

STATE OF CALIFORNIA
California Energy Commission

Minutes of the February 24, 2010, Energy Commission Business Meeting.

The meeting was called to order at 10:04 by Chairman Karen Douglas. The Pledge of Allegiance was led by Chairman Douglas.

Present:

Karen Douglas, Chairman
James D. Boyd, Vice Chair
Jeffrey D. Byron, Commissioner

Robert B. Weisenmiller, Commissioner
Anthony Eggert, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. NORTHERN CALIFORNIA POWER AGENCY. Possible approval of the Executive Director's recommendation that Northern California Power Agency's Power Sale Agreement for the Lodi Energy Center be found compliant with the emission performance standard for local publicly-owned electric utilities under Senate Bill 1368 and California Code of Regulations, Title 20, sections 2900-2913. The Lodi Energy Center is a proposed 280-megawatt combined-cycle natural gas-fired electric generation facility, currently under review in the Energy Commission's Docket 08-AFC-10. Contact: Marc Pryor.

Commissioner Byron moved and Vice Chair Boyd seconded approval of the Consent Calendar. The vote was unanimous. (5-0)

2. HENRIETTA PEAKER PROJECT (01-AFC-18C). Possible approval of a petition by GWF Energy, LLC, to convert the Henrietta Peaker Project to the Henrietta Combined-Cycle Power Project by adding two once-through steam generators, an air-cooled condenser and a 25-megawatt steam turbine-generator. The facility is located near Lemoore, and the Lemoore Naval Air Station, in rural Kings County. Contact: Matt Trask. (10 minutes)

Item 2 was postponed to a later date.

3. HANFORD ENERGY PARK PEAKER PROJECT (01-EP-7C). Possible approval of a petition by GWF Energy, LLC, to convert the Hanford Energy Park Peaker Project to the Hanford Combined-Cycle Power Project by adding two once-through steam generators, an air-cooled condenser and a 25-megawatt steam turbine-generator. The facility is located in Hanford, Kings County. Contact: Matt Trask. (10 minutes)

Item 3 was postponed to a later date.

4. AES HIGHGROVE POWER PLANT PROJECT (06-AFC-02). Possible adoption of a committee recommendation to terminate proceedings for the AES Highgrove Power Plant

Project. On February 2, 2010, AES Highgrove, LLC, filed a notice pursuant to California Code of Regulations, Title 20, section 1709.8, withdrawing the Application for Certification. Applicant's Notice of Withdrawal complies with Section 1709.8(a) of the Energy Commission's regulations. Contact: Paul Kramer. (10 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of the committee recommendation to terminate the project. The vote was unanimous. (5-0)

5. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of three grant applications totaling \$239,909 from the Public Interest Energy Research (PIER) program's Energy Innovations Small Grant Solicitation 09-01T. (PIER electricity funding.) Contact: Tony Tully. (5 minutes)
 - a. 09-01-21T, University of California, Los Angeles, *Validated Multi-Scale Analysis Tool for Mechanical Response of Open-Cell Aluminum Foam*, \$49,999. This project will increase efficiency of a broad range of transportation systems. It will create a computer-simulation analysis tool to predict the mechanical component response of aluminum foams used in structural design of fuel-efficient vehicles.
 - b. 09-01-12T, XCell Power, LLC, Fremont, CA, *Metal-Supported Solid Oxide Fuel Cells for APU Applications*, \$94,910. This project will increase the durability and reduce the costs of solid oxide fuel cell technology for auxiliary power unit applications in long haul trucks. The key concept uses a novel fabrication technique in which fuel cell components are manufactured as one unit instead of four separate units.
 - c. 09-01-20T, The Curators of the University of Missouri, Columbia, MO, *Lower Cost and Higher Density PHEV Battery*, \$95,000. This project will increase battery durability and reduce costs. The key concept uses a new battery design that uses increased distance between electrodes to reduce the likelihood of short circuits without negatively affecting battery performance. In addition, the surface area of the electrode is increased to create faster reactions and higher power output.

Vice Chair Boyd moved and Commissioner Byron seconded approval of the three grant applications. The vote was unanimous. (5-0)

6. UNIVERSITY OF CALIFORNIA. Possible approval of \$800,000 for Work Authorization MRA-02-084 under contract 500-02-004, with the Regents of the University of California/California Institute for Energy and the Environment. This agreement continues collaboration with University of California, California State University, and California Community College facilities deploy energy efficient technologies through demonstrations at campuses, State, Federal, commercial, and industrial facilities. (PIER electricity funding.) Contact: David Weightman (5 minutes).

Commissioner Byron moved and Vice Chair Boyd seconded approval of Work Authorization MRA-02-084. The vote was unanimous. (5-0)

7. ORDER INSTITUTING RULEMAKING - AB 758 COMPREHENSIVE ENERGY EFFICIENCY PROGRAM FOR EXISTING BUILDINGS. Possible approval of an Order Instituting Rulemaking to begin a public proceeding to develop strategies for a comprehensive program to improve the energy efficiency of existing residential and

nonresidential buildings in response to AB 758 (Skinner, Statutes of 2009). The proceeding will ultimately result in newly developed and adopted regulations. Contact: Bill Pennington. (10 minutes)

Commissioner Eggert moved and Vice Chair Boyd seconded approval of the Order Instituting Rulemaking. The vote was unanimous. (5-0)

8. **Minutes:** Approval of the February 17, 2010, Business Meeting Minutes.

Commissioner Byron moved and Commissioner Weisenmiller seconded approval of the Minutes. The vote was 4-0-1. Vice Chair Boyd abstained.

9. **Commission Committee Presentations and Discussion:**

Vice Chair Boyd reported that a high-level working group has been formed to address policy issues related to carbon capture and is expected to begin work in March.

Commissioner Eggert reported that the Strategic Growth Council's consensus document on federal transportation policies has been completed and will be available soon.

10. **Chief Counsel's Report:** Acting Chief Counsel Jonathan Blees gave the report and introduced Jennifer Martin-Gallardo, who has joined the Chief Counsel's Office as a staff attorney.

11. **Executive Director's Report:** None.

12. **Public Adviser's Report:** None.

13. **Public Comment:**
Mr. Chris Chaddock

14. **Internal Organization and Policy.** No report.

Appearances:

Mr. Nehemiah Stone, The Benningfield Group

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission