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STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CLEAN ENERGY STATES ALLIANCE, INC. (CESA)

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

RESOLVED, that the CEC approves Agreement 500-20-002 with CESA for a \$100,000 contract to renew the CEC's annual CESA Core Membership for two years. This membership provides the CEC a seat on the CESA Board of Directors, representing the interests of California and the CEC and highlighting key CEC programs. CESA is a national, nonprofit coalition of state, municipal, and regional clean energy agencies and organizations working together to advance clean energy markets, and the development of clean energy technology; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her 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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: TRB AND ASSOCIATES, 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 800-20-004 with TRB and Associates, Inc. for a \$0 contract to provide Delegate Chief Building Official (DCBO) services forthe SEGS VIII and IX (88-AFC-01 and 89- AFC-01) regarding the construction of a Battery Energy Storage System (BESS). TRB and Associates, Inc. will carry out BESS construction plan review and the inspection of the construction activities to ensure compliance with reasonable construction practices and safety requirements on behalf of the CEC. TRB and Associates, Inc. will be compensated by Terra-Gen, the project owner of the SEGS VIII and IX; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

<u>CERTIFICATION</u>

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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

Docket No. 20-IEPR-01

THE 2020 INTEGRATED ENERGY POLICY REPORT UPDATE (2020 IEPR)

Adoption of the 2020 Integrated Energy Policy Report Update

WHEREAS, the Warren-Alquist Act requires the California Energy Commission in odd-numbered years 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, subd. (a)); and to update these assessments and forecasts in even-numbered years (Public Resources Code § 25302, subd. (c)); and

WHEREAS, on February 24, 2020, the Lead Commissioner issued a Scoping Order for the 2020 Integrated Energy Policy Report Update stating that the 2020 Integrated Energy Policy Report Update would consist of three volumes consisting of (1) a report on transportation trends, challenges, and opportunities; (2) an update to the demand forecast; and (3) an assessment of microgrids; and

WHEREAS, 12 public workshops were held between May 2020 and December 2020 to solicit input from stakeholders on these topics, including one two-day workshop on microgrids; and

WHEREAS, on March 8, 2021, the Lead Commissioner published the draft 2020 IEPR Update, Volume II: The Role of Microgrids in California's Clean and Resilient Energy Future, Lessons Learned from the CEC's Research for public review and comment, and, after considering all comments received, published the proposed final version on March 29, 2021, along with a Notice of Intent to Adopt at this regularly scheduled business meeting; and

WHEREAS, the draft 2020 IEPR Update, Volume I on transportation and Volume III on the demand forecast were adopted at the March 17, 2021, Business Meeting; and

WHEREAS, the Energy Commission has considered the application of the California Environmental Quality Act (CEQA) to the adoption of the 2020 Integrated Energy Policy Report Update, Volume II, and concluded that the adoption of these reports is not a "project" under CEQA, but in the event that adoption was determined to be a project, that it would nonetheless be exempt from CEQA requirements pursuant to the "common sense" exemption (CEQA Guidelines, § 15061, subd. (b)(3)).

THEREFORE BE IT RESOLVED, the Energy Commission hereby accepts, approves, and adopts the Final 2020 Integrated Energy Policy Report Update, Volume II: The Role of Microgrids in California's Clean and Resilient Energy Future, Lessons Learned from the CEC's Research incorporating any changes presented and adopted today along with any non-substantive changes such as typographical corrections, and directs Energy Commission staff to make the document accessible to state, local, and federal entities, the public, and the Legislature.

CERTIFICATION

The undersigned Secretariat to the Energy 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 Energy Commission held on April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

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ORDER NO: 21-0414-03

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER

Docket No. 01-AFC-17C

INLAND EMPIRE ENERGY CENTER

ORDER APPROVING REQUEST TO TERMINATE LICENSE

On June 20, 2019, Inland Empire Energy Center, LLC filed a Decommissioning and Demolition Plan with the California Energy Commission (CEC) and request to terminate the CEC's certification for the Inland Empire Energy Center.

BACKGROUND

Prior to demolition, the Inland Empire Energy Center (IEEC) was an 800-megawatt base-load gas-fired power plant located in the City of Menifee, in southern Riverside County. The facility was certified by the CEC on December 17, 2003. On June 20, 2019, IEEC submitted a Decommissioning and Demolition Plan (Closure Plan) to the CEC. CEC staff reviewed the Closure Plan and provided feedback to the facility owner that resulted in the filing of the Revised Closure Plan. At the December 11, 2019, Business Meeting, the CEC adopted an Order, approving the Revised Closure Plan. On February 24, 2020, staff approved a notice to proceed with closure plan activities. On March 29, 2021, a certificate of completion was submitted to staff by the Delegate Chief Building Official.

STAFF RECOMMENDATION

IEEC has completed the requirements of the Revised Closure Plan and is now requesting termination of the license. CEC technical staff reviewed the request to terminate and determined all requirements of the Revised Closure Plan have been met, and that no significant environmental impacts nor violation of applicable LORS occurred during closure of the facility, and therefore recommends the IEEC license be terminated.

ENERGY COMMISSION FINDINGS

Based on the entire record, the CEC concludes that the CEC's jurisdiction over the IEEC facility be terminated. The CEC finds that:

- The facility is no longer an operating power plant.
- All requirements of the approved Revised Closure Plan have been completed; and,
- The Request to Terminate proposes no direct or indirect physical changes to the IEEC facility or the environment and therefore would not be a project under the California Environmental Quality Act Guidelines (Cal. Code Regs.,tit. 14, § 15378).

CONCLUSION AND ORDER

The CEC hereby adopts staff's recommendations and orders that the license granted to IEEC by the CEC is now terminated.

IT IS SO ORDERED.

CERTIFICATION

The undersigned Secretariat to the Commission 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 California Energy Commission held on April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

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ORDER NO: 21-0414-04

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

HUNTINGTON BEACH ENERGY PROJECT

AES HUNTINGTON BEACH ENERGY, LLC

Docket No. 12-AFC-2C

ORDER APPROVING APETITION TO MODIFY VISUAL SCREENING SYSTEM

On November 6, 2020, AES Huntington Beach Energy, LLC, filed a petition to amend with the California Energy Commission (CEC) requesting to modify Condition of Certification **VIS-1** of the Huntington Beach Energy Project (HBEP) to replace the approved architectural screening structure ("spherical ball wall") with a mural-based design treatment for screening and enhancing views of the project site.

The HBEP is a nominal 844-megawatt (MW), natural gas-fired, combined-cycled, and simple cycle gas turbine electric generating facility that was certified by the CEC on May 31, 2017. The 644 MW combined cycle gas turbine generator began operation on June 25, 2020. The facility is located at 21730 Newland Street, Huntington Beach.

STAFF RECOMMENDATION

CEC staff has reviewed the petition pursuant to Title 20, California Code of Regulations, section 1769 (Post Certification Amendments and Changes) and concluded that the modifications to Condition of Certification VIS-1 proposed by the applicant would not result in a significant impact to the environment, or cause the project to not comply with applicable laws, ordinances, regulations, and standards (LORS). Based on those conclusions, staff recommends approval of the petition by the CEC pursuant to Section 1749(a)(4).

ENERGY COMMISSION FINDINGS

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

- The proposed modification(s) would not change the findings in the final Commission Decision pursuant to Title 20, California Code of Regulations, section 1748;
- There would be no new or additional unmitigated, significant environmental impacts associated with the proposed modification; and
- The facility would remain in compliance with all LORS.

CONCLUSION AND ORDER

The CEC hereby adopts staff's recommendations and approves the following changes to the May 2017 Commission's Revised Final Decision for the Huntington Beach Energy Project Amendment. New language is shown as **bold and underlined**, and deleted language is shown in **strikethrough**.

VIS-1 VISUAL SCREENING AND ENHANCEMENT PLAN FOR PROJECT STRUCTURES – PROJECT OPERATION

Prior to the start of construction, the project owner shall prepare and submit a Preliminary Visual Screening and Enhancement Plan for Project Structures (Preliminary Plan) that includes methods and materials to visually screen and treat surfaces of publicly visible power plant structures.

On November 2, 2020, the City of Huntington Beach adopted Resolution 2020-81 supporting a mural-based architectural treatment for the HBEP. The project owner shall implement a mural-based architectural treatment for the HBEP, consistent with the City of Huntington Beach's adopted Resolution 2020-81. The project owner shall prepare and submit a Final Design Plan depicting architectural treatments to be applied to publicly visible power plant structures of the combined-cycle gas turbine (CCGT) generators.

The Preliminary Final Design Plan shall include:

- Revised general arrangement/site plan to scale showing locations of and corridor spaces for the architectural screens/sphere walls.
- Information on how the architectural screens will comply with City
 Specification No. 401 and achieve consistency with the City's adopted

 Resolution No. 2016-27.
- Identity of the design firm that will plan and implement the architectural screening plan.
- Information on how surfaces of the 50-foot-tall acoustical wall, air cooled condenser, and exhaust stacks will be treated to coordinate visually with the architectural screens.

- Visual simulations using key observation points (KOPs) 1, 4, and 5 to accurately represent views of the architectural screens depicted on the site plan.
- Descriptions of the surface treatment method and materials.
- <u>Description of the construction method and materials for the 10-foot-tall visual screen.</u>
- Inventory of project structures and facilities that will be part of the mural design, including the sound wall and the 10-foot-tall visual screen: and specifications for height, length, and width or diameter for each structure or facility.
- Accurately scaled site plan with project structures and other design elements clearly labeled.
- Final renderings of the mural-based architectural treatments from key observation points (KOPs) 1 and 4. Prepare 11-inch by 17-inch photographic simulations that accurately represent views of the surface treatments and the 10-foot-tall visual screen from KOPs 1 and 4.
- Description of the project owner's commitment to prepare and submit a supplement to the Final Design Plan to add an architectural treatment to the publicly visible structures of the simple-cycle gas turbine (SCGT) generators or any other new power plant structures on the site.

Prior to the start of commissioning the combined-cycle gas turbine (CCGT) units, the project owner shall prepare and submit a Detailed Visual Screening and Enhancement Plan (Detailed Plan) that includes evidence of review by a California-licensed structural or civil engineer and an assessment of the feasibility and structural integrity of the architectural and decorative screening elements contained in the Detailed Plan. The California-licensed engineer shall review and sign the Detailed Plan. Any design changes recommended by the California-licensed engineer to ensure the structural soundness and safety of the project and the architectural design elements shall be incorporated in the Detailed Plan before its submittal to the compliance project manager (CPM).

The project owner shall not submit the Final Design Plan to the CPM for approval. instructions for architectural screens and other structures and colors and finishes to manufacturers or vendors of project structures, or perform final field treatment on any structures, The project owner shall not authorize the start of the artist's work on the mural-based architectural

<u>treatments</u> until written approval of the <u>final Design Detailed Plan</u> is received from the CPM. Modifications to the <u>final Design Detailed Plan</u> shall not occur without the CPM's approval.

The Detailed Plan shall be consistent with Resolution No. 2016-27 adopted by the City of Huntington Beach City Council recommending visual enhancements for the site. Surface treatments for publicly visible power plant structures shall be included in the Detailed Plan. Proposed surface treatments shall minimize the potential visual effects of glare from project surfaces. Methods to visually screen and enhance the project site shall visually unify the project to the extent practicable while maintaining compliance with the City's adopted resolution.

The transmission structures for the on-site 230-kV transmission line shall have a surface treatment that enables them to blend with the environment to the greatest extent feasible, and the finish shall appear as a matte patina. Unpainted exposed lagging and surfaces of steel structures that are visible to the public shall be embossed or otherwise treated to reduce glare.

The Detailed Plan shall meet the following minimum content requirements:

- Inventory of major project structures, sound/acoustical walls, and buildings specifying the architectural and decorative screening structures and materials to visually screen and enhance those structures. The inventory shall specify height, length, and width or diameter for each major structure, and an accurately scaled site plans and elevation views shall be included in the Plan with architectural and project structures clearly identified.
- Color brochures, color chips, and/or physical samples for each proposed color and finish that will be applied to architectural screening structures and directly to power plant structures (e.g., paint scheme and finish types for the air cooled condenser, the exhaust stacks, and the sound wall). Proposed colors must be identified by vendor, name, and number, or according to a universal designation system. Electronic files showing proposed colors may not be submitted in place of original samples.
- Physical sample of the plastic material that will be used to fabricate the spheres for the City's recommended sphere walls.
- Electronic files and a set of print copies of 11-inch by 17-inch (or larger, if necessary) color visual simulations at life-size scale showing the architectural screening structures and surface treatments proposed for the project. KOP 1, KOP 4, and KOP 5 shall be used to prepare images showing the completed Detailed Plan for Project Structures.

- Schedule for completing construction of architectural and decorative screening structures and the surface treatments for publicly visible power plant structures during the construction timeline.
- Procedure and maintenance schedule to ensure that surface treatments and architectural structures are well maintained and consistent with the approved Detailed Plan for the life of the project.

Verification: At least 60 calendar days prior to the start of construction implementation of the mural-based architectural treatments for the combined-cycle gas turbine (CCGT) generators, the project owner shall submit a Preliminary Visual Screening and Enhancement Final Design Plan for Project Structures (Preliminary Plan) to the CPM for review and approval. The project owner shall, simultaneously with the submission to the CPM, submit seven copies of the Preliminary Final Design Plan to the City of Huntington Beach Planning and Building Department for review and comment. A different time frame for submitting the Preliminary Final Design Plan is allowed by agreement between the project owner and the CPM.

If the CPM determines that the Preliminary Plan requires revisions, the project owner shall provide an updated version with the specified revision(s) for review and approval by the CPM. Copies of the revised Preliminary Plan (if it is required) shall be provided to the City for review and comment. City staff requires seven copies of the revised Plan or Supplement.

The project owner shall provide the CPM with copies of the transmittal letters submitted to the City requesting timely reviews of the Preliminary Plan and any revisions. The City shall be allowed 30 calendar days following receipt of the stated plans <u>Final Design</u> Plan to provide comments to the project owner and to the CPM. In the absence of comments within that timeframe, or a request from the City for an extension of time, the CPM may deem the <u>Preliminary Final Design</u> Plan and any revisions acceptable to the City.

At least 60 calendar days before the start of commissioning the CCGT units prior to the start of installation of the mural-based architectural treatment, the project owner shall provide the CPM with the detailed schedule proposed by the artist commissioned to paint the mural-based architectural treatment, prepare and submit the Detailed Plan to the CPM for review and approval. The review, comment, and approval process for the Detailed Plan shall be exactly the same as described above for the Preliminary Plan The project owner shall provide the CPM with a monthly compliance report documenting the artist's progress on the mural-based architectural treatment.

The Plan elements pertaining to screening and enhancement of the CCGT units, including the easternmost and middle screens, shall be implemented within 12 months of completing demolition of the HBGS Units 1 and 2. The Plan elements pertaining to

screening and enhancement of the simple-cycle gas turbine (SCGT) units shall be implemented within 12 months of beginning commercial operation of the SCGT units.

The project owner shall verify in writing when the Detailed Plan elements pertaining to mural-based architectural treatment for the CCGT units are implemented and the facility is ready for inspection generators is completed. The project owner shall provide 11-inch by 17-inch photographic images showing the completed murals from KOPs 1 and 4. The project owner shall obtain separate written confirmations from the CPM that the project complies with the Detailed Visual Screening and Enhancement Plan for Project Structures following completion of Plan elements for the CCGT units and later for the SCGT units Final Design Plan.

At least 60 calendar days prior to the start of construction of the simple-cycle gas turbine (SCGT) generators, the project owner shall prepare and submit a supplement to the Final Design Plan depicting surface or architectural treatments to ensure visual screening of publicly visible power facility structures or foundations. The review, comment, and approval process for the supplemental plan shall be the same as described above for the Final Design Plan.

The After completion of the mural-based architectural treatment for the CCGT generators the project owner shall provide a status report regarding maintenance of the mural-based architectural screens and surface treatments in the Annual Compliance Report for the project.

At a minimum, the report shall include:

- Descriptions of the condition of the <u>mural-based</u> architectural screening structures and treated surfaces of publicly visible structures at the power plant site <u>treatments</u>.
- Descriptions of major maintenance and painting work required to maintain the original condition of **the mural-based** architectural screening structures and treated surfaces **treatments** during the reporting year.
- Electronic photographs showing the results of maintenance and painting work.

The Annual Compliance Report shall incorporate reporting on future visual screening and enhancement of publicly visible power facility structures or foundations in the area of the SCGT generators or elsewhere on the site the same as the reporting requirements described above for the CCGT generators.

IT IS SO ORDERED.

CERTIFICATION

The undersigned Secretariat to the Commission 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 California Energy Commission held on April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

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ORDER NO: 21-0414-05

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

GILROY BACKUP GENERATING FACILTY

Docket No. 20-SPPE-03

ORDER ESTABLISHING COMMITTEE

On December 17, 2020, Amazon Data Services, Inc. (ADS) filed a small power plant exemption (SPPE) application for the Gilroy Backup Generating Facility. The facility would consist of fifty (50) 2.5-megawatt diesel-fired generators to generate a maximum of 96 megawatts of backup electricity for the Gilroy Data Center. The backup generators will be arranged in two generation yards, each designed to serve one of the two data center buildings that will make up the Gilroy Data Center at the project site in Gilroy, California, in the event that a prolonged lack of primary electricity supply from PG&E exceeds the storage capacity of the uninterruptable power supply systems. Pursuant to Public Resources Code section 25211 and California Code of Regulations, title 20, section 1204, the California Energy Commission (CEC) hereby establishes the Gilroy Backup Generating Facility SPPE Committee to preside over the small power plant exemption proceedings and any other proceedings arising from the application.

The committee shall have the authority and duties necessary to conduct this proceeding as set forth in CEC regulations, including the authority of a presiding member to manage the proceeding in accordance with California Code of Regulations, title 20, section 1203.

Unless otherwise ordered by the Commission, this Committee will dissolve 35 days after final action in this proceeding.

The Committee members are as follows:

Presiding: Commissioner Karen Douglas Associate: Commissioner Andrew McAllister

CERTIFICATION

The undersigned Secretariat to the Energy Commission 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 California Energy Commission held on April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION DENYING PETITION FROM AMERICAN INSTITUTE OF ARCHITECTS PURSUANT TO SECTIONS 1-313(e) AND 1-323(a) OF CHAPTER 1, PART 1, TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS

WHEREAS, the American Institute of Architects (AIA) submitted a petition under Section 1-313(a) of Chapter 1, Part 1, Title 24 of the California Code of Regulations, to the California Building Standards Commission; and

WHEREAS, the California Building Standards Commission determined that the petition was requesting an energy-related amendment and forwarded the petition to the California Energy Commission (CEC) as the agency with sole adoption authority for building energy standards; and

WHEREAS, AIA's petition concerns the quantity of solar photovoltaics and the conditions under which off-site equipment or other instruments can be counted toward this quantity, topics that are currently scheduled for inclusion in the 2022 rulemaking proceeding, which is under development and estimated to formally commence in April 2021; and

WHEREAS, pursuant to Section 1-313(e), petitions are not to be used to address matters relating to a proposed building standard or an adopted building standard prior to its effective date; and

WHEREAS, pursuant to Section 1-323(a), a petition may be denied for cause if the proposed standard is already scheduled for review at the regular triennial or other scheduled adoption.

THEREFORE BE IT RESOLVED, that the petition is denied pursuant to California Code of Regulations, title 24, Sections 1-313(e) and 1-323(a), on the grounds that the topics of the petition are included in a scheduled rulemaking proceeding; and

THEREFORE BE IT RESOLVED, that staff is directed to work with the petitioner to enter the submitted materials into the appropriate rulemaking record, review the contents of their proposal, and determine appropriate action within the rulemaking proceeding based on the merit of its materials; 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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE

ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION OF THE CALIFORNIA ENERGY COMMISSION
FINDING INDUSTRY CERTIFICATION THRESHOLD CONDITIONS MET PURSUANT
TO SECTION 10-103.2(B) OF THE BUILDING ENERGY EFFICIENCY STANDARDS
REGARDING ACCEPTANCE TEST TECHNICIAN CERTIFICATION TO PERFORM
THE MECHANICAL SYSTEMS ACCEPTANCE TESTS

WHEREAS, Section 10-103.2(b) of the 2019 Building Energy Efficiency Standards (Energy Code) requires that the California Energy Commission (CEC) make the following two findings prior to making mandatory that an acceptance test technician certification is required to perform mechanical systems acceptance testing:

- 1. There is a minimum of 300 certified acceptance test technicians statewide (Section 10-103.2(b)1A).
- 2. Eligible professions have reasonable access to the requisite training to become a certified acceptance test technician (Section 10-103.2(b)2).

WHEREAS, on January 12, 2021, CEC staff held a public workshop, and on February 22, 2021, published a staff report, which contains sufficient evidence to show that there are more than 350 certified mechanical systems acceptance test technicians capable of performing the required acceptance tests listed in Section 120.5 of the Energy Code, and eligible professions have reasonable access to the certification training; and

WHEREAS, the record of this proceeding indicates that, notwithstanding the existence of the conditions enumerated in Section 10-103.2(b), four outstanding issues that are outside the scope of the findings required by 10-103.2(b) should be addressed to ensure the success of the program and its benefits to the people of the state: (1) imbalanced geographic distribution and availability of acceptance test technicians, (2) need for additional acceptance test technicians beyond the amount required by Section 10-103.2(b) including due to technicians not seeking certification because the requirement is not yet in effect, (3) potential differences between small and large counties in code enforcement, and (4) concerns about further enforcement delays disadvantaging certified acceptance test technicians; and

WHEREAS, the record of this proceeding indicates that these issues can be addressed by encouraging local enforcement to allow a statewide implementation and training period lasting no more than six months, provided that during this time, efforts are made for CEC staff to actively engage AHJs, builders, engineers, architects, and

other stakeholders, to provide technical assistance, outreach and education, and address these outstanding issues identified by stakeholders.

THEREFORE BE IT RESOLVED, that the CEC finds that the requirements in Section 10-103.2(b) of the 2019 Energy Code have been satisfied; and

BE IT FURTHER RESOLVED, that, based upon the record, the CEC recommends that local enforcement of this requirement be delayed until October 1, 2021, allowing a reasonable time for training and implementation of additional acceptance test technicians; and

BE IT FURTHER RESOLVED, that the CEC hereby directs the executive director to take all actions necessary to implement this resolution, including directing staff to actively engage authorities having jurisdiction, builders, engineers, architects, and other stakeholders across the state to advise them of the program requirements and application, the six-month training and implementation period, and to offer technical assistance, including training.

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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

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STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION ADOPTING ELECTRIC PROGRAM INVESTMENT CHARGE 2020 ANNUAL REPORT

WHEREAS, Public Resources Code Section 25711.5(f) requires the Energy Commission to prepare and submit to the Legislature an Electric Program Investment Charge (EPIC) Program Annual Report by April 30th of each year, reporting information on activities and projects funded in the previous calendar year; and

WHEREAS, Section 25711.5(f) requires the EPIC annual reports to provide specific information for each project awarded, concluded, or ongoing during the reporting period, including, but not limited to: award recipients and amounts, project descriptions, how projects will lead to technological advancements or breakthroughs, how awards were made, administrative and overhead costs, and the impact on program administration from the low-income and disadvantaged community allocations; and

WHEREAS, Energy Commission staff have prepared the EPIC 2020 Annual Report in accordance with the requirements of Public Resources Code Section 25711.5(f), California Public Utilities Commission (CPUC) EPIC decisions including Decisions 12-05-037, 13-11-025, and 15-04-020, and the Budget Act of 2020 (Senate Bill 115, Chapter 40); and

WHEREAS, CPUC Decision 13-11-025 directs the Energy Commission toprovide copies to the CPUC of each EPIC annual report submitted to the Legislature; and

WHEREAS, the Energy Commission has reviewed the staff proposed EPIC2020 Annual Report, which was posted on the Energy Commission EPIC webpagefor public access as a staff report as of April 13, 2021; and

THEREFORE, BE IT RESOLVED, the Energy Commission hereby approves the EPIC 2020 Annual Report and directs the Executive Director, or his designee, totake the following action:

- Finalize the EPIC 2020 Annual Report, including adding links for any project final reports that are posted on the Energy Commission website between today and April 30th;
- Forward the final report to the Legislature and to the CPUC;
- Make the final report available to the public on the Energy Commission's website.

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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: VENTURA COUNTY REGIONAL ENERGY ALLIANCE

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-20-009 with Ventura County Regional Energy Alliance for a \$2,500,000 grant to implement various projects to support the adoption of EVs that were identified in their EV Ready Communities Challenge Blueprint; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her 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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: KERN COUNCIL OF GOVERNMENTS

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-20-010 with the Kern Council of Governments for a \$700,515 grant to implement various projects to support the adoption of EVs that were identified in their EV Ready Communities Challenge Blueprint; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her 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 April 14, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: GALLO GLASS COMPANY

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-20-006 with Gallo Glass Company for a \$5,573,860 grant to demonstrate an economically viable advanced oxygenenriched combustion system; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designeeshall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: INSTITUTE OF GAS TECHNOLOGY DBA GAS TECHNOLOGY INSTITUTE

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-20-007 with Gas Technology Institute for a \$2,000,000 grant to demonstrate an innovative burner that utilizes more stable and clean flameless combustion for metals industry furnace applications; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: WINSTON CONE OPTICS, INC.

