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Project Title:	Business Meeting Agendas, Transcripts, Minutes, and Public Comments
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Description:	N/A
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Organization:	California Energy Commission
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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 Amendment 6 to Agreement 600-13-009 with Lawrence Berkeley National Laboratory (LBNL) to incorporate a bailment agreement involving six vehicles between the CEC and the Naval Facilities Engineering and Expeditionary Warfare Center, a U.S. Department of the Navy Federal Laboratory. The bailment agreement indicates the Marines and LBNL will use the vehicles under this contract and adds associated terms; 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 June 9, 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: ELECTRIC TRANSPORTATION COMMUNITY DEVELOPMENT 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 600-20-011 with the Electric Transportation Community Development Corporation for an \$18,000 contract which provides the CEC membership in the electric vehicle (EV) Strike Force for 2021 and 2022. The EV Strike Force comprises leaders from industry, academia, labor, and equity groups in coordination with public sector stakeholders. Membership provides a forum for the CEC to participate in member meetings, working groups, workshops, briefings, and other events to build common ground between stakeholders and inform policy development to advance accessible, equitable, and affordable electric vehicle infrastructure in California; 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 June 9, 2021.

AYE: Douglas, McAllister, Gunda

NAY: NONE

ABSENT: Hochschild, Monahan

ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: STANFIELD SYSTEMS INC. PURCHASE ORDER

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 a purchase order with Stanfield Systems, Inc., for \$99,839.04 of COIA funds to provide software support and maintenance to the DynaSim modelling framework, to support CEC forecasts of transportation energy demand; 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 June 9, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

ORDER NO: 21-0609-1d

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

ALAMITOS ENERGY CENTER

Docket No. 13-AFC-01C

ORDER APPROVING MODIFICATION
OF OPERATING HOURS AND
EXHAUST STACK HEIGHT EXHAUST

On April 4, 2019, AES Alamitos Energy, LLC, filed a petition with the California Energy Commission (CEC) requesting to modify the operating hours of the Alamitos Energy Center (AEC) project's Phase 1 combined-cycle gas turbines (CCGT) and a Phase 2 simple-cycle gas turbines (SCGT) to better reflect the expected demand by the electrical system. The operating hours for the CCGT would increase while the hours of operations for the SCGT would decrease. Other changes include modifying air emission limits to be commensurate with the modification of operating hours and increasing the height of the CCGT exhaust stacks from 140 to 150 feet.

STAFF RECOMMENDATION

CEC staff has reviewed the petition pursuant to Title 20, California Code of Regulations, section 1769 (Post Certification Amendments and Changes) and has concluded that the modifications to the CCGT and SCGT operating hours, emission limits, and stack height would not result in a significant impact on the environment, or cause the project to not comply with applicable laws, ordinances, regulations, and standards.

ENERGY COMMISSION FINDINGS

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

- The petition meets all the filing criteria of Title 20, California Code of Regulations, section 1769 (a), concerning post-certification project modifications;
- The modifications will not change the findings in the Commission's Final Decision, pursuant to Title 20, California Code of Regulations, section 1748;
- The project will remain in compliance with all applicable laws, ordinances, regulations, and standards, subject to the provisions of Public Resources Code section 25525;

- The increase the CCGT operating hours and decrease the SCGT operating hours better reflects the expected demand by the electrical system; and
- There are no proposed changes to the maximum hourly or daily emissions for all facility equipment. The only proposed change to monthly emissions is for nitrogen oxides from the combined-cycle gas turbines. This increase is the result of a proposed higher non-cold startup nitrogen oxide emission limit.

CONCLUSION AND ORDER

The CEC hereby adopts staff's recommendations and approves the amended conditions of certification to the Commission Decision for the Alamitos Energy Center as set forth in the Staff Analysis.

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 CEC held on June 9, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION APPROVING DISADVANTAGED COMMUNITIES ADVISORY GROUP MEMBERSHIP

WHEREAS, Senate Bill 350 (SB 350) (de León, Chapter 547, Statutes of 2015), as codified in the California Public Utilities Code Section 400(g), requires the Public Utilities Commission (CPUC) and the California Energy Commission (CEC) to establish a Disadvantaged Communities Advisory Group (DACAG) consisting of representatives from disadvantaged communities as defined in Section 39711 of the Health and Safety Code; and

WHEREAS, the DACAG will review and provide advice on proposed SB 350 clean energy and pollution reduction programs and determine whether those proposed programs will be effective and useful in disadvantaged communities; and

WHEREAS, José Hernandez, Elena Krieger, and Curtis Silvers have extensive professional and lived experiences focused on equity and environmental justice, combined with geographic diversity and unique energy-related and other expertise, which make them excellent candidates for the DACAG; and

WHEREAS, Commissioners Rechtschaffen and Guzman-Aceves from the CPUC and Commissioners Douglas and Gunda from the CEC have selected and recommend that José Hernandez, Elena Krieger, and Curtis Silvers be appointed to the DACAG; and

THEREFORE, BE IT RESOLVED, that the CEC accepts the Commissioners' joint recommendations, and appoint Jose Hernandez, Elena Krieger, and Curtis Silvers to the DACAG; and

FURTHER BE IT RESOLVED, that the Executive Director or his/her designee is authorized to take all action, including coordinating with the CPUC and its staff as necessary, to ensure the DACAG accomplishes the purposes set forth in California Public Utilities Code section 400(g).

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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 June 9, 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:

ASSEMBLY BILL 2127 ELECTRIC VEHICLE CHARGING INFRASTRUCTURE ASSESSMENT

Docket No. 19-AB-2127

ADOPTION OF THE ASSEMBLY BILL 2127 ELECTRIC VEHICLE CHARGING INFRASTRUCTURE ASSESSMENT REVISED STAFF REPORT

WHEREAS, Assembly Bill (AB) 2127 (Ting, Chapter 365, Statutes of 2018) tasked the California Energy Commission (CEC) with preparing a statewide assessment of the electric vehicle charging infrastructure needed to support the levels of electric vehicle adoption required for the state to meet its goals of putting at least five million zero-emission vehicles on California roads by 2030, and of reducing emissions of greenhouse gases to 40 percent below 1990 levels by 2030; and

WHEREAS, Executive Order N-79-20 (issued September 23, 2020) expanded statewide vehicle electrification targets and directed the CEC to update its assessment under AB 2127 to support the levels of electric vehicle adoption required by the order; and

WHEREAS, AB 2127 calls on the CEC to expand upon on prior electric vehicle infrastructure projections to consider all necessary charging infrastructure, including, but not limited to, the chargers, make-ready electrical equipment, and supporting hardware and software, all vehicle categories, road, highway, and off-road electrification, port and airport electrification, and other programs to accelerate the adoption of electric vehicles; and

WHEREAS, CEC staff sought data and input relating to electric vehicle charging infrastructure from stakeholders, including, but not limited to, the Public Utilities Commission, the State Air Resources Board, electrical corporations, local publicly owned electric utilities, state and local transportation and transit agencies, charging infrastructure companies, environmental groups, and automobile manufacturers in preparing the AB 2127 Electric Vehicle Charging Infrastructure Assessment Staff Report, which was released on January 7, 2021; and

WHEREAS, CEC staff hosted a two-day public workshop in February 2021 to discuss and seek feedback on the findings presented in the *AB 2127 Electric Vehicle Charging Infrastructure Assessment Staff Report* and received over 30 comments submitted to the public docket; and

WHEREAS, after considering all materials and comments received, CEC staff incorporated stakeholder feedback and updated modeling into the *AB 2127 Electric Vehicle Charging Infrastructure Assessment Revised Staff Report*, which was released on May 27, 2021; and

WHEREAS, the CEC has considered the application of the California Environmental Quality Act (CEQA) to the adoption of the AB 2127 Electric Vehicle Charging Infrastructure Assessment Revised Staff Report, and concludes that the adoption of the AB 2127 Electric Vehicle Charging Infrastructure Assessment Revised Staff Report 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 CEC hereby finds the AB 2127 Electric Vehicle Charging Infrastructure Assessment Revised Staff Report not to be a project under CEQA; adopts the AB 2127 Electric Vehicle Charging Infrastructure Assessment Revised Staff Report with any errata approved at the June 9, 2021 Business Meeting; directs CEC staff to prepare an AB 2127 Electric Vehicle Charging Infrastructure Assessment Commission Report incorporating any non-substantive changes such as typographical corrections; and directs staff to make the AB 2127 Electric Vehicle Charging Infrastructure Assessment Commission Report available to the public.

