

**State of California  
California Energy Commission**

Minutes of the January 14, 2009, Energy Commission Business Meeting.

The meeting was called to order at 10:00 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  
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. INDEPENDENT POOL AND SPA SERVICE ASSOCIATION (IPSSA) ENERGY CONFERENCE 2009. Possible approval of a no-cost co-sponsorship and use of the Energy Commission's name and logo for the IPSSA Energy Conference, February 5, 2009, in Long Beach. The conference will bring industry members together to present information about implementation of the newly adopted Appliance Efficiency Standards for pool pump motors. Contact: Kenneth Rider.
  - b. PERFORM 2008. Possible approval of Perform 2008 as the public domain program for demonstrating compliance with the 2008 Building Energy Efficiency Standards for nonresidential buildings. Contact: Robert Hudler.
  - c. BAY AREA CENTER FOR INTERNATIONAL TRADE DEVELOPMENT CONFERENCE. Possible approval of \$4,950, staff time and use of the Energy Commission's name and logo to co-sponsor the Bay Area Center for International Trade Development Conference: *Implementation of Renewable Energy in the Emerging Markets of Africa, Latin America, and the Caribbean*. The event will focus on strategies for infrastructure development, carbon trading, renewable energy credits, financing utility-scale projects, current technologies and other opportunities for California/US companies to access the emerging markets through partnerships. Contact: John Sugar.

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

2. CITY OF RIVERSIDE. Possible approval of the Executive Director's recommendation that the City of Riverside's contract with Shoshone Renaissance Geothermal Project, Northern Utah, be found compliant with the Emission Performance Standard for local publicly-owned utilities under SB 1368 (California Code of Regulations, Title 20, Sections 2900-2913.) Contact: Marc Pryor. (5 minutes)

*Commissioner Byron moved and Commissioner Douglas seconded approval of the Executive Director's recommendation that the contract be found compliant with the Emission Performance Standard. The vote was unanimous. (4-0)*

3. SAN JOAQUIN SOLAR 1 & 2 POWER PROJECT (08-AFC-12). Contact: Joseph Douglas. (10 minutes)
  - a. Possible approval of the Executive Director's data adequacy recommendation for the San Joaquin Solar 1 & 2 hybrid project. The project consists of two hybrid design solar thermal electric generating plants, comprising a solar field and biomass facility for each plant and will produce up to a nominal 106.8 megawatts (MW) net of renewable energy.
  - b. Possible appointment of a siting committee for the San Joaquin project.

*Commissioner Byron moved and Commissioner Rosenfeld seconded approval of the Executive Director's recommendation that the AFC be found data inadequate at this time. The vote was unanimous. (4-0) As a result, Item 3.b. was not heard.*

4. 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.
  - b. Possible appointment of a siting committee for CPV Vaca Station.

*Commissioner Douglas moved and Commissioner Byron seconded approval of the Executive Director's recommendation that the AFC be found data inadequate at this time. The vote was unanimous. (4-0) As a result, Item 4.b. was not heard.*

5. STIRLING ENERGY SYSTEMS SOLAR ONE PROJECT (08-AFC-13). Contact: Christopher Meyer. (10 minutes)
  - a. Possible approval of the Executive Director's data adequacy recommendation for the Stirling Energy Systems Solar Three, LLC and Stirling Energy Systems Solar Six, LLC Application for Certification of the Stirling Energy Systems Solar One Project, a nominal 850-megawatt Stirling engine solar project proposed on 8,230 acres of public land managed by the Bureau of Land Management in San Bernardino County.
  - b. Possible appointment of a siting committee for the Solar One Project.

*Commissioner Byron moved and Commissioner Douglas seconded approval of the Executive Director's recommendation that the AFC be found data inadequate at this time. The vote was unanimous. (4-0) As a result, Item 5.b. was not heard.*

6. ROBERT J. WATSON ENTERPRISES, INC. Possible approval of Contract 150-08-003 for \$193,201 with Robert J. Watson Enterprises, Inc., dba Resolution, to provide facilitated opportunities for learning and developing communication skills, problem prevention and conflict resolution for Energy Commission staff. (ERPA funding.) Contact: Christina Edwards. (5 minutes)

*Item 6 was removed from the agenda.*

7. NEW POINT GROUP. Possible approval of Purchase Order 08-409.00-007 for \$218,475 with New Point Group to develop a Feasibility Study Report for a fully integrated enterprise system that encompasses all of the programmatic and administrative processes for tracking Energy Commission projects. (ERPA funding.) Contact: Larry Smith. (5 minutes)

*Commissioner Douglas moved and Commissioner Byron seconded approval of Purchase Order 08-409.00-007. The vote was unanimous. (4-0)*

8. UNIVERSITY OF MISSOURI, COLUMBIA. Possible approval of Contract 500-08-022 for \$1,000,000 with the Curators of the University of Missouri, Columbia to develop an Advanced Adsorbed Natural Gas Tank for natural gas vehicle on-board and fueling station storage applications. The University of Missouri will refine its corn-cob activated carbon material and design low-pressure (500 psi), flat-panel tanks for use in natural gas vehicles and fueling stations. Successful implementation of the material advances and design innovations could reduce storage tank costs by up to 70 percent. The project includes \$300,000 in cost share from the University of Missouri. (PIER natural gas funding.) Contact: McKinley Addy. (10 minutes)

*Item 8 was removed from the agenda.*

9. UC SANTA CRUZ. Possible approval of competitive Grant Agreement PIR-08-03, awarding \$68,275 to the Regents of the University of California, Santa Cruz to resurvey the historic valley oak woodland and initiate monitoring in new areas. The work will allow researchers to analyze changes over the past half-century in the context of climate change, to evaluate current bio-climatic models for this species and to make better predictions for future scenarios. (PIER funding.) Contact: Sarah Pittiglio. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of Grant Agreement PIR-08-03. The vote was unanimous. (4-0)*

10. UC DAVIS. Possible approval of competitive Grant Agreement PIR-08-007, awarding \$262,323 to the Regents of the University of California, Davis to use case studies of greenhouse gas emission opportunities in five California cities to increase knowledge of how local government can use their land use planning and other decision-making power to help California move toward a lower-carbon future. (PIER funding.) Contact: Sarah Pittiglio. (5 minutes)

*Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of Grant Agreement PIR-08-007. The vote was unanimous. (4-0)*

11. PORTLAND STATE UNIVERSITY. Possible approval of Contract 500-08-024 for \$1,213,787 with Portland State University to apply advanced analytic techniques to the best available data on residential energy use to improve assessment of changing residential energy consumption, and to develop next-generation models to support effective carbon-reduction policies and programs. (PIER natural gas funding.) Contact: David Michel. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of Contract 500-08-024. The vote was unanimous. (4-0)*

12. ELECTRIC TRANSMISSION-RELATED DATA REQUESTS. Possible adoption of *Forms and Instructions for Submitting Electric Transmission-related Data*. This publication represents formal data requests to California's electric transmission system owners for data on the bulk transmission networks and on specific projects identified in their transmission expansion plans, as well as on anticipated transmission corridor needs. These data will be used to prepare analyses and recommendations for the *2009 Integrated Energy Policy Report and the 2009 Strategic Transmission Investment Plan*. Contact: Mark Hesters. (10 minutes)

*Commissioner Byron moved and Commissioner Douglas seconded adoption of the Forms and Instructions. The vote was unanimous. (4-0)*

13. NON-RESIDENTIAL BUILDING STANDARDS COMPLIANCE MANUAL. Possible approval of the *Non-Residential Building Standards Compliance Manual*. Contact: Maziar Shirakh. (10 minutes)

*Commissioner Rosenfeld moved and Commissioner Douglas seconded approval of the Non-Residential Building Standards Compliance Manual. The vote was unanimous. (4-0)*

14. MINUTES. Possible approval of the Minutes of the December 17, 2008, Business Meeting.

*Commissioner Rosenfeld moved and Commissioner Byron seconded approval of the December 17 Minutes. The vote was unanimous. (4-0)*

15. **Commission Committee Presentations/Discussion** – Commissioner Byron reported on the work of the Electricity and Natural Gas Committee and the IEPR Committee.
16. **Chief Counsel's Report** – Chief Counsel Bill Chamberlain requested a closed session pursuant to Government Code Section 11126(e).
17. **Executive Director's Report** – None
18. **Public Adviser's Report** – Public Adviser Elena Miller gave the report.

19. **Public Comment** – None

Appearances:

Mr. David Wright, City of Riverside

Mr. Jed Gibson, San Joaquin Solar, LLC

Mr. Andrew E. Welch, Competitive Power Ventures

Mr. Allan J. Thompson, Attorney for Stirling Energy Systems

Ms. Camille Champion, Stirling Energy Systems

There being no further business, the meeting was adjourned to closed session at 11:00.

Respectfully submitted,

HARRIET KALLEMEYN  
Secretary to the Commission