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<td>Liza Lopez</td>
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RESOLUTION NO: 22-0126-1a

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: ASPEN ENVIRONMENTAL GROUP

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 700-18-001 with the Aspen Environmental Group for a $350,000 augmentation and time extension to assist in evaluating applications for energy facilities and transmission corridor designations, monitoring compliance for permitted facilities, reviewing petitions to amend or modify permitted facilities, greenhouse gases and global climate change and natural gas pipeline safety assessments; and supporting other activities in the areas of environmental impact assessment, engineering, and related regulatory matters; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION: UNIVERSITY OF CALIFORNIA, BERKELEY, ENERGY INSTITUTE AT HAAS SCHOOL OF BUSINESS.

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 800-21-002 with the Energy Institute for a $15,000 contract to co-sponsor the 2022 POWER Conference on Energy Research and Policy scheduled in Berkeley on March 11, 2022. The 2022 POWER Conference will focus on electricity markets and policy; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-1c

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: ALLOTROPE PARTNERS 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 ZVI-21-013 with Allotrope Partners LLC for a $175,256 grant to assess and scope the potential to utilize zero-emission vehicles (ZEVs) in the logging and biomass transport industry, in particular the potential to convert logging trucks delivering logs to sawmills and chip trucks delivering wood chips to biomass power plants; 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 26, 2022.

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

[Signature]
Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-1d

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER OF:

2019 BUILDING ENERGY EFFICIENCY STANDARDS, CALIFORNIA CODE OF REGULATIONS, TITLE 24, PARTS 1 AND 6

Docket No. 13-ATTCP-01

RESOLUTION OF THE CALIFORNIA ENERGY COMMISSION
APPROVING THE CALIFORNIA STATE PIPE TRADES COUNCIL’S PROPOSED MECHANICAL ACCEPTANCE TEST TECHNICIAN CERTIFICATION PROVIDER AMENDMENT APPLICATION FOR THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS CONCERNING APPLICANT PREREQUISITES

WHEREAS, Section 10-103.2(f) of the Building Energy Efficiency Standards (codified in Title 24, Part 6, of the California Code of Regulations), permits acceptance test technician certification providers to submit an amendment to their approved application; and

WHEREAS, amendments submitted after approval of an application that contain any substantive changes are subject to the Application Review and Determination process specified in Section 10-103.2(e); and

WHEREAS, the California State Pipe Trades Council (CSPTC) submitted a proposed amendment to their approved application on September 15, 2021, which proposes to modify applicant training prerequisites; and

WHEREAS, the executive director posted a staff report on December 14, 2021, which evaluated the proposed application amendment, determined that the proposed changes to the acceptance test technician applicant prerequisites outlined in it satisfy the requirements in Section 10-103.2(c)3Biii of the 2019 Building Energy Efficiency Standards, and recommended approval of CSPTC’s proposed amendment; and

WHEREAS, the executive director posted a Notice of Availability concerning CSPTC’s amendment and CEC staff’s evaluation on December 14, 2021 to Docket #13-ATTCP-01, and provided notice to relevant stakeholders via applicable listservs, for a 15-day public comment period ending December 30, 2021; and
WHEREAS, the CEC has considered the executive director’s recommendation, all written comments submitted, oral comments made at today’s business meeting, and CEC staff’s responses to all comments on this matter.

THEREFORE BE IT RESOLVED, that the CEC finds that the acceptance test technician applicant prerequisites proposed by CSPTC meet the requirements in Section 10-103.2(c) of the 2019 Energy Code; and

FURTHER BE IT RESOLVED, that the CEC confirms the executive director’s determinations set forth in the December 14, 2021 staff report, adopts their recommendation, and approves CSPTC’s proposed acceptance test technician applicant prerequisites as described in their September 15, 2021 application; 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 Commission 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 26, 2022.

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

[Signature]
Liza Lopez
Secretariat
RESOLUTION OF THE CALIFORNIA ENERGY COMMISSION ADOPTING THE CALIFORNIA ENERGY DEMAND FORECAST UPDATE, 2021-2035

WHEREAS, Public Resources Code section 25301(a) requires the California Energy Commission (CEC) 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"; and

WHEREAS, the Integrated Energy Policy Report contains these assessments and associated policy recommendations and is adopted every two years, with an Integrated Energy Policy Report Update being adopted each interim year; and

WHEREAS, the CEC consulted with appropriate state and federal agencies in developing the Demand Forecast 2021 including, but not limited to, the Public Utilities Commission, the State Air Resources Board, and the Independent System Operator.

WHEREAS, the CEC held workshops on August 5, 2021, December 2, 2021, and December 16, 2021, and Demand Analysis Working Group Meetings were held on May 5, 2021, June 23, 2021, July 15, 2021, September 9, 2021, September 14, 2021, and September 30, 2021 to discuss the California Energy Demand Forecast Update, 2021-2035 (Demand Forecast 2021); and

WHEREAS, on January 14, 2022, staff docketed the Notice of Availability for the Demand Forecast 2021, which identifies the documents that make up the forecast update, including forecasts for electricity consumption, retail electricity sales, and peak and hourly demand for each of the major planning areas and for the state as a whole; and

WHEREAS, the Demand Forecast 2021 provides forecasts which reflect expected impacts from recent economic and demographic projections, projections of electric vehicle adoption, and projections of behind-the-meter photovoltaic and storage
system adoption and which are consistent with the latest historical data available for
consumption, peak demand, temperatures, and electricity rates; and

WHEREAS, the Demand Forecast 2021 includes three baseline scenarios
designed to capture a reasonable range of demand outcomes during the next 15 years; and

WHEREAS, the Demand Forecast 2021 will serve as a key input into a number of
planning and procurement efforts, including transmission and distribution system
planning, integrated resource planning, resource adequacy, and other studies and
proceedings; and

WHEREAS, consistent with an agreement among leadership at the CEC, the
Public Utilities Commission, and the California Independent System Operator, specific
variants of the adopted demand forecast to be used in individual applications are
described as the "single forecast set agreement" in the text of the 2021 Integrated
Energy Policy Report Update; and

WHEREAS, the CEC has considered all comments received on the Demand
Forecast 2021;

THEREFORE BE IT RESOLVED, the CEC hereby adopts the Demand Forecast
2021 along with any changes identified at its January 26, 2022 Business Meeting,
directs CEC staff to make the forecast available to the public and to incorporate the
results of the Demand Forecast 2021 into the 2021 Integrated Energy Policy Report
Update.

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 January 26, 2022.

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

__________________________
Liza Lopez
Secretariat
STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER OF:
PECHO LD ENERGY STORAGE LLC
APPLICATION FOR CERTIFICATION

ORDER FINDING THE APPLICATION
FOR CERTIFICATION INCOMPLETE AND
DIRECTING APPLICANT AND STAFF TO
FILE INFORMATION REGARDING
EXEMPTION FROM THE NOI PROCESS
AND APPOINTING A COMMITTEE

DOCKET 21-AFC-01

I. INTRODUCTION

On November 23, 2021, Pecho LD Energy Storage, LLC, (Applicant), a joint venture of Hydrostor, Inc. and Meridiam Infrastructure Partners, filed an Application for Certification (AFC) with the California Energy Commission (CEC) to construct and operate the Pecho Energy Storage Center (PESC) at 2284 Adobe Road in unincorporated San Luis Obispo County. PESC would be a nominal 400-megawatt (MW), 3,200 MW-hour advanced compressed air energy storage (A-CAES) facility capable of flexibly charging and discharging daily.

II. BACKGROUND

Public Resources Code section 25540.6 identifies which types of projects are exempted from the otherwise required Notice of Intention process (NOI) specified in Public Resources Code section 25502 and, thus, may proceed directly to the AFC process, as provided for in Public Resources Code section 25519. Absent this exemption, a project owner proposing a thermal power plant in California would need to first file an NOI and receive approval through that process before filing an AFC.

If it is determined that an AFC is appropriate, Public Resources Code section 25522 as implemented by California Code of Regulations, title 20, sections 1704 and 1709, sets forth the process for the CEC to determine the completeness of an AFC prior to accepting it as complete and starting the 12-month clock to reach a decision on the AFC, as required under Public Resources Code section 25540.6.

Upon the filing of an NOI or AFC, the executive director determines whether it contains the information required under California Code of Regulations, title 20, section 1704, and, therefore, is complete. If an NOI is proper, California Code of Regulations title 20, Appendix A (Appendix A) provides the information necessary for a complete NOI. If an
AFC is proper, California Code of Regulations title 20, Appendix B (Appendix B) provides the information necessary for a complete AFC. The executive director then files a recommendation to the CEC on whether the PESC filing is complete or needs to be supplemented to conform to the information requirements set forth in California Code of Regulations, title 20, section 1704. The CEC then acts upon the executive director's recommendation.

III. EXECUTIVE DIRECTOR’S RECOMMENDATION

On December 22, 2021, the executive director filed a data adequacy recommendation with the CEC finding that 12 of the 23 technical disciplines required for a complete AFC were deficient based on an analysis under Appendix B. The deficient areas include: Air Quality, Biological Resources, Cultural Resources, Efficiency, Geological Hazards, Land Use, Project Overview, Reliability, Socioeconomics, Transmission System Design, Visual Resources, and Water Resources.

The executive director recommends the CEC adopt the list of deficiencies identified in the recommendation, and not accept the PESC filing as complete until the additional information specified in the data adequacy worksheets attached to the recommendation is provided. The executive director’s recommendation also indicates that staff will be investigating whether the application qualifies for an exemption from the NOI process, while treating it as an AFC.

IV. FINDINGS

Under Public Resources Code section 25522 and California Code of Regulations, title 20, sections 1704 and 1709, the CEC concurs with the executive director’s recommendation and finds that filing is deficient in the information required for an AFC under Appendix B, as identified in the executive director’s recommendation dated December 22, 2021.

Staff states it will be investigating whether the PESC filing qualifies for an exemption from the NOI process, while treating it as an AFC. To address this threshold question of whether the filing qualifies for an exemption from the NOI process, the CEC hereby directs the applicant to file into the proceeding’s docket, information supporting an exemption from the NOI process by February 9, 2022, and directs staff to file a response to the applicant’s information in the form of an executive director’s recommendation no later than February 23, 2022.

The CEC hereby also establishes the Pecho Energy Storage Center Committee to preside over the PESC filing and any other proceedings arising from it, pursuant to Public Resources Code section 25211 and California Code of Regulations, title 20, sections 1204 and 1205. The committee shall have the authority and duties necessary to conduct these proceedings as set forth in CEC regulations, including the authority of a presiding member to manage the proceedings in accordance with California Code of Regulations, title 20, section 1203. The scope of the committee shall include managing the conduct of all aspects of the proceedings required for thermal powerplants, including
but not limited to the qualification of the PESC filing for an exemption from the NOI process, the data adequacy of the filing, and the NOI or AFC proceeding itself, as appropriate, and making recommendations to the CEC on final action(s) in these proceedings, including on findings of an exemption from the NOI process, data adequacy of the filing, and whether to approve or deny the NOI or AFC. Unless otherwise ordered by the CEC, this committee shall dissolve 35 days after a final action in the proceedings arising from the PESC filing.

After review of the executive director's recommendation regarding exemption from the NOI process, and prior to any action on the matter by the Commission, if deemed necessary by the presiding member, the committee may hold a hearing on the matter or issue its own recommendation.

The Committee members are as follows:

Presiding: Commissioner Karen Douglas
Associate: Commissioner Andrew McAllister

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 26, 2022.

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

Liza Lopez
Secretariat
STATE OF CALIFORNIA
STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER OF:
GEM A-CAES LLC
APPLICATION FOR CERTIFICATION

ORDER FINDING THE APPLICATION
FOR CERTIFICATION INCOMPLETE,
AND DIRECTING APPLICANT AND
STAFF TO FILE INFORMATION
REGARDING EXEMPTION FROM THE
NOI PROCESS AND APPOINTING A
COMMITTEE

DOCKET 21-AFC-02

I. INTRODUCTION

On December 1, 2021, GEM A-CAES LLC filed an Application for Certification (AFC) with the California Energy Commission (CEC) to construct and operate the Gem Energy Storage Center (Gem), which will be constructed and operated by Hydrostor, Inc., or its designated wholly owned subsidiaries, in unincorporated Kern County approximately one mile northeast of the community of Willow Springs and seven miles west of Rosamond. The site is bounded on the north by Sweetser Road and on the west by Tehachapi Willow Springs Road (90th Street West) with a physical address of 8684 Sweetser Road, Rosamond, California. Gem would be a nominal 500-megawatt (MW), 4,000 megawatt-hour (MWh) advanced compressed air energy storage (A-CAES) facility capable of flexibly charging and discharging daily.

II. BACKGROUND

Public Resources Code section 25540.6 identifies which types of projects are exempted from the otherwise required Notice of Intention process (NOI) specified in Public Resources Code section 25502 and, thus, may proceed directly to the AFC process, as provided for in Public Resources Code section 25519. Absent this exemption, a project owner proposing a thermal power plant in California would need to first file an NOI and receive approval through that process before filing an AFC.

If it is determined that an AFC is appropriate, Public Resources Code section 25522 as implemented by California Code of Regulations, title 20, sections 1704 and 1709, sets forth the process for the CEC to determine the completeness of an AFC prior to accepting it as complete and starting the 12-month clock to reach a decision on the AFC, as required under Public Resources Code section 25540.6.
Upon the filing of an NOI or AFC, the executive director determines whether it contains the information required under California Code of Regulations, title 20, section 1704, and, therefore, is complete. If an NOI is proper, California Code of Regulations, title 20, Appendix A (Appendix A) provides the information necessary for a complete NOI. If an AFC is proper, California Code of Regulations title 20, Appendix B (Appendix B) provides the information necessary for a complete AFC. The executive director then files a recommendation to the CEC on whether the Gem filing is complete or needs to be supplemented to conform to the information requirements set forth in California Code of Regulations, title 20, section 1704. The CEC then acts upon the executive director’s recommendation.

III. EXECUTIVE DIRECTOR’S RECOMMENDATION

On December 30, 2021, the executive director filed a data adequacy recommendation with the CEC finding that 12 of the 23 technical disciplines required for a complete AFC were deficient based on an analysis under Appendix B. The deficient areas include: Air Quality, Biological Resources, Cultural Resources, Efficiency, Geological Hazards, Land Use, Project Overview, Reliability, Socioeconomics, Transmission System Design, Visual Resources, and Water Resources.

The executive director recommends the CEC adopt the list of deficiencies identified in the recommendation, and not accept the Gem filing as complete until the additional information specified in the data adequacy worksheets attached to the recommendation is provided. The executive director’s recommendation also indicates that staff will be investigating whether the application qualifies for an exemption from the NOI process, while treating it as an AFC.

IV. FINDINGS

Under Public Resources Code section 25522 and California Code of Regulations, title 20, sections 1704 and 1709, the CEC concurs with the executive director’s recommendation and finds that the Gem filing is deficient in the information required for an AFC under Appendix B, as identified in the executive director’s recommendation dated December 30, 2021.

Staff states it will be investigating whether the Gem filing qualifies for an exemption from the NOI process, while treating it as an AFC. To address this threshold question of whether the filing qualifies for an exemption from the NOI process, the CEC hereby directs the applicant to file into the proceeding’s docket, information supporting an exemption from the NOI process by February 9, 2022, and directs staff to file a response to the applicant’s information in the form of an executive director’s recommendation no later than February 23, 2022.

The CEC hereby also establishes the Gem Energy Storage Center Committee to preside over the GEM filing and any other proceedings arising from it, pursuant to Public Resources Code section 25211 and California Code of Regulations, title 20, sections 1204 and 1205. The committee shall have the authority and duties necessary
to conduct these proceedings as set forth in CEC regulations, including the authority of a presiding member to manage the proceedings in accordance with California Code of Regulations, title 20, section 1203. The scope of the committee shall include managing the conduct of all aspects of the proceedings required for thermal powerplants, including but not limited to the qualification of the Gem filing for an exemption from the NOI process, the data adequacy of the filing, and the NOI or AFC proceeding itself, as appropriate, and making recommendations to the CEC on final action(s) in these proceedings, including on findings of an exemption from the NOI process, data adequacy of the filing, and whether to approve or deny the NOI or AFC. Unless otherwise ordered by the CEC, this committee shall dissolve 35 days after a final action in the proceedings arising from the Gem filing.

