

State of California
California Energy Commission

Minutes of the October 20, 2010, Energy Commission Business Meeting.

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

Present:

Karen Douglas, Chairman
Jeffrey D. Byron, Commissioner

Robert B. Weisenmiller, Commissioner
Anthony Eggert, Commissioner

1. HUNTINGTON BEACH GENERATING STATION (00-AFC-13C). Possible approval of a petition to amend the license expiration date for AES Huntington Beach Units 3 and 4 from September 30, 2011 to December 31, 2020. Contact: Christina Snow. (10 minutes)

Commissioner Weisenmiller moved and Commissioner Byron seconded approval of the petition and errata as discussed today. The vote was unanimous. (4-0)

2. COUNTY OF ALAMEDA. Possible approval of Agreement 006-10-ECE-ARRA for a loan of \$3 million to the County of Alameda to retrofit 7,500 street light fixtures from high pressure sodium lamps to light emitting diode lamps. The retrofit will reduce energy consumption by approximately 2.3 million kilowatt hours and save approximately \$280,000 annually in reduced energy costs with a simple payback of 11 years based on the loan amount. (ARRA funding.) Contact: Adel Suleiman. (5 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of Agreement 006-10-ECE-ARRA. The vote was unanimous. (4-0)

3. CITY OF DUARTE. Possible approval of Agreement 003-10-ECE-ARRA for a loan of \$226,666 to the City of Duarte to upgrade HVAC, lighting, and building controls. These projects are expected to result in annual energy cost savings of \$20,606, with a simple payback of 11 years based on the loan amount. (ECAA-ARRA funding.) Contact: Haile Bucaneg. (5 minutes)

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

4. WESTERN GOVERNORS' ASSOCIATION. Possible approval of Contract 150-10-003 to receive \$11,518 from the Western Governors' Association to continue preparations for federal nuclear waste shipments to the Waste Isolation Pilot Plant in New Mexico or to the Idaho National Laboratory. Contact: Barbara Byron. (5 minutes)

Commissioner Byron moved and Commissioner Weisenmiller seconded approval of Contract 150-10-003. The vote was unanimous. (4-0)

5. CALIFORNIA HIGHWAY PATROL. Possible approval of Contract 150-10-004 for \$11,108 with the California Highway Patrol (CHP) to reimburse the CHP for training,

inspections and/or escorts for nuclear waste shipments in California.
Contact: Barbara Byron. (5 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of Contract 150-10-004. The vote was unanimous. (4-0)

6. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Agreement PIR-10-013 with Lawrence Berkeley National Laboratory for a grant of \$200,000 to demonstrate and quantify the energy savings from using higher temperature cooling tower water in computer room air handlers. (PIER electricity funding.) Contact: Richard Sapudar. (5 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of Agreement PIR-10-013. The vote was unanimous. (4-0)

7. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Agreement PIR-10-014 for \$400,000 with Lawrence Berkeley National Laboratory to demonstrate the Data Automation Software and Hardware (DASH) system at a large scale enterprise data center. This system controls the cooling equipment by sensing the inlet air conditions and can significantly reduce cooling energy consumption. (PIER electricity funding.) Contact: Don Kazama. (5 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of Agreement PIR-10-014. The vote was unanimous. (4-0)

8. PORIFERA, INC. Possible approval of Agreement PIR-10-036 for a grant of \$115,397 to Porifera, Inc., to demonstrate carbon nanotube membranes for efficient separation of carbon dioxide from industrial emissions. Porifera, Inc., received a DOE ARRA grant for \$1,153,975 under Funding Opportunity Notice FOA-0000065 for this project and is providing \$173,097 in match funds, for a total project budget of \$1,442,469. (PIER electricity funding.) Contact: Cheryl Closson. (5 minutes)

Commissioner Byron moved and Commissioner Eggert seconded approval of Agreement PIR-10-036. The vote was unanimous. (4-0)

9. UNIVERSITY OF CALIFORNIA, SAN DIEGO. Possible approval of Agreement PIR-10-003 for a cost-share grant of \$500,000 to the University of California, San Diego, to advance modeling tools and validate databases from micro-climate monitoring systems. The goal is to develop one hour ahead photovoltaic (PV) forecasts to efficiently integrate PV into the microgrid at UC San Diego. University of California, San Diego received a DOE ARRA grant for \$1,932,579 under Funding Opportunity Notice DE-FOA-0000085, for a total project budget of \$2,432,579. (PIER electricity funding.) Contact: Hassan Mohammed. (5 minutes)

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

10. **Minutes:**

- a. Possible approval of the September 22, 2010, Business Meeting Minutes.

Commissioner Byron moved and Commissioner Eggert seconded approval of the September 22 Minutes. The vote was unanimous. (4-0)

- b. Possible approval of the October 6, 2010, Business Meeting Minutes.

Commissioner Byron moved and Commissioner Weisenmiller seconded approval of the October 6 Minutes. The vote was unanimous. (4-0)

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

Commissioner Eggert reported on his recent meetings at the U. S. Department of Energy in Washington D.C., and yesterday's Plug-In Electric Vehicle Collaborative Infrastructure Workshop.

Commissioner Weisenmiller reported on the California ISO Symposium and commented on energy research activities at U.C. Merced.

12. **Chief Counsel's Report:** Chief Counsel Michael Levy requested a closed session pursuant to Government Code Section 11126(e) to discuss *Western Riverside Council of Governments v. Department of General Services* (Riverside County Superior Court RIC10005849), and to determine whether facts and circumstances exist that warrant the initiation of litigation; or that constitute a significant exposure to litigation against the Commission.

13. **Executive Director's Report:** Executive Director Melissa Jones gave the report.

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

15. **Public Comment:** None.

16. **Internal Organization and Policy.** None.

17. LOCAL GOVERNMENT COMMISSION. Possible approval of Contract 400-10-004 for \$33,176,912 with Local Government Commission to support Energy Upgrade California, the state-wide energy and water efficiency and renewable energy generation retrofit program for single- and multi-family residential and commercial buildings. (ARRA funding.) Contact: Panama Bartholomy. (20 minutes)

On the recommendation of Chief Counsel Michael Levy, Chairman Douglas adjourned today's meeting until 10 a.m. October 21, 2010, when the Energy Commission will consider whether to take up items 17, 18, and 19. Accordingly, an Order of Adjournment was posted continuing the meeting until 10 a.m. October 21, 2010.

18. DEPARTMENT OF GENERAL SERVICES. Possible approval of Contract 400-10-005 for \$33,176,912 with Department of General Services for administration of the Energy Efficient State Property Revolving Loan Program. (ARRA funding.) Contact: Panama Bartholomy. (10 minutes)

No action was taken on Item 18.

19. CALIFORNIA STATE TREASURER. Possible approval of Contract 400-10-006 for \$164,760 with the California State Treasurer for administration of the Energy Upgrade California financial clearinghouse. (ARRA funding.) Contact: Panama Bartholomy. (10 minutes)

No action was taken on Item 19.

Appearances:

Mr. Eric Pendergraft, AES Southland

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

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission