



March 11, 2020

Warren-Alquist State Energy Building
1516 Ninth Street
Art Rosenfeld Hearing Room
Sacramento, California 95814
10 a.m.
(Wheelchair Accessible)

Pursuant to California Code of Regulations Title 20 § 1104(e), any person may make oral comment on any agenda item. To ensure the orderly conduct of business, such comments will be limited to three minutes per person as to each item listed on the agenda that will be voted on today. Any person wishing to comment on information items or reports (non-voting items) shall reserve their comment for the general public comment portion of the meeting agenda and shall have three minutes total to address all remaining comments.

THE COMMISSION WILL CONSIDER AND MAY TAKE ACTION ON THE FOLLOWING:

1. Consent Calendar.

(Items 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. EUREKA CITY SCHOOLS. Proposed resolution approving Agreement ARV-19-079 with Eureka City Schools for \$392,009 to replace an old diesel-powered school bus with a clean, all-electric school bus and install supporting charging infrastructure; and adopting staff's determination that the installation of the charging infrastructure is exempt from the California Environmental Quality Act (CEQA). (Clean Energy Job Creation Fund and Clean Transportation Program funding) Contact: Sarah Williams.
- b. REDWOOD CITY ELEMENTARY SCHOOL DISTRICT. Proposed resolution approving Amendment 1 to Agreement ARV-19-065 with Redwood City Elementary School District to: (1) increase the number of all-electric school buses and supporting infrastructure from three to four; (2) increase the total award amount by \$337,089; (3) modify bus specifications; and (4) adopt staff's determination that the installation of the charging infrastructure is exempt from CEQA. (Clean Energy Job Creation Fund and Clean Transportation Program funding) Contact: Manuel Aguila.

- c. WOODLAND JOINT UNIFIED SCHOOL DISTRICT. Proposed resolution approving Amendment 1 to Agreement ARV-19-066 with Woodland Joint Unified School District to: (1) increase the number of all-electric school buses and supporting infrastructure from seven to eight; (2) increase the total award amount to by \$412,670; (3) modify bus specifications; and (4) adopt staff's determination that the installation of the charging infrastructure is exempt from CEQA. (Clean Energy Job Creation Fund and Clean Transportation Program funding) Contact: Manuel Aguila.
- d. UKIAH UNIFIED SCHOOL DISTRICT. Proposed resolution approving Amendment 1 to Agreement ARV-19-015 with Ukiah Unified School District to: (1) increase the number of all-electric school buses and supporting infrastructure from four to six; (2) increase the grant amount by \$681,973; (3) change the bus types to be procured; (4) modify bus specifications; and 5) adopt staff's determination that the installation of the charging infrastructure is exempt from CEQA. (Clean Energy Job Creation Fund and Clean Transportation Program funding) Contact: Sarah Williams.

2. Discussion of Energy Commission Progress on Joint Agency Report, Charting a Path to a 100 Percent Clean Electricity Future, Senate Bill (SB) 100 (2018).

Staff presentation on the clean energy goals established by SB 100 (Docket 19-SB-100), and a discussion of its requirement to issue a joint agency report due to the Legislature by January 1, 2021. Staff will also provide an update of the report development process, including the planned scope and public engagement process. Contact: Terra Weeks. (Staff presentation: 5 minutes)

3. Order Instituting Informational (OII) Proceeding (20-IEPR-01).

Consideration and possible adoption of an OII proceeding to gather and assess information for analyses identified in the Final Scoping Order for the 2020 Integrated Energy Policy Report Update. Contact: Heather Raitt. (Staff presentation: 5 minutes)

4. Revisions to the Charter of the Disadvantaged Communities Advisory Group (DACAG) (16-OIR-06).

Proposed resolution revising the charter of the DACAG, which is an advisory body to the California Energy Commission (CEC) and the California Public Utilities Commission (CPUC) on the effects of clean energy and pollution reduction programs in disadvantaged communities, pursuant to SB 350 (de León, 2015). The revised charter creates staggered terms for members and reappointment procedures. It also clarifies members' duties and responsibilities, removal procedures, and other minor issues. Contact: Kristy Chew. (Staff presentation: 5 minutes)

