

STATE OF CALIFORNIA
California Energy Commission

Minutes of the September 8, 2010, Energy Commission Business Meeting.

The meeting was called to order at 10:05 by Chairman Karen Douglas. The Pledge of Allegiance was lead by Chairman Douglas.

Present:

Karen Douglas, Chairman
James D. Boyd, Vice Chair

Robert B. Weisenmiller, Commissioner
Anthony Eggert, Commissioner

Six Energy Commission employees received Superior Accomplishment Awards that were presented by Executive Director Melissa Jones. The honorees were Chris Kavalec Linda Kelly and Angela Tanghetti of the Electricity Supply and Analysis Division, and April Albright, Hilarie Anderson, Chris Davis, Teraja Golston, Mark Hamblin, Joseph Merrill, Maria Santourdjian and Rick York of the Siting, Transmission and Environmental Protection Division.

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. UNIVERSITY OF CALIFORNIA, NATIONAL FUEL CELL RESEARCH CENTER. Possible approval of a revision to Agreement PIR-09-018 with the Regents of the University of California, Irvine, National Fuel Cell Research Center to modify the matching funds language in the Work Statement. This will address the expected timing of the match funds from other sources. The proposed revision will not change the scope of work, budget, or term of the grant. Contact: Rizaldo Aldas.
 - b. CALIFORNIA AIR RESOURCES BOARD. Possible approval of Amendment 1 to Contract 500-06-043 with the California Air Resources Board for a one-year no-cost time extension to develop emission-control technologies for natural gas- and biodiesel-powered medium- to heavy-duty engines. Additional time is needed to complete data collection for the project and resolve discrepancies observed in the data set. Contact: Diana Mircheva.

Vice Chair Boyd moved and Commissioner Eggert seconded approval of the Consent Calendar. The vote was unanimous. (4-0)

2. STION CORPORATION. Possible approval of Agreement 002-10-CEB for a \$5 million loan to Stion Corporation to expand the manufacture of thin film solar modules at Stion's San Jose factory. The project will expand capacity by 140 megawatts per year and is expected to be completed by December 2011. The project will create or retain an estimated 73 full-time equivalent jobs. (ARRA funding.) Contact: Marcia Smith. (5 minutes)

Vice Chair Boyd moved and Commissioner Eggert seconded approval of Agreement 002-10-CEB. The vote was unanimous. (4-0)

3. ENERGY INNOVATIONS, INC. Possible approval of Agreement 006-10-CEB for a loan of \$3,493,797 to Energy Innovations, Inc., to purchase equipment for a concentrated solar energy system factory in Poway, California. The factory will have an annual capacity of 60 megawatts and is expected to be completed in the fourth quarter of 2011. The project will create or retain an estimated 240 full-time equivalent jobs. (ARRA funding.) Contact: Marcia Smith. (5 minutes)

Commissioner Eggert moved and Vice Chair Boyd seconded approval of Agreement 006-10-CEB. The vote was unanimous. (4-0)

4. SOLIANT ENERGY, INC. Possible approval of Agreement 003-10-CEB for a loan of \$2,089,711 to Soliant Energy, Inc., to purchase equipment for a concentrated solar photovoltaic solar panel factory in San Bernardino. The factory will have a capacity of 40 megawatts annually and is expected to be completed as early as October 2011. The project will create or retain an estimated 118 full-time equivalent jobs. (ARRA funding.) Contact: Marcia Smith. (5 minutes)

Commissioner Eggert moved and Commissioner Weisenmiller seconded approval of Agreement 003-10-CEB. The vote was unanimous. (4-0)

5. BENNINGFIELD GROUP. Possible approval of Contract 500-10-019 for \$1,270,830 with Benningfield Group to research energy use in multifamily buildings. The data will provide information leading to more appropriate building envelope requirements and analytical tools related to ventilation and fenestration in multifamily buildings, resulting in estimated energy savings of 30 percent or more. (PIER electricity and natural gas funding.) Contact: Golam Kibrya. (5 minutes)

Vice Chair Boyd moved and Commissioner Eggert seconded approval of Contract 500-10-019. The vote was unanimous. (4-0)

6. UNIVERSITY OF CALIFORNIA, DAVIS. Possible approval of Contract 500-10-020 for \$238,310 with the Regents of the University of California, Davis to determine habitat use and suitability of young desert tortoises. The project will assess methods to increase survival and mitigate energy development in California deserts. (PIER electricity funding.) Contact: Misa Milliron. (5 minutes)

Vice Chair Boyd moved and Commissioner Weisenmiller seconded approval of Contract 500-10-020. The vote was unanimous. (4-0)

7. ELK HILLS POWER PROJECT (99-AFC-1C). Possible approval of a petition to amend the Elk Hills Power Project, changing three air quality conditions of certification. The changes modify the cooling tower PM10 emission limit due to increased levels of total dissolved solids in the source water supply for the facility, and for consistency with the air district's permits. Contact: Mary Dyas. (10 minutes)

Commissioner Weisenmiller moved and Commissioner Eggert seconded approval of the amendment. The vote was unanimous. (4-0)

8. ABENGOA MOJAVE SOLAR PROJECT (09-AFC-5). Possible adoption of the Presiding Member's Proposed Decision on the Abengoa Mojave Solar Project and errata. The Abengoa project will occupy a 1,765-acre site in unincorporated San Bernardino

County near Hinkley, California. The project will have a combined nominal electric output of 250 megawatts from two independently operable solar fields. Contact: Kourtney Vaccaro. (35 minutes)

Commissioner Eggert moved and Vice Chair Boyd seconded adoption of the Proposed Decision and errata, with revisions to the errata as discussed today. The vote was unanimous. (4-0)

9. **Minutes:** Possible approval of the August 25, 2010, Business Meeting Minutes.

Vice Chair Boyd moved and Commissioner Eggert seconded approval of the Minutes. The vote was unanimous. (4-0)

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

Vice Chair Boyd has been appointed to the National Petroleum Council by Secretary of Energy Stephen Chu.

Commissioner Eggert reported on the CAPCOA Climate Conference, which he and Vice Chair Boyd attended.

Commissioner Weisenmiller reported on the work of the Desert Renewable Energy Conservation Plan and the work of the stakeholder committee, currently meeting in Southern California.

11. **Chief Counsel's Report:** None.

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

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

14. **Public Comment:** None.

Appearances:

Mr. Chris Ellison, Ellison Schneider and Harris, LLP

Mr. Bart Brizzee, San Bernardino County (by telephone)

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission