



**May 31, 2012**

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

**9 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. EHLERT BUSINESS GROUP. Possible approval of Amendment 1 to Contract 170-09-002 with Ehlert Business Group for a one-year no-cost time extension for hearing reporter services, including changes to update contract terms. (ERPA funding.) Contact: RoseMary Avalos.
  - b. HYDROLOGIC RESEARCH CENTER. Possible approval of Amendment 1 to Contract 500-08-033 with Hydrologic Research Center for a six-month no-cost time extension because attributes of the data provided by the National Weather Service have changed, causing a delay in data processing and model testing. (PIER electricity funding.) Contact: Joe O'Hagan.
  - c. BENNINGFIELD GROUP. Possible approval of Amendment 1 to Agreement PIR-08-016 with Benningfield Group for a one-year no-cost time extension to June 28, 2013, due to a change in the demonstration site to Twin Rivers Unified School District in Sacramento. A time extension is needed to complete the monitoring and evaluation of the variable air volume technology at the school. (PIER electricity funding.) Contact: Chris Scruton.
  - d. ELECTRIC VEHICLES INTERNATIONAL. Possible approval of Amendment 2 to Agreement ARV-09-017 with Electric Vehicles International (EVI) for a 26-month no-cost time extension and budget reallocation for the Range-Extended EV Medium-Duty Pickup Truck Application Project. The extension will allow added time for EVI to improve the electric vehicle chassis and battery packs that are currently in development. The new proposed end date is August 30, 2014. (ARFVTP funding.) Contact: Jared Cacho.
  - e. LEYDEN ENERGY LLC. Possible approval of Amendment 1 to grant agreement ARV-10-015 with Leyden Energy, LLC. If approved, the no cost amendment will: a remove inactive Key Partners and Key Personnel from the Scope of Work; extend the term of the agreement and Schedule of Products and Due Dates through March 31, 2015; add a definition for "Electric Vehicle" to the Scope of

Work, consistent with the definition in the 2010-2011 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program; and correct typographical errors in the Scope of Work. (ARFVTP funding.)  
Contact: Jacob Orenberg.

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. EMERGING RENEWABLES PROGRAM GUIDEBOOK. Possible adoption of proposed revisions to the Emerging Renewables Program Guidebook, Twelfth Edition, to extend the \$3 per watt rebate level for small wind systems through November 9, 2012. The Guidebook describes the requirements to receive incentives for installing eligible fuel cell and small wind generating systems located in specified investor-owned utility territories. Contact: Sarah Taheri. (10 minutes)
4. 2013 BUILDING ENERGY EFFICIENCY STANDARDS – INITIAL STUDY AND NEGATIVE DECLARATION. Possible adoption of the proposed and supplemental Initial Study and Negative Declaration for the 2013 update to the Building Energy Efficiency Standards for Residential and Nonresidential Buildings, Title 24, California Code of Regulations, Parts 1, 6 and 11. Contact: Joe Loyer. (15 minutes)
5. 2013 BUILDING ENERGY EFFICIENCY STANDARDS. Possible adoption, following publication of proposed changes and 15-day language comment period, of proposed 2013 update to the Building Energy Efficiency Standards for Residential and Nonresidential Buildings in the California Code of Regulations, Title 24, Part 6, associated administrative regulations in Part 1 (collectively also known as the California Energy Code), associated reference appendices, alternative calculation method approval manuals, and portions of the Green Building Code, Part 11 (also known as CalGreen), of the California Building Code. Contact: Martha Brook. (3 hours)

CARLSBAD ENERGY CENTER WILL NOT BE HEARD BEFORE 1 P.M.

6. CARLSBAD ENERGY CENTER (07-AFC-6). Possible adoption of the Revised Presiding Member's Proposed Decision on the Carlsbad Energy Center, and possible revisions thereto. The Revised Presiding Member's Proposed Decision was issued on March 28, 2012. The proposed Carlsbad Energy Center is a combined cycle electrical power plant facility with a generating capacity of 540-megawatts (MW) located in the city of Carlsbad, San Diego County. Contact: Paul Kramer. (2 hours)
7. SYMSOFT SOLUTIONS, LLC. Possible approval of Purchase Order 11-409.00-016 for \$489,680 to SymSoft Solutions, LLC to provide expertise to implement web based electronic filing and case management systems for document and records management in support of the Energy Commission's activities. (ERPA funding.) Contact: Mark Hutchison. (5 minutes)
8. CYBER COMMUNICATIONS, INC. Possible approval of Purchase Order 11-409.00-017 for \$135,000 to Cyber Communications, Inc to provide the necessary expertise to perform an independent Information Technology (IT) Security Assessment of the Energy Commission IT environment. (ERPA funding.) Contact: Dale Chisum. (5 minutes)