After review of the executive director’s recommendation regarding exemption from the NOI process, and prior to any action on the matter by the CEC, if deemed necessary by the presiding member, the committee may hold a hearing on the matter or issue its own recommendation.

The Committee members are as follows:

Presiding: Commissioner Karen Douglas
Associate: Commissioner Andrew McAllister

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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-7a

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: SAN FRANCISCO DEPARTMENT OF THE ENVIRONMENT

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-21-045 with the San Francisco Department of the Environment for a $2,384,797 grant to implement three strategies from their EV Ready Community Blueprint. Under this agreement, the recipient will increase public awareness of EVs, expand charging infrastructure, and accelerate mode shift by getting delivery-app workers out of cars and onto e-bikes to make deliveries; 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 26, 2022.

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

Liza Lopez
Secretariat
STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: COUNTY OF LOS ANGELES INTERNAL SERVICE DEPARTMENT

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-21-047 with the County of Los Angeles Internal Service Department for a $2,500,000 grant to implement a blueprint. This project will deploy light-duty EV infrastructure, including a disadvantaged community EV infrastructure project, a broader EV infrastructure planning streamlining pilot, and direct multifamily housing EV charging installation incentives; 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 26, 2022.

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

[Signature]
Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-7c

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: KERN COUNCIL OF GOVERNMENTS (KERN COG)

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 ARV-20-010 with the Kern COG to increase the funding to the full amount Kern COG proposed under GFO-19-603 EV Ready Communities Phase II. This amendment increases the number of charger installations and includes EV transport services that will benefit disadvantaged and low-income communities; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-8

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: SANTA CLARA VALLEY TRANSPORTATION AUTHORITY

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 ZVI-21-012 with the Santa Clara Valley Transportation Authority for a $4,676,000 grant to demonstrate the viability and replicability of utilizing distributed energy microgrids to charge electric transit bus fleets; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-9a

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: SWIFT SOLAR 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 EPC-21-012 with Swift Solar Inc. for a $2,995,200 grant to develop perovskite-silicon tandem photovoltaic (PV) technology; integrate the technology into an onboard EV charging application; and test the system for efficiency, shade tolerance, durability, ease of integration, and aesthetics; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-9b

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: INTERTIE INCORPORATED

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-21-014 with Intertie Incorporated for a $2,000,000 grant to design, develop and build an advanced power electronics module (PEM) that enables a commercially available fast charger to supply high power to EVs to allow ultra-fast charging to be deployed quickly at almost any location. The project team shall directly connect a fast charger to energy storage and solar resources using the PEM to validate the improved energy efficiencies and reduced operating costs realized from the direct current-coupling technology; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-9d

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: ICARUS RT, 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 EPC-21-016 with Icarus RT, Inc. for a $1,087,588 grant to conduct the first commercial demonstration of the company’s 280-kW Quartet hybrid PV/thermal solar plus storage cogeneration system at the project site. The Quartet system extracts waste heat from PV panels using Icarus’ proprietary heat extractors to improve PV performance while also converting the heat energy into hot water on-demand. The results of the proposed project will demonstrate several aspects of commercial readiness as well as produce real-world data on panel cooling, performance improvements, energy storage, and cost savings; 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 26, 2022.

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

Liza Lopez
Secretariat
RESOLUTION NO: 22-0126-9e

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: CARNOT COMPRESSION 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 EPC-21-017 with Carnot Compression Inc. for a $2,028,350 grant to advance an innovative air compression technology for industrial applications through applied research and development. The isothermal compression technology has the potential to be at least 20 percent more energy efficient than comparable incumbent air compressors currently on the market. The advanced technology will optimize the air-end components, and through field demonstrations, apply the improved components in relevant customer environments; 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 26, 2022.

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

[Signature]
Liza Lopez
Secretariat