



July 27, 2011

1516 Ninth Street
Hearing Room A – First Floor
Sacramento, California 95814

10 a.m.

(Wheelchair Accessible)

THE COMMISSION WILL CONSIDER THE FOLLOWING ITEMS:

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. ~~COUNTY OF PLACER. Possible approval of Amendment 1 to Agreement CBG-09-006 with Placer County to shift \$125,203 from lighting material to HVAC equipment for the Placer County Courthouse. The original proposal specified replacement of the chiller compressors only. The cost savings from the lighting project will allow the county to install new chillers and a variable speed drive pumping system and controls. Contact: Joseph Wang. (Moved to the August 10 Business Meeting.)~~
 - b. CITY OF DINUBA. Possible approval of Amendment 1 to Agreement CBG-09-055 with the City of Dinuba to revise the Scope of Work and the Budget. The city is revising the number of units and locations of its lighting project, removing HVAC control measures, and reallocating \$24,474 from Contract Labor to Non-Labor Contract Expenses. There is no change to the grant amount. Contact: Cheng Moua.
 - c. CITY OF EAST PALO ALTO. Possible approval of Amendment 1 to Agreement CBG-09-025 with the City of East Palo Alto which provided funding for the replacement of street lighting throughout the City of East Palo Alto. This amendment extends the term from September 29, 2011 to June 14, 2012, and revises the budget, reallocating \$96,404 to allow the City's subcontractor to purchase all materials. The grant amount of \$180,214 has not changed. Contact: Chris Scott.
 - d. COUNTY OF MONO. Possible approval of Amendment 1 to Agreement CBG-09-026 with Mono County to change the scope of work, revise the budget and extend the term of the agreement. Instead of premium motors with variable frequency drive and voltage interconnections, the county will install HVAC controls, hot water control valves on air handlers, and lighting retrofits. Budget is being reallocated and reduced from a grant amount of \$49,649 to \$49,350. The term of the agreement is extended from November 30, 2011 to June 1, 2012. Contact: Cheng Moua.

- e. ~~CITY OF PISMO BEACH. Possible approval of Amendment 2 to Agreement CBG-09-116 with the City of Pismo Beach to change from labor performed by city employees to labor performed by a contractor. The amendment revises the Scope of Work to LED streetlights only, increases the number of streetlights, and extends the term of the agreement to June 14, 2012, to allow time for the changes in the scope to be implemented. Contact: Anne Fisher. (Moved to the August 10 Business Meeting.)~~
- f. ~~CITY OF BLYTHE: Possible approval of Amendment 1 to Agreement CBG-09-110 with the City of Blythe which provided funding for interior lighting, occupancy sensors, and LED exit sign retrofits within various city-owned facilities. This amendment revises the budget and scope of work by the city's subcontractor and city staff. There is no change in the total amount of the agreement. Contact: Shahid Chaudhry. (Moved to the August 10 Business Meeting.)~~
- g. GAS TECHNOLOGY INSTITUTE. Possible approval of Amendment 1 to Agreement PIR-09-004 with Gas Technology Institute for a no-cost time extension and to correct errors in the budget rates. There is no change to the scope of work or grant amount. Contact: Richard Sapudar.
- h. SOUTHERN CALIFORNIA GAS COMPANY. Possible approval of Amendment 1 to Agreement PIR-07-008 with Southern California Gas Company to revise the work statement and reduce funding by \$435,432 to a total of \$1,048,747 to field test an emissions control sensor for reciprocating natural gas engines. Due to difficulties in finding a host site for testing, the grantee requested that testing of an absorption chiller that integrates with a natural gas engine be removed from the scope of work, with a commensurate reduction in the award. (PIER natural gas funding.) Contact: Pablo Gutierrez.
- i. LAWRENCE BERKELEY NATIONAL LABORATORY. Possible approval of Amendment 1 to Contract 500-07-046 with Lawrence Berkeley National Laboratory (LBNL) for a no-cost time extension to allow the contractor to collect additional data on school ventilation and affect on absenteeism. The U.S. Green Building Council will provide \$100,000 to LBNL to cover the additional time for data collection. Contact: Bradley Meister.
- j. CITY OF MALIBU. Possible approval of the City of Malibu's locally adopted building energy standards to require greater energy efficiency than the 2008 Building Energy Efficiency Standards. Contact: Joe Loyer.
- k. NATIONAL RENEWABLE ENERGY LABORATORY. Possible approval of Amendment 1 to Contract 500-07-034 with National Renewable Energy Laboratory for a no-cost time extension to September 14, 2012. The project is to develop analysis tools to analyze energy features of buildings, understand the potential statewide energy impacts of building systems, and develop recommendations for future building energy efficiency standards. The time extension will allow the contractor to complete additional development, testing and piloting to deliver a better software product at the end of the contract term.