9. GAS TECHNOLOGY INSTITUTE. Possible approval of Agreement ARV-11-029 for a grant of \$4,562,532 to Institute of Gas Technology dba Gas Technology Institute to demonstrate a natural gas version of a Navistar engine and a plug-in liquefied natural gas hybrid heavy-duty truck. (ARFVTP funding.) Contact: Donald Coe. (5 minutes)
10. SPRINGBOARD BIODIESEL, LLC. Possible approval of Agreement ARV-11-016 for a grant of \$758,200 to Springboard Biodiesel, LLC to develop and build a pilot biodiesel production facility in Chico, California. The facility will demonstrate Springboard's closed local loop system to produce biodiesel from used cooking oil and other waste feedstocks. The facility is expected to produce 1,000 gallons per day of ASTM grade biodiesel to be used by local fleets. (ARFVTP funding.) Contact: Hieu Nguyen. (5 minutes)
11. SACPORT BIOFUELS CORPORATION. Possible approval of Agreement ARV-11-019 for a grant of \$5 million to SacPort Biofuels Corporation to develop, build, validate, and test a pilot facility to demonstrate an innovative Fischer-Tropsch process to produce biofuel from locally-sourced municipal solid waste. The project will be located in West Sacramento, California, and will produce up to 365,000 gallons of renewable diesel annually. (ARFVTP funding.) Contact: Hieu Nguyen. (5 minutes)
12. CALSTART, INC. Possible approval of Agreement ARV-11-014 for a grant of \$14,469,304 to CalStart, Inc., to demonstrate nine different types of vehicles included in the California CLEAN truck program, a state-wide portfolio of high-impact demonstration projects for advanced, alternative technology medium- and heavy-duty vehicles for near commercial on- and off-road applications. (ARFVTP funding.) Contact: Eric VanWinkle. (10 minutes)
13. WHOLE ENERGY PACIFICA LLC. Possible approval of Agreement ARV-11-026 for a grant of \$125,274 to Whole Energy Pacifica LLC to design, build, and install a skid-mounted inline, proportional biodiesel-diesel blending system at an existing biodiesel terminal in Richmond, California. (ARFVTP funding.) Contact: Eric VanWinkle. (5 minutes)
14. PROPEL BIOFUELS, INC. Possible approval of Agreement ARV-11-024 for a grant of \$10.1 million to Propel Biofuels, Inc. to cost share the installation of new E85 (ethanol) fueling stations. Propel Biofuels will construct and install 101 new E85 fueling stations at existing retail fueling locations statewide. (ARFVTP funding.) Contact: Larry Rillera. (5 minutes)
15. ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY BUY-DOWN INCENTIVE RESERVATIONS. Possible approval of a total of \$16,000 in vehicle buy-down incentive reservations. (ARFVT funding). Contact: Andre Freeman. (5 minutes)
  - a. Reynolds Buick – GMC (OEM – GMC) (BDIR-11-43), in the amount of \$16,000 for the buy-down of two natural gas vehicles of 8,501 to 14,000 pounds gross vehicle weight.
16. SONOMA VALLEY HEALTH CARE DISTRICT. Possible approval of Agreement 003-11-ECF for a loan of \$ 1,065,097 to Sonoma Valley Health Care for energy

efficiency projects at the Sonoma Valley Hospital. (ECAA funding.)  
Contact: Haile Bucaneg. (5 minutes)

17. ALTEX TECHNOLOGIES CORPORATION. Possible approval of Agreement PIR-11-027 for a grant of \$731,770 to Altex Technologies Corporation to develop and demonstrate an innovative heat-driven cooling system for a tri-generation energy system technology. Such innovation will offer a new compact, low-emissions, and cost-effective combined cooling, heating, and power technology for the large fire tube boiler market. (PIER natural gas funding.) Contact: Mike Kane. (5 minutes)
18. MAXWELL TECHNOLOGIES. Possible approval of Agreement PIR-11-031 for a grant of \$1,392,464 to Maxwell Technologies to demonstrate the use of interfacing solar arrays with ultracapacitors as a means of energy storage to stabilize solar power output. This two-phase demonstration will occur at a 28-kilowatt (kW) solar array at the University of California, San Diego microgrid, and at a 250-kW portion of a solar array located in Newberry Springs, California. (PIER electricity funding.) Contact: Kiel Pratt. (5 minutes)
19. **Minutes:** Possible approval of the May 9, 2012, Business Meeting Minutes.
20. **Lead Commissioner or Presiding Member Reports.** A Lead Commissioner on a policy matter may report to the Commission on the matter and discussion may follow. A Presiding Member on a delegated committee may report to the Commission on the matter and discussion may follow.
21. **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).
  - f. *Rick Tyler, et al v. Governor of California, Edmund G. Brown, Jr., et al.* (Alameda County Superior Court, RG12619687).

- g. *California Unions for Reliable Energy v. Energy Resources Conservation and Development Commission, Real Parties in Interest Ormat Nevada, Inc., ORNI 18 LLC, and ORNI 19 LLC* (Alameda County Superior Court, RG 12610669).

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.

22. **Executive Director's Report.**
23. **Public Adviser's Report.**
24. **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.

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

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

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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)