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 June 9, 2021.

AYE: Hochschild, Douglas, McAllister, Monahan, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

ORDER NO: 21-0609-04

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

In the Matter of:

Docket No. (87-AFC-01C)

SYSTEM (SEGS) III-VII SOLAR ENERGY GENERATING ORDER APPROVING FACILITY DECOMMISSIONING PLAN

On April 20, 2021, NextEra Energy Resources-Operating Services (NEER), as agent for LUZ Solar Partners III-VII Ltd. (project owner), filed the Facility Decommissioning Plan (TN#: 237500) with the California Energy Commission (CEC) for the Solar Energy Generating Systems Unit III-VII (SEGS III-VII) facility, as required by Section 20 of the Conditions of Certification, as found in the Commission Final Decision for the SEGS III-VII.

SEGS III–VII consists of five 30-megawatt solar-thermal and natural-gas-fired units. These units use parabolic mirrors to concentrate solar energy for transfer into heat transfer fluid, which is then used to create steam to generate up to 150 megawatts net total of electricity for the Southern California Edison transmission grid. The CEC certified the SEGS III-VII project in May 1988. Construction was completed and the facility went online in February 1989.

On February 12, 2021, NEER docketed a draft Decommissioning Plan (TN#: 236752) with the CEC requesting approval to begin decommissioning activities of the SEGS III-VII facility. Separately, NEER is seeking to redevelop the SEGS III-VII site with solar photovoltaic (PV) panels and supporting facilities. The proposed PV project would be under the local jurisdiction of the County of San Bernardino and would be permitted through the County's Conditional Use Permit process.

STAFF RECOMMENDATION

Staff reviewed and analyzed the Facility Decommissioning Plan and has concluded that decommissioning of the SEGS III-VII facility would have less than significant effects on the environment and would comply with all applicable laws, ordinances, regulations, and standards with the continued implementation of existing conditions of certification in the Commission Final Decision, and with the implementation of new conditions in the areas of Air Quality, Biological Resources, Cultural Resources, Geological and Paleontological Resources, Hazardous Materials Management, Land Use, Public Health, Soil and Water Resources, Transportation, Waste Management and Worker Safety and Fire Protection. In addition, decommissioning would not affect any population including the environmental justice population.

ENERGY COMMISSION FINDINGS

Based on staff's analysis, the CEC finds that the activities proposed in the Facility Decommissioning Plan would not have a significant effect on the environment or on an environmental justice population and would be consistent with applicable laws, ordinances, regulations and standards. The CEC further finds that:

The Facility Decommissioning Plan meets all of the criteria included in Section 20 of the Conditions of Certification in the Commission Final Decision for the SEGS III-VII as listed below:

- A. Identify and discuss the proposed decommissioning activities and schedule for the power plant sites, transmission line corridor, and all appurtenant facilities constructed as a part of/or because of the project;
- B. Identify all applicable laws, ordinances, regulations, standards, (LORS) and local/regional plans applicable at that time;
- C. Discuss how the specific proposed decommissioning activities will comply with those identified LORS and plans;
- D. Contain an analysis of all decommissioning alternatives considered, including restoration of the site to its preconstruction, natural state;
- E. Discuss the reasons for selecting the preferred proposal.

CONCLUSION AND ORDER

The CEC hereby adopts staff's recommendations and approves the Facility Decommissioning Plan under Section 20 of the Commission Final Decision. The CEC further adopts the proposed conditions contained in the appendix to staff's Analysis and Recommendation of the SEGS III-VII Facility Decommissioning Plan.

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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 June 9, 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: CALIFORNIA SCHOOLS HEALTHY AIR, PLUMBING AND EFFICIENCY PROGRAM (20-RENEW-01)

WHEREAS, Assembly Bill 841 (AB 841, Statutes of 2020, Chapter 372), added, among other statutes, Public Utilities Code (PUC) Section 1600 et seq., which directs the California Energy Commission (CEC) to develop and implement two programs: a program to award grants to local educational agencies to reopen schools with functional ventilation systems that are tested, adjusted and, if necessary or cost effective, repaired, upgraded, or replaced to increase efficiency and performance; and another program to provide grants to state agencies and local educational agencies to replace noncompliant plumbing fixtures and appliances with water-conserving plumbing fixtures and appliances; and

WHEREAS, PUC section 1614 directs the CEC to adopt guidelines to establish the eligibility criteria, reporting requirements, and technical standards for the California Schools Healthy Air, Plumbing and Efficiency (CalSHAPE) Ventilation and Plumbing Programs; and

WHEREAS, the CEC released draft *California Schools Healthy Air, Plumbing, and Efficiency Ventilation Program Guidelines* (called in AB 841 the School Reopening Ventilation and Energy Efficiency Verification and Repair Program, but renamed by the CEC) and *California Schools Healthy Air, Plumbing, and Efficiency Plumbing Program Guidelines* (called in AB 841 the School Noncompliant Plumbing Fixture and Appliance Program, but renamed by the CEC, with both guidelines collectively referred to as the Guidelines in this Resolution) on January 20, 2021; and

WHEREAS, the CEC conducted public workshops on January 22, 2021 and April 28, 2021 to solicit stakeholder feedback; and

WHEREAS, the CEC released updated draft Guidelines on March 19, 2021, and May 28, 2021; and

WHEREAS, the CEC considered the application of the California Environmental Quality Act (CEQA) to the adoption of the Guidelines and finds that the adoption of these Guidelines is exempt from CEQA, California Code of Regulations, title 14, sections 15301, 15302, and 15303; and

WHEREAS, the CEC considered staff's proposed revisions to the Guidelines, as set forth in the final draft Guidelines as reflected in the public notice of May 28, 2021, and finds that adoption of these Guidelines is exempt from CEQA, and accepts and approves these revisions for the purpose of administering CalSHAPE; and

WHEREAS, the CEC received new stakeholder comments and data prior to and at this business meeting about the CalSHAPE Ventilation Program Guidelines and a request to postpone adoption until the new comments and data have been considered by the CEC; and

WHEREAS, the CEC did not receive new data about, or a request to postpone adoption of, the CalSHAPE Plumbing Program Guidelines, and instead received comments to adopt it as proposed.

THEREFORE BE IT RESOLVED, the CEC took two votes today:

- 1. The CEC hereby postpones adoption of the CalSHAPE Ventilation Program Guidelines to consider the new comments and data received; and
- 2. The CEC hereby finds the adoption of the CalSHAPE Plumbing Program Guidelines to be exempt from CEQA under Title 14, California Code of Regulations, sections 15301, 15302, and 15303, adopts the CalSHAPE Plumbing Program Guidelines, and directs CEC staff to take, on behalf of the CEC, all actions reasonably necessary to administer the CalSHAPE Plumbing Program as specified in these Guidelines, including if necessary, making grammatical or other non-substantive, minor changes to the Guidelines as needed.

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 Decision duly and regularly adopted at a meeting of the CEC held on June 9, 2021.

Vote #1:

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE Vote #2:

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALIFORNIA AIR RESOURCES BOARD (CARB)

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

RESOLVED, that the CEC approves Agreement 600-20-008 with the California Air Resources Board (CARB) for an \$850,000 contract to build, commission, and operate the Hydrogen Station Equipment Performance device on behalf of the CEC. CARB will use the device to evaluate safety and performance of hydrogen refueling stations before opening to the public; 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 June 9, 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: CALIFORNIA AIR RESOURCES BOARD (CARB)

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 RMB600-20-007 for CARB to provide \$1,000,000 to the CEC for a solicitation for ZEV workforce training and development in underrepresented communities; 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 June 9, 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 - RE: CALIFORNIA CONSERVATION CORPS

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

RESOLVED, that the CEC approves Agreement 600-20-012 with the California Conservation Corps for \$1,000,000 to establish the IDEAL Transportation Electrification Training Project; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: 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 Agreement 800-20-005 with Aspen Environmental Group for \$2,500,000. Aspen will provide technical assistance to the Energy Assessments Division in a wide variety of analysis including to evaluate electric and natural gas system reliability, improve demand forecasting, assess resource availability, and evaluate distributed generation performance and impacts; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALIFORNIA CLEAN ENERGY FUND DBA CALCEF VENTURES

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 500-20-004 with California Clean Energy Fund DBA CalCEF Ventures for a \$10,000,000 contract to administer the California Sustainable Energy Entrepreneur Development (CalSEED) - Low-Carbon Gas (LCG) small grants program for technologies that can decarbonize hard-to-electrify energy uses served by natural gas. This program will be modeled after and complement the successful CalSEED program funded under EPIC. CalSEED-LCG will provide entrepreneurs starting capital in the form of competitively awarded grants up to \$150,000 to develop their ideas into proof-of-concepts. This level of funding fills a crucial niche in the financing landscape for clean energy entrepreneurs. \$2.29 million of the \$10 million is immediately available and the balance of \$7.71 million will be available contingent upon approval of a future Natural Gas budget plan; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: GUIDEHOUSE 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 500-20-003 with Guidehouse Inc. for a \$477,237 contract to produce a long-term natural gas research strategy to help achieve California's aggressive decarbonization goals. The strategy will produce prioritized research recommendations which will inform the CEC's Natural Gas Research Program. Research conducted under this program will assist the State's transition to a net-zero carbon natural gas system; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: THE RAND 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 PIR-20-008 with The RAND Corporation for a \$964,721 grant to fund research to develop an analytical framework to identify locations in Southern California where decommissioning can occur in an equitable, and cost-effective way. Using detailed models of the gas system with data on the socioeconomic conditions of candidate communities, the team will evaluate different decommissioning sites and approaches in the Southern California Gas Company service territory; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ENERGY AND ENVIRONMENTAL ECONOMICS, INC. (E3)

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-20-009 with E3 for a \$1,000,000 grant to fund research that will identify opportunities and barriers to achieve gas system cost reductions through tactical decommissioning of portions of Pacific Gas and Electric Company's natural gas system, and to set community priorities and paths forward on electrification and tactical gas decommissioning in up to three proposed pilot locations in East Bay Community Energy's service territory; 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 June 09, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CLEANTECH SAN DIEGO ASSOCIATION

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 EPC-15-030 with Cleantech San Diego Association to continue and expand the successful San Diego Regional Energy Innovation Cluster program established under this agreement by augmenting the budget with \$5,000,000 in funding. The amendment will update the Scope of Work and extend the agreement term by five years to enable the San Diego Regional Energy Innovation Cluster to continue to provide commercialization support services to clean energy entrepreneurship in San Diego, Imperial, Riverside and San Bernardino Counties. This program will leverage the region's universities, industries, businesses, economic development organizations, and other key stakeholder groups to foster collaborations across the private public-academic landscape; and

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

<u>CERTIFICATIO</u>N

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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, 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 - RE: ACTIVATE GLOBAL INC.

