



California Energy Commission
Business Meeting Agenda

November 15, 2021
10:00 a.m. – 4:00 p.m.

Remote participation instructions below, after line items.

Public comment is accepted solely through the Zoom platform.

The California Energy Commission's (CEC) November 15, 2021 Business Meeting will be held remotely, consistent with Assembly Bill 361 (Rivas, Chapter 165, Statutes of 2021) to improve and enhance public access to state meetings during the COVID-19 pandemic and future emergencies by allowing broader access through teleconferencing options. The public can participate in the business meeting consistent with the direction provided below.

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

Pursuant to California Code of Regulations Title 20 section 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 or less per person. Any person wishing to comment on information items or reports (non-voting items) shall speak during the general public comment portion of the meeting and have three minutes or less to address all remaining comments.

THE CEC 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. North County Transit District. Proposed resolution approving Amendment 1 to Agreement ARV-20-013 with North County Transit District (NCTD) to augment the agreement by \$1,986,250 for a total grant of \$6,000,000 and modify the special terms and conditions, and adopting staff's determination that this action is exempt from California Environmental Quality Act (CEQA). This augmentation fully funds NCTD's grant funding request. (General Fund Funding) Contact: Esther Odufuwa

- b. Ocean Protection Council. Proposed resolution approving Agreement RMB700-21-004 with the Ocean Protection Council for the CEC to receive \$199,951 to collect and compile cultural resources data for California North Coast offshore wind energy development affecting state lands and waters. CEC staff will compile cultural resources data into a geographic information system as a common platform for state agencies and North Coast California Native American tribes to make management decisions concerning cultural resources on shore, near shore, and offshore that may be affected by offshore wind development. Contact: Gabriel Roark
- c. American Institute of Chemical Engineers Center for Hydrogen Safety. Proposed resolution approving Agreement 600-21-005 with the Center for Hydrogen Safety (CHS), a technical entity of the American Institute of Chemical Engineers, for a \$50,000 contract which provides the CEC membership for 12 months. Membership allows the CEC to participate in member meetings, working groups, workshops, briefings, and events. The Center for Hydrogen Safety membership provides a forum for the CEC to collaborate with stakeholders in the fuel cell electric vehicle and hydrogen fuel community. (Clean Transportation Program Funding) Contact: Spencer Kelley
- d. California Clean Energy Fund dba CalCEF Ventures. Proposed resolution approving a scope of work change to Icarus RT, Inc.'s California Sustainable Energy Entrepreneur Development (CalSEED) Initiative small grant award, previously approved at the February 10, 2021 Business Meeting, and adopting staff's determination that this action is exempt from CEQA. CalCEF Ventures administers the CEC's CalSEED Initiative under Agreement 300-15-007. Icarus originally received a small grant to demonstrate a 100kW system. After significant customer discovery and market research, Icarus proposes to instead demonstrate that same technology with a 25kW system and a 50kW system that uses the heat from the cooled panels to pre-heat hot water. This change will not hinder expected key outcomes for the project. (EPIC Funding) Contact: Joshua Croft

2. Water Conservation and Efficiency Update.

Staff overview of recent and ongoing water conservation and efficiency efforts by the Efficiency Division. The update will include the drought situation and outlook, recently adopted water efficiency appliance standards and their impacts, and opportunities for additional water savings in California through appliance efficiency standards. Contact: David Johnson (Staff Presentation: 10 minutes)

3. Expansion, Reorganization and Renaming of Public Advisor's Office and Revision to the CECTribal Consultation Policy.

Proposed resolution to: (1) change the name of the office from Office of the Public Advisor to the Office of the Public Advisor, Energy Equity and Tribal Affairs; (2) expand the role and responsibility of the office to include the Tribal Liaison and to help implement, in partnership with the Equal Employment Opportunity Officer, the CEC's Inclusion, Diversity, Equity and Access (IDEA) Initiative; and

(3) approve the revised Tribal Consultation Policy to reflect the reorganization of the; Office of the Public Advisor, Energy Equity, and Tribal Affairs. Staff proposes to increase the capacity and resources of this office to include the Tribal Liaison and to assist the advancement of the IDEA Initiative both internally for workplace improvement (IDEA-In) and externally for the CEC's policies and programs to benefit all Californians (IDEA-Ex). The Tribal Consultation Policy (revised December 2017) has been updated to reflect the proposed reorganization of the Tribal Liaison within the CEC and include the name of the new Tribal Liaison.

Contact: Noemí Gallardo (Staff Presentation: 10 minutes)

4. Disadvantaged Communities Advisory Group (DACAG) Annual Report.

Representatives of the DACAG will provide an overview of the DACAG's 2020-2021 Annual Report, which summarizes the priorities, recommendations, and activities of the DACAG from April 2020 to April 2021, regarding the development, implementation, and impacts of proposed programs related to clean energy and pollution reduction in disadvantaged communities. Established pursuant to Pub. Util. Code section 400(g), the DACAG advises the California Public Utilities Commission (CPUC) and the CEC to ensure that disadvantaged communities, including tribes and rural communities, benefit from proposed clean energy and pollution reduction programs. The DACAG approved the 2020-2021 Annual Report on September 17, 2021. Contact: Noemí Gallardo (Staff Presentation: 15 minutes)

5. 2021-2023 Investment Plan Update for the Clean Transportation Program.

Proposed resolution approving the 2021-2023 Investment Plan Update for the Clean Transportation Program and adopting staff's determination that this action is exempt from CEQA. The program develops and deploys innovative technologies that transform California's fuel and vehicle types to help attain the state's climate change goals. The plan 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. 2021-2025 Electric Program Investment Charge Proposed Investment Plan (EPIC 4 Investment Plan), Draft Commission Report.

Proposed resolution approving the *2021-2025 Electric Program Investment Charge Proposed Investment Plan (EPIC 4 Investment Plan)*, Draft Commission Report. The *EPIC 4 Investment Plan* proposes strategic investments in technology Research and Development that support the achievement of the state's clean energy and climate goals. This includes innovations spanning renewable energy, grid reliability, distributed energy resources, efficiency and electrification, support for entrepreneurs, and equity and the environment. The funding level is roughly \$148 million per year through 2025. As part of its consideration and adoption of the *EPIC 4 Investment Plan*, the CEC may suggest and adopt changes to the investment plan. In addition, the CEC may authorize the executive director to file the adopted plan with the CPUC and to adjust the plan as part of the CPUC EPIC proceeding. Contact: Jonah Steinbuck (Staff Presentation: 20 minutes)

7. Blueprints for Medium and Heavy-Duty (MD/HD) Zero-Emission Vehicle Infrastructure – GFO-20-601.

This solicitation sought proposals for planning blueprints to identify actions and milestones needed for implementation of MD/HD ZEVs and the related electric charging or hydrogen refueling infrastructure. (Clean Transportation Program Funding and General Fund Funding) Contact: Kate Reid (Staff Presentation: 5 minutes)

- a. Central Coast Community Energy. Proposed resolution approving Agreement ARV-21-031 with Central Coast Community Energy for a \$200,000 grant to develop the Central Coast Community Energy MD/HD ZEV Blueprint to accelerate the deployment of MD/HD ZEVs and related fueling infrastructure throughout California's Central Coast region, and adopting staff's determination that this action is exempt from CEQA.
- b. MHX, LLC. Proposed resolution approving Agreement ZVI-21-001 with MHX, LLC for a \$200,000 grant to develop a planning "blueprint" document that will identify solutions for MD/HD EV recharging and hydrogen refueling across key nodes of California's intermodal logistics system, and adopting staff's determination that this action is exempt from CEQA.

8. BESTFIT Innovative Charging Solutions – GFO-20-605.

This solicitation sought proposals to fund projects to demonstrate innovative electric vehicle charging solutions for light-duty and MD/HD vehicles and work to accelerate the successful commercial deployment of these solutions. (Clean Transportation Program Funding and General Fund Funding) Contact: Kyle Corrigan (Staff Presentation 10 minutes)

- a. Eneridge, Inc. Proposed resolution approving Agreement ZVI-21-002 with Eneridge, Inc. for a \$1,000,000 grant to install, maintain, and collect data from six 120 kW ultrafast chargers with integrated battery packs, and adopting staff's determination that this project is exempt under CEQA.
- b. ConnectMyEV, Inc. Proposed resolution approving Agreement ZVI-21-003 with ConnectMyEV Inc. for a \$998,950 agreement to develop and demonstrate an automated, robotic parking and charging interface for electric vehicles, and adopting staff's determination that this action is exempt from CEQA.
- c. Andromeda Power, LLC. Proposed resolution approving Agreement ZVI-21-004 with Andromeda Power, LLC for a \$949,183 grant to design, manufacture, deploy, test, and collect data on 30 adapters capable of converting a non-networked electric vehicle charger to a networked charger, and develop plans to manufacture and deploy an additional commercial 1,000 adapters, and adopting staff's determination that this action is exempt from CEQA.
- d. ChargePoint, Inc. Proposed resolution approving Agreement ZVI-21-005 with ChargePoint, Inc. for a \$996,060 grant to design and manufacture an overhead

cable system for fleet charging, and adopting staff's determination that this project is exempt from CEQA.

- e. Electriphi, Inc. Proposed resolution approving Agreement ARV-21-043 with Electriphi, Inc. for a \$1,450,983 grant to demonstrate the potential for accelerated commercial deployment of an advanced utility and grid-integrated smart charging management system in the context of a large and diverse school fleet, and adopting staff's determination that this action is exempt from CEQA.

9. Minutes.

Possible approval of the October 13, 2021 business meeting minutes.

10. 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.

11. Executive Director's Report.

12. Public Advisor's Report.

13. Public Comment.

Pursuant to California Code of Regulations Title 20 section 1104(e), any person may make 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.

14. Chief Counsel's Report.

- a. Pursuant to Government Code section 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, Case No. 09-71014).*
 - ii. *State Energy Resources Conservation and Development Commission v. HyGen Industries, Inc (Sacramento County Superior Court, Case No. 34-2019-00252543-CU-BC-GDS).*
 - iii. *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).*
- b. Pursuant to Government Code sections 11126 (a) and (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.

Remote Attendance 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=Zm96c09ULzdXTjd4eldtUXdnUGErDz09>.

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's Office for help at publicadvisor@energy.ca.gov, (916) 654-4489 or (800) 822-6228.

Public comment periods will be available throughout the business meeting and is 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 then 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 and make public comment. Call the CEC's Verizon line at (888) 823-5065 and enter the passcode: business meeting. To make public comment about a specific item, please provide your name, affiliation if any, and the item number to the operator. Once connected, press *0 for help or to speak with the operator. 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.

Zoom's closed captioning service will be enabled for CEC business meetings. Attendees can use the service by clicking on the "live transcript" icon and then choosing either "show subtitle" or "view full transcript." The closed captioning service can be stopped by exiting out of the "live transcript" or selecting the "hide subtitle" icon. 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 modification and accommodations to the Public Advisor at publicadvisor@energy.ca.gov or by phone at (916) 957-7910. Requests should be made for interpreting services, modifications and reasonable accommodations as soon as possible and at least five days in advance. However, 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 from the CEC's place of business or during the business meeting when a matter of interest to them is being considered, neutrally and publicly relate those participants' points to the CEC on behalf of members of the public. If you are interested in this service, please email concise comments, specifying your main points, before the start of the business meeting to the Public Advisor. Comments submitted after the business meeting starts will be filed in the business meeting docket.

Direct media inquiries to (916) 654-4989 or mediaoffice@energy.ca.gov.

Subscribe to Electronic Mail Lists at <https://www.energy.ca.gov/proceedings/business-meetings> to have the business meeting agenda emailed to you. Enter your contact information under "Subscribe."

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)