

DOCKETED

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California Energy Commission **Business Meeting Agenda**

February 12, 2025
10:00 a.m. – 3:00 p.m.

In-person at:

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

Remote Access via Zoom™

<https://zoom.us/> Meeting ID: **863 3538 9460** Passcode: **energy**

Remote participation instructions are below, after the agenda items.

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. The meeting may end sooner or later than the time indicated depending on various factors. Commissioners may attend remotely in accordance with Government Code section 11123.2(j). Agenda items may be taken out of order as needed.

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 two minutes or less per person.

Please visit the CEC [Business Meeting web page](#) for more information and backup materials for all voting items at <https://www.energy.ca.gov/proceedings/business-meetings>.

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

1. Public Comment.

Any person wishing to comment on information items (non-voting items) shall provide comments during this period.

2. Agency Announcements.

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

3. 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. Lemon Grove School District. Proposed resolution approving agreement 002-24-ECG with Lemon Grove School District for a \$5,000,000 zero percent interest loan, and adopting staff's recommendation that this action is exempt from the California Energy Quality Act (CEQA). The loan will finance a 458.5 kilowatt (kW) carport solar photovoltaic (PV) array, a 60 kW/258 kilowatt-hour (kWh) battery energy storage system, light emitting diode (LED) lighting and electric vehicle (EV) chargers at three sites in San Diego County. The project is estimated to reduce 835,503 kWh of electricity consumption, saving \$347,311 in utility costs per year. (ECAA-Ed Funding) Contact: Stephen Banister
- b. Delta Mosquito and Vector Control District. Proposed resolution approving agreement 006-24-ECI with Delta Mosquito and Vector Control District for a \$408,127 one percent interest loan, and adopting staff's recommendation that this action is exempt from CEQA. The loan will finance a 103.7 kW rooftop solar PV system in Tulare County. The project is estimated to reduce electricity consumption by 150,598 kWh, saving \$26,086 in utility costs per year. (ECAA Funding) Contact: Stephen Banister
- c. Glendale Community College. Proposed resolution approving agreement 007-24-ECI with Glendale Community College for a \$3,000,000 one percent interest loan, and adopting staff's recommendation that this action is exempt from CEQA. The loan will finance six carport solar PV systems totaling 784 kW in Los Angeles County. The project is estimated to reduce electricity consumption by 1,322,022 kWh, saving \$209,813 in utility costs per year. (ECAA Funding) Contact: Stephen Banister
- d. Ventura County Waterworks. Proposed resolution approving agreement 008-24-ECI with Ventura County Waterworks for a \$1,876,120 one percent interest loan, and adopting staff's recommendation that this action is exempt from CEQA. The loan will finance two solar PV systems, one carport and one ground mounted, totaling 673.9 kW in Ventura County. The project is estimated to reduce electricity consumption by 1,075,586 kWh, saving \$110,360 in utility costs per year. (ECAA Funding) Contact: Stephen Banister
- e. The Regents of the University of California, on behalf of the Los Angeles Campus. Proposed resolution approving agreement 600-24-003 with the Regents of the University of California, on behalf of the Los Angeles Campus for a \$200,000 contract, and adopting staff's recommendation that this action is exempt from CEQA. This purpose of this agreement is to conduct a workforce assessment of the zero-emission vehicle charging infrastructure labor market focusing on EV supply equipment installation and maintenance occupations. (Clean Transportation Program Funding) Contact: Jana McKinny

- f. Enersion Inc. Proposed resolution approving agreement EPC-24-036 with Enersion Inc. for a \$1,017,250 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will develop and demonstrate an innovative Direct Current (DC)-powered Heating, ventilation, and air conditioning (HVAC) nanogrid module that integrates solar thermal collectors and thermal energy storage in Alpine that will provide cost-effective, efficient, and sustainable cooling and heating solutions, particularly for under-resourced communities. (EPIC Funding) Contact: Jackson Thach
- g. Intertie Incorporated. Proposed resolution approving agreement EPC-24-038 with Intertie Incorporated for a \$1,400,900 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will validate the feasibility of a DC-fed HVAC system with brushless motors, operating within a controlled DC nanogrid alongside solar-plus-storage in Clovis. The project aims to support California's energy goals for commercial buildings, including zero-net energy, zero-net grid impact, and zero carbon emissions. (EPIC Funding) Contact: Harrison Reynolds

4. Information Item – Update on the Justice, Access, and Equity, Diversity and Inclusion (JAEDI) Informational Proceeding.

Following the 2022 Integrated Energy Policy Report Update where the CEC renewed its commitment to the JAEDI Initiative, the CEC established the JAEDI Informational Proceeding in 2024. Staff will present the status of its efforts and activities taken to embed equity and environmental justice into its programs, policies, and operations, as well as next steps for the JAEDI proceeding. Contact: Aretha Welch (Staff Presentation: 5 minutes)

5. Rulemaking Adopting Amended Power Source Disclosure Regulations (Docket No. 21-OIR-01).

Proposed resolution adopting amendments to CCR, title 20, sections 1391 through 1394.2, to amend and reorganize the regulations implementing the Power Source Disclosure (PSD) program, which collects electricity procurement and greenhouse gas GHG emissions information from retail electricity suppliers on an annual basis. Pursuant to Senate Bill 1158 (Becker, Chapter 367, Statutes of 2022), the amendments propose rules for retail suppliers to report their sources of electricity and associated GHG emissions by matching procurement and load on an hourly basis starting in 2028, along with other program updates. The proposed resolution also adopts staff's determination that this action is exempt from CEQA. Contact: Logan Clendening (Staff Presentation 5 minutes)

6. Emergency Rulemaking Implementing Refiner and Marketer Three-month Projection Regulations (Docket No. 23-OIR-03).

Proposed resolution adopting amendments to CCR, title 20, sections 1363.2, 1366, and Appendix B in Division 2, Chapter 3, Article 3, for the purposes of implementing Public Resources Code section 25354(c). The proposed regulations clarify the refiner and major petroleum products marketer projection reporting requirements

and define terms to facilitate accurate and consistent reporting. The proposed resolution also finds that Public Resources Code section 25367 provides for the adoption of these regulations as emergency regulations and deems that this action is not a project under CEQA. Contact: Jeremy Smith (Staff Presentation: 10 minutes)

7. Building Initiative for Low-Emissions Development (BUILD) Program (Docket No. 20-DECARB-01).

Proposed resolution approving BUILD Guidelines, Second Edition, and adopting staff's determination that this action is exempt from CEQA. The BUILD Guidelines, Second Edition refine program requirements to increase program participation, clarify requirements, and update equipment lists to align with the Energy Code and current industry trends. Contact: Camille Remy Obad (Staff Presentation: 5 minutes)

8. California's Fifth Climate Change Assessment Tribal Research Grant Program – GFO-23-701r2.

This solicitation sought to fund tribes, tribal organizations, and tribal-serving non-governmental organizations to conduct tribally led climate change research, assessments, and similar projects deemed a priority by the applying tribe. Recognizing the relationship between the energy sector, GHG emissions, and climate change, this effort builds research partnerships to study climate impacts with tribal governments and tribal communities. This item includes 10 projects totaling \$1,767,315. (STEP Funding) Contact: Myoung-Ae Jones (Staff Presentation: 10 minutes)

- a. Fernandeno Tataviam Band of Mission Indians. Proposed resolution approving agreement TCA-24-009 with the Fernandeno Tataviam Band of Mission Indians for a \$199,948 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will address current and future climate hazards, build resilience, and meet energy goals by developing a cloud-based geospatial portal providing climate hazard and culturally relevant environmental data, interactive maps, dashboards, and a collaborative analytical toolset covering the tribal territory in southern California.
- b. Northern Chumash Tribal Council. Proposed resolution approving agreement TCA-24-010 with Northern Chumash Tribal Council for a \$200,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will create a climate change school located in Lompoc, with a curriculum that aims to benefit the environment, indigenous communities, and carbon sequestration capacity of the tribal rangelands.
- c. Shingle Springs Band of Miwok Indians. Proposed resolution approving agreement TCA-24-011 with Shingle Springs Band of Miwok Indians for a \$197,100 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will conduct tribal-led workshops and meetings at tribal facilities in El Dorado County and develop a best practices guide for state agencies to build more effective government-to-government relationships with California Native American tribes.