Contact: Martha Brook.

2. EMPLOYMENT TRAINING PANEL. Possible approval of Amendment 1 to Contract 180-09-002 to recapture \$1,217,471 of under-spent funds from the Employment Training Panel (ETP) for the Clean Energy Workforce Training Program. (ARRA funding.) Contact: Chris Graillat. (5 minutes)
3. EMPLOYMENT DEVELOPMENT DEPARTMENT. Possible approval of Amendment 1 to Contract 180-09-001 with the Employment Development Department (EDD) to reallocate recaptured funds not to exceed \$1,217,471 from low performing sub-grantees of the Employment Training Panel to high-performing on-the-job training sub-grantees of the EDD. (ARRA funding.) Contact: Chris Graillat. (5 minutes)
4. ACCUSTAFF. Possible approval of Contract 200-11-004 for \$74,500 with AccuStaff for temporary support services to assist the Energy Commission's Federal Economic Recovery Program during periods of peak workload. The workload will be uneven, with peak periods where contractor support may be needed for working with stakeholders, funding agreement preparation and dissemination, project monitoring and evaluation, and payment of expenditure claims. (ERPA funding.) Contact: Mark Hutchison. (5 minutes)
5. COUNTY OF IMPERIAL. Possible approval of Agreement 001-11-ECE-ARRA for a loan of \$816,494 to Imperial County to retrofit 288 tons of air handlers and HVAC components at the county Juvenile Detention Complex. Annual energy savings are estimated at \$89,500 annually. The loan is augmented by an Energy Efficiency and Conservation Block Grant and has a simple payback of 9.1 years based on the loan amount. (ECA and ECE-ARRA funding.) Contact: Akasha Kaur Khalsa. (5 minutes)
6. AMBER KINETICS, INC. Possible approval of Agreement PIR-10-065 for a grant of \$369,466 to Amber Kinetics, Inc., for an accelerated research, development and demonstration program for an innovative utility-scale flywheel energy storage system. The award will be cost-share for the recipient's American Recovery and Reinvestment Act of 2009 award. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)
7. ENERVault CORPORATION. Possible approval of Agreement PIR-10-066 for a grant of \$476,428 to EnerVault Corporation to demonstrate the commercial viability of EnerVault's novel iron-chromium redox flow battery energy storage system with a dual-tracking photovoltaic system. This award will supplement the recipient's American Recovery and Reinvestment Act of 2009 award. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)
8. ~~PALMDALE HYBRID POWER PROJECT (Docket No. 08-AFC-9). Possible adoption of the Presiding Member's Proposed Decision on the Palmdale Hybrid Power Project and Errata. The proposed Palmdale Hybrid Power Project is a hybrid natural gas-fired combined cycle and solar thermal generator, located northwest of the Los Angeles/Palmdale Regional Airport in the City of Palmdale. Contact: Ken Celli. (30 minutes)~~
(Moved to the August 10 Business Meeting.)
9. INFORMATIONAL ITEM: EMERGING RENEWABLES PROGRAM. Update on the suspension of the Emerging Renewables Program, including the review and processing of pending applications for program funding, the development of proposed revisions to program guidelines, and the review of other program-related issues. The Emerging Renewables Program was suspended on March 4, 2011, to address deficiencies with

program requirements. Contact: Anthony Ng. (5 minutes)

10. **Minutes:** Possible approval of the July 13, 2011, Business Meeting Minutes.
11. **Commission Committee Presentations and Discussion:** Presentations or discussion by the Commissioners regarding Committee Oversight matters may be held.
12. **Chief Counsel's Report:** The Energy Commission may adjourn to closed session with its legal counsel [Government Code Section 11126(e)] to discuss any of the following matters to which the Energy Commission is a party:
 - a. *California Communities Against Toxics et al v. South Coast Air Quality Management District* (Los Angeles County Superior Court, BS124624);
 - b. *In the Matter of U.S. Department of Energy (High Level Waste Repository)*, (Atomic Safety Licensing Board, CAB-04, 63-001-HLW);
 - c. *Public Utilities Commission of California (Federal Energy Regulatory Commission, Docket No. EL10-64-000); and Southern California Edison Company, et al.* (Federal Energy Regulatory Commission, Docket No. EL10-66-000);
 - d. *BNSF Railway Company v. US Department of Interior, California Energy Commission* (U.S. District Court Central District of California-Riverside, CV 10-10057 SVW (PJWx));
 - e. *Richard Latteri v. Energy Resources, Conservation and Development Commission, et al.* (Sacramento County Superior Court, 34-2011-99985);
 - f. *Sierra Club v. California Energy Commission* (San Francisco County Superior Court, CPF-11-511378);
 - g. *Communities for a Better Environment, Robert Sarvey v. California Public Utilities Commission, Energy Resources Conservation and Development Commission, Real Parties in Interest, Pacific Gas and Electric Company, Contra Costa Generating Station, LLC.* (California Supreme Court, S194079).

The Energy Commission may also discuss any judicial or administrative proceeding that was formally initiated after this agenda was published; or 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.**
14. **Public Adviser's Report.**
15. **Public Comment:** People may speak up to five minutes on any matter concerning the Energy Commission, with the exception of items appearing elsewhere on this agenda or items related to pending adjudicative (certification or enforcement) proceedings.
16. **Internal Organization and Policy.** The Commission may recess the meeting and continue it later for purposes of a general discussion of Commission internal organization

and policy. No action will be taken at such a continued session. The Commission will announce whether it plans to continue the meeting in this manner and the time and location at the end of the last regular item.

If you require special accommodations, contact Lourdes Quiroz at 916-654-5146, five days before the meeting.

News media inquiries should be directed to:

Media and Public Communications - 916-654-4989

Questions about participation in the Business Meeting should be directed to:

Public Adviser's Office - 916-654-4489 or 800-822-6228

Participating by Telephone at a Business Meeting

If you want to participate by telephone, call toll free 1-888-823-5065 on Business Meeting days after 10:01 a.m. (PDT). When asked for your pass code and call leader's name, please answer "Business Meeting and Jerome Lee" and the operator will connect you into the meeting. If you wish to speak on a specific item, please inform the operator and provide the item number.

Please note that while the Energy Commission affords members of the public the opportunity to participate by telephone, the Commission strongly encourages public comments to be made in person because there are occasional technical problems with the Commission's telephone link. The Commission will make every effort to avoid these problems; however, it is the responsibility of the person wishing to make a comment to ensure that such comment is received by the Commission. If you intend to make comments by phone, the Commission recommends that a written comment also be submitted either by facsimile or e-mail to the Public Adviser by 5 p.m. two days before the scheduled business meeting. Fax (916) 654-4493 or e-mail publicadviser@energy.state.ca.us.

The Business Meeting is broadcast via WebEx, the Energy Commission's on-line meeting service. To listen to the meeting and view any presentations, please click the following link or paste it into your browser:

<https://energy.webex.com/energy/onstage/g.php?t=a&d=494656023>

You may also go to <https://energy.webex.com/ec> and enter Meeting Number **494 656 023**. The meeting password is **mtg@10am**.

The Energy Commission building has wireless Internet access available in the atrium, coffee shop, and library.

Subscribe to Electronic Mail Lists

To reduce paper and mailing costs, the Energy Commission offers an automated e-mail system for the business meeting agendas. To subscribe, please go to our Business Meetings page www.energy.ca.gov/business_meetings/ and use the form in the left column.

Adjournment of Hearings and Meetings: Depending upon time available and the orderly management of proceedings, the Commission may order adjournment (recess or postponement)

of any noticed hearing or meeting, to be continued to the next day, another specific date or time, or to the next business meeting, as appropriate. Any such adjournment will be noticed at the time the order of adjournment is made. (Government Code §§11128.5, 11129.)