



January 9, 2013

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. **LAWRENCE BERKELEY NATIONAL LABORATORY.** Possible approval of Amendment 1 to Contract 500-09-026 with Lawrence Berkeley National Lab for a no-cost time extension and to update the terms and conditions of the contract. Additional time is needed to complete development and demonstration activities which have been delayed due to unforeseen issues encountered in the development of various advanced commercial building window technologies. This 42 month agreement will be extended by 6 months for a total of 48 months. (PIER Electricity funding.) Contact: Dustin Davis.
 - b. **UNIVERSITY OF CALIFORNIA, DAVIS.** Possible approval of Amendment 1 to Contract 500-09-050 with the Regents of the University of California on behalf of the Davis Campus for a 12 month no-cost time extension. This amendment is necessary to allow time for UC Davis to replace the subcontractor responsible for supplying and consulting on the use of Xenon lamps in the vortex cylinder. The terms and conditions will also be updated. (PIER electricity funding.) Contact: Paul Roggensack.
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. **CHARGEPOINT, INC.** Possible approval of Agreement ARV-12-024 for a grant to ChargePoint, Inc. for \$499,512. ChargePoint will install 138 dual Level 2 electric vehicle charging stations with Gateway and 68 home charging stations at Multi Dwelling locations within the City of San Diego. (ARFVTP funding.) Contact: Jonah Margolis. (5 minutes)
4. **ALTERNATIVE ENERGY SYSTEMS CONSULTING, INC (AESC).** Possible approval of a total of \$220,554 for purchase and installation of electric vehicle supply equipment. (ARFVTP Funding). Contact: Darren Nguyen (5 minutes)
 - a. **AESC (ARV-12-020)** in the amount of \$75,000 to install eight RWE Level 2 eStation Smart Systems, each consisting of 2 charging outlets for a total of 16

charging outlets, in a University of California, San Diego (UCSD) microgrid. The project seeks to expand UCSD's electric charging network and to reduce petroleum consumption and GHG emissions.

- b. AESC (ARV-12-027) in the amount of \$145,554 to install, commission, collect data, and assess performance of three publicly accessible RWE Terra 51 DC Fast Chargers at UCSD. The project seeks to expand UCSD's electric charging network and reduce its fleet petroleum consumption and GHG emissions.
5. UNIVERSITY OF CALIFORNIA, SAN DIEGO. Possible approval of Amendment 1 to Agreement 500-10-043 with The Regents of the University of California, San Diego (UCSD) to add \$1.6 million to the existing agreement amount, extend the agreement by 15 months, to analyze a distributed energy storage system using different, competitively-procured storage technologies, and add items to the scope of the project. This amendment also includes an additional \$1,525,000 in match funding. The new PIER total funding amount for this agreement is \$2,994,298. The Terms and Conditions are being updated. (PIER electricity funding) Contact: Consuelo Sichon (5 minutes)
6. REDONDO BEACH ENERGY PROJECT (12-AFC-03). Contact: Patricia Kelly. (20 minutes)
 - a. Commission consideration of the Executive Director's data adequacy recommendation for the Redondo Beach Energy Project (RBEP). The proposed RBEP is a natural gas-fired, combined-cycle, air-cooled, 496 megawatt electrical generating facility that would be constructed on the site of, and eventually replace, the Redondo Beach Generating Station located at 1100 North Harbor Drive in the City of Redondo Beach, Los Angeles County.
 - b. Possible appointment of a siting committee for the Redondo Beach Energy Project.
7. AVENAL ENERGY CENTER (08-AFC-1C). Possible approval of a Petition to Amend the California Energy Commission decision for the Avenal Energy Center to allow the project to operate as a minor source by adding one new Air Quality Condition of Certification (AQ-COCs) and updating five AQ-COCs. Contact: Camille Remy Obad. (15 minutes)
- ~~8. BLYTHE SOLAR POWER PROJECT AMENDMENT (09-AFC-6C). Possible appointment of an Energy Commission Siting Case Committee for the Blythe Solar Power Project Amendment. The project's owner, NextEra Blythe Solar Energy Center, LLC, seeks to change the project from solar trough to photovoltaic. Nominal output would remain at 1000MW. Contact: Raoul Renaud. (5 minutes)~~
9. PALEN SOLAR ELECTRIC GENERATING SYSTEM AMENDMENT (09-AFC-7C). Possible appointment of an Energy Commission Siting Case Committee for the Palen Solar Electric Generating System Amendment. The project's owner, Palen Solar Holdings, LLC, seeks to change the project from solar trough to solar power tower. Nominal output would remain at 500MW. Contact: Raoul Renaud. (5 minutes)
10. GUIDELINES FOR SOLAR ELECTRIC INCENTIVE PROGRAMS. Possible approval of proposed revisions to the *Guidelines for California's Solar Electric Incentive Programs*. These guidelines establish eligibility criteria, conditions for incentives, and equipment rating standards for all ratepayer-funded solar electric incentive programs in California. The proposed guideline revisions are limited in nature, including revisions to the requirements for field verification and performance monitoring & maintenance. The revised guidelines also include clarifications to the criteria for adding equipment and a

