



July 10, 2013

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

1:30 p.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. UNIVERSITY OF CALIFORNIA, SANTA BARBARA. Possible approval of Amendment 1 to Contract 500-10-021 with the Regents of the University of California on behalf of the Santa Barbara campus for a three month no cost time extension, for a new term of 33 months. This agreement will create a practical framework for assessing cumulative biological impacts caused by new solar energy projects throughout the California Desert ecoregions to assist in the development of the Desert Renewable Energy Conservation Plan. (PIER electricity funding) Contact: Simone Brant.
 - b. UNIVERSITY OF CALIFORNIA, LOS ANGELES. Possible approval of Amendment 1 to Contract 500-10-033 with the Regents of the University of California on behalf of the Los Angeles Campus for a 12 month no cost time extension, for a new term of 43 months. This project will develop and pilot a methodology that combines Urban Metabolism and LCA with the PECAS model to create a comprehensive tool for evaluating and analyzing regional energy use and its environmental and socio-economic impacts. Acquisition of critical data was delayed; therefore additional time is needed to allow for proper analysis. (PIER electricity funding) Contact: Jason Harville.
 - c. GAS TECHNOLOGY INSTITUTE. Possible approval of Amendment 1 to Grant Agreement PIR-10-002 with Gas Technology Institute for an 11 month no cost time extension, for a new term of 47 months. This project will demonstrate medium temperature non-tracking solar collectors in an industrial setting. The original host site was withdrawn from the project, necessitating the extension to allow the data collection to be concluded at the replacement location. (PIER natural gas funding) Contact: Michael Lozano.
 - d. ELECTRIC POWER GROUP, LLC. Possible approval of Amendment 1 to Grant Agreement PIR-10-068 with Electric Power Group, LLC, to reallocate the budget toward current tasks that will benefit from increased funding, add job classifications, and update the terms and conditions. EPG will work with the California Independent System Operator and the Western Electricity Coordinating

Council to implement synchrophasor technology with the Western Interconnection. There are no changes to the scope of work, agreement amount, or duration of the agreement. (PIER electricity funding) Contact: Lillian Mirviss.

- e. UTILITY SAVINGS AND REFUND, LLC. Possible approval to terminate agreement PIR-10-023 with Utility Savings and Refund, LLC (US&R) for the project entitled “Application of High Capacity Electric Energy Storage via Vanadium Redox Flow Batteries, in conjunction with Fuel Cells, to a Wastewater Treatment Facility.” The agreement is being mutually terminated for cause due to US&R’s loss of match funding for the Vanadium Redox Flow Battery that was to be demonstrated in this project. (PIER electricity funding) Contact: Paul Roggensack.
 - f. CITY OF VISALIA. Possible approval of Amendment 1 to Loan Agreement 008-12-ECD with the City of Visalia decrease the loan amount by \$24,664. The original loan for energy efficiency retrofits of \$500,000 will be reduced to \$475,336, consistent with the funding for the projects that will remain in the scope. The original scope included projects that were completed before the effective date of the loan agreement and therefore those projects have been removed. The amended project will save the City approximately \$96,601 annually and will have a 4.9 year payback. (ECAA Program funding) Contact: Karen Perrin.
 - g. BLYTHE ENERGY PROJECT (99-AFC-8C). Possible approval of a petition to change operational control of the Blythe Energy Project from NextEra Energy Operating Services, LLC to AltaGas Blythe Operations Inc. Contact: Mary Dyas.
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. PITTSBURG UNIFIED SCHOOL DISTRICT. Possible approval of Agreement 001-13-ECD for a \$1,766,665 loan at one percent interest to Pittsburg Unified School District to install a 150 kilowatt photovoltaic system, lighting retrofits for nine schools and occupancy controls for HVAC systems at three schools. The District will use this loan and a PG&E rebate of \$56,976 to install the energy efficiency measures. These projects are estimated to save about \$140,584 annually and have a simple payback of 12.6 years. (ECAA Program funding) Contact: Joseph Wang. (5 minutes)
 4. KILOWATT ENGINEERING, INC. Possible approval of Agreement 400-13-001 with Kilowatt Engineering, Inc. for a \$2 million contract to provide energy audits and other related services to the Bright Schools, Energy Partnership, and Energy Conservation Assistance Act programs to improve energy efficiency at existing and planned facilities. (ECAA Program funding) Contact: Joji Castillo. (5 minutes)
 5. TETRA TECH, INC. Possible approval of Agreement 600-13-002 with Tetra Tech, Inc. for a work authorization contract of up to \$2 million to provide technical support and engineering consultancy services for the Energy Commission's Alternative and Renewable Fuels and Vehicle Technology Program. The contractor team will assist in evaluating the technical merits of proposals submitted for funding, provide technical assistance in troubleshooting projects, and confirm that the projects have been built according to the technical specifications in the agreement. (ARFVTP funding) Contact: Aida Escala. (5 minutes)

6. **Minutes:** Possible approval of the June 12, 2013, Business Meeting Minutes.
7. **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.
8. **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. *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)).*
 - c. *Rick Tyler, et al v. Governor of California, Edmund G. Brown, Jr., et al. (Alameda County Superior Court, RG12619687).*
 - d. *Asphalt Roofing Manufacturers Association v. California Energy Commission (Sacramento County Superior Court, 34-2012-80001195).*
 - e. California Independent System Operator Corporation (Federal Energy Regulatory Commission, Docket No. ER12-2634).
 - f. *PECG v. Brown, Alameda County Superior Court Case Nos: RG10494800 et al. (Furlough Litigation).*
 - g. *American Public Gas Association v. U.S. Department of Energy, Case No. 11-1485 (9th Cir. Dec. 23, 2011).*
 - h. *Communities for a Better Environment and Center for Biological Diversity v. Energy Resources Conservation and Development Commission, and California State Controller (Alameda Superior court, RG13 681262).*

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.

9. **Executive Director's Report.**
10. **Public Adviser's Report.**
11. **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.

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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).