5. Reappointments of and Term Extensions for Existing Members of the DACAG (16-OIR-06).

Proposed resolution reappointing five existing members of the DACAG to another two-year term and extending the terms of five existing members of the DACAG by one year. The DACAG is an advisory body to the CEC and the CPUC on the effects

of clean energy and pollution reduction programs in disadvantaged communities, pursuant to SB 350 (de León, 2015). The one-year extension of existing terms will facilitate the creation of staggered terms for the body. Contact: Kristy Chew. (Staff presentation: 5 minutes)

6. Proposed resolution approving ECAA loans to the City of Campbell, City of Ontario, and the County of Amador.

Contact: Nelson Peña. (Staff presentation: 5 minutes)

- a. City of Campbell. Proposed resolution approving Agreement 010-19-ECI with City of Campbell for a \$1,638,168 loan at one percent interest to install street lighting, upgrade the energy management system in the city municipal buildings, and seal HVAC ducts in City Hall, and adopting staff's determination that this project is exempt from CEQA. The proposed project is estimated to save the City 0.38 Gigawatt hours (GWh) of electricity, resulting in annual energy cost savings of \$111,605. The simple payback on the loan amount is approximately 14.7 years. (ECAA funding)
- b. City of Ontario. Proposed resolution approving Agreement 011-19-ECI with City of Ontario for a \$2,898,220 loan at one percent interest to install both interior and exterior lighting in the City's municipal buildings, and adopting staff's determination that this project is exempt from CEQA. The proposed project is estimated to save the City 2.5 GWh of electricity, resulting in annual energy cost savings of \$344,688. The simple payback on the loan amount is approximately 8.4 years. (ECAA funding)
- c. County of Amador. Proposed resolution approving Agreement 012-19-ECI with the County of Amador for a \$3,000,000 loan at one percent interest to replace 34 HVAC systems, replace two transformers, and install four separate photovoltaic systems totaling 740 kilowatt (kW) dc in the County's municipal buildings and property, and adopting staff's determination that this project is exempt from CEQA. The proposed project is estimated to save the County 1.17 GWh or 1of electricity, resulting in annual energy cost savings of \$179,496. The simple payback on the loan amount is approximately 16.7 years. (ECAA funding)

7. Zero Net Energy Alliance Inc.

Proposed resolution approving Agreement EPC-19-005 with Zero Net Energy Alliance, Inc. for a \$4,998,555 grant to fund the implementation of the Richmond Advanced Energy Community Phase 2 project, and adopting staff's determination that this action is exempt from CEQA. This project will demonstrate: (1) how community-based Distributed Energy Resource (DER) aggregations can effectively manage energy demand, local generation, storage, grid-integrated electric vehicles, and create multiple value streams for low-income customers; (2) how special financing can be used to rehabilitate abandoned and blighted properties to be Zero Net Carbon Ready Homes (all-electric); and (3) how a local benchmarking policy and data tools can be used to advance the project and also measure effectiveness.

Physical construction will include adding advanced energy technologies to new and existing buildings in Richmond and optimally managing these solutions through a state-of-the-art DER platform. (EPIC funding) Contact: Rachel Salazar. (Staff presentation: 5 minutes)

8. Food Production Investment Program 2019.

Solicitation GFO-19-901 sought proposals to accelerate the adoption of advanced energy efficiency and renewable energy technologies at California food processing plants, demonstrate their reliability and effectiveness, help California food processors work towards a low carbon future, and benefit priority populations. The technologies funded will reduce energy use and greenhouse gas (GHG) emissions associated with food production. (GGRF funding) Contact: Cyrus Ghandi. (Staff presentation: 10 minutes)

- a. AMY'S KITCHEN, INC. Proposed resolution approving Agreement FPI-19-003 with Amy's Kitchen, Inc., for a \$4,410,728 grant to install and operate an advanced, high-efficiency, transcritical carbon-dioxide refrigeration system at the recipient's frozen food production facility in Santa Rosa, and adopting staff's determination that this action is exempt from CEQA. The new refrigeration system will eliminate the need for conventional, high global warming refrigerants and reduce GHG emissions, energy consumption, and operating costs.
- b. HILMAR CHEESE COMPANY, INC. Proposed resolution approving Agreement FPI-19-004 with Hilmar Cheese Company, Inc. for a \$1,689,320 grant to fund an upgrade to the refrigeration systems, boiler systems, and compressed air systems to reduce GHG emissions from natural gas and electricity consumption at the recipient's cheese processing facility in Hilmar, and adopting staff's determination that this action is exempt from CEQA.
- c. PACIFIC COAST PRODUCERS. Proposed resolution approving Agreement FPI-19-005 with Pacific Coast Producers for a \$1,131,715 grant to replace existing inefficient hot breaks used for preserving tomatoes with high-efficiency hot breaks at the recipient's tomato processing facility in Woodland, and adopting staff's determination that this action is exempt from CEQA. The new hot breaks will use waste steam to preserve the tomatoes, reduce the facility's steam needs and consequently reduce GHG emissions from natural gas consumption. This project is expected to benefit priority populations through criteria pollutant emission reductions.
- d. PACIFIC COAST PRODUCERS. Proposed resolution approving Agreement FPI-19-006 with Pacific Coast Producers for a \$1,738,750 grant to replace an existing conventional, aging natural gas boiler with a high-efficiency high-pressure boiler to reduce GHG emissions from natural gas consumption at the recipient's tomato processing facility in Woodland, and adopting staff's determination that this action is exempt from CEQA. This project is expected to benefit priority populations through criteria pollutant emission reductions.
- e. SUN-MAID GROWERS OF CALIFORNIA. Proposed resolution approving Agreement FPI-19-007 with Sun-Maid Growers of California for a \$5,320,627

grant to design, install and operate a state-of-the-art, fully electric raisin dryer to reduce GHG emissions at the recipient's raisin production facility in Kingsburg, and adopting staff's determination that this action is exempt from CEQA. This project is expected to benefit priority populations through criteria pollutant emission reductions.

- f. OWB PACKERS, LLC. Proposed resolution approving Agreement FPI-19-008 with OWB Packers, LLC for a \$2,342,740 grant to install and operate energy efficient compressed air, refrigeration, and hot water systems to reduce GHG emissions at the recipient's meat processing facility in Brawley, and adopting staff's determination that this action is exempt from CEQA. This project is expected to provide benefits to priority populations through criteria pollutant emission reductions.
- g. SUNSWEET GROWERS INC. Proposed resolution approving Agreement FPI-19-010 with Sunsweet Growers Inc. for a \$1,591,643 grant to install high efficiency air compressors, boilers, and boiler equipment to reduce natural gas and electricity consumption and GHG emissions at the recipient's dried fruit and beverage facility in Yuba City, and adopting staff's determination that this action is exempt from CEQA.
- h. BIMBO BAKERIES, USA, INC. Proposed resolution approving Agreement FPI-19-011 with Bimbo Bakeries, USA, Inc. for a \$1,142,695 grant to install a waste heat recovery system, high efficiency motors, and replacement boilers at multiple Bimbo Bakeries facilities to reduce natural gas and electricity consumption and GHG emissions, and adopting staff's determination that this action is exempt from CEQA. This project is expected to benefit priority populations through criteria pollutant emission reductions.

9. Minutes.

Possible approval of the February 20, 2020, business meeting minutes.

10. Lead Commissioner or Presiding Member Reports.

A lead commissioner on a policy matter may report to the CEC on the matter and discussion may follow. A presiding member on a delegated committee may report to the CEC on the matter and discussion may follow.

11. Executive Director's Report.

12. Public Advisor's Report.

13. Public Comment.

Individuals may speak up to three minutes on any matter concerning the CEC, with the exception of items appearing on this agenda or items related to pending adjudicative (certification or enforcement) proceedings.

14. Chief Counsel's Report.

- a. Pursuant to Government Code § 11126(e), the CEC may adjourn to closed session with its legal counsel to discuss any of the following matters to which the CEC is a party:
 - i. *In the Matter of U.S. Department of Energy (High Level Waste Repository)*, (Atomic Safety Licensing Board, CAB-04, 63-001-HLW); *State of California v. United States Department of Energy* (9th Cir. Docket No. 09-71014).
 - ii. *Communities for a Better Environment and Center for Biological Diversity v. Energy Resources Conservation and Development Commission, and California State Controller* (Alameda County Superior Court, Case No. RG13681262).
 - iii. *State Energy Resources Conservation and Development Commission v. Electricore, Inc. and ZeroTruck* (Sacramento County Superior Court, Case No. 34-2016-00204586).
 - iv. *Natural Resources Defense Council, Inc., et al. v. United States Department of Energy* (Federal District Court, Northern District of California, Case No. 17-cv-03404).
 - v. *City of Los Angeles, acting by and through, its Department of Water and Power v. California Energy Resources Conservation and Development Commission* (Los Angeles Superior Court, Case No. BS171477).
 - vi. *Helping Hand Tools v. California Energy Commission, and Vantage Data Centers LLC* (Sacramento Superior Court, Case No. 34-2018-80003026)
 - vii. *In re: PG&E Corporation and In re: Pacific Gas and Electric Company* (United States Bankruptcy Court, Northern District of California, San Francisco Division, Case No. 19-30088).
 - viii. *Chukwuemeka (Emeka) Okemiri v. California Energy Commission, et al.* (Sacramento Superior Court, Case No. 34-2018-00246019).
 - ix. *State Energy Resources Conservation and Development Commission v. HyGen Industries, Inc.* (Sacramento County Superior Court No. 34-2019-00252543).
 - x. *National Electrical Manufacturers Association, et al. v. CEC, et al.* (U.S. Eastern District Court of California Case No. 2:19-cv-02504).
 - xi. *Olson-Ecologic Testing Laboratories, LLC v. CEC.* (Orange County Superior Court. Case No. 30-2019-01115513)
- b. Pursuant to Government Code § 11126(e), the CEC 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 CEC, which might include personnel matters.

Participate by Telephone. To participate by telephone, call 1-888-823-5065 on business meeting days after 9:50 a.m. (Pacific Time). The passcode is "business meeting" and the call leader is Jerome Lee. If you plan to speak about a specific item, please give the item number to the operator.

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Public participation. Questions may be directed to the Public Advisor, Noemí O. Gallardo, via email at publicadvisor@energy.ca.gov, or by phone at 916-654-4489 or 800-822-6228. It is recommended that comments be submitted to the Docket Unit by email to docket@energy.ca.gov or to the Public Advisor's Office by email to publicadvisor@energy.ca.gov or via facsimile to (916) 654-4493 by 5 p.m., preferably two days before the meeting.

Accommodation. Requests may be directed to Yolanda Rushin at 916-654-4310, at least five days before the meeting.

Wi-Fi. Access is available in the building's public areas (atrium, snack bar, and library).

Media. Inquiries may be directed to Media and Public Communications at 916-654-4989.

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Adjournment of Hearings and Meetings. Depending on time and the orderly management of proceedings, the CEC may adjourn (recess or postpone) any noticed hearing or meeting to be continued the next day, another specific date or time, or the next business meeting. Any such adjournment will be noticed at the time the order of adjournment is made. (Government Code §§ 11128.5, 11129)