



California Energy Commission

Business Meeting Agenda

December 14, 2022
10:00 a.m. – 3:30 p.m.

In-person at:

California Natural Resources Agency Building
715 P Street
First Floor Auditorium
Sacramento, California 95814
(Wheelchair Accessible)

Option for Remote Public Access via Zoom™

<https://zoom.us/> Meeting ID: 938 6923 0237 Passcode: mtg@10am

Remote participation instructions are below, after line items.

Please note that the California Energy Commission (CEC) aims to begin the business meeting promptly at the start time and the end time is an estimate based on the agenda proposed. The meeting may end sooner or later than the time indicated depending on various factors.

Pursuant to the California Code of Regulations (CCR), title 20, section 1104(e), any person may make an oral comment on any agenda item. To ensure the orderly conduct of business, such comments will be limited to three minutes or less per person. Any person wishing to comment on information items or reports (non-voting items) shall speak during the public comment portion of the meeting and have three minutes or less to comment.

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

1. Agency Announcements.

The Chair may announce relevant matters to the public and CEC, including agency updates, events, and recruitment. Discussion may follow.

2. 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. Geothermal Resources Council (GRC). Proposed resolution approving Agreement 500-22-001 with the GRC (also known as Geothermal Rising). This \$4,550 contract provides the CEC with a two-year sustaining membership, which includes up to 20 staff memberships, participation in GRC activities and workshops, access to the GRC's extensive geothermal library, copies of the GRC Bulletin, and opportunities to gain information about geothermal research and activities. (Geothermal Grant and Loan Program Funding) Contact: Erica Loza
- b. California Schools Healthy Air, Plumbing and Efficiency Program (CalSHAPE) (20-RENEW-01). Proposed resolution approving the CalSHAPE Plumbing Program Guidelines, Third Edition, and adopting staff's determination that this action is exempt from the California Environmental Quality Act (CEQA). The program provides grants to local educational agencies to replace noncompliant plumbing fixtures and appliances. This edition of the guidelines expands program eligibility to state agencies. Contact: Theresa Daniels
- c. Taft City School District. Proposed resolution approving Amendment 1 to Agreement ARV-19-006 with Taft City School District to add \$59,329 to the budget, extend the term of the agreement by 21 months, and add special terms and conditions, and adopting staff's determination that this action is exempt from CEQA. The budget augmentation adds \$91,671 for the district to procure a previously awarded electric school bus and is needed because supply chain issues have increased the cost to manufacture electric school buses. A decrease of \$32,342 is funding that is no longer needed for infrastructure. (CTP Funding) Contact: Kay Williams
- d. Cajon Valley Union School District. Proposed resolution approving Amendment 2 to Agreement ARV-19-032 with Cajon Valley Union School District to add \$100,000 to the budget, extend the term of the agreement by 24 months, and add special terms and conditions, and adopting staff's determination that this action is exempt from CEQA. The additional funding is to procure a previously awarded electric school bus and is needed because supply chain issues have increased the cost to manufacture electric school buses. (CTP Funding) Contact: Jennifer Masterson
- e. Lawrence Berkeley National Laboratory. Proposed resolution approving Amendment 4 to Agreement EPC-16-059 for a \$1,000,000 budget augmentation with follow-on funding, a scope of work update, and a three-year term extension, and adopting staff's determination that this action is exempt from CEQA. This amendment will support the research and development of a software solution to address cost recovery, participation in demand response, and security challenges faced by military bases and other government workplaces when deploying chargers that will be shared by fleet and personally owned electric vehicles (EV). (EPIC Funding) Contact: Mike Gravely
- f. Approval of 2022 Energy Code Compliance Software, EnergyPro Version 9.0. Proposed resolution approving third-party compliance software EnergyPro Version 9.0, by EnergySoft LLC., as an alternative calculation method for

demonstrating performance compliance with the residential, nonresidential, and multifamily provisions of the 2022 Building Energy Efficiency Standards. Contact: RJ Wichert

- g. Sunrise Power Project Petition to Amend (98-AFC-04C). Proposed order approving the petition to amend the project's license to allow for technology upgrades that will result in greater efficiency and increased generation capacity; revise and make additions to the air quality conditions of certification to reflect how the technology has changed the project's emissions profile; adopt staff's determination that the project would not have a significant adverse impact on the environment and would comply with all applicable laws, ordinances, regulations, and standards (LORS); and find that the project change does not meet any of the criteria in Public Resources Code section 21166 and CCR, title 14, section 15162, that would necessitate the preparation of a subsequent or supplemental environmental document. Contact: Mary Dyas
- h. Border Project Petition to Amend (01-EP-14C). Proposed order approving the petition to amend the project's license to add conditions of certification to change the project description to include the interconnection of the Border Battery Energy Storage Systems (BESS) project and allow the use of common facilities; identify Hermes BESS LLC as the new facility operator; adopt staff's determination that the project would not have a significant adverse impact on the environment and would comply with all LORS; and find that the project change does not meet any of the criteria in Public Resources Code section 21166 and CCR, title 14, section 15162, that would necessitate the preparation of a subsequent or supplemental environmental document. Contact: Mary Dyas
- i. Danish Energy Agency. Proposed resolution approving Memorandum of Understanding 22-002 between the CEC and the Danish Energy Agency to establish a flexible framework to promote sharing of knowledge, experiences, data, and best practices related to the CEC's activities on offshore wind and decarbonization of the building and industrial sectors. Contact: Alana Sanchez
[This item will be heard after agenda item 8]
- j. City of Gonzales. Proposed resolution approving Agreement ZVI-22-021 with the City of Gonzales for a \$1,052,480 grant to deploy 18 publicly accessible EV chargers consisting of six direct current fast chargers (DC/FC) and 12 Level 2 dual-port chargers distributed across three locations in the City, and adopting staff's determination that this action is exempt from CEQA. (General Fund Funding) Contact: Esther Odufuwa
- k. Reliable, Equitable, and Accessible Charging for Multi-Family Housing – GFO-21-603. This solicitation sought proposals to demonstrate replicable and scalable business and technology models for large-scale deployment of EV charging infrastructure capable of maximizing access and EV travel for multifamily housing residents. (CTP and General Fund Funding) Contact: Kyle Corrigan

- i. East Bay Community Energy. Proposed resolution approving Agreement ZVI-22-022 with East Bay Community Energy for a \$2,726,160 grant to install two direct current fast charging hubs in Hayward and San Leandro, where there are dense concentrations of multifamily residents, and adopting staff's determination that this action is exempt from CEQA.
- ii. County of Los Angeles. Proposed resolution approving Agreement ARV-22-005 with the County of Los Angeles for a \$1,575,880 grant to install 32 Level 2 EV charging ports to provide reliable, resilient, and affordable charging to multifamily homes in southern California, and adopting staff's determination that this action is exempt from CEQA.

3. Information Item on a New Approach to Forecast Clean Energy Technology.

Doyme Farmer, Director of the Complexity Economics Programmer at Oxford University's Institute for New Economic Thinking, will discuss a new way of forecasting technology costs centered on technology "learning curves." This modeling shows that the transition to clean energy is cost-effective. Contact: Noemí Gallardo (Staff Presentation: 10 minutes)

4. Information Item on Opportunities to Catalyze Private Investment in Clean Technology.

Students from UC Berkeley's Goldman School of Public Policy will present strategies to catalyze private investments toward clean energy technologies. These students, working in conjunction with CEC staff, researched ways to leverage public investments to attract significant private capital to support the deployment and scale-up of innovative clean-energy technologies. Contact: Anthony Ng (Staff Presentation: 10 minutes)

5. 2022-2023 Investment Plan Update for the Clean Transportation Program.

Proposed resolution approving the 2022-2023 Investment Plan Update for the Clean Transportation Program, and adopting staff's determination that this action is exempt from CEQA. The purpose of the program is to develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain California's climate change goals. The Investment Plan Update determines priorities and opportunities for the program, describes how funding will complement existing public and private efforts, and serves as a guide for funding decisions. Contact: Patrick Brecht (Staff Presentation: 15 minutes)

~~6. Renewables Portfolio Standard Retail Sellers Procurement Verification Results Report.~~

~~Proposed resolution adopting the Renewables Portfolio Standard 2017-2020 Retail Sellers Procurement Verification Report. This report applies only to retail sellers, which include investor-owned utilities, small and multijurisdictional utilities, electric service providers, and community choice aggregators reporting claims for Compliance Period 3 (2017-2020). The report provides the verified results of claims submitted by retail sellers for Compliance Period 3. If adopted, CEC staff will~~

~~transmit the adopted report to the California Public Utilities Commission to use in making compliance determinations for retail sellers. Contact: Kevin Chou (Staff Presentation: 10 minutes)~~

7. Certification of Home Energy Rating System (HERS) Provider and Data Registry Applications for ConSol Home Energy Efficiency Rating Services, Inc. (CHEERS).

Proposed resolution approving CHEERS' application to be certified as a HERS provider and to operate a residential data registry with two related electronic digital data source services for certain building types in compliance with the California HERS Program and the 2022 Energy Code. Contact: Matthew Haro (Staff Presentation: 10 minutes)

8. Certification of HERS Provider and Data Registry Applications for CalCERTS, Inc.

Proposed resolution approving CalCERTS, Inc.'s application to be certified as a HERS provider and operate a residential data registry for certain building types in compliance with the California HERS Program and the 2022 Energy Code. Contact: Matthew Haro (Staff Presentation: 10 minutes)

9. Danish Energy Agency.

Proposed resolution approving Memorandum of Understanding 22-002 between the CEC and the Danish Energy Agency to establish a flexible framework to promote sharing of knowledge, experiences, data, and best practices related to the CEC's activities on offshore wind and decarbonization of the building and industrial sectors. Contact: Alana Sanchez (Staff Presentation: 5 minutes)

10. Minutes.

Possible approval of the November 16, 2022, Business Meeting minutes.

