



California Energy Commission
Business Meeting Agenda

September 8, 2021
10:00 a.m.

Remote participation instructions below, after line items.

Public comment is accepted solely through the Zoom platform.

The California Energy Commission's (CEC) September 8, 2021 Business Meeting will be held remotely, consistent with Executive Order N-08-21 to continue to help California respond to, recover from, and mitigate the impacts of the COVID-19 pandemic. The public may participate consistent with the direction in the Executive Order.

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. Center for Transportation and the Environment. Proposed resolution approving Amendment 1 to Agreement ARV-21-017 with the Center for Transportation and the Environment to: 1) augment the agreement by \$713,173 for a total grant award of \$9,898,218; 2) update the Scope of Work to increase the number of Class 8 zero-emission trucks deployed from 22 to 30 and expand the fueling infrastructure capacity to support the increased number of trucks; and 3) adopt staff's determination that the increased number of trucks will not alter the California Environmental Quality Act (CEQA) findings made with the original Grant Agreement ARV-21-017. (General Fund) Contact: Alex Wan
- b. National Association of State Energy Officials (NASEO). Proposed resolution approving Agreement 400-21-001 with NASEO for a \$24,921 contract to formalize CEC membership. This one-year membership allows staff to connect

with key policy and decision makers, officials from other state and territorial energy offices, and affiliates from the private and public sectors. The membership also provides a forum for exchanging information, ideas, and resources, and to learn about new funding and partnership opportunities. (ERPA funding) Contact: Christine Collopy

- c. Alliance to Save Energy. Proposed resolution approving Agreement 200-21-001 with Alliance to Save Energy for a \$25,000 contract to renew CEC membership for one year. Membership allows staff to meet with key policy and decision makers and officials from over 100 organizations to advance energy efficiency through unique and effective policy, market transformation, education, communications, and research and technology initiatives. These meetings provide a forum for exchanging information, ideas, and resources. (ERPA funding) Contact: Brad Worster
- d. United States Fish and Wildlife Service. Proposed resolution approving Agreement 700-21-001 with the United States Fish and Wildlife Service for a \$139,017 contract to revegetate desert tortoise habitat, and adopting staff's determination that this action is exempt from CEQA. (Rice Solar Energy Bio Mitigation Account funding) Contact: Andrea Stroud
- e. Western Interstate Energy Board. Proposed resolution approving Agreement 800-21-001 with the Western Interstate Energy Board for a \$54,000 contract to maintain the State of California's membership status on the board through June 30, 2024. (ERPA funding) Contact: Christopher McLean

2. Order on Process for Battery Storage Systems.

Proposed order establishing a process for expediting licenses for battery storage systems of 20 megawatts or more that the CEC determines are capable of discharging for at least two hours and will deliver net peak energy by October 31, 2022. This proposed order is in response to the Governor's July 30, 2021 Emergency Proclamation declaring a state of emergency due to extreme drought, wildfires, and record-breaking heat events, resulting in projected energy shortfalls in 2021 and 2022. Contact: Shawn Pittard (Staff Presentation: 5 minutes)

3. Procter and Gamble Cogeneration Project (93-AFC-02C).

Proposed order approving Sacramento Cogeneration Authority's Petition for Post Certification Change in Ownership to transfer ownership of the project from Sacramento Cogeneration Authority to the Sacramento Municipal Utility District Financing Authority (SFA) and change the name of the project from Procter and Gamble Cogeneration Project to Procter and Gamble Power Plant. Contact: Elizabeth Huber (Staff Presentation: 5 minutes)

4. Campbell Cogeneration Project (93-AFC-03C).

Proposed order approving Sacramento Power Authority's Petition for Post-Certification Change in Ownership to transfer ownership of the project from Sacramento Power Authority to the SFA and change the name of the project from

Campbell Cogeneration Project to Campbell Power Plant. Contact: Elizabeth Huber (Staff Presentation: 5 minutes)

5. Lithium Valley.

Overview by CEC summer fellow of her research on mineral extraction to support the Lithium Valley Commission report. Contact: Lauren Illa (Staff Presentation: 10 minutes)

6. Overview of Market Informed Demand Automation Server (MIDAS)

Staff overview of the CEC's MIDAS platform. MIDAS is a database that can accept and communicate time of use prices, GHG emissions, and flex alert signals in a machine-readable format. MIDAS will be further tested using load flexibility research pilots, and when fully implemented, will facilitate the shifting of electricity demand to support building decarbonization and grid reliability efforts. Contact: Morgan Shepherd (Staff Presentation: 10 minutes)

7. 2019 Public Domain Residential and Nonresidential Compliance Software (CBECC-Res 2019.2.0 and CBECC-Com 2019.2.0) and Residential and Nonresidential Alternative Calculation Method (ACM) Reference Manual Updates.

Consideration and possible certification of updated 2019 public domain residential and nonresidential compliance software (CBECC-Res and CBECC-Com), version 2019.2.0 and associated residential and nonresidential ACM Reference Manuals. Revisions include changes to the standard design indoor air quality system for both CBECC-Res and CBECC-Com, changes to the HVAC standard design for CBECC-Com, and minor changes including new features and bug fixes. Contact: RJ Wichert (Staff Presentation: 5 minutes)

- a. Proposed resolutions certifying updated 2019 public domain residential and nonresidential software (CBECC-Res and -Com), version 2019.2.0, used to demonstrate performance compliance with the *2019 Building Energy Efficiency Standards* (Public Resources Code Section 25402.1(a)).
- b. Proposed resolutions certifying the updated 2019 Residential and Nonresidential ACM Reference Manuals as required by Public Resources Code Section 25402.1(e). The ACM Reference Manuals document the modeling methods used in the 2019.2.0 compliance software.

8. Revised Summer 2022 Stack Analysis.

Staff update on the summer 2022 stack analysis. This is an update of the near-term simplistic reliability outlook that was presented at the August 11, 2021 Business Meeting. The outlook is an hourly assessment for the peak day of each month, July 2022 through September 2022, under average and extreme weather conditions. This revised outlook incorporates comments from stakeholders. Contact: Angela Tanghetti (Staff Presentation: 10 minutes)

9. Association for Energy Affordability, Inc.

Proposed resolution approving Agreement 500-21-001 with Association for Energy Affordability, Inc. for \$6,000,000, with an option to augment the budget with \$2,000,000, and adopting staff's determination this action is exempt from CEQA. Association for Energy Affordability, Inc. will provide technical assistance to residential builders and developers under the Building Initiative for Low-Emissions Development (BUILD) Program, with an initial focus on new low-income residential housing. (BUILD funding) Contact: Myoung-Ae Jones (Staff Presentation: 5 minutes)

10. California Department of Food and Agriculture.

Proposed resolution approving Agreement 600-21-002 with the California Department of Food and Agriculture for a \$401,580 contract to research technical and performance requirements and procure test standards for evaluating and verifying commercial devices dispensing hydrogen and electricity as a zero-emission transportation fuel, and adopting staff's determination that this action is exempt from CEQA. (Clean Transportation Program funding) Contact: Sharon Purewal (Staff Presentation: 5 minutes)

11. 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 zero emission vehicles (ZEVs) and the related electric charging or hydrogen refueling infrastructure. (Clean Transportation Program funding) Contact: Kate Reid (Staff Presentation: 5 minutes)

- a. Sacramento Municipal Utility District (SMUD). Proposed resolution approving Agreement ARV-21-032 with SMUD for a \$200,000 grant to identify MD/HD electric charging and hydrogen refueling needs for ZEV trucks and buses within the SMUD service territory, and identify specific infrastructure locations to serve those needs, and adopting staff's determination that this action is exempt from CEQA.
- b. City of Culver City. Proposed resolution approving Agreement ARV-21-033 with the City of Culver City for a \$200,000 grant to develop a blueprint for installing depot charging infrastructure to support the transition of the city's MD/HD vehicles to all electric by 2028, and adopting staff's determination that this action is exempt from CEQA.
- c. CALSTART, Inc. Proposed resolution approving Agreement ARV-21-034 with CALSTART, Inc. for a \$200,000 grant to develop a blueprint that will provide a comprehensive strategy for installing charging infrastructure that will help accelerate the deployment of MD/HD EVs in and around Porterville, California, by both public and private fleets, and adopting staff's determination that this action is exempt from CEQA.

- d. The Redwood Coast Energy Authority. Proposed resolution approving Agreement ARV-21-035 with the Redwood Coast Energy Authority for a \$200,000 grant to develop a blueprint to identify actions and milestones needed for deployment of MD/HD ZEVs and related charging and hydrogen refueling infrastructure in Humboldt County and surrounding areas, and adopting staff's determination that this action is exempt from CEQA.

12. WattEV, Inc.

Proposed resolution approving Agreement ARV-21-025 with WattEV, Inc. for a \$1,000,000 grant to install, commission, and operate a public charging truck stop facility in Bakersfield, California, that will serve MD/HD battery electric trucks, and adopting staff's determination that this action is exempt from CEQA. (Clean Transportation Program funding) Contact: Matthew Kozuch (Staff Presentation: 5 minutes)

13. WattEV, Inc.

Proposed resolution approving Agreement EPC-21-006 with WattEV, Inc. for a \$4,000,000 grant to fund the design, construction, and commissioning of a modular distributed energy resource (DER) package composed of solar photovoltaics, second life battery storage, and an AC/DC distribution control system at a public access electric truck stop, and adopting staff's determination that this action is exempt from CEQA. The scalable DER package is intended to provide reliable low-cost renewable energy for a dedicated fleet of ten Class 8 battery electric trucks and to support broader public access to MD/HD Plug-in EV charging for fleets in a burgeoning trade corridor. (EPIC funding) Contact: Elise Ersoy (Staff Presentation: 5 minutes)

14. Minutes.

Possible approval of the August 11, and August 17, 2021 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 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.

19. 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=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'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.

Public Advisor Assistance. Direct questions about how to participate in the business meeting or to request interpreting services or other reasonable accommodations to the Public Advisor's Office at publicadvisor@energy.ca.gov, by phone at (916) 654-4489 or toll free at (800) 822-6228. Requests for interpreting services and reasonable accommodations should be made at least five days in advance. 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's Office. Comments submitted after the business meeting starts will be filed in the business meeting docket. The CEC will work diligently to accommodate all requests.

Direct media inquiries to (916) 654-4989 or 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)