

**DOCKETED**

<b>Docket Number:</b>	24-BUSMTG-01
<b>Project Title:</b>	2024 Business Meeting Agendas, Transcripts, Minutes, and Public Comments
<b>TN #:</b>	254111
<b>Document Title:</b>	Orders and Resolutions of the January 24, 2024 Business Meeting
<b>Description:</b>	N/A
<b>Filer:</b>	Ngoc Tran
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	1/25/2024 3:02:37 PM
<b>Docketed Date:</b>	1/25/2024

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: City of Eureka

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves amendment 2 to agreement 002-21-ECI, with the City of Eureka, to increase the loan amount by \$50,000. The CEC previously approved a \$1,392,677 ECAA loan to fund the installation of two solar photovoltaic (PV) systems at two sites and a light emitting diode (LED) retrofit at one site in Eureka. The budget augmentation is being requested because the lowest bid for one of the solar PV systems is \$50,000 more than the original budget. The amendment will increase the total ECAA loan amount to \$1,442,677 and extend the simple payback period to 15.2 years; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: EnergyHub, Inc.**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves an amendment to agreement EPC-20-011, for a novation changing the grant recipient from Packetized Energy Technologies, Inc. (Packetized Energy) to EnergyHub, Inc. due to EnergyHub, Inc.'s acquisition of Packetized Energy. This grant funds the demonstration of an advanced load flexibility management platform to aggregate diverse groups of energy devices to respond in real-time to changing grid conditions; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

**STATE OF CALIFORNIA**  
**STATE ENERGY RESOURCES**  
**CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: California Department of Food and Agriculture**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement 600-23-005 with the California Department of Food and Agriculture for a \$1,045,290 contract to procure fifteen mobile electric vehicle supply equipment (EVSE) measuring devices for evaluating and verifying electricity dispensed from EVSEs, in multiple counties; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

\_\_\_\_\_  
Ngoc Tran  
Secretariat

**STATE OF CALIFORNIA**  
**STATE ENERGY RESOURCES**  
**CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: Electric Power Research Institute, Inc.**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves amendment 1 to contract 800-22-008 with Electric Power Research Institute, Inc. to authorize the remaining \$886,705 from the originally approved \$1.5 million under the contractor's initial award. EPRI will support EAD's evaluation and comparison of different pathways for achieving California's clean energy goals as established in the 100 Percent Clean Energy Act of 2018 (Senate Bill 100, De León, Chapter 312, Statutes of 2018); and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

\_\_\_\_\_  
Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**IN THE MATTER OF:**

***Sentinel Energy Center***

Docket No.: 07-AFC-03C

**ORDER APPROVING THE  
ADDITION OF BLACK START  
CAPABILITY TO THE FACILITY**

**I. BACKGROUND**

On June 6, 2022, Sentinel Energy Center, LLC (Sentinel) filed a post certification petition (TN# 243444) with the California Energy Commission (CEC) requesting to amend the Sentinel Energy Center (SEC) CEC Final Decision (Decision) to add black start capability, which allows the facility to restart without external assistance from the electric system. On September 8, 2023, an amended petition was filed (TN# 252184-1 and TN# 252184-2).

The SEC is an 850-megawatt (MW) natural gas-fired, simple-cycle facility located near North Palm Springs, in Riverside County. The project was certified by the CEC on December 1, 2010, and began commercial operation on August 1, 2013.

A lithium iron phosphate (LFP) battery system would be used to provide auxiliary power needed to restart equipment and combustion turbines at the facility even if the facility is isolated from the grid.

Sentinel is proposing the following modifications:

- Add a 17.18-MW/34.36 megawatt-hours (MWh) LFP battery-based black start capability to the facility.
- Supporting modifications to the plant control system and electrical distribution system.

Sentinel would also request modifications to the California ISO Interconnection Agreement to reflect the addition of the black start system.

## **II. STAFF RECOMMENDATION**

Staff recommends the CEC approve the petition.

Consistent with the CEC's amendment process under California Code of Regulations, title 20, section 1769(a)(4), staff has reviewed the petition for potential environmental effects; consistency with applicable laws, ordinances, regulations, and standards, (LORS); and existing conditions of certification. The addition of the battery system will introduce new potential impacts to Worker Safety and Fire Protection that were not previously evaluated in the Final Staff Assessment.

Staff concludes that, with the addition of new Worker Safety and Fire Protection conditions of certification there would be no significant impacts from the construction and operation of the battery black start system, and the changes would not cause the project to fail to comply with any applicable LORS. In addition, staff concludes that none of the findings specified in California Code of Regulations, title 20, section 1748(b) apply to the proposed changes. Lastly, staff concludes the proposed changes adding the battery black start system do meet the criteria requiring the production of a supplemental review pursuant to Public Resources Code section 21166 and California Code of Regulations, title 14, section 15163 which staff details in its analysis.

