

Minutes of the September 12, 2007, Energy Commission Business Meeting.

The meeting was called to order at 10:00 a.m. by Chairman Jackalyne Pfannenstiel. The Pledge of Allegiance was lead by Chairman Pfannenstiel.

Present:

Jackalyne Pfannenstiel, Chairman  
Arthur H. Rosenfeld, Commissioner  
John L. Geesman, Commissioner  
Jeffrey D. Byron, 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. AMERICAN SOCIETY OF MECHANICAL ENGINEERS. Possible approval of co-sponsorship for \$1,195, staff time, and use of the Energy Commission's name and logo for the American Society of Mechanical Engineers – Internal Combustion Engine Division Fall 2007 Technical Conference in Charleston, South Carolina, October 14-17, 2007. Contact: Avtar Bining.
  - b. WEST COAST GREEN. Possible approval of co-sponsorship for \$10,000 and use of the Energy Commission's name for the West Coast Green Conference September 19-22, 2007 in San Francisco. Contact: Panama Bartholomy.
  - c. SOLAR ELECTRIC POWER ASSOCIATION. Possible approval of co-sponsorship for \$4,995 and use of the Energy Commission's name for the Solar Power 2007 Conference and Expo, September 24-27, 2007, in Long Beach. Contact: Marija Krapceovich.
  - d. BORDER ENERGY FORUM. Possible approval of co-sponsorship for \$3,000, staff time, travel expenses and use of the Energy Commission's name for the Border Energy Forum XIV Annual Conference, October 18-19, 2007, in San Diego. Contact: Alan Argentine.
  - e. WIRED NEXTFEST CONFERENCE 2007. Possible approval of a no cost co-sponsorship and use of the Energy Commission's logo for Wired Magazine's NextFest conference in Los Angeles, California. The event's Green Energy Pavilion will display information about the New Solar Homes Partnership. Contact: Amy Morgan.
  - f. 2008 ENERGY COMMISSION BUSINESS MEETING SCHEDULE. Possible approval of the 2008 Business Meeting Schedule. Contact: Harriet Kallemeyn.
  - g. INTER-CON SECURITY SYSTEMS, INC. Possible approval of Amendment 4 to Contract 200-05-001 with Inter-Con Security Systems, Inc., revising the hourly rates only – no change in budgeted amount. Contact: Karen Van Egdon.

- h. NATIONAL ASSOCIATION OF STATE ENERGY OFFICIALS. Possible approval of Contract 400-07-003 for \$18,650 with the National Association of State Energy Officials to continue the Energy Commission's membership for one year. Contact: John Sugar.
- i. ELECTRICITY STORAGE ASSOCIATION. Possible approval of Contract 500-07-007 for \$10,000 with Electricity Storage Association for co-sponsorship of the Electricity Energy Storage & Technology Applications 2007 Conference September 23-26, 2007, in San Francisco. Contact: Pramod Kulkarni.

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of the Consent Calendar. The vote was unanimous. (4-0)*

- 2. RUSSELL CITY ENERGY CENTER. Possible adoption of the Presiding Member's Amended Decision for the Russell City Energy Center (01-AFC-7). Contact: Paul Kramer. (10 minutes)

*Item 2 was continued to an unspecified date.*

- 3. SAN ELIJO JOINT POWER AUTHORITY: Possible approval of a loan for \$1,193,500 to the San Elijo Joint Power Authority to implement energy efficiency projects at the San Elijo Water Reclamation Facility. These projects are estimated to save the district approximately 770,000 kWh, and \$119,350 annually in reduced energy costs with a simple payback of 10 years. (ECAA and/or bond funding.) Contact Shahid Chaudhry. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the loan to the San Elijo Joint Power Authority. The vote was unanimous. (4-0)*

- 4. POINT REYES BIRD OBSERVATORY CONSERVATION SCIENCE. Possible approval of PIER Work Authorization MR-074 for \$500,000 PIER with Point Reyes Bird Observatory Conservation Science, under the UC Master Research Agreement Number 500-02-004 with The Regents of the University of California – Office of the President/CIEE, for *Biological Impacts of Climate Change in California*. This work will examine case studies of potential ecological impacts of climate change in California. (PIER electricity funding.) Contact: Guido Franco. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Work Authorization MR-074. The vote was unanimous. (4-0)*