11. Lead Commissioner or Presiding Member Reports.

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

12. Executive Director's Report.

13. Public Advisor's Report.

14. Public Comment.

Pursuant to CCR, title 20, section 1104(e), any person may make an oral comment on any agenda item. To ensure the orderly conduct of business, comments will be limited to three minutes or less per person and one representative per organization. The CEC notes that any person wishing to comment on non-voting items such as information items or reports shall provide comments during this period.

15. Chief Counsel's Report.

- a. Pursuant to Government Code section 11126(e)(1), the CEC may adjourn to closed session with its legal counsel to discuss the following matter to which the CEC is a party:
 - i. *Interlink Products International, Inc. v. Xavier Becerra, Drew Bohan, Melissa Rae King (United States District Court for the Eastern District of California, Case No. 2:20-cv-02283).*

In-Person Instructions

Visitors of the CNRA building attending the business meeting held in the first-floor auditorium should proceed directly to the auditorium and do not need to sign in at the lobby security desk. Please note that visitors are solely permitted in the auditorium, restrooms, and cafeteria without a visitor badge or staff escort. Masks and social distancing are encouraged but not required.

Remote Access Instructions

Remote access is available by either internet or call-in options.

Zoom: Click the link below to participate and provide public comment via Zoom.

<https://energy.zoom.us/j/93869230237?pwd=Zm96c09ULzdXTjd4eldtUXdnUGErdez09>.

Zoom may also be accessed at <https://zoom.us/join>. To join, enter the **meeting ID 938-6923-0237** and the **password mtg@10am**. To participate by phone, dial (669) 900-6833 or toll free at (888) 475-4499 and enter **meeting ID 938-6923-0237**. For Zoom technical support dial (888) 799-9666 ext. 2 or contact the CEC's Public Advisor for help at publicadvisor@energy.ca.gov and (916) 957-7910.

Public comment periods will be available throughout the business meeting and are expected to be three minutes or less per speaker and one person per organization. Depending on the number of members of the public seeking to make a comment, the Chair may adjust the total time allotted for public comment and the time allotted for each comment.

If participating via Zoom's online platform, use the "raise hand" feature to indicate you would like to make a comment. The Public Advisor will open your line to speak. Please restate and spell your name for the record; indicate if you have an affiliation and begin your comments.

If participating by telephone, press *9 to "raise your hand" and *6 to mute/unmute. The Public Advisor will announce the last three digits of the phone number listed and open your line. Make sure to unmute your phone before speaking, restate and spell your name for the record, indicate if you have an affiliation, and begin your comments.

Verizon: The CEC's Verizon phone line will solely be available if the Zoom service disconnects and shuts down. If that situation arises, the CEC Verizon line will be available for the public to listen to and make a public comment. Call the CEC's Verizon line at (888) 823-5065 and enter the passcode: business meeting. To comment publicly about a specific item, please provide the operator your name, affiliation if any, and the item number you wish to comment on. The operator will open your line when it is your turn to speak. Restate and spell your name for the record. The operator will mute your line when you are finished commenting. If you need assistance during the call, press *0 for help or to speak with the operator.

Zoom's closed captioning service will be enabled for CEC business meetings. Attendees can use the service by clicking on the "live transcript" CC icon and then

choosing either “show subtitle” or “view full transcript.” The closed captioning service can be stopped by exiting the “live transcript” or selecting the “hide subtitle” icon. If using a phone, closed captioning is automatic and cannot be turned off. While closed captioning is available in real-time, it can include errors. A full and formal transcript rendered by a professional court reporter will be posted in the CEC’s business meeting docket and the CEC’s business meeting webpage.

Public Advisor Assistance. Direct questions about how to participate in the business meeting or to request interpreting services or other reasonable modifications and accommodations to the Public Advisor at publicadvisor@energy.ca.gov or by phone at (916) 957-7910. Requests for interpreting services, reasonable accommodations, and other modifications should be made as soon as possible and at least five days in advance. The CEC will work diligently to meet all requests based on the availability of the service or resource needed. Additionally, the Public Advisor may upon the request of public participants who may be absent when a matter of interest to them is being considered, neutrally read their comments into the record during the public comment period. If you are interested in this service, please email concise comments before the start of the business meeting to the Public Advisor. Comments submitted after the business meeting starts or that cannot be read within a three-minute timeframe will be filed in the business meeting docket.

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Adjournment. 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 sections 11128.5, 11129)