A 45-day public comment period on staff's analysis ran from November 20, 2023, to January 5, 2024. No comments were received.

## **III. ENERGY COMMISSION FINDINGS**

Based on the record, including staff's analysis, the CEC concludes that the proposed modifications will not result in any significant impacts to public health and safety, or to the environment. The CEC finds that:

- The petition meets all the filing criteria of California Code of Regulations, title 20, section 1769 (a), concerning post-certification project modifications;
- The modifications will not change the findings in the CEC's Final Decision, pursuant to California Code of Regulations, title 20, section 1748;
- The project will remain in compliance with all applicable laws, ordinances, regulations, and standards, subject to the provisions of Public Resources Code section 25525;
- The addition of the black start system will improve regional grid reliability;
- Any environmental impacts from the addition of the black start system will be mitigated with the addition of new conditions of certification: Worker Safety-6, Worker-Safety-7, and Worker-Safety-8 with a correction replacing the current reference to the Palm Desert Fire Department (PDFD) with the correct fire department, the Riverside County Fire Department (RCFD);

- Notice of the staff assessment was mailed to the CEC’s list of interested parties and property owners of all parcels within 500 feet of any affected project linears and 1,000 feet of the project site as well as emailed to the project subscription list; and
- The staff assessment was subject to a 45-day comment period and no comments were received.

#### **IV. CONCLUSION AND ORDER**

The CEC hereby adopts staff’s recommendations and approves the petition and new conditions of certification to the Commission Decision as set forth in the staff analysis (TN# 253272) with a correction replacing the current reference to the Palm Desert Fire Department (PDFD) with the correct fire department, the Riverside County Fire Department (RCFD).

**IT IS SO ORDERED.**

#### **CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

**STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION DELEGATING CERTAIN ADDITIONAL ACTIVITIES TO THE  
EXECUTIVE DIRECTOR**

**I. Purpose of Resolution**

The Warren-Alquist State Energy Resources Conservation and Development Act (Act), Public Resources Code section 25000 et seq, provides that the commission shall prescribe the duties of the executive director and direct them in the performance of these duties in conformance with the policies and guidelines established by the commission. (Public Resources Code, §§ 25217(a), 25217.5.) Any power or duty of the commission shall be liberally construed in order to carry out the objectives of the Act and the commission may take any action it deems reasonable and necessary to carry out the Act. (Public Resources Code, §§ 25218, 25218.5.) The commission has previously resolved “[t]hat it is the policy of this commission that the executive director shall be the top administrative executive of this agency and shall exercise authority in managerial decisions in accordance with policies and guidelines adopted by this commission, pursuant to Public Resources Code section 25217.5.” (Resolution No. 76-512-10(j).) Additionally, Government Code section 11415.60 grants discretion to agency heads to delegate power to approve settlement agreements. Furthermore, Public Resources Code section 25373(d) authorizes the commission to delegate to the executive director the authority to prescribe the duties, organization, and schedule of meetings of the Independent Consumer Fuels Advisory Committee.

The commission engages in a significant amount of work on a daily basis. To ensure that this work is performed in a timely manner, it is necessary to clarify the responsibilities delegated to the Executive Director for the day-to-day administration of commission programs. The commission continues to retain general policymaking power to determine the terms and conditions of the Executive Director’s exercise of authority and will exercise continued oversight and control of the Executive Director’s activities as delegated duties are performed.

This resolution incorporates by reference and does not supersede all preceding delegations of authority to the Executive Director including without limitation: Resolutions 20-0812-1a; 18-0221-7; 16-0614-1a; 76-512-10(j); 75-1112-15; 75-86-11; 75-317-6; and Orders 16-0614-1a; 15-0225-01g; 12-0711-6; 11-0810-3.

**II. Responsibilities Delegated to the Executive Director**

In addition to the authority to make managerial decisions previously delegated, the commission hereby clarifies that the following specific responsibilities are delegated to the Executive Director, or their designee, to be carried out in conformance with all applicable laws and commission policies and guidelines and subject to continued review, oversight, and direction by the commission.

- A. Authority to approve federal funding applications, negotiate and execute federal funding awards, and take other related actions necessary for the CEC to obtain federal funding under the Infrastructure Investment and Jobs Act (IIJA, also referred to as the Bipartisan Infrastructure Law) and the Inflation Reduction Act (IRA).
- B. Authority to execute and take other related actions necessary to effectuate federal pass-through awards, including a pass-through federal award to the California Alternative Energy and Advanced Transportation Financing Authority (CAEATFA) for funds received by the CEC pursuant to the Energy efficiency revolving loan fund capitalization grant program.
- C. Authority to approve settlement agreements assessing administrative civil penalties in powerplant enforcement cases in accordance with Public Resources Code section 25534(b). In determining the appropriate settlement amount, the Executive Director shall take into consideration the factors identified in Public Resources Code section 25534.1(e).
- D. Authority to prescribe the duties, organization, and schedule of the Independent Consumer Fuels Advisory Committee in accordance with Public Resources Code section 25373(d).

The Executive Director may, at any time, choose not to exercise any delegated responsibility and instead may agendize the pertinent matter for commission consideration at a business meeting, as the Executive Director deems appropriate.

### **III. Report**

The Executive Director shall periodically report to the commission at a business meeting information related to the exercise of responsibility delegated pursuant to this resolution.

IT IS SO RESOLVED.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**IN THE MATTER OF:**

**OPENING AN INFORMATIONAL  
PROCEEDING ON JUSTICE,  
ACCESS, EQUITY, DIVERSITY, AND  
INCLUSION**

Docket No.: 24-OIIP-01

**ORDER INSTITUTING  
INFORMATIONAL PROCEEDING**

## I. BACKGROUND

The California Energy Commission (CEC) is required to adopt the Integrated Energy Policy Report (IEPR) every two years and to prepare an energy policy review to update analyses from the IEPR every two years. On February 28, 2023, the CEC published the *2022 IEPR Update*, which provides updates on a variety of energy issues facing California, including advancing equity and addressing disparities. Through the *2022 IEPR Update*, the CEC sought input and guidance from the public to develop and produce a comprehensive framework to align the agency on the shared values, principles, and best practices it should apply to embed equity and environmental justice further in CEC efforts. “Environmental justice” is defined in Government Code section 65040.12(e) as: “the fair treatment of people of all races, cultures, and incomes with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies.”<sup>1</sup> As stated in the *2022 IEPR Update*, “[a]ligning with Executive Order N-16-22, the CEC must take action to address existing disparities in opportunities and outcomes by designing and delivering services and programs consistent with federal and state constitutional requirements to address unequal starting points and drive equal outcomes so all Californians may reach their full potential and lead healthy and rewarding lives.”<sup>2</sup> The *2022 IEPR Update* recommended a number of actions for the CEC “to advance equity and environmental justice in a clean energy future that contributes to all Californians living with dignity and security prosperity” including “[o]pen an informational proceeding on equity and environmental justice to continue formal dialogue with the public.”<sup>3</sup>

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<sup>1</sup> Gov. Code § 65040.12(e).

<sup>2</sup> Bailey, Stephanie, Jane Berner, David Erne, Noemí Gallardo, Quentin Gee, Akruiti Gupta, Heidi Javanbakht, Hilary Poore, John Reid, and Kristen Widdifield. 2023. *Final 2022 Integrated Policy Report*. California Energy Commission. A-4, appendix. Publication Number: CEC-100-2022- 001-CMF.

<sup>3</sup> *Id.* at 131.

The CEC has “a history of taking action to embed equity and environmental justice throughout its work,”<sup>4</sup> and in the *2022 IEPR Update*, the CEC renewed its commitment to its Justice Access Equity Diversity Inclusion (JAEDI) Initiative, which started in 2019, to focus on embedding equity and environmental justice in its external and internal efforts. JAEDI’s vision is to “achiev[e] an energy system of the future — one that is clean, modern, reliable and ensures our economy continues to thrive while serving all Californians regardless of their race, income, or location.”<sup>5</sup> By using the JAEDI framework, “the CEC will continue its journey to diligently and intentionally improve its internal operations and workplace to ensure its workforce feels welcome and supported (JAEDI-in) and to improve what goes out of the CEC in the form of our programmatic and policy work (JAEDI-out).”<sup>6</sup>

## **II. IDENTIFICATION OF LEAD COMMISSIONER AND SCOPE**

Through this Order Instituting Informational Proceeding (OIIP), the CEC seeks to establish a proceeding focused on justice, access, equity, diversity, and inclusion, have an associated docket to receive public comment, and have resources to support related efforts. This OIIP seeks to continue formal dialogue with the public and establish a record of stakeholder input from multiple perspectives, including those of California Native American tribes, local government, community leaders, environmental justice and environmental groups, and the public. CEC staff will use the input received through this OIIP to develop recommendations for further embedding the JAEDI principles into its efforts, programs, policies, and projects. Examples include implementing the JAEDI Framework, continuing the Communities of Practice effort, building out workforce development in clean energy, advancing the Energy Equity Indicators tool and creating a JAEDI action plan for the CEC.

Commissioner Noemí Otilia Osuna Gallardo shall be the Lead Commissioner.

## **III. HEARINGS AND WORKSHOPS**

The Lead Commissioner will issue notices at least 14 days before the first hearing. The first hearing for this proceeding will be held in the first or second quarter of 2024. Additional hearings will be held and separately noticed. Notices of additional hearings will be issued at least ten days in advance of the respective hearings and workshops and will identify at that time when written comments and testimony will be due, as well as the manner of the filing.

Any person may make oral comments on the subject of this proceeding at these hearings and workshops; the notice for each workshop will identify further details and any limitations surrounding the provision of such comments. The written public

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<sup>4</sup> *Id.* at 1.

<sup>5</sup> *Id.* at A-2, appendix.

<sup>6</sup> *Id.* at A-1, appendix.

comment periods for this proceeding, and the manner in which they will be required to be filed, will be established by separate notice.

#### **IV. AUTHORITY**

Pursuant to Public Resources Code section 25210 and California Code of Regulations, Title 20, section 1220(b), informational proceedings allow the CEC to hold hearings and take other actions to gather and assess information needed to assist it in formulating policies. Instituting an informational proceeding with the adoption of this Order ensures that the CEC commissioners and staff can implement some of the recommendations focused on energy equity and environmental justice adopted through the *2022 IEPR Update*.

#### **V. PUBLIC PARTICIPATION**

The CEC encourages public participation in this proceeding. Any person participating in a hearing or workshop shall be afforded reasonable opportunity to make comments. Petitions to intervene are not necessary.

To foster public participation in this proceeding, the Executive Director, in conjunction with the Public Advisor, shall ensure that information regarding this order and notices of hearings and workshops are distributed to all interested persons via the list serv and posted on the CEC website. To stay informed about this proceeding and receive documents and notices of upcoming workshops and hearings as they are filed, interested persons may subscribe to the proceeding listserv (Commission General Topics> Order Instituting Informational Proceeding on Justice, Access, Equity, Diversity, and Inclusion), which can be accessed here:

<https://www.energy.ca.gov/subscriptions>. The listserv emails notifications and direct links when documents and notices are filed in the proceeding docket. There will be opportunities for providing written comments before and during these hearings, the details of which will be specified in the notice issued for each hearing.

For additional information about how to participate in this proceeding, please contact the CEC's Office of the Public Advisor, Energy Equity, and Tribal Affairs at (916) 957-7910, or via email at [publicadvisor@energy.ca.gov](mailto:publicadvisor@energy.ca.gov). Media questions should be directed to the CEC's Media Office at [mediaoffice@energy.ca.gov](mailto:mediaoffice@energy.ca.gov) or (916) 654-4989.

#### **VI. CONCLUSION AND ORDER**

The CEC therefore orders the institution of an informational proceeding on justice, access, equity, diversity, and inclusion to continue the CEC's formal dialogue with the public about the JAEDI framework developed in the *2022 IEPR Update* and about other efforts.

**IT IS SO ORDERED.**

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of an order duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

**STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**CALIFORNIA ENERGY COMMISSION AND CALIFORNIA WORKFORCE  
DEVELOPMENT BOARD COLLABORATION**

**WHEREAS**, the California Energy Commission (CEC) and California Workforce Development Board (CWDB) intend to collaborate and coordinate on High Road workforce development efforts that increase opportunities for all Californians; and

**WHEREAS**, staff of both agencies desire to formalize their collaboration efforts to develop recommendations for the state’s workforce and industry-based training partnerships to meet California’s clean energy goals; and

**WHEREAS**, a draft Partnership Agreement between the CEC and CWDB to Collaborate on Increasing Economic Opportunities for all Californians includes a shared scope of work for technical assistance, support, analysis, advice, consultation, and education at the intersection of clean energy and workforce development; and

**WHEREAS**, the goal of this shared work is to support recommendations for CEC energy policies, programs, and practices; support high-quality jobs, careers, and workforce education and training; and facilitate greater access to quality employment and workforce development opportunities in the energy sector for disadvantaged and low-income communities in California; and

**WHEREAS**, another goal is to improve the CWDB’s workforce investments in the energy sector to support the CEC in helping the state meet its clean energy goals in a just and equitable manner.

**THEREFORE, BE IT RESOLVED**, that the CEC supports the collaboration between the CEC and CDWB to develop recommendations for the state’s workforce and industry-based training partnerships needed to meet California’s clean energy goals in a just and equitable manner; and

**FURTHER BE IT RESOLVED**, that the CEC affirms that the Lead Commissioner for Energy Equity and Environmental Justice may sign the Partnership Agreement between the CEC and CWDB to Collaborate on Increasing Economic Opportunities for all Californians.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: The Regents of the University of California, on behalf of the  
Berkeley Campus**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement PIR-23-010 with The Regents of the University of California, on behalf of the Berkeley Campus, for a \$3,000,000 grant to demonstrate the coupling of remote and embedded sensing technologies with an open-source seismic risk assessment tool. This demonstration project will take place in Alameda, Contra Costa, and Santa Clara counties, and will assess current conditions, predict future reliability of gas pipeline infrastructure, and inform appropriate prioritization of natural hazard and seismic risk mitigation measures; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: Tour Engine, Inc.**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement PIR-23-008 with Tour Engine, Inc. for a \$1,201,141 grant to develop and demonstrate the Tour Engine and the Tour ENABLE, a small engine based micro combined heat and power system using the 5-kW Tour Engine hybridized with a 15-kW battery. The Tour Engine and the Tour ENABLE system in San Diego County will run efficiently on high blends of hydrogen (exceeding 30 percent by volume) up to 100 percent in the fuel stream while mitigating greenhouse gas and oxides of nitrogen emissions; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

\_\_\_\_\_  
Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: Noble Thermodynamic Systems, Inc.**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement PIR-23-009 with Noble Thermodynamic Systems, Inc. for a \$4,242,259 grant to develop and demonstrate the use of hydrogen gas, and using non-reactive argon to substitute nitrogen (in air) in a retrofitted, reciprocating, internal-combustion, piston engine with a nameplate capacity of at least 300 kilowatts in Pomona. The grant's purpose is to operate the engine on increasing blends of hydrogen compared to fossil gas without generating oxides of nitrogen emissions and capturing greenhouse gases while maintaining benchmark fuel-to-electricity efficiency and generation system performance; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

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AYE: Hochschild, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: Enchanted Rock, LLC**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement PIR-23-011 with Enchanted Rock, LLC for a \$2,142,968 grant to develop and demonstrate a gas-fired power generation technology in San Marcos that can run efficiently on high blends of renewable hydrogen (exceeding 30 percent by volume) in the fuel stream while mitigating greenhouse gas emissions and criteria pollutants; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: Gunda  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: The Regents of the University of California, on behalf of the Davis Campus**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement EPC-23-021 with The Regents of the University of California, on behalf of the Davis Campus for a \$494,711 grant to fund the application of the California Environmental Flows Framework (CEFF). CEFF and the concept of functional flows are an innovative approach to instream flow determinations and associated water release management that may be applied for hydropower projects to improve downstream ecological conditions; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, Gunda, McAllister, Monahan, Gallardo

NAY: NONE

ABSENT: Gunda

ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: The Regents of the University of California, on behalf of the  
Merced Campus**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement EPC-23-022 with The Regents of the University of California on behalf of the Merced Campus, for a \$500,000 grant to develop a decision support system for the Federal Energy Regulatory Commission's (FERC) hydropower relicensing process that balances ecological and energy concerns in the context of climate change; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Hochschild, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: Gunda  
ABSTAIN: NONE

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat

STATE OF CALIFORNIA  
STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: Building Decarbonization Coalition**

**RESOLVED**, that the State Energy Resources Conservation and Development Commission (CEC) adopts the staff CEQA findings contained in the Agreement or Amendment Request Form (as applicable); and

**RESOLVED**, that the CEC approves agreement 500-23-002 with Building Decarbonization Coalition for a \$9,000,000 contract, authorized by Assembly Bill (AB) 102 (Chapter 38, Budget Act of 2023), to manage a public-private partnership dedicated to achieving Governor Newsom’s goal of installing 6 million heat pumps by 2030 through a consumer technical assistance, education, and outreach program to assist Californians in leveraging federal Inflation Reduction Act incentives and tax credits to decarbonize homes and address heat pump adoption barriers; and

**FURTHER BE IT RESOLVED**, that the Executive Director or their designee shall execute the same on behalf of the CEC.

**CERTIFICATION**

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the CEC held on January 24, 2024.

AYE: Gunda, McAllister, Monahan, Gallardo  
NAY: NONE  
ABSENT: NONE  
ABSTAIN: Hochschild

Dated: January 25, 2024

**SIGNED BY:**

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Ngoc Tran  
Secretariat