



STATE OF CALIFORNIA

GRANT REQUEST FORM (GRF)

CEC-270 (Revised 12/2019)

CALIFORNIA ENERGY COMMISSION

A) New Agreement # ARV-21-031 (to be completed by CGL office)

B) Division	Agreement Manager:	MS-	Phone
600 Fuels and Transportation Division	Akasha Kaur Khalsa	27	916-891-9128

C) Recipient's Legal Name	Federal ID #
Central Coast Community Energy (3CE)	82-2386705

D) Title of Project
Central Coast Community Energy MD/HD ZEV Blueprint

E) Term and Amount

Start Date	End Date	Amount
11 / 15 / 2021	12 / 31 / 2023	\$ 200,000

F) Business Meeting Information

☐ ARFVTP agreements \$75K and under delegated to Executive Director

Proposed Business Meeting Date 11 / 15 / 2021 ☐ Consent ☒ Discussion

Business Meeting Presenter Kathryn Reid Time Needed: 5 minutes

Please select one list serve. Altfuels (AB118- ARFVTP)

Agenda Item Subject and Description:

CENTRAL COAST COMMUNITY ENERGY. Proposed resolution approving Agreement ARV-21-031 with Central Coast Community Energy for a \$200,000 grant to develop the Central Coast Community Energy Medium- and Heavy-Duty (MD/HD) Zero-Emission Vehicle Blueprint Project to accelerate the deployment of MD/HD zero-emission vehicles and related fueling infrastructure throughout California's Central Coast region and adopting staff's determination that this action is exempt from CEQA. (Clean Transportation Program funding.) Contact: Akasha Kaur Khalsa. (Staff Presentation: 5 minutes)

G) California Environmental Quality Act (CEQA) Compliance

1. Is Agreement considered a "Project" under CEQA?

☒ Yes (skip to question 2) ☐ No (complete the following (PRC 21065 and 14 CCR 15378)):

Explain why Agreement is not considered a "Project":

Agreement will not cause direct physical change in the environment or a reasonably foreseeable indirect physical change in the environment because .

2. If Agreement is considered a "Project" under CEQA:

a) ☒ Agreement **IS** exempt.

☐ Statutory Exemption. List PRC and/or CCR section number:

☒ Categorical Exemption. List CCR section number: 14 CCR section 15306 – Information Collection

☐ Common Sense Exemption. 14 CCR 15061 (b) (3) Explain reason why Agreement is exempt under the above section: Cal. Code Regs, tit. 14, §15306, Information Collection, provides that projects which consist of basic data collection, research and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource are categorically exempt from the provisions of



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CEQA. This project consists of developing a planning document for possible, future deployment of zero emission vehicles and related infrastructure equipment. The project will not cause direct physical changes to the environment, and there will be no physical construction. This project involves data collection, technology assessment, public outreach, administrative coordination efforts, planning, and similar activities. Therefore, the proposed project will have no significant effect on the environment and is categorically exempt under section 15306.

- b) ☐ Agreement **IS NOT** exempt. (consult with the legal office to determine next steps)

Check all that apply

- ☐ Initial Study
☐ Negative Declaration
☐ Mitigated Negative Declaration
☐ Environmental Impact Report
☐ Statement of Overriding Considerations

H) List all subcontractors (major and minor) and equipment vendors: (attach additional sheets as necessary)

Legal Company Name:	Budget
	\$
	\$
	\$

I) List all key partners: (attach additional sheets as necessary)

Legal Company Name:

J) Budget Information

Funding Source	Funding Year of Appropriation	Budget List Number	Amount
ARFVTP	FY 19/20	601.118L	\$200,000
Funding Source			\$
Funding Source			\$
Funding Source			\$
Funding Source			\$

R&D Program Area: N/A TOTAL: \$

Explanation for "Other" selection

Reimbursement Contract #: N/A Federal Agreement #: N/A



CEC-270 (Revised 12/2019)

Date _____

Exhibit A SCOPE OF WORK

TECHNICAL TASK LIST

Task #	CPR	Task Name
1		Administration
2	X	Community and Stakeholder Engagement
3	X	Blueprint Development
4		Project Fact Sheet
5		Blueprint

KEY NAME LIST

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	Dan Bertoldi (3CE)	To Be Determined (TBD)	
2	Dan Bertoldi, TBD	TBD	
3	TBD	TBD	
4	TBD	TBD	
5	Dan Bertoldi, TBD	TBD	