procedure for removing equipment from the Energy Commission's eligible equipment lists. Contact: James Folkman (5 minutes)

11. **ALTERNATIVE FUELS INFRASTRUCTURE.** Under PON-11-602, possible approval of a total of \$2,550,000 to establish infrastructure to store, distribute, and dispense alternative fuels. (ARFVTP funding.) Contact: Andrew Hom. (10 minutes)
 - a. RTC FUELS, LLC dba PEARSON FUELS (ARV-12-015) in the amount of \$1,350,000 to RTC Fuels, LLC dba Pearson Fuels for the installation of E85 dispensing equipment at 19 existing fueling stations through California.
 - b. SANTA YNEZ BAND OF CHUMASH INDIANS (ARV-12-018) in the amount of \$300,000 to convert an existing public gas station into a public compressed natural gas (CNG) fueling station to meet the needs of local customers, travelers, and fleets. The existing gas station infrastructure will be removed and new CNG fueling equipment will be installed.
 - c. LOMPOC UNIFIED SCHOOL DISTRICT (ARV-12-025) in the amount of \$300,000 to build a new, state of the art CNG refueling station to service its fleet of CNG buses and student transport vehicles, as well as provide fast-fill fueling to the public.
 - d. BLACKHAWK LOGISTICS LLC. Possible adoption of a Mitigated Negative Declaration under the California Environmental Quality Act and approval of grant agreement (ARV-12-028, formerly ARV-11-027) in the amount of \$600,000 to construct a publicly accessible liquefied natural gas (LNG) station to fuel HayDay Farms fleet and goods movement vehicles in the Blythe region and along the I-10 connection between California and Arizona.
12. **YUBA COMMUNITY COLLEGE DISTRICT.** Possible approval of Agreement 001-12-ECD for a \$900,000 Energy Conservation Assistance Account loan to Yuba Community College District to fund energy efficiency upgrades at Yuba, Woodland, and Clearlake Community Colleges. The projects are estimated to annually save 550,574 kWh of electricity and \$72,043 in utility expenses. (ECAA funding.) Contact: Amir Ehyai. (5 minutes)
13. **Minutes:** Possible approval of the December 12, 2012, Business Meeting Minutes.
14. **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.
15. **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. *Richard Latteri v. Energy Resources, Conservation and Development Commission, et al.* (Sacramento County Superior Court, 34-2011-99985).

- d. *Rick Tyler, et al v. Governor of California, Edmund G. Brown, Jr., et al.* (Alameda County Superior Court, RG12619687).
- e. *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).
- f. *Asphalt Roofing Manufacturers Association v. California Energy Commission* (Sacramento County Superior Court, 34-2012-80001195).
- g. *California Independent System Operator Corporation* (Federal Energy Regulatory Commission, Docket No. ER12-2634).
- h. *Helping Hand Tools, Rob Simpson v. Energy Resources Conservation and Development Commission (San Diego Air Pollution Control District and Pio Pico Energy Center, LLC, Real Parties-In-Interest)* (California Supreme Court, S206047).

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.

16. **Executive Director's Report.**

17. **Public Adviser's Report.**

18. **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.

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

To participate by telephone, please call toll free 1-888-823-5065 on Business Meeting days after 10:01 a.m. (PDT). The pass code for the meeting is "Business Meeting" and the call leader is Jerome Lee. If you plan to speak on a specific item, please give the operator the item number.

To avoid occasional technical problems with the Commission's telephone link, 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.ca.gov.

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=926858331>

You may also go to <https://energy.webex.com/ec> and enter Meeting Number **926 858 331**. 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 on the right side under 'Subscribe'.

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).