 with BR Laboratories, Inc. to conduct testing to ensure that appliances sold or offered for sale in California comply with energy efficiency standards. The test results are used as the basis for enforcement action against non-complying manufacturers and sellers. Contact: Tovah Ealey. (5 minutes)

Item 3 was moved to the February 11, 2009, agenda.

4. ASPEN ENVIRONMENTAL GROUP. Possible approval of Work Authorization 1910.002 for \$86,081.76 under Contract 400-07-032 with Aspen Environmental Group to update the Cost of Generation (COG) model and compare the COG Model to other models. (ERPA funding.) Contact Joel Klein. (10 minutes)

Mr. Klein noted the correct Work Authorization number is 1910.001. Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the Work Authorization. The vote was

unanimous. (3-0)

5. ENERGY INNOVATIONS SMALL GRANT PROGRAM. Possible approval of \$340,000 for four proposals responding to Solicitation Cycle 07-01G of the Energy Innovations Small Grant Program. (PIER natural gas funding.) Contact: Matt Coldwell (5 minutes)
 - a. 07-01-06G, Auburn University, Auburn, Alabama: *Reducing Natural Gas Consumption by Modifying Containers of Water Heaters*, \$95,000.
 - b. 07-01-09G, Randal Perisho, Conway, Missouri: *Low Cost Parabolic Trough*, \$55,000.
 - c. 07-01-11G, University of Arkansas, Little Rock: *Production of Syngas From Dairy Manure to Replace Natural Gas*, \$95,000.
 - d. 07-01-51, Energetics, Inc., Orange, California: *Algae Biomass Gasification*, \$94,560.

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the four proposals. The vote was unanimous. (3-0)

6. ENERGY INNOVATIONS SMALL GRANT PROGRAM. Possible approval of \$722,219 for eight proposals responding to Solicitation Cycle 07-03 of the Energy Innovations Small Grant Program. (PIER electricity funding.) Contact: Matt Coldwell (10 minutes)
 - a. 07-03-54, Miami University, Miami, Florida: *Novel Heat Exchanger Fin Surface Design for Improved Condensate Management*, \$77,993.
 - b. 07-03-12, Georgia Institute of Technology, Atlanta, Georgia: *A New Approach to CO2 Capture*, \$88,972.
 - c. 07-03-43, University of California, Davis: *Tandem Organic Solar Cell Using CNT and Mixed Quantum Dots*, \$81,463.
 - d. 07-03-51, Pennsylvania State University, University Park, Pennsylvania: *High G-load Combustor for Micro-turbines*, \$95,000.
 - e. 07-03-20, Exergy Controls, LLC, Signal Hill, California: *Demand Response Load Shedding System For Lighting*, \$94,895.
 - f. 07-03-42, Hydrogen Solutions International, Inc., Winchester, Virginia: *Rice Straw as a Renewable Hydrogen Source Proof of Concept*, \$95,000.
 - g. 07-03-02, Energy Concepts CO., LLC, Annapolis, Maryland: *Charge Air Chiller*, \$95,000.
 - h. 07-03-01, BioEnergy Solutions, LLC, Bakersfield, California: *Low-Cost Hydrogen Sulfide Reduction in Biogas Energy Systems*, \$93,896.

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the eight proposals. The vote was unanimous. (3-0)

7. CALRES 2008 Possible approval of CALRES 2008 as the public domain computer program for demonstrating compliance for newly constructed buildings with the 2008 *Low-Rise Residential Building Energy Efficiency Standards*. Contact: Robert Hudler. (10 minutes)

Item 7 was removed from the agenda.

8. EXISTING RENEWABLE FACILITIES PROGRAM GUIDEBOOK. Possible adoption of the *Committee Draft Existing Renewable Facilities Program Guidebook*. The *Guidebook* describes the Energy Commission's process for awarding production incentives to existing in-state renewable energy generating facilities. Contact: Jason Orta. (15 minutes)

Commissioner Rosenfeld moved and Commissioner Douglas seconded adoption of the Existing Renewable Facilities Program Guidebook. The vote was unanimous. (3-0)

9. EMERGING RENEWABLES PROGRAM GUIDEBOOK. Possible adoption of revisions to the *Emerging Renewables Program Guidebook*. The *Guidebook* addresses the requirements for receiving incentives to install eligible fuel cell systems and small wind generating systems that receive electricity from specified investor-owned utilities. Contact: James Lee. (10 minutes)

Item 9 was moved to the February 11, 2009, agenda.

10. **Minutes:** Approval of the January 14, 2008, Business Meeting Minutes.

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the Minutes. The vote was unanimous. (3-0)

11. **Commission Committee Presentations/Discussion:** – None.

12. **Chief Counsel's Report:** – None

13. **Executive Director's Report:** – None

14. **Legislative Director's Report** – None

15. **Public Adviser's Report** – None

16. **Public Comment:** – None

Vice Chair Boyd requested a closed session to discuss personnel matters pursuant to Government Code, Section 11126(a).

There being no further business, the meeting was adjourned to closed session at 10:45.

Appearances:

Mr. William E. Robinson, Best Best & Krieger, LLP

Ms. Jane Luckhardt, Downey Brand, LLP

Mr. Andrew C. Welch, Competitive Power Ventures, Inc.

Ms. Julee Malinowski Ball, Public Policy Advocates, LLC

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission