

**STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION**

Minutes of the December 3, 2008, Energy Commission Business Meeting.

The meeting was called to order at 10:06 a.m. by Chairman Jackalyne Pfannenstiel. The Pledge of Allegiance was led by Chairman Pfannenstiel.

Present:

Jackalyne Pfannenstiel, Chairman
James D. Boyd, Vice Chair
Arthur H. Rosenfeld, Commissioner
Jeffrey D. Byron, Commissioner
Karen Douglas, 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. **ENERGY MANAGEMENT WORKSHOP FOR WATER AND WASTEWATER TREATMENT SYSTEMS.** Possible approval of a no-cost co-sponsorship and use of the Energy Commission's name and logo for the Energy Management Workshop for Water and Wastewater Treatment Systems, December 16, 2008, in Sacramento. The workshop, sponsored by the U.S. Environmental Protection Agency, Region 9, will focus on reducing energy use and increasing savings at water and wastewater treatment facilities. Contact: Shahid Chaudhry.
 - b. **UNIVERSITY OF CALIFORNIA.** Possible approval of Amendment 1 to Work Authorization MR-045 under Master Research Agreement 500-02-004 with the Regents of the University of California, Office of the President, CIEE for a no-cost time extension of 15 months to complete Task 2 of the **West Coast Regional Carbon Sequestration Partnership, Phase II** project. The time extension is needed because the original industry partner for the pilot storage well in northern California was unable to fulfill its role due to business difficulties. A replacement partner has been found and has agreed to complete Task 2, but the change caused considerable delay. Contact: Linda Spiegel.
 - c. **WESTERN UNITED RESOURCE DEVELOPMENT.** Possible approval of Amendment 4 to Agreement 400-01-001 with Western United Resource Development, Inc., for a no-cost time extension of 60 months. This extension will enable the contractor to continue monitoring and administering incentive and buy down biogas projects awarded under the Dairy Power Production Program. Contact: Valentino Tiango.

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

2. **CALSTART.** Possible approval of Contract 600-08-003 for \$50,000 with CALSTART to co-sponsor the Target 2030: Meeting the California Transportation Energy and Climate Challenges Conference January 14-15, 2009, in Sacramento. The conference will highlight the Energy Commission's work on the Alternative and Renewable Fuel and Vehicle Technology Program (AB 118) and the regulations adopted by the Air Resources Board as part of the California Global Warming Solutions Act of 2006 (AB 32). (ERPA funding.) Contact: Mike Trujillo. (10 minutes)

Commissioner Boyd moved and Commissioner Byron seconded approval of Contract 600-08-003. The vote was unanimous. (5-0)

3. ICF CONSULTING, LLC. Possible approval of Contract 600-08-004 for \$98,347 with ICF Consulting, LLC to provide vehicle technology data for CALCARS forecasts of transportation energy demand. The contractor will collect data on an expanded range of alternative fuel and higher efficiency vehicles, reflecting the impacts of climate change legislation and higher fuel prices. (ERPA funding.) Contact: Laura Lawson. (5 minutes)

Commissioner Boyd moved and Commissioner Douglas seconded approval of Contract 600-08-004. The vote was unanimous. (5-0)

4. UC DAVIS. Possible approval of competitive Grant Agreement PIR-08-004, awarding \$499,960 to the Regents of the University of California, Davis to conduct field data collection and analysis of nitrous oxide (N₂O) emissions from the application of fertilizers in agricultural soils to improve N₂O emissions estimates. (PIER electricity funding.) Contact: Guido Franco. (5 minutes)

Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of Grant Agreement PIR-08-004. The vote was unanimous. (5-0)

5. UC IRVINE. Possible approval of competitive Grant Agreement PIR-08-005, awarding \$199,737 to the University of California, Irvine to conduct a case study to estimate the water usage and reduce future water demand from urban landscaping. (PIER electricity funding.) Contact: Guido Franco. (5 minutes)

Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of Grant Agreement PIR-08-005. The vote was unanimous. (5-0)

6. UC DAVIS. Possible approval of competitive Grant Agreement PIR-08-006, awarding \$199,997 to the University of California, Davis to provide an assessment of greenhouse gas emissions associated with deforestation caused by urban development, and assess economic and policy implications of future development. (PIER electricity funding.) Contact: Sarah Pittiglio. (5 minutes)

Item 6 was moved to the December 17 Business Meeting agenda.

7. UC SANTA BARBARA. Possible approval of Contract 500-08-020 for \$300,000 with the Regents of the University of California, Santa Barbara to use the BioMove model, created under a previous PIER contract, to refine and enhance projections of changes in the geographical distribution of vegetative species due to climate change. Results will provide terrestrial inputs for advanced climate models that will inform planners on future energy demand and water supplies for electricity generation. (PIER electricity funding.) Contact: Sarah Pittiglio. (5 minutes)

Commissioner Boyd moved and Commissioner Rosenfeld seconded approval of Contract 500-08-020. The vote was unanimous. (5-0)

8. SB 107 JOINT COMMISSION REPORT. Possible adoption of the *Joint Commission Staff Report on Tracking System Operational Determination*. Senate Bill 107 (Chapter

464, 2006 Statutes) granted the California Public Utilities Commission (CPUC) the ability to authorize the use of renewable energy credits (RECs) toward Renewable Portfolio Standard (RPS) obligations. Before authorizing tradable RECs, the Energy Commission and CPUC must agree that a tracking system is operational, is capable of independently verifying that all renewable energy used for RPS compliance is generated by an eligible facility and delivered to the retail seller, and can ensure that RECs are not double counted. The *Joint Commission Report* proposes criteria and evaluation methods that will be used to make these determinations and concludes that the tracking system meets these requirements. Contact: Angela Gould. (10 minutes)

Commissioner Douglas moved and Commissioner Boyd seconded adoption of the Joint Commission Staff Report on Tracking System Operational Determination. The vote was unanimous. (5-0)

9. FINAL ENVIRONMENTAL IMPACT REPORT FOR PART A OF THE 2008 APPLIANCE EFFICIENCY REGULATIONS. Possible certification of the Final Environmental Impact Report for the proposed Part A amendments to the Appliance Efficiency Regulations under the California Environmental Quality Act. Part A includes new lighting efficiency standards for general purpose lighting and for portable lighting fixtures. Contact: William Staack. (15 minutes)

Commissioner Rosenfeld moved and Commissioner Douglas seconded certification of the Environmental Impact Report for the proposed Part A amendments to the Appliance Efficiency Regulations. The vote was unanimous. (5-0)

Commissioner Rosenfeld then moved and Commissioner Douglas seconded adoption of the Findings of Fact and Statement of Overriding Considerations for the final Environmental Impact Report. The vote was unanimous. (5-0)

10. NEGATIVE DECLARATION FOR PART B OF THE 2008 APPLIANCE EFFICIENCY REGULATIONS. Possible adoption of the proposed Negative Declaration, including a Finding of No Significant Impact under the California Environmental Quality Act, for the proposed Part B amendments to the Appliance Efficiency Regulations. Part B includes revised standards for metal halide fixtures; a new voluntary test procedure for battery charger systems; clarification of the current regulations for residential pool pumps, including standards for replacement of pool pump motors; clarification of the current test method for portable electric spas; and updates and revisions to the Appliance Efficiency Regulations necessary for consistency with federal laws. Contact: Peter Strait. (10 minutes)

Commissioner Rosenfeld moved and Commissioner Byron seconded adoption of the Negative Declaration for Part B of the proposed 2008 Appliance Efficiency Regulations. The vote was unanimous. (5-0)

11. 2008 APPLIANCE EFFICIENCY REGULATIONS, PARTS A AND B. Possible adoption of proposed amendments to the Appliance Efficiency Regulations in Title 20 of the California Code of Regulations. Part A includes lighting efficiency standards for general purpose lighting and portable lighting fixtures. Part B includes revised standards for metal halide fixtures; a new voluntary test procedure for battery charger systems; clarification of the current regulations for residential pool pumps, including standards for replacement of pool pump motors; clarification of the current test method for portable

electric spas; and updates and revisions to the Appliance Efficiency Regulations necessary for consistency with federal laws. Contact: Melinda Merritt. (15 minutes)

Commissioner Rosenfeld moved and Commissioner Douglas seconded adoption of the 2008 Appliance Efficiency Regulations, Parts A and B. The vote was unanimous. (5-0)

12. GUIDELINES FOR SOLAR ELECTRIC INCENTIVE PROGRAMS. Possible approval of *Guidelines for California's Solar Electric Incentive Programs (Senate Bill 1), Second Edition* Committee Final Guidelines. Senate Bill 1 requires the Energy Commission to establish eligibility criteria, conditions for incentives and rating standards for electric ratepayer-funded solar energy incentive programs in California. Contact: Lynette Green. (10 minutes)

Commissioner Douglas moved and Commissioner Boyd seconded approval of the Guidelines for California's Solar Electric Incentive Programs (Senate Bill 1), Second Edition. The vote was unanimous. (5-0)

13. **Approval of the November 20, 2008, Business Meeting Minutes.**

Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the November 20 Minutes. The vote was 4-0-1. Commissioner Boyd abstained.

14. **Commission Committee Presentations/Discussion-** -None.
15. **Chief Counsel's Report** – Chief Counsel Bill Chamberlain requested a closed session pursuant to Government Code Section 11126(e).
16. **Executive Director's Report** Chief Deputy Director Claudia Chandler gave the report.
17. **Legislative Director's Report** – Legislative Director Chris Marxen gave the report.
18. **Public Adviser's Report** – Public Adviser Elena Miller gave the report.
19. **Public Comment** – None.

Appearances:

Mr. Gary Fernstrom, Pacific Gas and Electric Company
Mr. Tom Harding, Venture Lighting and National Electric Manufacturing Association
Mr. Trent South, California Alarm Association
Ms. Samantha Omev, Honeywell International and Security Industry Association
Mr. Terry Snow, Independent Pool and Spa Association
Ms. Amanda Stevens, Energy Solutions

There being no further business, the meeting was adjourned to a closed session.

Respectfully submitted,

HARRIET KALLEMEYN

Secretary to the Commission