

STATE OF CALIFORNIA
California Energy Commission

Minutes of the September 7, 2011, Energy Commission Business Meeting

The meeting was called to order at 10:09 by Chair Robert B. Weisenmiller. The Pledge of Allegiance was lead by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair
James D. Boyd, Vice Chair

Karen Douglas, Commissioner
Carla Peterman, 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. CITY OF HEALDSBURG. Possible approval of the City of Healdsburg's locally adopted building energy standards to require greater energy efficiency than the *2008 Building Energy Efficiency Standards*. Contact: Joe Loyer.
 - b. TOWN OF WINDSOR. Possible approval of the Town of Windsor's locally adopted building energy standards to require greater energy efficiency than the *2008 Building Energy Efficiency Standards*. Contact: Joe Loyer.
 - c. CITY OF CORONADO. Possible approval of Amendment 1 to Agreement CBG-09-016 with the City of Coronado to add \$839, for a total grant of \$125,762, and extend the term of the agreement to June 14, 2012. The amendment revises the scope of work, the project list, and the budget to allow the city to implement lighting retrofits in lieu of the previously approved HVAC projects. In addition, the city has requested a time extension to complete the revised scope of work. This revised grant meets all requirements of the Energy Efficiency and Conservation Block Grant program solicitation PON-09-001 and fully awards the grant funds available to the city under the program. Contact: Akasha Kaur Khalsa.
 - d. CITY OF RANCHO MIRAGE. Possible approval of Amendment 1 to Agreement CBG-09-182 with the City of Rancho Mirage to extend the project completion date from September 14, 2011, to June 14, 2012. As a result of staff layoffs, the city is not able to complete the project on time. This amendment will allow the city to fully utilize the grant funds and realize the energy savings as proposed in the original application. Contact: Joseph Wang.
 - e. BRUCE WILCOX, P.E. Possible approval of Amendment 2 to Contract 400-09-001 with Bruce Wilcox, P.E. to extend the term one year to June 30, 2013. The project is research and documentation of issues identified during exploration of proposed measures for the 2013 Residential Building Energy Efficiency Standards. There is no change to the total amount of the contract. Contact: Ron Yasny.
 - f. ARCHITECTURAL ENERGY CORPORATION. Possible approval of Amendment 2 to Contract 400-09-002 with Architectural Energy Corporation to extend the term one year to June 30, 2013. The project is research and

documentation of issues identified during exploration of proposed measures for the 2013 Non-Residential Building Energy Efficiency Standards. There is no change to the total amount of the contract. Contact: Ron Yasny.

- g. PORTLAND ENERGY CONSERVATION, INC. Possible approval of Amendment 1 to Contract 400-10-002 with Portland Energy Conservation, Inc. (PECI) to remove “Reimbursable Task Costs” and “Total Task Cost” columns from Exhibit B Attachment B-1 Summary, add subcontractor Heschong Mahone Group to the contract, add new classifications, adjust rates, and add staff to PEGI and subcontractors New Buildings Institute (NBI), Architectural Energy Corporation (AEC), and CalCERTS. Contact: Devi Eden.
- h. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Amendment 4 to Contract 500-05-001 with Lawrence Berkeley National Laboratory for a 12-month no-cost time extension to September 30, 2012. This will allow the contractor to complete the technical reports and finish an analysis of implementation activities affecting demand response as a system reliability resource for the California Independent System Operator. Contact: Mike Gravely.
- i. ASPEN ENVIRONMENTAL GROUP. Possible approval of Amendment 2 to Contract 700-08-001 with Aspen Environmental Group for a one year no-cost time extension to complete the Desert Renewable Energy Conservation Plan. The extension would allow completion of some contractor assignments started during the original term of the contract, and would provide back-up contract coverage during the ramp-up of the next STEP Peak Workload Contract, which staff expects to competitively bid and execute by June 30, 2012. Contact: Joseph Merrill.
- j. CITY OF SOUTH PASADENA. Possible approval of Amendment 1 to Agreement CBG-09-183 with the City of South Pasadena to change the scope of work. The original project included traffic signal upgrades and HVAC replacements. The revised scope of work includes the retrofit of incandescent pedestrian signals to LED pedestrian signals, and upgrades to City Hall such as a cool roof system, wall insulation, HVAC equipment, ducting modifications, temperature sensors and controls. The revised project meets all program requirements and the total grant amount of \$136,878 is unchanged. Contact: Christopher Scott.

Item 1j was removed from the agenda.

Chair Weisenmiller recused himself from consideration of Item 1i. Commissioner Peterman moved and Commissioner Douglas moved approval of the remaining Consent Calendar, excluding 1i. Commissioner Peterman seconded the motion. The vote was unanimous. (4-0)

Chair Weisenmiller left the room. Commissioner Peterman moved and Commissioner Douglas seconded approval of Item 1i. The vote was unanimous. (3-0)

Following the vote, Chair Weisenmiller returned to the dais.

2. HIDDEN HILLS SOLAR ELECTRIC GENERATING SYSTEM (11-AFC-02). Contact: Mike Monasmith. (10 minutes)
 - a. Possible adoption of the Executive Director's data adequacy recommendation for the Hidden Hills Solar Electric Generating System.
 - b. Possible appointment of a siting case committee for the Hidden Hills project.

