



October 5, 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. DELOITTE MARKETPOINT LLC. Possible approval of Purchase Order 11-445.01-002 for \$40,500 to DeLoitte MarketPoint LLC to renew the Energy Commission's license to use the MarketBuilder platform to model natural gas parameters and scenarios for the Integrated Energy Policy Report. The license will be effective July 1, 2011 to December 31, 2012. (ERPA funding.) Contact: Ruben Tavares.
 - b. BEVILACQUA-KNIGHT, INC. Possible approval of a Co-Sponsorship of \$4,999 with Bevilacqua-Knight, Inc. for the 2011 West Coast Regional Carbon Sequestration Partnership (WESTCARB) annual meeting October 24-26, 2011 in Lodi. The WESTCARB Annual Meeting is a required element of the U.S. Department of Energy grant, and is designed to inform attendees of WESTCARB activities and developments in carbon capture and sequestration. (PIER electricity funding.) Contact: Bryan Lee.
 - c. TOWN OF MAMMOTH LAKES. Possible approval of Amendment 1 to Agreement 005-09-ECA with the Town of Mammoth Lakes for a no-cost time extension to March 31, 2012. The loan funds will be used to upgrade a 21-year-old boiler with three smaller, high efficiency boilers. This amendment does not alter the project cost, loan amount or payback period. (ECAA and/or ARRA funding.) Contact: Anne Fisher.
 - d. CITY OF SOLEDAD. Possible approval of Amendment 1 to Agreement CBG-09-002 with the City of Soledad to extend the term of the grant from October 31, 2011 to June 14, 2012 to purchase and install approximately 173 energy efficient exterior lighting fixtures throughout the city. The grant amount of \$154,425 remains the same. (ARRA funding.) Contact: Chris Scott.

- e. CITY OF LAFAYETTE. Possible approval of Amendment 1 to Agreement CBG-09-014 with the City of Lafayette to extend the term of the grant from November 14, 2011 to June 14, 2012 to purchase and install 40 LED exterior lighting fixtures and 185 post top lighting fixtures. The grant amount of \$137,000 remains the same. (ARRA funding.) Contact: Chris Scott.
 - f. CITY OF SARATOGA. Possible approval of Amendment 1 to Agreement CBG-09-138 with the City of Saratoga to extend the term from November 28, 2011 to June 14, 2012 and to purchase and install approximately 102 energy efficient exterior lighting fixtures and 113 light dimming modules throughout the city. The grant amount of \$168,675 remains the same. (ARRA funding.) Contact: Chris Scott.
 - g. COUNTY OF SUTTER. Possible approval of Amendment 1 to Agreement CBG-09-131 with the County of Sutter to revise the budget and scope of work. The county has received free energy efficiency equipment and has requested to use the resulting savings to include LED parking lot lights and expand LED streetlight retrofits in the project. The county will realize additional energy savings without additional expense. The grant amount of \$141,606 is unchanged. (ARRA funding.) Contact: Shahid Chaudhry.
 - h. ICF CONSULTING, INC. Possible approval of Amendment 2 to Contract 600-10-004 with ICF Consulting, Inc., to revise ICF's staff hours to accommodate low-emission vehicle forecasts. With the shift in staff hours, the agreement amount has decreased by \$18. Contact: Laura Lawson.
2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (5 minutes)
 3. 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.
 4. QUAIL BRUSH GENERATING PROJECT (11-AFC-3). Contact: Eric Solorio (10 minutes)
 - a. Possible adoption of the Executive Director's data adequacy recommendation for the Quail Brush Generating Project, a nominal 100-megawatt intermediate/peak load serving facility that would employ a set of eleven (11) natural gas-fired, reciprocating Wartsila engine generators. The project is proposed to be located on a 21-acre parcel in the City of San Diego west of the City of Santee, south of the Sycamore Landfill, and north of State Route 52.
 - b. Possible appointment of a siting committee for the Quail Brush Generating Project.

5. CITY OF NEVADA CITY. Possible approval of Agreement CBG-09-186 for \$25,000 with Nevada City to retrofit LED exit signs, dual control occupancy sensors, fluorescent lighting in five buildings, LED streetlights, and one HVAC unit including a programmable thermostat. (ARRA funding.) Contact: Akasha Kaur Khalsa. (5 minutes)
6. SEEO INC. Possible approval of Agreement PIR-11-001 for a grant of \$600,000 to Seeo, Inc. of Hayward to develop and test a 25-kilowatt hour prototype battery system based on nanostructured polymer electrolytes, and validate its performance advantages for use in grid-tied energy storage and community energy storage applications. This award will be cost-share for the recipient's \$6.2 million American Recovery and Reinvestment Act of 2009 award for its total \$12.4 million project. (PIER electricity funding.) Contact: Avtar Bining. (5 minutes)
7. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of one grant under Contract 500-98-014, totaling \$95,000, from the Public Interest Energy Research, Energy Innovations Small Grants Solicitation number 10-03T. This grant was competitively selected and represents an innovative energy research project on reducing the electrical operating load of the electric vehicles air conditioning system while improving the air quality in the vehicle. (PIER electricity funding.) Contact: Mike Gravely. (5 minutes)
8. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of four grants under Contract 500-98-014, totaling \$288,953, from the Public Interest Energy Research, Energy Innovations Small Grants Solicitation number 10-02T. These grants were competitively selected and are capped at \$95,000. The awards include innovative energy research projects on integrating plug-in electric vehicles onto the electric grid, improved electric vehicle charging technologies, and computer modeling of innovative transportation system solutions in community design concepts. (PIER electricity funding.) Contact: Mike Gravely. (5 minutes)
9. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of three grants under Contract 500-98-014, totaling \$268,112, from the Public Interest Energy Research, Energy Innovations Small Grants Solicitation number 10-02G. These grants were competitively selected and are capped at \$95,000. The awards include innovative energy research projects on reducing the environmental impacts of the natural gas dehydration process, improving the natural gas combustion efficiency in commercial and industrial applications and high efficiency natural gas hot water heater systems. (PIER natural gas funding.) Contact: Mike Gravely. (5 minutes)
10. TRUSTEES OF THE CALIFORNIA STATE UNIVERSITY. Possible approval of nine grants under Contract 500-98-014, totaling \$714,120, from the Public Interest Energy Research, Energy Innovations Small Grants Solicitation number 10-02. These grants were competitively selected and are capped at \$95,000. The awards include innovative energy research projects in renewable technologies, building energy efficiency improvements, grid integration of renewables, and computer modeling of innovative energy technology solutions. (PIER electricity funding.) Contact: Mike Gravely. (5 minutes)

11. VEHICLE BUY DOWN INCENTIVE RESERVATIONS. Possible approval of a total of \$1,538,000 in vehicle buy-down incentive reservations (ARFVT funding). Contact: Peter Ward. (5 minutes)
 - a. CREATIVE BUS SALES (Starcraft Bus) in the amount of \$15,000 to buy-down five natural gas vehicles of up to 8,500 pounds gross vehicle weight and \$560,000 to buy-down 28 natural gas vehicles of 14,001 to 26,000 pounds gross vehicle weight, for a total reservation amount of \$575,000.
 - b. CREATIVE BUS SALES (Startrans Bus) in the amount of \$15,000 to buy-down five natural gas vehicles of up to 8,500 pounds gross vehicle weight and \$560,000 to buy-down 28 natural gas vehicles of 14,001 to 26,000 pounds gross vehicle weight, for a total reservation amount of \$575,000.
 - c. NATIONS BUS SALES, INC. (Turtle Top) in the amount of \$60,000 to buy-down 10 propane vehicles 8,501 to 14,000 pounds gross vehicle weight and \$100,000 to buy-down 10 propane vehicles 14,001 to 26,000 pounds gross vehicle weight, for a total reservation amount of \$160,000.
 - d. ED BUTTS FORD in the amount of \$228,000 to buy-down 38 propane vehicles of 8,501 to 14,000 pounds gross vehicle weight.

12. LINDE LLC. Possible approval of Amendment to approval of Grant Award ARV-10-038 with Linde LLC and to Resolution 11-0323-9 to add \$523,989 for a total grant award of \$3,920,198 to install two publicly-accessible hydrogen fueling stations at existing retail gas facilities. (ARFVTF funding). Contact: Charles Smith. (5 minutes)

13. RIDGECREST SOLAR POWER PROJECT (09-AFC-09). The Commission will hold a closed session pursuant to Section 11126(c)(3) of the Government Code, to deliberate on the decision to be made in response to Applicant's Motion for Order Affirming Application of Jurisdictional Waiver pursuant to Section 25502.3 of the Public Resources Code. No action will be taken by the Commission on this date. Contact: Reneé Webster-Hawkins. (30 minutes).

14. **Minutes:**
 - a. Possible approval of the September 21, 2011, Business Meeting Minutes.
 - b. Possible approval of the December 29, 2010, Business Meeting Minutes.

15. **Commission Committee Presentations and Discussion:** Presentations or discussion by the Commissioners regarding Committee Oversight matters may be held.

16. **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. *In the Matter of U.S. Department of Energy (High Level Waste Repository),(Atomic Safety Licensing Board, CAB-04, 63-001-HLW);*

- b. *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);
- c. *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));
- d. *Richard Latteri v. Energy Resources, Conservation and Development Commission, et al.* (Sacramento County Superior Court, 34-2011-99985).
- e. *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.

- 17. **Executive Director's Report.** The Executive Director will report on revisions to the Energy Commission's Business Meeting Schedule for 2011, streamlined contract review and approval process, and other procedural improvements.
- 18. **Public Adviser's Report.**
- 19. **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.
- 20. **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.

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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.)