



California Energy Commission

Business Meeting Agenda

July 13, 2022
10:00 a.m.–3:30 p.m.

Remote participation instructions below, after line items.

Public comment is accepted solely through the Zoom platform.

The California Energy Commission's (CEC) July 13, 2022 Business Meeting will be held remotely, consistent with Senate Bill 189 (Committee on Budget and Fiscal Review, Statutes of 2022) to improve and enhance public access to state meetings during the COVID-19 pandemic. The public can participate in the business meeting consistent with the direction provided below.

Please note that the 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, 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 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. Ocean Protection Council. Proposed resolution approving Agreement RMB700-22-001 with the Ocean Protection Council for the CEC to receive \$199,836 to collect and compile cultural resources data for California Central Coast offshore wind energy development affecting state lands and waters. CEC staff will compile cultural resources data into a geographic information system. The system will be accessible to state agencies and Central Coast California Native American tribes to assist with making decisions about onshore, near shore, and offshore

resources that may be affected by offshore wind development. Contact: Gabriel Roark

- b. National Association of State Energy Officials (NASEO). Proposed resolution approving Agreement 200-22-003 for \$26,332 for a one-year membership. The membership gives staff the opportunity to connect with policy and decision-makers, officials from other state and regional energy offices, and private and public sector affiliates. Membership also provides a forum for exchanging information, ideas, and resources, and to learn about funding and partnership opportunities. (ERPA Funding) Contact: Brad Worster
- c. California Automated Permit Processing Program, GFO-21-402. Proposed resolution allowing CEC staff to execute grant applications to GFO-21-402 that meet all applicable solicitation requirements. This solicitation provides funding for California cities and counties to establish online, automated solar permitting. (General Fund Funding) Contact: Lucio Hernandez or Geoffrey Dodson
- d. Electricity Resource Plan. Proposed resolution adopting the *Instructions for Electric Transmission Data Collection* in support of the *2023 Integrated Energy Policy Report*. Obligated load-serving entities and transmission owners are instructed to provide the CEC with information on transmission plans, contracts, power purchase agreements, and other resources that require new or upgraded transmission to service California loads. Contact: Mark Hesters
- e. Evergreen Economics, Inc. Proposed resolution approving Agreement 400-22-001 with Evergreen Economics, Inc. for a three-year, \$252,970 contract for expert and timely economic analysis services to assess statewide impacts of CEC regulations that have a potential economic impact of \$50 million or more in any 12-month period between publication by the Secretary of State and 12 months following full implementation. These regulations require the completion of a Standardized Regulatory Impact Assessment report, consistent with Department of Finance specifications. (COIA Funding) Contact: Elizabeth Thomsen

2. Information Item on the Office of Compliance Assistance and Enforcement.

Staff will provide an overview of CEC's enforcement activities related to the title 20 appliance efficiency regulations. Contact: Sean Pruitt (Staff Presentation: 5 minutes)

3. University Enterprises, Inc.

Proposed resolution approving Agreement 150-22-001 with University Enterprises, Inc. for a \$675,000 contract to purchase and test appliances to determine compliance with title 20 energy efficiency standards. (COIA Funding) Contact: Sean Pruitt (Staff Presentation: 5 minutes)

4. Appointment of Disadvantaged Communities Advisory Group (DACAG) Members.

Proposed resolution appointing two candidates to the DACAG, Julia Hatton and LaTisha Harris, to their first two-year term. The DACAG is an advisory body to the

CEC and the California Public Utilities Commission (CPUC) on the effects of clean energy and pollution reduction programs in disadvantaged communities, pursuant to Senate Bill (SB) 350 (De León, Chapter 54, Statutes of 2015). SB 350 required the CPUC and the CEC to establish a DACAG consisting of representatives from disadvantaged communities identified pursuant to section 39711 of the Health and Safety Code. The DACAG is comprised of one tribal representative appointed by the Governor's Tribal Liaison, and ten members who are nominated jointly by two commissioners from the CEC and two commissioners from the CPUC, for approval by the CEC and CPUC. Contact: Noemí Gallardo (Staff Presentation: 5 minutes)

5. Gem Energy Storage Center (GESC) (21-AFC-02).

Proposed order adopting the executive director's recommendation to find the GESC application for certification complete. On December 1, 2021, GEM A-CAES LLC filed an application to construct and operate the GESC, an advanced compressed air energy storage facility, in unincorporated Kern County. Between April 25, 2022, and June 28, 2022, GEM A-CAES LLC filed information to address the list of application deficiencies adopted by the CEC at its January 26, 2022 Business Meeting. Contract: Eric Knight (Staff Presentation: 5 minutes)

6. Small Power Plant Exemption (SPPE) for the San Jose City Backup Generating Facility (19-SPPE-04).

Public hearing and proposed order adopting the Committee Proposed Decision and any errata on the application for an SPPE for the San Jose City Backup Generating Facility (19-SPPE-04). Contact: Deborah Dyer (Staff Presentation: 10 minutes)

- a. Possible closed session deliberation on the above described SPPE.
(Government Code Section 11126(c)(3)).

7. Information Item on Offshore Wind Draft Report Update. [This item will be heard after Item 15]

Staff will present an update regarding ~~Proposed resolution approving the draft report~~ *Offshore Wind Energy Development in Federal Waters Offshore the California Coast: Maximum Feasibly Capacity and Megawatt Planning Goals for 2030 and 2045 as a result of the June 27, 2022 public workshop*. This draft report addresses the requirements for the CEC to evaluate and quantify the maximum feasible capacity for offshore wind to achieve reliability, ratepayer, employment, and decarbonization benefits, and establish megawatt planning goals for 2030 and 2045 as required in Assembly Bill (AB) 525 (Chiu, Chapter 231, Statutes of 2021). The update will be specific to the CEC staff's work. Contact: Elizabeth Huber (Staff Presentation: 10 minutes)

8. Humboldt State University Sponsored Program Foundation.

Proposed resolution approving Agreement 700-22-002 with Humboldt State University Sponsored Program Foundation for a \$644,999 contract to analyze transmission infrastructure limitations and opportunities, map existing transmission infrastructure, and provide technical data and assistance to further assess wind

energy resources off the coast in Northern California and Southern Oregon and adopting staff's determination that this project is exempt from CEQA. (Federal Funding) Contact: Jim Bartridge

9. Lumen Energy Strategy, LLC.

Proposed resolution approving Agreement EPC-22-001 with Lumen Energy Strategy, LLC for a \$1,950,000 grant to develop new inputs, assumptions, and tools to capture the impacts of climate change on electricity supply and demand as California transitions to a zero-carbon electricity system, and adopting staff's determination that this action is exempt from CEQA. This effort will advance the state's electricity resource planning model framework to reflect the impact of projected climate patterns and environmental extremes on electricity supply, demand, and the resulting resilience of electricity service to ratepayers. (EPIC Funding) Contact: Susan Wilhelm (Staff presentation: 5 minutes)

10. Institute of Gas Technology dba Gas Technology Institute.

Proposed resolution approving Agreement PIR-22-001 with Institute of Gas Technology dba Gas Technology Institute for a \$1,770,000 grant for a technical study of the impacts of using 100% hydrogen (H₂) or fossil fuel blended with greater than 50% H₂ in hard-to-electrify equipment in large commercial buildings and industrial processes, and adopting staff's determination that this project is exempt from CEQA. The study will assess the associated costs, safety implications, and emissions impacts of adopting H₂-based fuels in these sectors. (Gas R&D Funding) Contact: Yu Hou (Staff Presentation: 5 minutes)

11. DNV GL USA, Inc.

Proposed resolution approving Agreement PIR-22-002 with DNV GL USA, INC. for a \$1,499,275 grant to develop a data-driven tool that will provide state agencies, local governments, investor-owned utilities, and other stakeholders with valuable information for assessing the technical, social and economic feasibility of decommissioning specific segments of the gas system, and adopting staff's determination that this project is exempt from CEQA. The project will combine a set of geospatial data layers to produce a scalable and systematic approach to identify promising candidate decommissioning sites. This approach will protect sensitive and confidential data, while also producing high-level insights that can be shared publicly. (Gas R&D Funding) Contact: Martine Schmidt-Poolman (Staff Presentation: 5 minutes)

12. Volvo Technology of America, LLC.

Proposed resolution approving Agreement ZVI-22-001 with Volvo Technology of America, LLC for a \$2,000,000 grant to accelerate the adoption of medium- and heavy-duty electric vehicles (EV) in California through a publicly accessible electrified corridor, and adopting staff's determination that this action is exempt from CEQA. Volvo Technology of America, LLC will deploy two direct current fast chargers (DCFC) at each of five Volvo dealership locations along Interstate 5 and

California State Route 99 for a total of 10 DCFCs. (General Fund Funding) Contact: Esther Odufuwa (Staff Presentation: 5 minutes)

13. Charging Access for Reliable On-Demand Transportation Services (GFO-21-601).

This solicitation sought proposals to fund the expanded availability of EV charging infrastructure for high mileage on-demand transportation services including services such as ride-hailing, taxis, and meal and grocery delivery. (CTP and General Fund Funding) Contact: Madison Jarvis (Staff Presentation: 10 minutes)

- a. FreeWire Technologies, Inc. Proposed resolution approving Agreement ARV-22-001 with FreeWire Technologies, Inc. for a \$601,911 grant, and adopting staff's determination that this action is exempt from CEQA. This project will deploy battery integrated DCFC infrastructure in Central California with the goal of enabling EV adoption among transportation network company (TNC) drivers.
- b. Zeco Systems, Inc. dba Shell EV Charging Solutions Americas. Proposed resolution approving Agreement ZVI-22-002 with Zeco Systems, Inc. dba Shell EV Charging Solutions Americas for a \$2,000,000 grant, and adopting staff's determination that this action is exempt from CEQA. The purpose of this project is to design, build and operate two EV charging hubs dedicated to accelerating electrification among drivers for TNCs in the Los Angeles region.
- c. AMPLY Power Inc. Proposed resolution approving Agreement ZVI-22-003 with AMPLY Power, Inc. for a \$2,000,000 grant, and adopting of staff's determination that this action is exempt from CEQA. The purpose of this project is to install and provide DCFC equipment capable of supporting 48 EVs simultaneously at one charging site exclusively for use by ride-hail and taxi fleets servicing Los Angeles International Airport.

14. Energy Conservation Assistance Act Loan Program (ECAA).

Proposed resolutions approving three ECAA-Regular loans at one percent interest—two to municipalities and one to a special district to finance renewable energy projects. (ECAA Funding) Contact: Marites Antonio (Staff Presentation: 5 minutes)

- a. City of Fowler. Proposed resolution approving Agreement 001-22-ECI with the City of Fowler for a \$182,924 loan at one percent interest to install a solar photovoltaic (PV) array totaling 67.2 kW at the City's fire station, and adopting staff's determination that this action is exempt from CEQA. The project is estimated to generate 98,337 kWh of electricity annually, saving the City approximately \$28,513 per year.
- b. City of Indian Wells. Proposed resolution approving Agreement 002-22-ECI with the City of Indian Wells for a \$2,726,184 loan at one percent interest to install a carport structure solar PV array totaling 647 kW at the Indian Wells Golf Resort clubhouse, and adopting staff's determination that this action is exempt from CEQA. The project is estimated to generate 1,125,125 kWh annually, saving the City approximately \$163,585 per year.

- c. Malaga County Water District. Proposed resolution approving Agreement 003-22-ECI with the Malaga County Water District for a \$2,466,565 loan at one percent interest to install two solar PV arrays totaling 388.9 kW at the district's wastewater treatment facility and the Ariaga Community Center, and adopting staff's determination that this action is exempt from CEQA. The project is estimated to generate 742,985 kWh annually, saving the district approximately \$163,396 per year.

15. Local Ordinances for City of Encinitas, City of Solano Beach, City of Emeryville, and City of Half Moon Bay.

Consideration and possible adoption of resolutions for applications submitted by local jurisdictions for findings pursuant to Public Resources Code section 25402.1(h)(2). Contact: Danuta Drozdowicz (Staff Presentation: 5 minutes)

- a. City of Encinitas. The ordinance contains requirements that new nonresidential, high-rise residential, and motel/hotel buildings install PV systems; that existing single-family residential buildings include energy efficiency improvements where the building permit valuation of alterations and additions is greater than \$50,000; and that nonresidential, high-rise residential, and hotel/motel buildings include efficiency improvements where the building permit valuation of alterations is greater than \$200,000.
- b. City of Solana Beach. The ordinance contains requirements that new nonresidential construction projects install PV systems.
- c. City of Emeryville. The ordinance contains requirements that new high-rise residential and hotel/motel buildings install PV systems.
- d. City of Half Moon Bay. The ordinance contains requirements that new nonresidential and hotel/motel buildings install PV systems.

16. Minutes.

Possible approval of the May 11, 2022, and June 8, 2022, Business Meeting minutes.

17. 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.

18. Executive Director's Report.

19. Public Advisor's Report.

20. Public Comment.

Pursuant to the California Code of Regulations, 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.

21. Chief Counsel's Report.

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. *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)*

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=Zm96c09ULzdXTjd4eldtUXdnUGErzd09>.

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 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. If using a phone, closed captioning is automatic and cannot be turned off. While the closed captioning is available in real-time, it typically includes 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 modification 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 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.

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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)