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

RESOLVED, that the CEC approves Agreement PIR-20-004 with Winston Cone Optics, Inc. for a \$1,415,091 grant to develop a low-cost, high-efficiency solar thermal collectorfor industrial process heating. The project will support decarbonization of California's commercial and industrial sectors and reduce dependence on natural gas by using a unique asymmetric non-imaging optical design and by scaling up the technology through iterative demonstrations; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designeeshall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

Rue

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: LAWRENCE BERKELEY NATIONAL LABORATORY

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-20-025 with Lawrence Berkeley National Laboratory for a \$16,000,000 grant to establish the California Flexible Load Research and Deployment Hub to develop, demonstrate, and deploy multiple demand flexible technologies as electric grid resources; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

Wen

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: TECHNOLOGY & INVESTMENT SOLUTIONS, 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 EPC-20-005 with Technology & Investment Solutions, LLC for a \$1,766,775 grant to fund the field testing and performance validation of a pre-commercial hydrogen energy storage system to be installed at an existing anaerobic digestion facility. The project will validate the ability of metal hydrides to store hydrogen in a long-duration energy storage application; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ROCKY MOUNTAIN INSTITUTE

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-20-023 with Rocky MountainInstitute for a grant up to \$1,312,500, of which the CEC will provide \$687,500 in grant funds at this time. CEC will provide up to an additional \$625,000 contingent on future funding awards from the U.S. Department of Energy (DOE) and the approval of a future EPIC Investment Plan. This agreement is toa) design, build, and test a prefabricated all-electric integrated mechanical system that includes space conditioning and hot water heat pumps and advanced controls, and b) develop a nationwide advanced building construction consortium to increase demand and reduce costs for innovative building retrofits. The DOE has committed \$5,500,000 towards thisproject with an additional \$5,000,000 if future funds are awarded; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

<u>CERTIFICATION</u>

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: POLARIS ENERGY SERVICES, 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-20-019 with Polaris Energy Services, Inc. for a \$2,884,912 grant to increase agricultural demand flexibility. This project will deploy enhanced automated irrigation pump controls to enable demand flexibility at agricultural sites in the Central Valley of California; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

> Patricia Carlos Secretariat

Ren

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: OHMCONNECT, 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-20-034 with OhmConnect, Inc. for a \$3,000,000 grant to improve and expand its demand response engagement platform to achieve load reductions from residential participants. The project will include enhanced functionality to improve residential customer interaction and participation, especially in underresourced communities, to drop load when the electric grid is stressed; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE

ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ALL POWER LABS, 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-20-012 with All Power Labs, Inc. for a \$3,287,890 grant to fund the development and operation of a novel dispatchable multi-modal biomass energy microgrid. This project will generate low-cost renewable electricity, thermal energy, and biochar with a unique scalable configuration, and demonstrate its commercial viability and business case. The microgrid configuration will be highly replicable andable to quickly scale, providing substantial cost, reliability, and climate mitigation benefits to California ratepayers and the residents of disadvantaged communities, while promoting California's statutory energy goals; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CABAN SYSTEMS, INC.

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

RESOLVED, that the CEC approves Agreement EPC-20-026 with Caban Systems, Inc. for a \$1,095,264 grant to develop a state-of-the-art clean energy storage backup system to serve critical infrastructure facilities to mitigate the health and safety risks from planned and unplanned power outages. The project will build upon Caban Systems, Inc.'s successful CEC- funded Modular Battery Platform Project by integrating a commercially available clean hydrogenfuel cell into its advanced modular lithium-ion battery pack to provide over 72 hours of clean back-up power; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE

ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CUBERG, 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-20-027 with Cuberg, Inc. for a \$3,499,525 grant to design and manufacture an ultra-safe, nonflammable lithium-metal cell battery technology. The cell battery technology will be integrated into a lightweight, high- performance module acceptable for high energy-density applications such as long-range electric vehicles and electric aviation; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: NEXTECH BATTERIES, 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-20-028 with NexTech Batteries, Inc. for a \$2,996,782 grant to design and demonstrate a utility-scale battery energy storage system that utilizes a unique lithium-sulfur chemistry cell. This battery packages a non- cobalt design with improved energy progressive components and a battery management system to create a safe storage system with double the energy density and optimal cycle life of incumbent lithium-ion technology. The project will advance the production design of lithium- sulfur based cells, develop a highcapacity battery module prototype and demonstrate grid- integration of the Lithium-Sulfur Battery Energy Storage System with the University of California, San Diego's microgrid; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: FREEWIRE TECHNOLOGIES, 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-20-022 with FreeWire Technologies, Inc. for a \$3,468,490 grant to finalize the development of its Boost Charger+ andBoost Charger 2.0 systems and demonstrate Boost Chargers at two project sites, including onein an underresourced community. The FreeWire Boost Charger 2.0 integrates battery storage with advanced communication and control technologies and power electronics to provide an ultra-fast EV charging technology product that will streamline installation of DC Fast Chargers, respond to grid conditions, and provide power for EV drivers during grid outages; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CLARK PACIFIC TECHNOLOGY, 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 EPC-20-024 with Clark Pacific Technology, LLC for a \$3,000,000 grant to fund the design and buildout of a pilot manufacturingline for a novel space conditioning system that integrates radiant heating and cooling and enables control systems with concrete slabs to create a high thermal mass radiant system using a prefabricated production process. The prefabrication method can help overcome market barriers to radiant heating and cooling systems by enabling the manufacturing of a product that is less labor intensive and higher quality while providing greater schedule certainty; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ANTORA ENERGY, 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-20-029 with Antora Energy, Inc. for a \$2,999,695 grant to design and build out a pilot-scale manufacturing line for thermophotovoltaic cells that convert radiant heat into electricity. The novel thermophotovoltaiccells are combined with inexpensive thermal storage to create a cost-effective long-duration energy storage system capable of providing 200 hours of capacity; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE

ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: UBIQUITOUS ENERGY, 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-20-032 with Ubiquitous Energy, Inc. for a \$2,997,343 grant to accelerate commercialization of their innovative windowcoating technology prototype by advancing the pilot-scale manufacturing line to meet market entry production requirements. The transparent coating technology is applied directly to glass windowpanes to generate electricity and simultaneously provide high-energy efficiency by insulating the building from solar heat. Under this agreement, the recipient will develop and demonstrate manufacturing capabilities that achieve low-rate initial production levels; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: HALO INDUSTRIES, 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-20-033 with Halo Industries, Inc. for a \$3,000,000 grant to bring a silicon carbide wafer manufacturing method into LRIP. This manufacturing method uses a patented laser based slicing technology and dramatically lowers the cost of these wafers, which are necessary for advanced, next generation power electronics for a wide variety of applications. During the project, the recipient will complete manufacturing design and engineering work, develop a stable and scalable supply chain, and demonstrate the pilot production system; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: OPUS 12 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-20-035 with Opus 12 Incorporated, for a \$3,000,000 grant to scale production of Opus 12's innovative membrane electrode assemblies. The membrane electrode assemblies provide an efficient technological pathway to convert carbon dioxide into valuable products and fuels (carbon monoxide, ethylene, and other compounds) with the use of renewable electricity, which could also improve the marginal value of new solar photovoltaic generation by enabling on-demand production of thesematerials during times of potential overgeneration. The project seeks to commission the design, build, installation, and operation of the production pilot line for membrane electrode assemblies with a target capability of fabricating 17,000-40,000 cm2 of total membrane electrode assembly area per day; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ELECTRIC POWER RESEARCH INSTITUTE, INC.

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

RESOLVED, that the CEC approves Agreement EPC-20-030 with Electric Power Research Institute, Inc. for a \$3,308,595 grant to fund the development and demonstration of a novel hybrid power (solar and grid tied) exterior LED lighting system that includes a unique wraparound solar panel, sensors, controls, and battery storage. This project will be demonstrated in six low-income or disadvantaged communities; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, ON BEHALF OF THE DAVIS CAMPUS

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

RESOLVED, that the CEC approves Agreement EPC-20-031 with The Regents of the University of California, on behalf of the Davis Campus, for a \$4,166,306 grant to fund the development and demonstration of a novel hybrid power (solar and grid tied) exterior LED lighting system that includes a unique integrated solar panel with embedded sensors, smart controls, and battery storage. This project will be demonstrated in seven low-income or disadvantaged communities; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee shall execute the same on behalf of the CEC.

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NAY: NONE ABSENT: NONE ABSTAIN: NONE