- 5. UNIVERSITY OF CALIFORNIA, BERKELEY-CENTER FOR THE BUILT ENVIRONMENT. Possible approval of Contract 500-06-049 for \$600,000 with the UC Berkeley Center for the Built Environment. The project is expected to: (1) improve commissioning and energy analysis tools for underfloor air distribution systems for building ventilation; (2) investigate comfort and energy aspects of efficient radiant building cooling systems; (3) investigate and integrate a commercial fenestration design tool with the CBE thermal comfort simulation tool; and, (4) improve the usability of the thermal comfort simulation tool. (PIER electricity funding.) Contact: Chris Scruton. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-06-049. The vote was unanimous. (4-0)*

6. CONSORTIUM FOR ENERGY EFFICIENCY. Possible approval of Contract 500-07-005 with Consortium for Energy Efficiency for \$36,000 for co-sponsorship of the 2007 and 2008 Lighting for Tomorrow Design Competitions. (PIER electricity funding.) Contact: Michael Seaman. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-07-005. The vote was unanimous. (4-0)*

7. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Contract 500-07-006 for \$250,000 with the U. S. Department of Energy – Lawrence Berkeley National Laboratory to develop test procedures for residential forced air system cabinet leakage and blower efficiency. (PIER electricity funding.) Contact: Martha Brook. (5minutes)

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Contract 500-07-006. The vote was unanimous. (4-0)*

8. ONE CYCLE CONTROL, INC. Possible approval of PIER work authorization MR-075 for \$334,204 with One Cycle Control, Inc., under the UC Master Research Agreement Number 500-02-004 with The Regents of the University of California – Office of the President/CIEE, for *Field Demonstration of One-Cycle Control Active Power Filter*. This project will demonstrate and evaluate one-cycle control active power filters at three industrial facilities. (PIER electricity funding.) Contact: Geoff Lesh. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Geesman seconded approval of Work Authorization MR-075. The vote was unanimous. (4-0)*

9. MRW & ASSOCIATES, INC. Possible approval of Contract 150-07-004 for \$799,602 with MRW & Associates, Inc. to perform specific tasks related to analyses directed by AB 1632, including assessing the vulnerability of large baseload generation facilities to a major disruption from plant aging or a major seismic event. (ERPA funding.) Contact: Barbara Byron. (5 minutes)

*Commissioner Geesman moved and Commissioner Byron seconded approval of Contract 150-07-004. The vote was unanimous. (4-0)*

10. AB 32 IMPLEMENTATION. Possible approval of recommendations by the Energy Commission's AB 32 Implementation Committee to the California Air Resources Board regarding implementation of mandatory reporting and tracking requirements for greenhouse gas emissions from consumption of electricity in California. This is a joint proceeding with the California Public Utilities Commission (Docket 07-OIIP-01). Contact: Karen Griffin. (10 minutes)

*Commissioner Byron moved and Commissioner Geesman seconded approval of the Committee's recommendations. The vote was unanimous. (4-0)*

**11. Minutes**

Approval of the August 29, 2007, Business Meeting Minutes.

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the August 29, 2007, minutes. The vote was 3-0-1. Commissioner Geesman abstained.*

**12. Commission Committee Presentations/Discussion - None**

**13. Chief Counsel's Report - None**

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

**15. Legislative Director's Report –** Legislative Director Mike Smith gave the report.

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

**17. Public Comment – None**

There being no further business, the meeting was adjourned at 12:30.

Respectfully Submitted,

HARRIET KALLEMEYN  
Secretary to the Commission

**Appearances:**

Mr. George Aiken, Federal Aviation Administration (by telephone)

Mr. Greg Wheatland, Calpine

Mr. Mike Argentine, Calpine

Mr. Paul Haavik, Intervenor

Ms. Audrey LePell, Citizens for Alternative Transportation Solutions

Mr. Stuart Flashman, Attorney, Citizens for Alternative Transportation Solutions

Mr. Patrick Miles, California Department of Transportation

Mr. Ernest Pacheco

Ms. Jane Luckhardt, SMUD

Mr. Norman Pedersen, Southern California Public Power Authority