GLOSSARY

Specific terms and acronyms used throughout this scope of work are defined as follows:

Term/ Acronym	Definition
CAM	Commission Agreement Manager
CAO	Commission Agreement Officer
CBO	Community-Based Organization
CCTEC	Central Coast Transportation Electrification Clearinghouse
CEC	California Energy Commission
Clean Transportation Program	Formerly known as Alternative and Renewable Fuel and Vehicle Technology Program
CPR	Critical Project Review
DAC	Disadvantaged Community
EVSE	Electric Vehicle Service Equipment
FTD	Fuels and Transportation Division
Recipient	Central Coast Community Energy (3CE)
MD/HD	Medium- and Heavy-Duty

Term/ Acronym	Definition
TAC	Technical Advisory Committee
ZEV	Zero-Emission Vehicle. (This may include on- and off-road vehicles, equipment, and harbor craft.)

BACKGROUND

Assembly Bill (AB) 118 (Núñez, Chapter 750, Statutes of 2007), created the Clean Transportation Program (formerly known as the Alternative and Renewable Fuel and Vehicle Technology Program). The statute authorizes the California Energy Commission (CEC) to develop and deploy alternative and renewable fuels and advanced transportation technologies to help attain the state's climate change policies. AB 8 (Perea, Chapter 401, Statutes of 2013) re-authorizes the Program through January 1, 2024, and specifies that the CEC allocate up to \$20 million per year (or up to 20 percent of each fiscal year's funds) in funding for hydrogen station development until at least 100 stations are operational. The Clean Transportation Program has an annual budget of approximately \$100 million and provides financial support for projects that:

- Reduce California's use and dependence on petroleum transportation fuels and increase the use of alternative and renewable fuels and advanced vehicle technologies.
- Produce sustainable alternative and renewable low-carbon fuels in California.
- Expand alternative fueling infrastructure and fueling stations.
- Improve the efficiency, performance, and market viability of alternative light-, medium-, and heavy-duty vehicle technologies.
- Retrofit medium- and heavy-duty on-road and non-road vehicle fleets to alternative technologies or fuel use.
- Expand the alternative fueling infrastructure available to existing fleets, public transit, and transportation corridors.
- Establish workforce training programs and conduct public outreach on the benefits of alternative transportation fuels and vehicle technologies.

The CEC issued GFO-20-601 entitled "Blueprints for Medium- and Heavy-Duty Zero-Emission Vehicle Infrastructure" under the CEC's Clean Transportation Program. To be eligible for funding under GFO-20-601, projects must also be consistent with the CEC's current Clean Transportation Program Investment Plan, updated annually. In response to GFO-20-601, the Recipient submitted Proposal #4, which was proposed for funding in the CEC's Notice of Proposed Awards on April 8, 2021. GFO-20-601 and the Recipient's aforementioned proposal are hereby incorporated by reference into this Agreement in their entirety.

In the event of any conflict or inconsistency between the terms of the Solicitation and the terms of the Recipient's Application, the Solicitation shall control. Similarly, in the event of any conflict or inconsistency between the terms of this Agreement and the terms of the Recipient's Application, the terms of this Agreement shall control.

PROBLEM STATEMENT

There is an urgent need to tackle climate change. Diesel truck exhaust contributes to global climate change and increases human health risks, while the alternatives to fossil fuels for medium-duty and heavy-duty (MD/HD) vehicles are not well known to most freight-related businesses.

The five county Central Coast region is one of the most important agricultural production areas of California – and includes manufacturing, food processing, and other freight-related business clusters, which are critical to the state's economy. In total, goods movement-dependent industries¹ provide approximately one third of jobs and account for more than \$13 billion of the \$52.4 billion gross regional product. These industries are reliant on trucks moving along the US 101 corridor – stretching 270 miles from Silicon Valley to the Los Angeles Basin, as well as east-west corridors from the coast to the San Joaquin Valley. To sustainably meet the needs of the region's growing population – projected to hit 1.7 million by 2030 – cost-efficient and zero-emission freight movement is essential.² To begin building this clean, all-electric future, the region has invested strongly in charging infrastructure for light-duty vehicles, and developed comprehensive plans for electrification in the light-duty segment. However, MD/HD trucks represent 39% of all transportation emissions in the region, and electrification of the critical MD/HD segment has been negligible to date. MD/HD electrification throughout the Central Coast region has been prevented by a combination of barriers, including a lack of a comprehensive strategic vision for MD/HD zero-emission vehicles (ZEVs) in the Central Coast region; a lack of product options in the MD/HD segment (until very recently) – especially in heavy goods movement and agricultural applications; high upfront costs for both ZEV charging infrastructure and vehicles -- and limited business models able to overcome first-cost barriers; limited utility and local planning integration to develop programs specific to MD/HD needs; and limited stakeholder engagement, specifically of fleet operators operating internal combustion engine fleets.

Recognizing these urgent and unmet needs, Central Coast Community Energy (3CE) will develop the *Central Coast Medium and Heavy-Duty ZEV Blueprint*, with the intention to catalyze the accelerated deployment of MD/HD ZEVs and ZEV charging infrastructure.

Goals of the Agreement:

¹Goods movement-dependent industries include manufacturing, retail trade, wholesale trade, construction, utilities, mining, transportation/warehousing, and agriculture.

²US 101 Central Coast California Freight Strategy Final Report, Cambridge Systematics, April 13, 2016, p. 3-2.

The goal of this Agreement is to develop a comprehensive and replicable strategic vision to accelerate deployment of MD/HD ZEVs in California's Central Coast region, which includes a Blueprint report addressing infrastructure needs, technology, finance, and education, and ensuring that this Blueprint is available to, and benefits, the public.

Objectives of the Agreement:

The objectives of this Agreement are to:

- Identify the actions and milestones needed for implementation of MD/HD ZEVs and ZEV charging and refueling infrastructure in the Central Coast region.
- Make the blueprint available to the public.
- Minimize the risks and uncertainties surrounding the design, permitting, planning, and financing of the ZEV infrastructure network through engagement.
- Analyze the combination of technologies and systems that offer the best mix of economic, environmental, and technical performance specific to the Central Coast region.
- Document actions or steps already adopted by the local jurisdictions and the impact of those actions or steps on the development of MD/HD ZEV infrastructure.
- Identify analytical tools, software applications, and data needed to improve future MD/HD ZEV infrastructure planning activities.
- Identify each task or area of responsibility required of the project partners and stakeholder groups to develop a replicable approach for fleets transitioning to zero-emission.
- Develop an outreach strategy tailored to local community, supported by education and outreach materials appropriate for potentially affected residents, in the languages needed for the community, to educate on the planning efforts and potential future impacts.
- Work with community colleges, regional community-based organizations (CBOs), and community leaders to develop workforce strategies that will enable training, education, and readiness for the local workforce to obtain the knowledge, skills, and ability to develop, support, and maintain the MD/HD ZEV fleets.
- Summarize the types of jobs that will be created for the local community.
- Identify goals to reduce GHG emissions, criteria air pollutants, and toxic air contaminants for the region, and local emitters that would need to be targeted.

- Identify the benefits that would accrue to disadvantaged communities (DACs), low-income communities, priority populations, and tribal lands to the maximum extent possible.

TASK 1 ADMINISTRATION

Task 1.1 Attend Kick-off Meeting

The goal of this task is to establish the lines of communication and procedures for implementing this Agreement. The Commission Agreement Manager (CAM) shall designate the date and location of this meeting and provide an agenda to the Recipient prior to the meeting.

The Recipient shall:

- Attend a "Kick-Off" meeting with the CAM, the Commission Agreement Officer (CAO), and a representative of the CEC Accounting Office. The Recipient shall bring their Project Manager, Agreement Administrator, Accounting Officer, and any others determined necessary by the Recipient or specifically requested by the CAM to this meeting.
- Discuss the following administrative and technical aspects of this Agreement:
 - Agreement Terms and Conditions
 - Critical Project Review (Task 1.2)
 - Match fund documentation (Task 1.6) No reimbursable work may be done until this documentation is in place.
 - Permit documentation (Task 1.7)
 - Subcontracts needed to carry out project (Task 1.8)
 - The CAM's expectations for accomplishing tasks described in the Scope of Work
 - An updated Schedule of Products and Due Dates
 - Monthly Progress Reports (Task 1.4)
 - Technical Products (Product Guidelines located in Section 5 of the Terms and Conditions)
 - Final Report (Task 1.5)

Recipient Products:

- Updated Schedule of Products
- Updated List of Match Funds
- Updated List of Permits

Commission Agreement Manager Product:

- Kick-Off Meeting Agenda

Task 1.2 Critical Project Review (CPR) Meetings

CPRs provide the opportunity for frank discussions between the CEC and the Recipient. The goal of this task is to determine if the project should continue to receive CEC funding to complete this Agreement and to identify any needed modifications to the tasks, products, schedule or budget.

The CAM may schedule CPR meetings as necessary, and meeting costs will be borne by the Recipient.

Meeting participants include the CAM and the Recipient and may include the CAO, the Fuels and Transportation Division (FTD) program lead, other CEC staff and Management as well as other individuals selected by the CAM to provide support to the CEC.

The CAM shall:

- Determine the location, date, and time of each CPR meeting with the Recipient. These meetings generally take place at the CEC, but they may take place at another location or remotely.
- Send the Recipient the agenda and a list of expected participants in advance of each CPR. If applicable, the agenda shall include a discussion on both match funding and permits.
- Conduct and make a record of each CPR meeting. Prepare a schedule for providing the written determination described below.
- Determine whether to continue the project, and if continuing, whether or not modifications are needed to the tasks, schedule, products, and/or budget for the remainder of the Agreement. Modifications to the Agreement may require a formal amendment (please see section 8 of the Terms and Conditions). If the CAM concludes that satisfactory progress is not being made, this conclusion will be referred to the Lead Commissioner for Transportation for his or her concurrence.
- Provide the Recipient with a written determination in accordance with the schedule. The written response may include a requirement for the Recipient to revise one or more product(s) that were included in the CPR.

The Recipient shall:

- Prepare a CPR Report for each CPR that discusses the progress of the Agreement toward achieving its goals and objectives. This report shall include recommendations and conclusions regarding continued work of the projects. This report shall be submitted along with any other products identified in this scope of work. The Recipient shall submit these documents to the CAM and any other designated reviewers at least 15 working days in advance of each CPR meeting.
- Present the required information at each CPR meeting and participate in a discussion about the Agreement.

CAM Products:

- Agenda and a list of expected participants
- Schedule for written determination
- Written determination

Recipient Product:

- CPR Report(s)

Task 1.3 Final Meeting

The goal of this task is to closeout this Agreement.

The Recipient shall:

- Meet with CEC staff to present the findings, conclusions, and recommendations. The final meeting must be completed during the closeout of this Agreement.

This meeting will be attended by, at a minimum, the Recipient, the Commission Grants Office Officer, and the CAM. The technical and administrative aspects of Agreement closeout will be discussed at the meeting, which may be two separate meetings at the discretion of the CAM.

The technical portion of the meeting shall present an assessment of the degree to which project and task goals and objectives were achieved, findings, conclusions, recommended next steps (if any) for the Agreement, and recommendations for improvements. The CAM will determine the appropriate meeting participants.

The administrative portion of the meeting shall be a discussion with the CAM and the Grants Officer about the following Agreement closeout items:

- What to do with any equipment purchased with CEC funds (Options)

- CEC request for specific “generated” data (not already provided in Agreement products)
- Need to document Recipient’s disclosure of “subject inventions” developed under the Agreement
- “Surviving” Agreement provisions
- Final invoicing and release of retention
- Prepare a schedule for completing the closeout activities for this Agreement.

Products:

- Written documentation of meeting agreements
- Schedule for completing closeout activities

Task 1.4 Monthly Progress Reports

The goal of this task is to periodically verify that satisfactory and continued progress is made towards achieving the objectives of this Agreement on time and within budget.

The objectives of this task are to summarize activities performed during the reporting period, to identify activities planned for the next reporting period, to identify issues that may affect performance and expenditures, and to form the basis for determining whether invoices are consistent with work performed.

The Recipient shall:

- Prepare a Monthly Progress Report which summarizes all Agreement activities conducted by the Recipient for the reporting period, including an assessment of the ability to complete the Agreement within the current budget and any anticipated cost overruns. Each progress report is due to the CAM within 10 days of the end of the reporting period. The recommended specifications for each progress report are contained in Section 6 of the Terms and Conditions of this Agreement.
- In the first Monthly Progress Report and first invoice, document and verify match expenditures and provide a synopsis of project progress, if match funds have been expended or if work funded with match share has occurred after the notice of proposed award but before execution of the grant agreement. If no match funds have been expended or if no work funded with match share has occurred before execution, then state this in the report. All pre-execution match expenditures must conform to the requirements in the Terms and Conditions of this Agreement.