- d. Pala Band of Mission Indians. Proposed resolution approving agreement TCA-24-012 with Pala Band of Mission Indians for a \$182,882 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will enhance the Exposures, Impacts and Strategies Inventory (EISI) for an Extreme Heat Tool funded in Round 1 of the California Fifth Climate Change Assessment's Tribal Research Grant Program by integrating traditional ecological knowledge and incorporating additional functionalities so the tool can better serve tribal climate plans and assessments.
- e. Santa Ynez Band of Chumash Indians. Proposed resolution approving agreement TCA-24-013 with the Santa Ynez Band of Chumash Indians for a \$200,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will conduct an in-depth assessment of the severity and range of coastal hazard exposures in the South-Central Coast. The proposed project will build on a prior study of sea level rise and coastal hazards near 33 Chumash village areas and create a matrix of adaptive measures recommended by the Chumash community.
- f. Tamien Nation. Proposed resolution approving agreement TCA-24-014 with Tamien Nation for a \$128,662 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement seeks to revitalize indigenous cultural stewardship practices to strengthen climate and wildfire resilience on ancestral lands at Henry Coe State Park in Santa Clara County by providing professional hands-on training to the cultural fire and land stewardship crew, and enhancing fire protection, long-term sustainability, and community education on climate change impacts.
- g. Torres Martinez Desert Cahuilla Indians. Proposed resolution approving agreement TCA-24-015 with Torres Martinez Desert Cahuilla Indians for a \$200,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement seeks to address aspects of climate change impacting Torres Martinez Desert Cahuilla Indians through data collection, removal of invasive species threatening culturally important native plants, and reintroduction of culturally important native plant species in Imperial and Riverside Counties.
- h. The Picayune Rancheria of The Chukchansi Indians (PRCI). Proposed resolution approving agreement TCA-24-016 with the PRCI for a \$75,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will develop a Climate Change Assessment Plan to identify basic policies, requirements, responsibilities and duties that apply to the PRCI's natural resources such as traditional food plants and trees currently being impacted by climate change through consultation with tribal elders and field data gathering in Madera County.
- i. Tzicatl Community Development Corporation. Proposed resolution approving agreement TCA-24-017 with Tzicatl Community Development Corporation for a \$183,723 grant, and adopting staff's recommendation that this action is exempt

from CEQA. This agreement will establish the Masewaltlapixkayiotl Indigenous Youth Climate Resilience Corps on a tribal site in Los Angeles with a hands-on, experiential learning program teaching indigenous land stewardship practices. This project will engage native experts, provide no-cost vocational training to tribal youth, and leverage community partnerships and collaborations to spread information on cultivation of native plant species, coppicing, and cultural burns.

- j. Yurok Tribe. Proposed resolution approving agreement TCA-24-018 with Yurok Tribe for a \$200,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will explore using cultural burning as a nature-based solution for climate adaptation and integrate Yurok Traditional Ecological Knowledge with Western scientific methods and create culturally informed land treatment protocols for tribal lands in Del Norte and Humboldt counties. Findings of this project will contribute to enhancing the quality and quantity of traditional foods, reducing catastrophic wildfire fuel, and improving forest health as part of the Tribe's ongoing traditional foods restoration initiative.

9. Virtual Power Plant Approaches for Demand Flexibility (VPP-FLEX) – GFO-23-309.

This solicitation sought to fund demonstration projects that increase demand flexibility to help the state achieve energy policy goals such as 7,000 megawatts (MW) of load shift by 2030 and to support grid reliability. This item includes five projects totaling \$15,995,556. (EPIC Funding) Contact: Dustin Davis (Staff Presentation: 10 minutes)

- a. Electric Power Research Institute, Inc. Proposed resolution approving agreement EPC-24-030 with Electric Power Research Institute, Inc. for a \$2,000,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will demonstrate an innovative energy management system at schools in the Los Angeles Unified School District to make the facilities more responsive to grid and occupant needs. The control system deployed will be evaluated to assess performance, and potential benefits include its ability to reduce and shift energy usage when electricity is less expensive and less polluting.
- b. The Regents of the University of California, on behalf of the Davis Campus. Proposed resolution approving agreement EPC-24-034 with The Regents of the University of California, on behalf of the Davis Campus (UCD), for a \$5,000,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will create a virtual power plant (VPP) as a collaborative initiative among three public entities in Yolo County: the Yolo County government, the City of Davis government, and UCD, along with an established VPP operator. The VPP will manage cooling demand at the community level to reduce peak electrical demand on hot summer days.

- c. The Regents of the University of California, on behalf of the Berkeley Campus. Proposed resolution approving agreement EPC-24-035 with The Regents of the University of California, on behalf of the Berkeley Campus (UCB), for a \$1,999,999 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will fund the development and demonstration of scalable demand flexibility solutions in large commercial distributed energy resources using interoperable control protocols and price- and grid-signal responsive building automation systems for coordinated load shedding and shifting among buildings and EV chargers to support the electricity grid. Development of the demand flexibility control software will occur at UCB, whereas installation and demonstration of the software will occur at the Regent of University of California, on behalf of the Irvine campus, and the American Honda Motor Company campus.
- d. Sonoma Clean Power Authority. Proposed resolution approving agreement EPC-24-039 with Sonoma Clean Power Authority for a \$4,995,640 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will demonstrate a community-based VPP in Mendocino and Sonoma counties with various distributed energy resources (DERs) including smart panels and modular plug-in batteries in multifamily buildings. This project will enable 4 MW of demand flexibility by consolidating various DERs into a unified platform to simplify and centralize demand flexibility for consumers.
- e. Lawrence Berkeley National Laboratory. Proposed resolution approving agreement EPC-24-041 with Lawrence Berkeley National Laboratory for a \$1,999,917 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will develop and implement novel and interoperable control sequences, workflows, tools and products to deploy energy-efficient and demand-flexible controls in large commercial buildings at scale (OBC-FLEX). These sequences will be integrated into at least five commercial Building Energy Management Systems (BEMS) and deployed in up to nine buildings within the Contra Costa Community College District and three California State Universities. This project is expected to reduce energy demand by 10% during summer peak periods.

10. Lawrence Berkeley National Laboratory.

Proposed resolution approving agreement PIR-24-003 with Lawrence Berkeley National Laboratory for a \$3,000,000 grant, and adopting staff's recommendation that this action is exempt from CEQA. This agreement will assess the potential benefits, costs, technical feasibility and operational risks of storing hydrogen in natural gas underground storage facilities in the McDonald Island underground storage facility east of Stockton and the Honor Rancho underground storage facility north of Santa Clarita. (PIER NG Funding) Contact: Pooya Khodaparast (Staff Presentation 5 minutes)

11. Charge Bliss, Inc.

Proposed resolution approving agreement LDS-24-005 with Charge Bliss, Inc. for the first phase of an up to \$28,091,162 grant, and adopting staff's recommendation that this action is exempt from CEQA. The agreement will fund deployment of a 33 MWh non-lithium-ion Long Duration Energy Storage (LDES) system, with a discharge duration of at least 10 hours, at the Valley Children's Hospital (VCH) in Madera County. The agreement will initially provide \$4,328,572 for the first phase consisting of preliminary engineering, detailed project planning, and commercial scale designs, and up to an additional \$23,762,590 may be added, with approval from the CEC's Executive Director, through an amendment. The LDES system will be operated as part of a microgrid being funded by VCH featuring 2.2MW of fuel cell capacity, 1.2MW of solar photovoltaics, and a 2.8 MWh LDES system. (LDES Funding) Contact: Javier Flores (Staff Presentation 5 minutes)

12. Lead Commissioner and Presiding Member Reports.

Lead commissioners on policy matters and presiding members on delegated committees may report to the CEC on relevant matters and discussion may follow.

13. Executive Director's Report.

14. Public Advisor's Report.

15. Chief Counsel's Report.

- a. Pursuant to Government Code section 11126(a)(1), the CEC may adjourn to closed session with its legal counsel to consider the appointment, employment, evaluation of performance, or dismissal of a public employee or to hear complaints or charges brought against that employee by another person or employee.
- b. Pursuant to Government Code section 11126(e)(1), the CEC may adjourn to closed session with its legal counsel to discuss the following pending litigation:
 - i. Shasta County and Pit River Tribe, et al. vs. California Energy Commission (Shasta County Superior Court, Case No. 23CV-0203737).
 - ii. California Fuels and Convenience Alliance v. California Energy Commission, et al. (Sacramento Superior Court, Case No. 24WM000058).
 - iii. Ernest Vardanyan v. City of Burbank, et al. (Los Angeles Superior Court, Case No. 24NNCV04047).
 - iv. Interlink Products International, Inc., v. California Energy Commission (Sacramento County Superior Court, Case No. 25WM000001)
- c. Pursuant to Government Code section 11126(c)(3), Commissioners may adjourn to closed session to deliberate on a decision to be reached in the following proceedings the state body is required by law to conduct:
 - i. Morton Bay Geothermal Project, Docket 23-AFC-01
 - ii. Elmore North Geothermal Project, Docket 23-AFC-02

- iii. Black Rock Geothermal Project, Docket 23-AFC-03
- d. Pursuant to Government Code section 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.

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Public comments are welcomed at the business meeting during announced times. Comments may be limited to two minutes or less per speaker and one speaker per entity depending on the proposed agenda and number of commenters.

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 any 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 any affiliation, and begin your comments.

Zoom's closed captioning service will be enabled for the 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 docketed in the CEC 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)