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

RESOLVED, that the CEC approves Amendment 4 to Agreement EPC-15-032 with Activate Global, Inc. to augment the budget with \$4,980,000, update the Scope of Work and extend the agreement term by five years. This amendment will provide continued support to the Cyclotron Road program which provides commercialization support services to clean energy entrepreneurs developing breakthrough materials and hardware devices in energy efficiency, energy storage, distribution, grid management, and power generation. Cyclotron Road provides entrepreneurs access to world-class laboratory facilities, and key services, such as business model development, customer discovery, and intellectual property protection to enable energy entrepreneurs in the Bay Area region; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALIFORNIA STATE UNIVERSITY, FRESNO FOUNDATION

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 EPC-15-038 with California State University, Fresno Foundation to augment the budget with \$5,000,000, update the Scope of Work, extend the agreement term by five years. This amendment will continue and expand the successful Central Valley Regional Energy Innovation Cluster program established under this agreement, allowing the cluster to provide clean energy entrepreneurs with access to a region-wide energy-water-food nexus incubator and commercialization services in California's Central Valley and North State regions that includes technology evaluation, proof-of-concept validation and advisory support as well as opportunities to connect with investors, industry leaders and potential customers; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: LOS ANGELES CLEANTEACH INCUBATOR

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 3 to Agreement EPC-16-015 with the Los Angeles Cleantech Incubator to augment the budget with \$4,999,247, update the Scope of Work, extend the agreement term by five years. This amendment will build on the success of the initial funding award that established the Los Angeles Regional Energy Innovation Cluster program, and will continue and expand the commercialization support services provided by the cluster program to clean energy entrepreneurs in Orange, Los Angeles, Santa Barbara and Ventura Counties. Under the Los Angeles Regional Energy Innovation Cluster program, the Los Angeles Cleantech Incubator and its partners will continue to provide and coordinate key services, assistance, resources, and infrastructure needed by entrepreneurs and researchers developing breakthrough technologies that are essential to meeting the goals of Senate Bill 100 (De León, Chapter 312, Statutes of 2018) including energy efficiency, energy storage, transportation electrification and renewable generation; and

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

<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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALIFORNIA CLEAN ENERGY FUND DBA CALCEF VENTURES

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 300-15-007 with California Clean Energy Fund dba CalCEF Ventures to augment the budget with \$33,000,000 to update the Scope of Work, extend the agreement term by four years. This amendment will continue and expand the successful CalSEED Initiative program established under this agreement. Of the \$33 million, \$12.7 million is immediately available and the remaining \$20.3 million will be available contingent upon approval of future EPIC funding. CalSEED provides seed funding, mentoring, technical consulting, and business development services to support clean energy entrepreneurs and research teams to develop breakthrough solutions that will benefit California's Investor Owned Utility electric ratepayers and help achieve the goals of Senate Bill 100; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: TA OPERATING 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-20-042 with TA Operating LLC for a \$4,000,000 grant to design, develop, and deploy an advanced charging solution for medium and heavy-duty vehicles. The project will integrate publicly accessible medium and heavy -duty fast chargers with battery storage, a hydrogen fuel cell, and solar PV to power opportunity and overnight charging for fleets at the TA Travel Center in Ontario, California; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: SYSCO RIVERSIDE, 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-20-046 with Sysco Riverside, Inc. (Sysco) for a \$4,000,000 grant to deploy a modular distributed energy resource system including onsite solar PV generation, a battery energy storage system, and an advanced energy management system. This project will power 40 new electric heavy-duty trucks and charging infrastructure at Sysco's Riverside distribution warehouse, helping accelerate market adoption; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, 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-20-043 with The Regents of the University of California, on behalf of the Davis campus for a \$1,529,705 grant to develop, test, and demonstrate a controller to minimize electricity and water consumption for cooling dairy cows to reduce heat stress; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ZIRA GROUP INC. DBA LIGHTAPP

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-20-047 with Zira Group Inc. DBA Lightapp for a \$4,227,648 grant to demonstrate and deploy advanced energy management software solutions that leverages artificial intelligence, machine learning and other data to maximize energy efficiency at California dairy processing facilities; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: ENPOWERED 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-20-045 with Enpowered Solutions, LLC for a \$1,638,868 grant to demonstrate an energy management system using artificial intelligence to optimize energy efficiency and plant utility control systems in five California dairy industrial facilities; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: CALISKANER WATER 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-20-044 with Caliskaner Water Technologies, Inc. for a \$4,000,000 grant to design, install, demonstrate and evaluate advanced primary and advanced secondary treatment technologies at a California wastewater treatment facility. This project will be the first application of these combined technologies to reduce electrical energy consumption and greenhouse gas emissions while increasing treatment performance and capacity; 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE

STATE OF CALIFORNIA

STATE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION - RE: GATE 5 ENERGY PARTNERS, INC.

WHEREAS, the Santa Margarita Water District is the Lead Agency for "Demonstration of Advanced Primary and Secondary Wastewater Treatment Technology" (hereinafter, "Project"), a proposed project to develop and demonstrate an advanced primary and secondary wastewater treatment with energy-positive solids management, which is within the scope of the Chiquita Water Reclamation Plant Phase IV Expansion Project; and

WHEREAS, the Santa Margarita Water District prepared a Final Initial Study on December 20, 2013, which was revised on February 5, 2014, and a Mitigated Negative Declaration for the Project to evaluate the potential environmental impacts of implementing the Project, copies of which are on file with the California Energy Commission (CEC); and

WHEREAS, the Santa Margarita Water District on February 14, 2014, approved and adopted the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan for the Project, thereby imposing mitigation measures upon the Project; and

WHEREAS, the Santa Margarita Water District adopted findings required by the California Environmental Quality Act ("CEQA"), and approved the Project, by Adoption of Resolution No. 2014-02-02, a copy of which Resolution is on file with the CEC; and

WHEREAS, the CEC is considering proposed Agreement EPC-20-048, "Demonstration of Advanced Primary and Secondary Wastewater Treatment Technology" (hereafter, "EPC-20-048"), a grant to develop and demonstrate an advanced primary and secondary wastewater treatment with energy-positive solids management; and

Prior to acting on the Agreement EPC-20-048, the CEC desires to make certain findings pursuant to the CEQA Guidelines, title 14, section 15096;

NOW THEREFORE, BE IT RESOLVED:

1. The Energy Commission has reviewed the information contained in the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan, that is relevant to

its approval of EPC-20-048, and has reviewed the CEQA findings contained in the Santa Margarita Water District's Final Initial Study, Mitigated Negative Declaration, and Mitigation Monitoring and Reporting Plan, which are adopted to the extent that they are relevant to the CEC's decision to approve EPC-20-048.

- 2. The Santa Margarita Water District has already adopted the mitigation measures recommended in the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan and has authority to implement the mitigation measures or to seek any required approvals for the mitigation measures, and the CEC has no direct authority to implement the mitigation measures.
- 3. The CEC has reviewed and considered the Final Initial Study, Mitigated Negative Declaration, and Mitigation Monitoring and Reporting Plan, and finds that these documents are adequate for its use as the decision-making body for its consideration of EPC-20-048.
- 4. Approval of EPC-20-048 (Demonstration of Advanced Primary and Secondary Wastewater Treatment Technology) is within the scope of the Chiquita Water Reclamation Plant Phase IV Expansion Project approved by Santa Margarita Water District, and the activities evaluated in the Final Initial Study, Mitigated Negative Declaration, and Mitigation Monitoring and Reporting Plan.
- 5. Since the Mitigated Negative Declaration was finalized, and adopted on February 14, 2014, there have been no substantial project changes and no substantial changes in the project circumstances that would require major revisions to the Mitigated Negative Declaration, 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 important that would change the conclusion set forth in the Mitigated Negative Declaration.
- 6. The CEC has not identified any feasible alternative or additional feasible mitigation measures within its power that would substantially lessen or avoid any significant effect the Demonstration of Advanced Primary and Secondary Wastewater Treatment Technology would have on the environment.

THEREFORE BE IT RESOLVED, that the CEC finds, on the basis of the entire record before it, that the mitigation measures incorporated in the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Plan will prevent EPC-20-048 from having any significant environmental impacts; and

BE IT FURTHER RESOLVED, that the CEC approves Agreement EPC-20-048 with Gate 5 Energy Partners, Inc., for \$1,603,779; and

BE IT 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 June 9, 2021.

AYE: Hochschild, Douglas, Monahan, McAllister, Gunda

NAY: NONE ABSENT: NONE ABSTAIN: NONE