Commissioner Douglas moved and Vice Chair Boyd seconded approval of the Executive Director's recommendation that the Hidden Hills project be found data inadequate at this time. The vote was unanimous. (4-0) No action was taken on Item 2b.

3. GATEWAY GENERATING STATION (00-AFC-1C). Possible approval of a petition to modify several Air Quality conditions to reflect the Bay Area Air Quality Management District current conditions and the Prevention of Significant Deterioration enforcement action that has been resolved by a court-ordered Consent Decree. The proposed changes will decrease the permitted emissions levels and make the Conditions of Certification consistent with the Prevention of Significant Deterioration Permit under the terms of the settlement agreements for the project. Contact: Craig Hoffman. (10 minutes)

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

4. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (5 minutes)

Chair Weisenmiller appointed Commissioner Douglas second member of the case committee for the Carlsbad Energy Center. Vice Chair Boyd moved and Commissioner Peterman seconded approval of the appointment. The vote was unanimous. (4-0)

5. CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION. Possible approval of Agreement 001-11-ECD for a loan of \$2,056,229 to the California Department of Corrections and Rehabilitation for lighting system upgrades at the Substance Abuse Treatment Facility at California State Prison, Corcoran. This project will save approximately 3.63 million kilowatt hours and reduce greenhouse gas emissions by 1,249.27 tons of CO₂ equivalent. The loan will be awarded at an interest rate of 3 percent. This project is estimated to save about \$330,568.00 annually and have a simple payback of 6.3 years. (ECAA funding.) Contact: Shahid Chaudhry. (5 minutes)

Commissioner Peterman moved and Commissioner Douglas seconded approval of the loan. The vote was unanimous. (4-0)

6. CITY OF YUBA CITY. Possible approval of Agreement 001-11-ECA for a loan of \$1,345,487 to the City of Yuba City to retrofit street lights. The project includes changing 3,338 street lights to LED technology. The project will save over one million kilowatt hours annually, or approximately \$122,317 in annual cost savings for Yuba City. The payback period is 11 years based on the loan amount. (ECAA funding.) Contact: Cheng Moua. (5 minutes)

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

7. COUNTY OF GLENN. Possible approval of Agreement 002-11-ECE-ARRA for a \$243,000 loan to the County of Glenn to install new energy efficient HVAC systems and interior lights. The county will use this loan, a PG&E rebate, and block grant funding to complete these two projects. These projects are estimated to save \$33,170 annually with a simple payback of 6.7 years. (ECAA and/or ARRA funding.) Contact: Joseph Wang. (5 minutes)

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

8. CALIFORNIA CERTIFIED ENERGY RATING AND TESTING SERVICES (CalCERTS). Possible approval of California Certified Energy Rating and Testing Services (CalCERTS) as a Provider for Home Energy Rating Services (HERS) Building Performance Contractors. Contact: Jim Holland. (15 minutes)

Commissioner Douglas moved and Vice Chair Boyd seconded approval of CalCerts as a provider. The vote was unanimous. (4-0)

9. 2011-2012 INVESTMENT PLAN FOR THE ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY PROGRAM. Possible adoption of the 2011-2012 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program. The purpose of the program is to develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain the state's climate change goals. The Energy Commission is required to develop and adopt the Investment Plan to determine priorities and opportunities for the program, describe how funding will complement existing public and private investments, and serve as a guide for funding decisions. Contact: Pat Perez. (15 minutes)

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

10. **Minutes:** Possible approval of the August 24, 2011, Business Meeting Minutes.

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

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

Vice Chair Boyd reported on the recent conference at Asilomar, sponsored by U. C. Davis and the federal Transportation Research Board.

Chair Weisenmiller reported on his recent testimony before the Joint Legislative Audit Committee.

Vice Chair Boyd reported on the upcoming IEPR workshop on Transportation Energy Demand.

12. **Chief Counsel's Report:** Chief Counsel Michael Levy requested a closed session pursuant to Government Code Section 11126(e) to discuss facts and circumstances that constitute a significant exposure to litigation against the Commission.
13. **Executive Director's Report.** None.
14. **Public Adviser's Report.** None.
15. **Public Comment:** Mr. Satyajit Patwardhan of Green Dot (Transportation) Inc. appeared.
16. **Internal Organization and Policy.** None.

Appearances:

Mr. Jeffery Harris, Ellison, Schneider & Harris, LLP
Mr. Clay Jensen, Hidden Hills Solar/BrightSource Energy, Inc.
Mr. Michael Bachand, CalCerts
Mr. Conrad Asper, California Building Performance Contractors Association
Ms. Tiger Adolph, Building Performance Institute
Ms. Tamara Raspberry, Sempra Energy
Ms. Barbara Hernesman, CalCERTS
Mr. Manuel Alvarez, Southern California Edison
Mr. Dan Thomsen, Building Doctors/Efficiency First
Ms. Tammy Schwolsky, Residential Energy Assessment Services/Train to Sustain
Ms. Valerie Winn, Pacific Gas & Electric Company
Mr. Jim Calavita, California Air Resources Board
Ms. Eileen Tutt, Electric Transportation Coalition
Mr. Tim Carmichael, California Natural Gas Vehicle Coalition
Mr. Paul Staples, HyGen Industries

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission