

<b>DOCKETED</b>	
<b>Docket Number:</b>	25-BUSMTG-01
<b>Project Title:</b>	2025 Business Meeting Agendas, Transcripts, and Public Comments
<b>TN #:</b>	262260
<b>Document Title:</b>	Orders & Resolutons of the March 17, 2025 Business Meeting
<b>Description:</b>	N/A
<b>Filer:</b>	Kristine Banaag
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	3/20/2025 1:23:44 PM
<b>Docketed Date:</b>	3/20/2025

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

***IN THE MATTER OF:***

***CLEAN TRANSPORTATION  
PROGRAM POLICY COMMITTEE***

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**Docket No.: 25-ALT-01**

**Order Assigning Policy Committee**

**I. BACKGROUND**

Pursuant to California Code of Regulations, Title 20, section 3104, the California Energy Commission shall assign a Policy Committee to establish and maintain an advisory committee for the Clean Transportation Program. California Code of Regulations, Title 20, section 3105 requires the presiding member of the Policy Committee to serve as the presiding member of the advisory committee — the Clean Transportation Program Advisory Committee — established in Health and Safety Code section 44272.5 and to preside over its public meetings.

**II. CONCLUSION AND ORDER**

The California Energy Commission hereby decides that at this time the Policy Committee will be a one-commissioner committee.

The sole and presiding Policy Committee member is as follows:

Commissioner Nancy Skinner

**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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**RESOLUTION FINDING BUILDING ENERGY EFFICIENCY STANDARDS  
CONTAINED IN THE CONTRA COSTA COUNTY ORDINANCE NO. 2024-17  
SATISFY STATUTORY REQUIREMENTS UNDER PUBLIC RESOURCES CODE  
SECTION 25402.1(h)(2)**

**WHEREAS**, Contra Costa County adopted Ordinance No. 2024-17, which establishes certain locally adopted building energy efficiency standards; and

**WHEREAS**, Public Resources Code section 25402(a) and (b) establishes that the California Energy Commission (CEC) shall prescribe, by regulation, statewide building energy efficiency and conservation standards; and

**WHEREAS**, Public Resources Code section 25402.1(h)(2) provides that nothing in Public Resources Code section 25402(a) or (b) shall prohibit the enforcement of city or county building energy efficiency standards if: (1) the city or county files the basis of its determination that the standards are cost-effective with the CEC and (2) the CEC finds that the locally adopted standards will require the diminution of energy consumption levels permitted by the rules and regulations adopted pursuant to Public Resources Code section 25402(a) and (b); and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106 establishes a process for local governmental agencies to submit an application to the CEC for a determination that locally adopted building energy efficiency standards meet the requirements set forth in Public Resources Code section 25402.1(h)(2); and

**WHEREAS**, Contra Costa County submitted an application to the CEC that included: (1) the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 2024-17 are cost-effective and (2) documentation that the locally adopted energy efficiency standards contained in Ordinance No. 2024-17 will require the diminution of energy consumption levels compared to the 2022 Building Energy Efficiency Standards (Energy Code), as required by California Code of Regulations, Title 24, Part 1, section 10-106, on October 16, 2024; and

**WHEREAS**, Contra Costa County adopted a determination at a public meeting on October 1, 2024, that the locally adopted energy efficiency standards contained in Ordinance No. 2024-17 are cost effective; and

**WHEREAS**, CEC staff has analyzed whether the locally adopted energy efficiency standards contained in Ordinance No. 2024-17 will require the diminution of energy

consumption levels compared to the 2022 Energy Code, and determined that it will do so; and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106(b)(4) requires that the local governmental agency's application include any findings, determinations, declarations, or reports, including any negative declaration or environmental impact report, required pursuant to the California Environmental Quality Act, Public Resources Code section 21000 et seq.; and

**WHEREAS**, Contra Costa County, in its application to the CEC, submitted the California Environmental Quality Act documentation required by California Code of Regulations, Title 24, Part 1, section 10-106(b)(4); and

**WHEREAS**, The locally adopted energy efficiency and conservation standards application filed by Contra Costa County satisfies the requirements of California Code of Regulations, Title 24, Part 1, section 10-106; and

**THEREFORE, BE IT FURTHER RESOLVED**, that, pursuant to Public Resources Code section 25402.1(h)(2), the CEC finds the following: (1) Contra Costa County has filed the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 2024-17 are cost-effective, and (2) Ordinance No. 2024-17 will require the diminution of energy consumption levels compared to the 2022 Energy Code; and

**THEREFORE BE IT FURTHER RESOLVED**, that the CEC directs the Executive Director to take all actions necessary to implement this Resolution.

### **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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

**SIGNED BY:**

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Kristine Banaag  
Secretariat

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

**RESOLUTION FINDING BUILDING ENERGY EFFICIENCY STANDARDS  
CONTAINED IN THE CITY OF CUPERTINO ORDINANCE NO. 24-2265 SATISFY  
STATUTORY REQUIREMENTS UNDER PUBLIC RESOURCES CODE SECTION  
25402.1(h)(2)**

**WHEREAS**, The City of Cupertino adopted Ordinance No. 24-2265, which establishes certain locally adopted building energy efficiency standards; and

**WHEREAS**, Public Resources Code section 25402(a) and (b) establishes that the California Energy Commission (CEC) shall prescribe, by regulation, statewide building energy efficiency and conservation standards; and

**WHEREAS**, Public Resources Code section 25402.1(h)(2) provides that nothing in Public Resources Code section 25402(a) or (b) shall prohibit the enforcement of city or county building energy efficiency standards if: (1) the city or county files the basis of its determination that the standards are cost-effective with the CEC and (2) the CEC finds that the locally adopted standards will require the diminution of energy consumption levels permitted by the rules and regulations adopted pursuant to Public Resources Code section 25402(a) and (b); and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106 establishes a process for local governmental agencies to submit an application to the CEC for a determination that locally adopted building energy efficiency standards meet the requirements set forth in Public Resources Code section 25402.1(h)(2); and

**WHEREAS**, The City of Cupertino submitted an application to the CEC that included: (1) the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 24-2265 are cost-effective and (2) documentation that the locally adopted energy efficiency standards contained in Ordinance No. 24-2265 will require the diminution of energy consumption levels compared to the 2022 Building Energy Efficiency Standards (Energy Code), as required by California Code of Regulations, Title 24, Part 1, section 10-106, on December 17, 2024; and

**WHEREAS**, The City of Cupertino adopted a determination at a public meeting on October 1, 2024, that the locally adopted energy efficiency standards contained in Ordinance No. 24-2265 are cost effective; and

**WHEREAS**, CEC staff has analyzed whether the locally adopted energy efficiency standards contained in Ordinance No. 24-2265 will require the diminution of energy

consumption levels compared to the 2022 Energy Code, and determined that it will do so; and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106(b)(4) requires that the local governmental agency's application include any findings, determinations, declarations, or reports, including any negative declaration or environmental impact report, required pursuant to the California Environmental Quality Act, Public Resources Code section 21000 et seq.; and

**WHEREAS**, The City of Cupertino, in its application to the CEC, submitted the California Environmental Quality Act documentation required by California Code of Regulations, Title 24, Part 1, section 10-106(b)(4); and

**WHEREAS**, The locally adopted energy efficiency and conservation standards application filed by the City of Cupertino satisfies the requirements of California Code of Regulations, Title 24, Part 1, section 10-106; and

**THEREFORE, BE IT FURTHER RESOLVED**, that, pursuant to Public Resources Code section 25402.1(h)(2), the CEC finds the following: (1) The City of Cupertino has filed the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 24-2265 are cost-effective, and (2) Ordinance No. 24-2265 will require the diminution of energy consumption levels compared to the 2022 Energy Code; and

**THEREFORE BE IT FURTHER RESOLVED**, that the CEC directs the Executive Director to take all actions necessary to implement this Resolution.

### **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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

**SIGNED BY:**

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Kristine Banaag  
Secretariat

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

**RESOLUTION FINDING BUILDING ENERGY EFFICIENCY STANDARDS  
CONTAINED IN THE CITY OF BURLINGAME ORDINANCE NO. 2032 SATISFY  
STATUTORY REQUIREMENTS UNDER PUBLIC RESOURCES CODE SECTION  
25402.1(h)(2)**

**WHEREAS**, The City of Burlingame adopted Ordinance No. 2032, which establishes certain locally adopted building energy efficiency standards; and

**WHEREAS**, Public Resources Code section 25402(a) and (b) establishes that the California Energy Commission (CEC) shall prescribe, by regulation, statewide building energy efficiency and conservation standards; and

**WHEREAS**, Public Resources Code section 25402.1(h)(2) provides that nothing in Public Resources Code section 25402(a) or (b) shall prohibit the enforcement of city or county building energy efficiency standards if: (1) the city or county files the basis of its determination that the standards are cost-effective with the CEC and (2) the CEC finds that the locally adopted standards will require the diminution of energy consumption levels permitted by the rules and regulations adopted pursuant to Public Resources Code section 25402(a) and (b); and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106 establishes a process for local governmental agencies to submit an application to the CEC for a determination that locally adopted building energy efficiency standards meet the requirements set forth in Public Resources Code section 25402.1(h)(2); and

**WHEREAS**, The City of Burlingame submitted an application to the CEC that included: (1) the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 2032 are cost-effective and (2) documentation that the locally adopted energy efficiency standards contained in Ordinance No. 2032 will require the diminution of energy consumption levels compared to the 2022 Building Energy Efficiency Standards (Energy Code), as required by California Code of Regulations, Title 24, Part 1, section 10-106, on December 17, 2024; and

**WHEREAS**, The City of Burlingame adopted a determination at a public meeting on November 04, 2024, that the locally adopted energy efficiency standards contained in Ordinance No. 2032 are cost effective; and

**WHEREAS**, CEC staff has analyzed whether the locally adopted energy efficiency standards contained in Ordinance No. 2032 will require the diminution of energy



consumption levels compared to the 2022 Energy Code, and determined that it will do so; and

**WHEREAS**, California Code of Regulations, Title 24, Part 1, section 10-106(b)(4) requires that the local governmental agency's application include any findings, determinations, declarations, or reports, including any negative declaration or environmental impact report, required pursuant to the California Environmental Quality Act, Public Resources Code section 21000 et seq.; and

**WHEREAS**, The City of Burlingame, in its application to the CEC, submitted the California Environmental Quality Act documentation required by California Code of Regulations, Title 24, Part 1, section 10-106(b)(4); and

**WHEREAS**, The locally adopted energy efficiency and conservation standards application filed by the City of Burlingame satisfies the requirements of California Code of Regulations, Title 24, Part 1, section 10-106; and

**THEREFORE, BE IT FURTHER RESOLVED**, that, pursuant to Public Resources Code section 25402.1(h)(2), the CEC finds the following: (1) The City of Burlingame has filed the basis of its determination that the locally adopted energy efficiency standards contained in Ordinance No. 2032 are cost-effective, and (2) Ordinance No. 2032 will require the diminution of energy consumption levels compared to the 2022 Energy Code; and

**THEREFORE BE IT FURTHER RESOLVED**, that the CEC directs the Executive Director to take all actions necessary to implement this Resolution.

### **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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

**SIGNED BY:**

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Kristine Banaag  
Secretariat

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

**RESOLUTION: Materials Research LLC**

**WHEREAS**, County of Imperial is the Lead Agency for the Hell's Kitchen Power & Lithium Project, proposed by Controlled Thermal Resources (US) Inc. via its subsidiaries, to build a geothermal power plant that will produce up to 49.9 megawatts of net geothermal energy and develop mineral extraction and processing facilities capable of producing lithium hydroxide, silica, and polymetallic products. The project will be located in the Salton Sea Know Geothermal Resource Area; and

**WHEREAS**, The Imperial County Planning and Development Services, prepared an Environmental Impact Report (EIR) for the Hell's Kitchen Project (SCH# 2022030704), Findings of Fact and Statement of Overriding Considerations (FOFSOC), a Mitigation Monitoring and Reporting Program (MMRP); and Conditional Use Permits (CUP) # 21-0020, for the construction, operation, maintenance, and decommissioning of a geothermal power plan facility, and # 21-0021, for the construction, operation, maintenance, and decommissioning of a mineral extraction and production facility adjacent to a proposed geothermal flash power plant; and

**WHEREAS**, The Imperial County Board of Supervisors considered and filed the EIR on January 24, 2024, making mitigation measures a condition of approval. The EIR, FOFSOC, MMRP, and CUPs are located at the Imperial County Website. The CEC has provided links to the documents in the backup material; and

**WHEREAS**, The Energy Commission has reviewed and considered the County's EIR, FOFSOC, MMRP, Resolutions approving the CUPs and the findings contained therein, the filed Notices of Determinations, and the Energy Commission Staff's Findings, which are contained in the Staff Memorandum and CEQA analysis of EPC-24-043, which is included in the backup materials; and

**WHEREAS**, the Energy Commission is considering the proposed agreement EPC-24-043, Geothermal Brine Pretreatment and Metal Recovery, a grant to allow Materials Research LLC to design, construct, and demonstrate a pilot scale geothermal brine treatment and metal recovery system, at the Hell's Kitchen Site in the Salton Sea Known Geothermal Resource Area; and

**WHEREAS**, Prior to acting on the Agreement EPC-24-043, the Energy Commission desires to make certain findings pursuant to the CEQA Guidelines, title 14, sections 15093 and 15096;

**THEREFORE, BE IT RESOLVED,**

1. The Energy Commission has reviewed the information contained in the EIR, FOFSOC, MMRP, and resolutions approving the EIR and CUPs relevant to its approval of EPC-24-043, and has reviewed the CEQA findings contained in the County's EIR, FOFSOC, MMRP, and the CUPs, which are adopted to the extent that they are relevant to the Energy Commission's decision to approve EPC-24-043, and has reviewed the Staff Memorandum identified above.
2. The County has already adopted the mitigation measures recommended in the EIR, FOFSOC, MMRP, and the CUPs, and has authority to implement the mitigation measures or to seek any required approvals for the mitigation measures and the Energy Commission has no direct authority to implement the mitigation measures.
3. The Energy Commission has reviewed and considered the EIR, FOFSOC, MMRP, Resolutions approving the CUPs, and the Staff memorandum, and finds that these documents are adequate for its use as the decision-making body for its consideration of EPC-24-043.
4. Approval of EPC-24-043 is within the scope of Conditional Use Permits 21-0020 and 21-0021 approved by the County, and within the activities evaluated in the EIR and CUPs.
5. Because the EIR was finalized and filed on January 24, 2024, and because the CUPs were approved and filed on January 24, 2024, none of the circumstances within CCR, title 14, section 15162 are present and there have been no substantial project changes and no substantial changes in the project circumstances that would require major revisions to the EIR or CUPs, either due to the involvement of new significant environmental effects, or to an increase in the severity of previously identified significant impacts, and there is no new information of substantial importance that would change the conclusions set forth in the EIR.
6. The Energy Commission has not identified any feasible alternative of additional feasible mitigation measures withing its power that would substantially lessen or avoid any significant effect the Project would have on the environment.

**FURTHER BE IT RESOLVED**, that the Energy Commission finds, on the basis of the entire record before it, that the mitigation measures incorporated in the EIR will prevent EPC-24-043 from having any significant environmental impacts; and

**FURTHER BE IT RESOLVED**, that the Energy Commission approves EPC-24-043 with Materials Research LLC for \$3,683,950.00.

**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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

---

Kristine Banaag  
Secretariat

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: National Wind Technology Consortium, Inc. dba National Offshore  
Wind Research & Development Consortium (NOWRDC)**

**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 300-24-001 with NOWRDC for a one-year, Public Sponsor Membership for \$30,000, including the use of the CEC logo in membership advertisements. This item increases the contract amount from \$25,000 to \$30,000. 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; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

**SIGNED BY:**

---

Kristine Banaag  
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 amendment 1 to agreement 600-22-009 with the Regents of the University of California, on behalf of the Davis Campus (UC Davis) to increase the contract by \$220,400, add additional tasks to the scope of work (SOW), change terms and conditions to reflect obligations related to the modified SOW and updated legal requirements. This amendment will increase the budget due to increased costs and to add additional scope and budget to conduct an electric vehicle (EV) charger reliability survey on behalf of the CEC; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

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

**RESOLUTION: Marin Clean Energy (MCE)**

**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-24-040 with MCE for a \$5,000,000 grant. This agreement will establish a market for flexible energy resources that benefits the grid, communities, and industry. MCE will expand their existing Distributed Energy Management System platform to support the integration of new resource types into the market and across all MCE jurisdictions, prioritizing disadvantaged and low-income communities. MCE will work with its 37 member communities to demonstrate these benefits in Solano and Contra Costa Counties and the project is expected to provide at least 1 MW of aggregated load flexibility; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

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

**RESOLUTION: Heirloom Carbon Technologies, Inc.**

**WHEREAS**, the City of Tracy (City), through its Community and Economic Development Director, is the Lead Agency for purposes of the California Environmental Quality Act (CEQA) with respect to the Demonstration of a Pre-Commercial, Electrified Thermal Reactor with Integrated Lime Hydration for use in Direct Air Capture (Project), a proposed project for the design and build-out of an electric reactor and tower that will be integrated with an operational direct air capture facility in Tracy; and

**WHEREAS**, the City prepared the Tracy Desalination and Green Energy Project Initial Study and Mitigated Negative Declaration (IS/MND) (SCH # 2011122004), the 2024 Addendum to the IS/MND, and Resolution No. 2012-75 (CEQA Documents) to evaluate the potential impacts of the Project; and

**WHEREAS**, the City, on January 22, 2025, through its Community and Economic Development Director, passed, approved, and adopted the CEQA Documents, copies of which are on file with the CEC, thereby finding that the Project will not result in new significant environmental impacts in light of the mitigation measures imposed on the project reflected in the IS/MND; and

**WHEREAS**, the CEC is now considering the proposed Agreement EPC-24-021 with Heirloom Carbon Technologies, Inc. (Heirloom) for a \$6,364,788 grant for the design and build-out of a pre-commercial electric downer calciner reactor and tower with an in-line hydration system that will be integrated with an operational direct air capture facility in Tracy, which will be capable of capturing between 500 and 1,000 tons of CO<sub>2</sub> annually; and

**WHEREAS**, the Energy Commission has both reviewed the CEQA Documents as well as used its own independent judgment to consider the potential environmental impacts of proposed Agreement EPC-24-021 and the proposed Project; and

Prior to acting on Agreement EPC-24-021, the Energy Commission desires to make certain findings pursuant to CEQA Guidelines, title 14, sections 15091 and 15096.

**THEREFORE, BE IT RESOLVED**, to the extent relevant to proposed Agreement EPC-24-021, the Energy Commission has reviewed and considered the information and CEQA findings contained in the City's CEQA Documents and the Determination of the



Community and Economic Development Director of January 22, 2025, approving the project as documented in Staff's CEQA Analysis memo included in the backup materials.

**FURTHER BE IT RESOLVED**, that, the Energy Commission finds the City's CEQA Documents are adequate for its use as the decision-making body for its consideration of Agreement EPC-24-021, and that approval of Agreement EPC-24-021 is within the scope of the City's CEQA Documents. The Energy Commission further finds that the City has adopted the mitigation measures recommended in the City's IS/MND, and has authority to implement the mitigation measures or to seek any required approvals for those measures, and the Energy Commission has no direct authority to implement those measures.

**FURTHER BE IT RESOLVED**, that, since the City's CEQA Documents were finalized, there have been no substantial project changes and no substantial changes in the project circumstances that would require major revisions to these documents due to the involvement of new significant environmental effects or an increase in the severity of previously identified significant impacts, and there is no new information of substantial importance that would change the conclusions set forth therein.

**FURTHER BE IT RESOLVED**, that the Energy Commission has not identified any feasible alternative or additional feasible mitigation measures within its power that would substantially lessen or avoid any significant effect which Agreement EPC-24-021 would have on the environment.

**THEREFORE BE IT RESOLVED**, that the Energy Commission finds, on the basis of the entire record before it, that the mitigation measures incorporated into the City's CEQA Documents, will prevent Agreement EPC-24-021 from having any significant effects on the environment.

**FURTHER BE IT RESOLVED**, that this document authorizes the Executive Director or his or her designee to prepare and file a Notice of Determination on behalf of the Energy Commission.

**FURTHER BE IT RESOLVED**, that the Energy Commission approves Agreement EPC-24-021 with Heirloom for a \$6,364,788 grant for the design and build-out of an electric calciner reactor and tower that will be integrated with an operational direct air capture facility, which will be capable of capturing between 500 and 1,000 tons of CO<sub>2</sub> annually; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

---

Kristine Banaag  
Secretariat

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

**2025 Integrated Energy Policy Report (IEPR)**  
**Form & Instructions – Gas Demand and Rate Forecasting**

**WHEREAS**, the California Energy Commission (Energy Commission) is directed to "conduct assessments and forecasts of all aspects of energy industry supply, production, transportation, delivery and distribution, demand, and prices" and to "use these assessments and forecasts to develop and evaluate energy policies and programs that conserve resources, protect the environment, ensure energy reliability, enhance the state's economy, and protect public health and safety" (Public Resources Code § 25301(a)); and

**WHEREAS**, the Integrated Energy Policy Report (IEPR) contains these assessments and associated policy recommendations and is adopted every two years; and

**WHEREAS**, the Energy Commission may require the submission of natural gas demand forecasts and retail price information from utilities and other market participants to perform assessments (Public Resources Code § 25303, § 25303.5, § 25305, and § 25210); and

**WHEREAS**, the Energy Commission adopted an order in March 2022 (Order No. 22-0309-7) instituting an informational proceeding to engage state agencies and stakeholders in planning for the transition away from fossil gas and addressing the challenges the state faces in decarbonizing the gas system which includes the improvement of gas demand forecasts; and

**WHEREAS**, Energy Commission staff has prepared and made public draft forms and instructions for submitting gas demand and rate forecasting information in February 2025, hosted a webinar to respond to questions on the forms, and requested written comments in response to the drafts, all reflected in the CEC Docket No. 25-IEPR-03; and

**WHEREAS**, the draft Forms and Instructions for Submitting Gas Demand And Rate Forecasting Information require the submission of information by each gas utility with annual natural gas deliveries of 200 million therms or more in California in both of the two previous calendar years;

**WHEREAS**, interstate pipeline companies that deliver gas to locations in California or to the California border and each gas utility with annual natural gas deliveries of 200

million therms or more in California in both of the two previous calendar years are required to submit a 10 year forecast of energy prices.

**THEREFORE BE IT RESOLVED**, the California Energy Commission hereby adopts the Forms and Instructions For Submitting Gas Demand And Rate Forecasting Information for the 2025 IEPR, along with any changes identified at its March 17, 2025, Business Meeting.

**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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

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

***IN THE MATTER OF:***

**Petition for Rulemaking on Television  
Data Reporting**

**ORDER DENYING PETITION FOR  
RULEMAKING**

**I. INTRODUCTION AND PROCEDURAL HISTORY**

The California Energy Commission (CEC) previously adopted minimum efficiency standards for televisions, based on a prior uniform method of test. The U.S. Department of Energy subsequently adopted a federal test standard for televisions, which impacted manufacturers' ability to certify to the CEC's database that their products comply with existing state efficiency requirements.

On September 22, 2023, California published a regulatory advisory acknowledging this limitation and indicating the intent to open a future rulemaking action to establish new efficiency standards for in-scope products that can be certified utilizing the new federal test procedure.

The CEC subsequently adopted a set of administrative changes to California Code of Regulations (CCR), title 20, on April 10, 2024, which included changes to data reporting requirements for televisions consistent with the new federal test method.

On February 26, 2025, the Consumer Technology Association (CTA or Petitioner) filed a petition requesting the CEC institute a formal rulemaking (Petition) to amend the data reporting requirements for televisions in its Modernized Appliance Efficiency Database System (MAEDbS) set forth in CCR, title 20, section 1606, Table X. Petition asserts that such a rulemaking is needed to align with the data required by the U.S. Federal Trade Commission's mandatory data reporting for the Energy Guide labeling program.

On March 10, 2025, the CEC's Executive Director certified that the petition met the filing requirements of CCR, title 20, section 1221. On March 17, 2025, CEC staff filed a recommendation that the CEC deny the Petition because all of the topics identified by the Petitioner are within the scope of the CEC's existing Order Instituting Rulemaking (OIR) proceeding on this topic, which was adopted by the CEC on August 14, 2024.

Through this existing proceeding, the CEC is continuously engaging with stakeholders to receive feedback on whether new or modified regulations, including efficiency standards, testing methods, and certification requirements, are needed in the CEC's Appliance Efficiency Regulations (CCR, title 20, sections 1601 - 1609) implementing Public Resources Code section 25402(c). The CEC considered the Petition at its March 17, 2025, Business Meeting.

## **II. CEC FINDINGS**

Based on the entirety of the record, the CEC finds that:

- 1) The Petition, filed with the Executive Director on February 26, 2025, meets the requirements of CCR, title 20, section 1221.
- 2) The Petition requests that the CEC initiate a formal rulemaking process to amend the data reporting requirements for televisions MAEDbS set forth in CCR, title 20, section 1606, Table X.
- 3) The CEC's Appliance Efficiency Regulations (CCR, title 20, sections 1601 - 1609) continue to benefit from an open and transparent public process with robust engagement from regulated entities. The request by Petitioner is within the scope of the CEC's existing Order Instituting Rulemaking for Televisions and Displays (Docket No. 24-AAER-01).
- 4) Government Code section 11340.7(c) requires that the CEC, within 30 days of the petition's filing, either deny the petition and indicate why the agency has reached its decision on the merits or grant the petition and schedule the matter for public hearing in accordance with the rulemaking provisions of the Administrative Procedure Act (Gov. Code section 11346 et seq.). California Code of Regulations, title 20, Section 1221(c) interprets this provision and requires either a written denial of a petition for rulemaking, or the issuance of an appropriate order pursuant to CCR, title 20, Section 1222 within 30 days of the filing of the petition.
- 5) Public Resources Code Sections 25213 and 25218(e) authorize the CEC to adopt rules and regulations, as necessary, to carry out its statutory duties. Public Resources Code section 25402 specifically authorizes the CEC to establish regulations that promote the use of energy- and water-efficient appliances. Amending the data reporting requirements for televisions in its Modernized Appliance Efficiency Database System (MAEDbS) set forth in California Code of Regulations, title 20, section 1606, Table X is within the CEC's rulemaking authority.
- 6) Amendments to the data reporting identified by the Petitioner are within the scope of the CEC's existing proceeding on this topic (Docket No. 24-AAER-01). Thus, an additional OIR as requested by the Petitioner is duplicative of existing actions at the CEC.

### III. CONCLUSION AND ORDER

- 1) For the reasons stated above, the CEC hereby DENIES CTA's Petition for Rulemaking.
- 2) CEC staff is directed to consider CTA's proposed reduction in data collection in the next rulemaking proceeding for which it is in scope, consistent with the goals of the petition process and our principles of transparency and service to the public trust.
- 3) The CEC delegates the authority and directs CEC staff to take, on behalf of the CEC, all actions reasonably necessary to carry out the above direction.
- 4) CEC staff is directed to file this Order and supporting documentation with the Office of Administrative Law in accordance with Government Code section 11340.7(d) and provide any additional information required to submit this decision pursuant to Government Code section 11340.7.
- 5) Any interested person may obtain a copy of the petition by accessing TN# 261999 in CEC Docket No. 23-OIR-01, or by contacting Peter Strait, Appliances Branch Manager at [Peter.Strait@energy.ca.gov](mailto:Peter.Strait@energy.ca.gov).

**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 a resolution duly and regularly adopted at a meeting of the CEC held on March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**IN THE MATTER OF:**

**Order Instituting an Informational  
Proceeding on Tribal Affairs and  
Tribal Energy Sovereignty**

**Docket No.: 25-OIIP-1**

**Order Instituting an Informational  
Proceeding on Tribal Affairs and  
Tribal Energy Sovereignty**

**I. INTRODUCTION AND BACKGROUND**

On September 19, 2011, Governor Edmund G. Brown issued Executive Order B-10-11, which “recognizes and reaffirms the inherent right” of California Native American tribes “to exercise sovereign authority over their members and territory” and states that, “the State and Tribes are better able to adopt and implement mutually-beneficial policies when they cooperate and engage in meaningful consultation.”<sup>1</sup> In response to B-10-11, the California Energy Commission (CEC) established its tribal program and consultation policy,<sup>2</sup> emphasizing tribal engagement and consultation early, often, and meaningfully.

In 2019, Governor Gavin Newsom reaffirmed executive order B-10-11 and, through executive order N-15-19, issued an apology to California Native American tribes (tribes) for the violence against tribes committed by the state and established the Truth and Healing Council.<sup>3</sup> In 2020, he issued a Statement of Administrative Policy establishing that the purpose of partnering with California tribes in regard to lands was “to support tribal self-determination and self-government” and “provide opportunities for... renewable energy[...].”<sup>4</sup>

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<sup>1</sup> California Executive Order No. B-10-11 (Sep. 19, 2011).

<sup>2</sup> California Energy Commission. 2024. *Tribal Consultation Policy*. February. CEC-700-2002-001-REV. <https://www.energy.ca.gov/sites/default/files/2022-02/CEC-700-2022-001.pdf>

<sup>3</sup> California Executive Order No. N-15-19 (June 18, 2019).

<sup>4</sup> California Office of the Governor. 2020. Statement of Administrative Policy: Native American Ancestral Lands. Sept 25.



On March 2, 2023, the CEC adopted Resolution No 23-0303-09 Committing to Support California Tribal Energy Sovereignty [OBJ].<sup>5</sup> This resolution synthesized over a decade's worth of California tribal affairs state policy successively acknowledging the inherent sovereignty of California Native American tribes.

In accordance with the above, the CEC has consulted on a variety of programs and policies, ranging from strategic plans, to siting projects, to funding programs and more. The CEC has embraced the values of early, often, and meaningful consultation with California Native American tribes, and implemented significant steps reflecting tribal priorities, most notably by investing over 100 million dollars into tribal clean energy projects.

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

Through this Order Instituting an Informational Proceeding (OIIP), the CEC establishes a proceeding to inform the CEC's tribal affairs work, including work supporting tribal energy sovereignty. This proceeding will solicit information from California Native American tribes and others throughout the state and will create a formal record, including a docket.

The OIIP will support gathering information, including for the following:

- Tribal consultation
- Tribal energy sovereignty
- Tribal cultural resource considerations regarding clean energy development
- Best practices for tribal energy grants, tribal energy equity indicators, and engaging with tribes on energy projects
- Tribal energy economy including tribal enterprise and workforce development.

This OIIP will inform CEC's tribal affairs program, including revisions to CEC's Tribal Consultation Policy, development of a CEC tribal energy sovereignty policy, best practices, and more.

Chair David Hochschild shall be the Lead Commissioner, and Commissioner Noemí Otilia Osuna Gallardo shall be the Associate Commissioner. Under their leadership, the scope of this proceeding can be further defined with information from the participating California Native American tribes.

## **III. ENGAGEMENT AND CONSULTATION FORUMS**

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<sup>5</sup> State Energy Resources Conservation and Development Commission. *Resolution Committing to Support California Tribal Energy Sovereignty*. Resolution No 23-0303-09

This proceeding will include statewide and regional engagement, including public meetings, roundtable discussions and other forums, and outreach, engagement, and consultation with California Native American tribes.

Participation forums will be designed to uplift participation and perspectives of California Native American tribes. Under the direction of Chair Hochschild, the CEC will notice all public events a minimum of 10 days before the event.

In addition to these public notices, the Office of the Public Advisor, Energy Equity and Tribal Affairs will invite California Native American tribes to participate in government-to-government consultation in accordance with the CEC Tribal Consultation Policy.<sup>6</sup>

There will be an opportunity for public comment in this proceeding through the established forums for verbal comments and through the OIIP docket for written comments.

#### **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. Information gathering under this OIIP will explicitly include engagement and consultation with California Native American tribes.

This OIIP will draw upon the following authorities:

1. 2023 CEC Resolution Committing to Support Tribal Energy Sovereignty, which states, "... the Commission hereby commits to support California Tribal energy sovereignty and commits to, among other things, works to accomplish... increase[d] tribal access to federal and state energy funding opportunities." The resolution also "... directs the Tribal Liaison and/or their designee to consult with California tribes to develop a Tribal Energy Sovereignty Policy, which shall develop and include policies related to Tribal energy sovereignty, Tribal lands, and Tribal consultations, and present it to the Commission for consideration and potential adoption."<sup>7</sup>
2. The 2024 California Energy Commission Tribal Consultation Policy which states, "It is the CEC's policy that its consultations with Tribes will occur early and often and be meaningful, respectful, and inclusive."<sup>6</sup>
3. Assembly Bill 923 (Ramos. 2022, ch. 475), Government-to-Government Consultation Act, which states, "This bill would encourage the state and its

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<sup>6</sup> California Energy Commission. 2024. *Tribal Consultation Policy*. February. CEC-700-2002-001-REV. <https://www.energy.ca.gov/sites/default/files/2022-02/CEC-700-2022-001.pdf>

<sup>7</sup> State Energy Resources Conservation and Development Commission. *Resolution Committing to Support California Tribal Energy Sovereignty*. Resolution No 23-0303-09.

agencies to consult on a government-to-government basis with federally recognized and, as specified, with nonfederally recognized tribes.”<sup>8</sup>

4. The 2024 California Natural Resources Agency Draft Tribal Consultation Policy, which states, “CNRA departments, commissions, boards, and conservancies may adopt additional tribal consultation policies building on this policy and to support their specific missions.”<sup>9</sup>
5. 2022 Integrated Energy Policy Report which called for, “revisiting the CEC’s Energy Equity Indicators to obtain input and conduct a literature review to determine the future of the tool” and noted that “Tribes and communities are best situated to determine their needs and wants.”<sup>10</sup>
6. The 2023 Justice Access Equity Diversity Inclusion (JAEDI) Framework which states “...engagement with Tribes should include seeking insight, guidance, direction, and feedback on policies, programs, operations, and projects before plans are moving forward. Meaningful engagement means ensuring decisions and actions are informed by, and when possible, led by Tribes.”<sup>11</sup>
7. The 2022 Report of the Blue Ribbon Commission on Lithium Extraction in California, Recommendation 15, which states, “Develop best practice guidance for CEQA lead agencies when initiating communications and consultation with Tribes (e.g., making multiple attempts through different methods, such as mail, email, telephone); providing reasonable time for Tribal governments to evaluate written materials; and recognizing the specific cultural, historical, public health, and ecological context of the Salton Sea region.”<sup>12</sup>
8. Senate Bill 605 (Padilla. 2023, ch. 405) regarding wave and tidal energy, which states: CEC “shall work with...California Native American tribes... to identify suitable sea space for offshore wave energy and tidal energy projects in state and federal waters.” While identifying suitable sea space, the commission “shall consider... [p]rotection of cultural and biological resources with the goal of prioritizing ocean areas that pose the least conflict to those resources.” Regarding mitigating environmental and ecosystem impacts, CEC in coordination

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<sup>8</sup> Assembly Bill 923 (Stats. 2022, ch. 475)

<sup>9</sup> California Natural Resources Agency. 2024. *Draft California Natural Resources Agency Tribal Consultation Policy Update*. <https://resources.ca.gov/-/media/CNRA-Website/Files/Initiatives/Tribal-Affairs/Tribal-Consultation-Policy.pdf>

<sup>10</sup> Bailey, Stephanie, Jane Berner, David Erne, Noemí Gallardo, Quentin Gee, Akruhi Gupta, Heidi Javanbakht, Hilary Poore, John Reid, and Kristen Widdifield. 2023. *Final 2022 Integrated Energy Policy Report*. California Energy Commission. Publication Number: CEC-100-2022-001-CMF.

<sup>11</sup> California Energy Commission. 2023 Justice, Access, Diversity, Inclusion Framework. [https://www.energy.ca.gov/sites/default/files/2023-11/CEC-JAEDI-Framework\\_ada.pdf](https://www.energy.ca.gov/sites/default/files/2023-11/CEC-JAEDI-Framework_ada.pdf)

<sup>12</sup> Paz, Silvia (Chair), Ryan E. Kelley (Vice Chair), Steve Castaneda, Rod Colwell, Roderic Dolega, Miranda Flores, James C. Hanks, Arthur Lopez, Luis Olmedo, Alice Reynolds, Frank Ruiz, Manfred Scott, Tom Soto, Jonathan Weisgall. 2022. *Report of the Blue Ribbon Commission on Lithium Extraction in California*. California Energy Commission. Publication Number: CEC-300-2022-009-F

and consultation with California Native American tribes, “shall identify measures that would avoid, minimize, and mitigate significant adverse environmental and ecosystem impacts and use conflicts, and for monitoring and adaptive management for offshore wave energy and tidal energy projects, consistent with California’s long-term goals relating to renewable energy, reduction of greenhouse gas emissions, and biodiversity.”<sup>13</sup>

9. Assembly Bill 3 (Zbur. 2023 ch. 314) regarding offshore wind energy, which states that CEC shall “[c]ollaborate with tribal governments to develop appropriate seaport siting criteria that minimize adverse impacts to natural and cultural resources and maximize economic and workforce benefits to the tribal governments.” and “[co]ordinate with tribal governments to develop recommendations for tribal workforce development opportunities.”<sup>14</sup>
10. 2015 Resolution Regarding Diversity Policy Statement which states, “...it is the policy of the California Energy Commission, consistent with State and Federal Law, to optimize fair and equal opportunities for... economically disadvantaged and underserved communities, to participate in and benefit from Commission programs.”<sup>15</sup>

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

The CEC therefore institutes an informational proceeding to accomplish the purposes specified above regarding tribal engagement and consultation, tribal clean energy development, and tribal energy sovereignty and to support formal engagement processes, including statewide and regional engagement and consultation.

The CEC designates Chair David Hochschild as Lead Commissioner and Commissioner Noemí Otilia Osuna Gallardo as Associate Commissioner for this informational proceeding and directs the Executive Director and CEC staff to open a docket for this proceeding and collect and evaluate the information needed under the guidance of the Lead and Associate Commissioners.

**IT IS SO ORDERED.**

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<sup>13</sup> Senate Bill 605 (Stats. 2023, ch. 405)

<sup>14</sup> Assembly Bill 3 (Stats. 2023, ch. 314)

<sup>15</sup> State Energy Resources Conservation and Development Department. Resolution Regarding Diversity Policy Statement. Resolution No: 15-0408-3

**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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

***IN THE MATTER OF:***

**Docket No.: 08-AFC-10C**

***Northern California Power Authority,  
LLC.  
Lodi Energy Center  
Post Certification Petition to Amend***

**ORDER ON PETITION TO AMEND**

**I. BACKGROUND**

On June 11, 2024, Northern California Power Agency, LLC (NCPA), the project owner of the Lodi Energy Center (LEC), filed a post certification petition ([TN 256804](#)) with the California Energy Commission (CEC) requesting to amend the LEC Final Commission Decision (Decision) to upgrade the gas turbine with new Siemens FX hot gas path components, including newly advanced design blades, seals, vanes, and vane carriers from Turbine Stages 1 through 4. The efficiency upgrade would improve the turbine's thermal energy conversion process allowing LEC to generate an additional 15 megawatts (MWs) during ambient conditions. On July 25, 2024, NCPA filed a supplemental Title V Minor Modification pursuant to San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 2520. SJVAPCD approved the proposed changes to LEC's Title V Permit and issued its Final Determination of Compliance on January 29, 2025.

To ensure LEC's existing CEC air quality conditions of certification (COCs) conform with the SJVAPCD amended operating permit under Title V of the Federal Clean Air Act, staff proposes to modify and add new Air Quality (AQ) COCs to the CEC's Decision.

The LEC is a 296 MW, natural gas-fired, thermal power plant operating in combined-cycle configuration. The project is located in Lodi, San Joaquin County. It was certified by the CEC on April 21, 2010, and began commercial operation on November 1, 2013.

Based on a review of the petition and the SJVAPCD amended operating permit, Staff proposes to modify the existing COCs and add the following new AQ COCs:

- Modification of the combustion turbine generator (CTG) equipment description to reflect the increase in maximum CTG power output;
- Modification of emission limits in existing COCs **AQ-25** (increase in hourly CTG particulate matter 10-micrometers or less in diameter (PM10) and ammonia (NH<sub>3</sub>) startup, shutdown, and combustor tuning emission limits), **AQ-29** (increase in hourly CTG nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), volatile organic compounds (VOC), and sulfur oxides (SO<sub>x</sub>) normal operation emission limits), **AQ-30** (increase in hourly CTG NH<sub>3</sub> startup, shutdown, and combustor tuning emission limits), **AQ-32** (increase in daily CTG PM10 and NH<sub>3</sub> startup, shutdown, and combustor tuning emission limits), **AQ-33** (increase in daily CTG NO<sub>x</sub>, CO, VOC, and SO<sub>x</sub> normal operation emission limits);
- Modification of existing COCs **AQ-46** and **AQ-47** to reflect the District requirement to source test the CTG within 60 days of initial startup after project implementation;
- Addition of new COCs: **AQ-104** (exhaust stack requirements), **AQ-105** (startup time duration limits), **AQ-106** (continuous temperature monitoring of oxidation catalyst requirement), **AQ-107** (oxidation catalyst allowable normal operation temperature range), **AQ-108** (oxidation catalyst temperature measurement during VOC source test), and **AQ-109** (reporting of any projected actual emission exceedances).

The modification to the CTG equipment would necessitate an increase to the hourly and daily emission limits and the project owner would be required to source test the CTG within 60 days of initial startup of the project. However, the proposed increase in hourly and daily emission limits are small and air quality modeling results show that the project is not expected to cause an exceedance of any air quality emission standards. Staff has determined that the minor increase in hourly and daily emission limits, proposed modifications to the AQ COCs, and addition of new AQ COCs would not result in significant impacts to the ambient air quality and the environment.

The proposed amendments to the Decision are necessary to ensure consistency with the project's Title V operating permit. The modifications and additions proposed by the CEC staff to the Air Quality COCs would allow the project to continue to operate in compliance with the Decision, the SJVAPCD permit requirements, and applicable laws, ordinances, regulations, and standards (LORS).

## II. STAFF RECOMMENDATION

Staff recommends the CEC approve the petition to amend including the new and modified COCs provided herein.

Staff has reviewed the petition for potential environmental effects and consistency with applicable LORS pursuant to California Code of Regulations, title 20, section 1769. Staff concludes that, with the addition of new or amended conditions of certification (**AQ-25**, **AQ-29**, **AQ-30**, **AQ-32**, **AQ-33**, **AQ-46**, **AQ-47**, **AQ-104**, **AQ-105**, **AQ-106**, **AQ-107**, **AQ-108** and **AQ-109**) the effect on the environment would be less than significant. Staff also

concludes that the project would continue to comply with all applicable LORS and that the findings specified in California Code of Regulations, title 20, section 1748(b), do not apply to the proposed changes. Staff also concludes the proposed new and modified AQ COCs do not meet any of the criteria requiring the preparation of subsequent or supplement review pursuant to Public Resources Code section 21166 or California Code of Regulations, title 14, sections 15162 and 15163. Finally, staff concludes that the new and modified COCs are consistent with the requirements contained in permits issued by the SJVAPCD. Staff's assessment of the petition was subject to a 30-day comment period and no substantive comments were received.

### **III. ENERGY COMMISSION FINDINGS**

Based on the record, including staff's analysis, the CEC concludes that the proposed new and modified COCs 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 new and modified COCs 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.
- Any environmental impacts will be less than significant with the addition of new or amended conditions of certification: **(AQ-25, AQ-29, AQ-30, AQ-32, AQ-33, AQ-46, AQ-47, AQ-104, AQ-105, AQ-106, AQ-107, AQ-108 and AQ-109)**.
- The proposed new or modified AQ COCs do not meet any of the criteria requiring the preparation of subsequent or supplement review pursuant to Public Resources Code section 21166 or California Code of Regulations, title 14, sections 15162 and 15163.
- 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 LEC subscription list.
- The staff assessment was posted to the docket on February 12, 2025, and was subject to a 30-day comment period.

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

Based on its independent review of staff's analysis ([TN 261730](#)), the CEC hereby adopts the CEC Findings set forth herein and approves the petition to amend and the new and modified conditions of certification to the Commission Final Decision proposed in the Staff Recommendations.



**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 a resolution duly and regularly adopted at a meeting of the CEC held on March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**Northern California Power Agency**

**WHEREAS**, the Lodi Energy Center (LEC, or facility) is a 296-megawatt, natural gas fired combined-cycle facility in Lodi, California certified by the State Energy Resources Conservation and Development Commission California (CEC) in April 2010, and it began commercial operation in November 2013;

**WHEREAS**, the CEC's certification of the facility was pursuant to the CEC's regulatory program certified (CRP) by the Secretary of the Natural Resources Agency under section Public Resources Code section 21080.5 and California Code of Regulations, title 14, section 15251(j);

**WHEREAS**, the CEC is considering proposed agreement DBA-24-005 with Northern California Power Agency (NCPA) for a \$7,043,128 grant under the Distributed Energy Backup Assets Program (DEBA) to fund the purchase, installation, and reported performance of upgrades to LEC to improve the efficiency and aerodynamic performance of the facility. The efficiency upgrades will increase the hot-weather power plant output rating by approximately 15 MW, and NCPA will make the incremental capacity available from the facility during extreme events on a day-ahead and real-time basis to the host California Balancing Authority for a term of five years from the commercial online date of the upgraded facility;

**WHEREAS**, on June 11, 2024, NCPA submitted to the CEC a petition to amend the CEC's April 2010 Final Decision to certify the LEC, in order to install and operate the facility consistent with the efficiency upgrades and other requirements of the proposed DEBA funding under GFO-23-401;

**WHEREAS**, on July 25, 2024, NCPA filed a supplemental Title V Minor Modification pursuant to San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 2520 in order to install and operate the facility consistent with the requirements of the proposed DEBA funding;

**WHEREAS**, SJVAPCD approved the proposed changes to LEC's Title V Permit and issued its Final Determination of Compliance on January 29, 2025;

**WHEREAS**, the CEC staff reviewed the petition to amend, together with the amended operating permit issued by the SJVAPCD, for potential environmental effects and consistency with applicable laws, ordinances, regulations, and standards pursuant to California Code of Regulations, title 20, section 1769; and concluded that with the

addition of new or amended conditions of certification (COCs), the effect on the environment would be less than significant;

**WHEREAS**, the CEC staff assessment of the petition to amend -- which included staff's environmental analysis prepared under the CEC's CRP and the specific new and amended COCs recommended for the facility -- was posted to the facility's Docket No. 08-AFC-10C on February 12, 2025, for a 30-day public comment period;

**WHEREAS**, based on the CEC staff assessment and public comments, on March 17, 2025, the CEC found that the proposed new and modified COCs for the facility will not result in any significant impacts to public health and safety, or to the environment. The CEC adopted further findings required under the CEC's CRP including:

- The petition to amend meets all the filing criteria of California Code of Regulations, title 20, section 1769(a), concerning post-certification project modifications.
- The new and modified COCs 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.
- Any environmental impacts will be less than significant with the addition of new or amended conditions of certification: (**AQ-25, AQ-29, AQ-30, AQ-32, AQ-33, AQ-46, AQ-47, AQ-104, AQ-105, AQ-106, AQ-107, AQ-108 and AQ-109**).
- The proposed new or modified AQ COCs do not meet any of the criteria requiring the preparation of subsequent or supplement review pursuant to Public Resources Code section 21166 or California Code of Regulations, title 14, sections 15162 and 15163;

**WHEREAS**, on March 17, 2025, the CEC also approved the petition to amend and the new and modified COCs;

**WHEREAS**, because the staff assessment prepared for the CEC's approval of the petition to amend was prepared under the CEC's certified regulatory program and fully considered the potential environmental impacts of the installation and operational requirements of DEBA award, the CEC review the record on the petition to amend and make similar findings for the approval of the DEBA award itself, as well as a determination that approving the DEBA award does not meet the criteria requiring the production of subsequent or supplemental review as specified in California Code of Regulations, title 14, section 15162(a);

**WHEREAS**, the CEC has reviewed and considered the staff assessment for the LEC petition to amend and the CEC's findings made thereupon; and

**WHEREAS**, prior to acting on the agreement DBA-24-005, the CEC desires to make certain findings pursuant to CEQA Guidelines Section 15162(a) regarding the proposed DEBA award.

**NOW, THEREFORE, BE IT RESOLVED**, that the CEC has considered the application of CEQA to the proposed DEBA award to NCPA and makes the following findings and determinations:

- The DEBA award will not have a significant effect on the environment.
- The DEBA award does not meet the criteria for requiring the production of subsequent or supplemental environmental review as specified in California code of Regulations, title 14, section 15162(a).
- Mitigation measures were not made a condition of the approval of the DEBA award.
- A mitigation reporting or monitoring program was not adopted for the DEBA award.
- A Statement of Overriding Considerations was not adopted for the DEBA award.
- These findings were made pursuant to the provisions of CEQA.

**FURTHER RESOLVED**, that the Energy Commission approves DBA-24-005; and

**FURTHER RESOLVED**, that this document authorizes the Executive Director or his or her designee to 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**RESOLUTION: Maas Energy Works 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-24-004 with Maas Energy Works LLC for a \$4,000,000 grant. This agreement will fund dissolved CO2 in irrigation water technology in Fresno County, which will capture CO2 and reuse it as a value-added product in irrigation water for pH control; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

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

**RESOLUTION: County of Ventura**

**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-24-042 with the County of Ventura for a \$2,999,458 grant. This agreement will fund electrified retrofit measures in approximately 100 residences in Ventura, San Luis Obispo, and Santa Barbara counties and assess the impacts of consolidated and separate retrofit measures on air quality, comfort, and other non-energy metrics to provide guidance on how non-energy benefits can be integrated into the decision making process for the replacement of gas-fueled equipment with electric; 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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

**STATE OF CALIFORNIA**

**STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION**

**RESOLUTION: California Clean Energy Fund DBA CALCEF Ventures**

**WHEREAS**, pursuant to Public Resources Code section 25710 et seq. the State Energy Resources Conservation and Development Commission ("CEC") is authorized to establish and administer the Electric Program Investment Charge ("EPIC") Program; and

**WHEREAS**, the CEC has recognized that California's electricity ratepayers benefit from energy research, development and demonstration ("RD&D") activities conducted by individuals, small businesses, academics and small non-profit institutions; and

**WHEREAS**, the CEC has created the California Sustainable Energy Entrepreneur Development ("CalSEED") Initiative within the EPIC Program to provide funding for the aforementioned public interest RD&D activities; and

**WHEREAS**, New Energy Nexus dba California Clean Energy Fund or CalCEF Ventures ("CalCEF") is the administrator of the CalSEED Initiative under CEC Agreement Number 300-15-007 and is responsible for soliciting grant applications, recommending grant awards to the CEC, and managing approved grant projects; and

**WHEREAS**, CalCEF, in compliance with its duties under Agreement Number 300-15-007, in 2024 held a competitive solicitation, and as a result has proposed to CEC small grant projects for funding; and

**WHEREAS**, CEC staff has reviewed the small grant projects CalCEF has proposed, and recommends the following 8 small grant projects for funding:

1. \$500,000 is being requested for the Passive Heat-Absorbing Shade Technology project with ThermoShade Solutions Inc., a project to install a high-tech passive cooling shade panel at two pilot sites that creates a shady space that feels up to 20°F cooler than under a basic awning; and
2. \$500,000 is being requested for the Metal-Organic Framework-Based Critical Metal Recovery System project with SunChem, Inc., a project to further develop a low-cost precision nano filtration device that could more cheaply recycle metals critical to clean energy applications, like copper and gold, from any complex water mixtures, but primarily those from e-waste; and
3. \$500,000 is being requested for the Advanced Potassium-Ion Battery Storage project with Project K Energy, Inc., a project to demonstrate potassium-ion

batteries in a single layer pouch cell form factor and optimize design of a multi-layer pouch cell form factor; and

4. \$500,000 is being requested for the Scalable Aerogel Insulation Manufacturing Process project with Westwood Aerogel Co., a project to design and build a first-generation manufacturing line using a novel manufacturing process to automate the process and increase the rate of manufacture for aerogel insulation material; and
5. \$500,000 is being requested for the Optimizing Subsea Energy Storage for Offshore Wind Integration project with RCAM Technologies, Inc. dba Sperra, a project to advance a subsea energy storage technology that utilizes water pressure differences and can be easily co-located with future OSW plants; and
6. \$500,000 is being requested for the Compressed CO2 Energy Storage System for Urban Grid Resilience and Renewables Adoption project with Activated Energy, LLC, a project to develop a prototype long duration energy storage system comprising high- and low-pressure CO2 storage tanks, compressors, scroll expanders and associated plumbing for gas transfer; and
7. \$500,000 is being requested for the Integrated Cathode Material Regeneration and Purification for Battery Reuse project with ExPost Technology, Inc., a project to set up an end-to-end direct recycling line to recycle and recover cathode active materials at the scale of 10Kg/batch; and
8. \$500,000 is being requested for the Advancing Circular Chemical Recycling for Battery Supply Chains with Scaled Electrolysis Systems project with Aepnus Technology Inc., a project to scale up an electrolyzer pilot system designed to recycle a common chemical waste from battery manufacturing back into valuable reagents, such as sulfuric acid and caustic soda by fourfold; and

**WHEREAS**, CEC staff has reviewed the projects and determined that each project is exempt from the California Environmental Quality Act, as described in CEC staff's "Project Summaries and California Environmental Quality Act (CEQA) Analysis For Proposed Prototype Small Grant Awards Under the California Sustainable Energy Entrepreneur Development (CalSEED) Initiative" Memorandum ("Memorandum"), a document that is included in the backup materials to this Business Meeting item.

**THEREFORE, BE IT RESOLVED**, that the CEC adopts CEC staff's CEQA findings contained in the Memorandum for the 8 small grant projects; and

**FURTHER BE IT RESOLVED**, that the CEC approves the 8 small grant projects for a total of \$4,000,000; and



**FURTHER BE IT RESOLVED**, that the CEC directs CalCEF to execute grant agreements with the approved awardees pursuant to the requirements of Agreement Number 300-15-007.

**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 March 17, 2025.

AYE: Hochschild, Gunda, McAllister, Gallardo, Skinner

NAY: NONE

ABSENT: NONE

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**RESOLUTION: Paséki Strategies Corporation**

**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 ARV-24-007 with Paséki Strategies Corporation (Paséki) for a \$1,492,144 grant. Paséki, a tribally owned enterprise of the Fernandeño Tataviam Band of Mission Indians, will install 8 Level 2 EV charger ports and 6 EV direct current fast charger ports at Red Earth Casino and 6 Level 2 EV charger ports at the Torres Martinez Tribal Administration Office in Thermal; 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 March 17, 2025.

AYE: Gunda, Gallardo, Skinner

NAY: NONE

ABSENT: Hochschild, McAllister

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat

STATE OF CALIFORNIA

STATE ENERGY RESOURCES  
CONSERVATION AND DEVELOPMENT COMMISSION

**RESOLUTION: Barona Group of Capitan Grande Band of Mission Indians of the  
Barona Reservation, California**

**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 ARV-24-008 with Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation, California (Barona Band of Mission Indians Reservation) for a \$3,000,000 grant. This agreement will install two EV direct current fast charger ports and 84 Level 2 EV charger ports for community use at key facilities on the Barona Band of Mission Indians Reservation; perform EV infrastructure development and fleet transition planning for the Barona Band of Mission Indians Reservation and up to 24 other tribes located in Southern California; and establish a workforce training program providing marketable job skills related to EV infrastructure installation; 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 March 17, 2025.

AYE: Gunda, Gallardo, Skinner

NAY: NONE

ABSENT: Hochschild, McAllister

ABSTAIN: NONE

Dated: March 18, 2025

**SIGNED BY:**

---

Kristine Banaag  
Secretariat

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

**RESOLUTION: Yurok Tribe**

**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 ARV-24-009 with Yurok Tribe for a \$1,008,112 grant. This agreement will expand EV capacity on the Yurok Reservation to support the Yurok Tribal Transit Services program by developing a tribal EV infrastructure blueprint that identifies feasible charging sites, installing four EV direct current fast charger ports and one Level 2 EV charger port at Tulley Creek, and increasing tribal workforce capacity to operate and maintain the charging infrastructure; 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 March 17, 2025.

AYE: Gunda, Gallardo, Skinner

NAY: NONE

ABSENT: Hochschild, McAllister

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

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Kristine Banaag  
Secretariat

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

**RESOLUTION: County of Los Angeles**

**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 ARV-24-010 with County of Los Angeles for a \$3,112,921 grant. This agreement will fund the installation of at least 220 Level 2 EV charging ports and at least 10 EV direct current fast charger charging ports across approximately 18 Los Angeles County locations. This project will support the County of Los Angeles' goal to expand their EV fleet by 2029; 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 March 17, 2025.

AYE: Gunda, Gallardo, Skinner

NAY: NONE

ABSENT: Hochschild, McAllister

ABSTAIN: NONE

Dated: March 18, 2025

***SIGNED BY:***

\_\_\_\_\_  
Kristine Banaag  
Secretariat