



California Energy Commission

# Business Meeting Agenda

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

## In-person at:

California Natural Resources Agency Building  
715 P Street  
Auditorium Room  
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, 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. The Board of Trustees of the Leland Stanford Junior University. Proposed resolution approving Agreement 800-22-001 with the Board of Trustees of the Leland Stanford Junior University for a \$25,000 one-year contract for the CEC to be a member of the Energy Modeling Forum (EMF) Affiliates Program. The

purpose of the membership is to participate in an energy-environmental network of experts and modelers working on the EMF 37 High Electricity Futures study which seeks to explore the opportunities, limitations, trade-offs, and robustness of results associated with high electrification in North America. (ERPA Funding)  
Contact: Nicholas Janusch

- b. Hydrogen Technology Ventures, LLC. Proposed resolution approving Agreement ZVI-22-008 with Hydrogen Technology Ventures, LLC for a \$200,000 grant to develop a blueprint planning document that will outline the buildout for medium- and heavy-duty (MD/HD) hydrogen refueling infrastructure in Riverside County, California, and adopting staff's determination that this action is exempt from CEQA. (General Fund Funding) Contact: Chris Jenks
- c. Aspen Environmental Group. Proposed resolution approving Agreement 700-22-003 with the Aspen Environmental Group for a \$3,000,000 contract to assist in evaluating applications for energy facilities, monitoring compliance for permitted facilities, and reviewing petitions to amend or modify permitted facilities; and supporting environmental impact assessment, engineering, climate, and related issues. (EFLCF and COIA Funding) Contact: Hilarie Anderson
- d. Amendments to Conflict-of-Interest Code. Proposed resolution approving amendments to the CEC's Conflict-of-Interest Code, California Code of Regulations, title 20, sections 2401 and 2402. The resolution authorizes the initiation of a staff comment period on the proposed amendments and submission of the proposed amendments to the Fair Political Practices Commission for approval pursuant to the Political Reform Act (Act). The Conflict-of-Interest Code specifies which employees must file a Form 700 Statement of Economic Interests and which interests they must report. The Act requires state agencies to consider updates to their Conflict-of-Interest Codes on a biennial basis and when the agency has added positions, eliminated positions, or modified its organizational structure. Contact: Josephine Crosby
- e. National Wind Technology Consortium, Inc. dba National Offshore Wind Research and Development Consortium (NOWRDC). Proposed resolution approving Agreement 300-22-001 with the National Wind Technology Consortium, Inc. dba NOWRDC for a two-year plus three months, prorated Public Sponsor Membership invoiced annually at \$25,000, for a total of \$60,000, including the use of the CEC logo in membership advertisements, and adopting staff's determination that this membership is not a project under CEQA. The NOWRDC is a nationally focused, not-for-profit organization collaborating with industry, state, and federal government on research and development activities to reduce the levelized-cost of offshore wind energy in the United States while maximizing other economic and social benefits. (EPIC Funding) Contact: Rizaldo Aldas
- ~~f. Hell's Kitchen Geothermal LLC. Proposed resolution approving Amendment 1 to grant Agreement EPC-19-018 with Hell's Kitchen Geothermal LLC. This amendment approves Phase II of the Scope of Work (SOW), authorizes the~~

~~expenditure of funds for Phase II, includes minor changes to the SOW (not to the project's purpose), and adopts staff's determination that this project is exempt from CEQA. Phase II includes procuring required materials and equipment, and constructing, commissioning, and operating the pilot facility. Additionally, the project will determine the exact chemical composition of geothermal brine at the site, gather scaling factors for designing larger scale plants, and provide techno-economic assessment for commercial scale operations. (EPIC Funding) Contact: Nadia Richards~~

**2. Offshore Wind Report. [Previously item 5]**

Proposed resolution to adopt the final report *Offshore Wind Energy Development in Federal Waters Offshore the California Coast: Maximum Feasibly Capacity and Megawatt Planning Goals for 2030 and 2045*. This 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, and supports the development of an offshore wind strategic plan as required by Assembly Bill 525 (AB 525, Chiu, Chapter 231, Statutes of 2021). Contact: Rhetta DeMesa (Staff Presentation: 10 minutes)

**3. Information Item on the 2021 Diversity Report. [Previously item 2]**

Staff will provide an update on the progress made and efforts conducted through the CEC's Inclusion Diversity Equity and Access (IDEA) Initiative. IDEA seeks to strengthen the CEC's culture of belonging and the CEC's policy to optimize opportunities for California Native American Tribes, diverse businesses, disadvantaged communities, and all Californians to participate in and benefit from CEC programs. IDEA co-executive sponsors will present recommendations to improve the workplace and increase benefits to communities through programs led by divisions. Contact: Noemí Gallardo (Staff Presentation: 15 minutes)

**4. Information Item on Fellowship Projects under Chair Hochschild's Office. [Previously item 12]**

Two fellows in Chair David Hochschild's office will present brief summaries of work completed during their fellowships. Jess Frisbie, a CivicWell fellow, will present work supporting the Lithium Valley Commission. Kapil Dheeryia, a Stanford Shultz fellow, will present work related to gas transition planning and research. Contact: Terra Weeks (Staff Presentation: 10 minutes)

**5. Small Power Plant Exemption (SPPE) for the CA3 Backup Generating Facility (21-SPPE-01).**

Public hearing and proposed order adopting the Committee Proposed Decision and errata on the application for an SPPE for the CA3 Backup Generating Facility (21-SPPE-01). The proposed decision includes a recommendation on whether to certify the environmental impact report prepared pursuant to CEQA. Contact: Susan Cochran (Staff Presentation: 10 minutes)

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

## **6. Demand Side Grid Support (DSGS) Program (22-RENEW-01).**

Proposed resolution adopting the *DSGS Program Guidelines, First Edition*, and adopting staff's determination that this action is exempt from CEQA. The guidelines provide the requirements for program participation and eligibility and describe the program application, reporting requirements, incentive structures, and payment process. Contact: Ashley Emery (Staff Presentation: 10 minutes)

**[Due to a numbering error, there is no Item 7 on this agenda]**

## **8. Local Ordinances for the City of Santa Clara and the County of Santa Clara.**

Proposed resolutions finding that applications submitted by local jurisdictions contain ordinances that satisfy the statutory requirements in Public Resources Code section 25402.1(h)(2). Contact: Danuta Drozdowicz (Staff Presentation: 5 minutes)

- a. City of Santa Clara. The ordinance contains requirements that new hotel/motel and high-rise multifamily buildings with 10 stories or fewer, and new nonresidential buildings with three stories or fewer, install photovoltaic (PV) systems.
- b. County of Santa Clara. The ordinance contains requirements that new nonresidential, high-rise residential, and hotel/motel buildings install PV systems.

## **9. California Clean Energy Fund dba CalCEF Ventures.**

Proposed resolution approving Amendment 3 to Agreement EPC-18-002 with California Clean Energy Fund dba CalCEF Ventures to continue and expand the successful California Test Bed (CalTestBed) program established under this agreement, and adopting staff's determination that this action is exempt from CEQA. This amendment will provide an additional \$10,998,701 in follow-on funding and extend the agreement term by four years, enabling CalTestBed to continue providing critical technology testing and commercialization services to California clean energy entrepreneurs. This program leverages partnerships with more than 60 testing facilities spread across nine University of California campuses and the Lawrence Berkeley National Lab to provide clean energy companies access to testing facilities to test prototypes of pre-commercial distributed energy resource technologies and help them refine their prototype to meet customer specifications. (EPIC Funding)  
Contact: Molly O'Hagan (Staff Presentation: 5 minutes)

## **10. Smartville, Inc.**

Proposed resolution approving Agreement EPC-22-003 with Smartville, Inc. for a \$2,000,000 grant to accelerate its modular assembly energy storage system product development for second life batteries, and adopting staff's determination that this action is exempt from CEQA. With this funding, the recipient will avoid potential funding shortfalls as it moves quickly from a successful pilot project to commercialization. The project will 1) iterate on the existing battery energy storage system design with the objective of reducing fabrication and build costs, 2) create an

initial production facility at its headquarters in Carlsbad, California, and 3) retrofit the pilot site from a previous EPIC project with an updated version of Smartville's energy storage product. (EPIC Funding) Contact: Liet Le (Staff Presentation: 5 minutes)

#### **11. Vehicle-to-Building Technologies for Resilient Backup Power (GFO-21-303).**

This solicitation sought proposals to advance and demonstrate bidirectional charging technologies that allow electric vehicles (EVs) to provide backup power and other electric services to facilities during outages or intentional islanding from the electric grid. (EPIC Funding) Contact: Ben Wender (Staff Presentation: 10 minutes)

- a. The Regents of the University of California, on behalf of the Davis Campus. Proposed resolution approving Agreement EPC-22-002 with the Regents of the University of California, on behalf of the Davis Campus for a \$3,000,362 grant, and adopting staff's determination that this action is exempt from CEQA. The project will improve, install, and evaluate bidirectional chargers for heavy duty electric vehicles (EV) to provide backup power and other demand modifying services at a facility in Oakland.
- b. Gridtractor, A California Corporation. Proposed resolution approving Agreement EPC-22-004 with Gridtractor, A California Corporation for a \$2,999,567 grant to demonstrate an on-farm mobile microgrid concept using battery-electric agricultural tractors, and adopting staff's determination that this action is exempt from CEQA. The project will develop and demonstrate high power discharge capabilities for electric tractors, integrate bidirectional chargers with on-farm electrical service points, support loads during outages, participate in demand response, and load shift in response to time-of-use tariffs.
- c. Gridscape Solutions, Inc. Proposed resolution approving Agreement EPC-22-005 with Gridscape Solutions, Inc. for a \$4,000,000 grant to advance and demonstrate an innovative direct current-coupled bidirectional charging platform capable of discharging multiple EVs using a centralized Rule 21-compliant grid forming inverter, and adopting staff's determination that this action is exempt from CEQA. The project will demonstrate discharging of EVs to power public buildings at three sites in a low-income, a disadvantaged, and a Tribal community.

#### **12. EVgo Services LLC.**

Proposed resolution approving Agreement ZVI-22-006 with EVgo Services LLC for a \$1,934,512 grant to provide 26 direct current fast charger stalls for high mileage on-demand transportation services at one site in Los Angeles, and adopting staff's determination that this action is exempt from CEQA. (General Fund Funding) Contact: Kyle Corrigan (Staff Presentation: 5 minutes)

#### **13. GRID Alternatives Greater Los Angeles, Inc.**

Proposed resolution approving Agreement ZVI-22-007 with GRID Alternatives Greater Los Angeles, Inc. for a \$1,099,211 grant to deploy 30 EV charging stations at several Housing Authority of the City of Los Angeles multifamily complexes

throughout Los Angeles County, and adopting staff's determination that this action is exempt from CEQA. (General Fund Funding) Contact: Phil Cazel (Staff Presentation: 5 minutes)

**14. Minutes.**

Possible approval of the July 13, 2022, Business Meeting minutes.

**15. 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.

**16. Executive Director's Report.**

**17. Public Advisor's Report.**

**18. 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.

**19. Chief Counsel's Report.**

Pursuant to Government Code section 11126(e)(1), 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:

*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)*

Pursuant to Government Code section 11126(e)(2), the CEC may also adjourn to closed session with its legal counsel to discuss facts and circumstances that may warrant the initiation of litigation:

*CEC grant agreement with Colony Energy Partners – Tulare, LLC (ARV-14-029).*

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## In-Person Instructions

Visitors will need to sign in with security and receive a pink or green temporary visitor badge to enter the primary meeting location in the Auditorium Room. The sign-in sheet at the security desk is for security purposes only and is not retained by the CEC as a public record. Any sign-in sheet in the Auditorium room will be voluntary. Visitors are not permitted on any floor or room other than the Auditorium Room and restrooms without a visitor badge and 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=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 for help at [publicadvisor@energy.ca.gov](mailto: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](mailto: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.

**Direct media inquiries** to (916) 654-4989 or [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov).

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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)