Product:

- Monthly Progress Reports

Task 1.5 Final Report

The goal of the Final Report is to assess the project's success in achieving the Agreement's goals and objectives, advancing science and technology, and providing energy-related and other benefits to California.

The objectives of the Final Report are to clearly and completely describe the project's purpose, approach, activities performed, results, and advancements in science and technology; to present a public assessment of the success of the project as measured by the degree to which goals and objectives were achieved; to make insightful observations based on results obtained; to draw conclusions; and to make recommendations for further projects and improvements to the FTD project management processes.

The Final Report shall be a public document. If the Recipient has obtained confidential status from the CEC and will be preparing a confidential version of the Final Report as well, the Recipient shall perform the following activities for both the public and confidential versions of the Final Report.

The Recipient shall:

- Prepare an Outline of the Final Report.
- Prepare a Final Report following the latest version of the Final Report guidelines which will be provided by the CAM. The CAM shall provide written comments on the Draft Final Report within fifteen (15) working days of receipt. The Final Report must be completed at least 60 days before the end of the Agreement Term.
- Submit one copy of the Final Report with the final invoice.

Products:

- Outline of the Final Report
- Draft Final Report
- Final Report

Task 1.6 Identify and Obtain Matching Funds

The goal of this task is to ensure that the match funds planned for this Agreement are obtained for and applied to this Agreement during the term of this Agreement.

The costs to obtain and document match fund commitments are not reimbursable through this Agreement. Although the CEC budget for this task will be zero dollars, the Recipient may utilize match funds for this task. Match funds shall be spent concurrently or in advance of CEC funds for each task during the term of this Agreement. Match funds must be identified in writing and the associated commitments obtained before the Recipient can incur any costs for which the Recipient will request reimbursement.

The Recipient shall:

- Prepare a letter documenting the match funding committed to this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If no match funds were part of the proposal that led to the CEC awarding this Agreement and none have been identified at the time this Agreement starts, then state such in the letter. If match funds were a part of the proposal that led to the CEC awarding this Agreement, then provide in the letter a list of the match funds that identifies the:
 - Amount of each cash match fund, its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied.
 - Amount of each in-kind contribution, a description, documented market or book value, and its source, including a contact name, address and telephone number and the task(s) to which the match funds will be applied. If the in-kind contribution is equipment or other tangible or real property, the Recipient shall identify its owner and provide a contact name, address and telephone number, and the address where the property is located.
- Provide a copy of the letter of commitment from an authorized representative of each source of cash match funding or in-kind contributions that these funds or contributions have been secured. For match funds provided by a grant a copy of the executed grant shall be submitted in place of a letter of commitment.
- Discuss match funds and the implications to the Agreement if they are reduced or not obtained as committed, at the kick-off meeting. If applicable, match funds will be included as a line item in the progress reports and will be a topic at CPR meetings.
- Provide the appropriate information to the CAM if during the course of the Agreement additional match funds are received.
- Notify the CAM within 10 days if during the course of the Agreement existing match funds are reduced. Reduction in match funds must be approved through a formal amendment to the Agreement and may trigger an additional CPR meeting.

Products:

- A letter regarding match funds or stating that no match funds are provided
- Copy(ies) of each match fund commitment letter(s) (if applicable)
- Letter(s) for new match funds (if applicable)

- Letter that match funds were reduced (if applicable)

Task 1.7 Identify and Obtain Required Permits

The goal of this task is to obtain all permits required for work completed under this Agreement in advance of the date they are needed to keep the Agreement schedule on track.

Permit costs and the expenses associated with obtaining permits are not reimbursable under this Agreement. Although the CEC budget for this task will be zero dollars, the Recipient shall budget match funds for any expected expenditures associated with obtaining permits. Permits must be identified in writing and obtained before the Recipient can make any expenditure for which a permit is required.

The Recipient shall:

- Prepare a letter documenting the permits required to conduct this Agreement and submit it to the CAM at least 2 working days prior to the kick-off meeting. If there are no permits required at the start of this Agreement, then state such in the letter. If it is known at the beginning of the Agreement that permits will be required during the course of the Agreement, provide in the letter:
 - A list of the permits that identifies the:
 - Type of permit
 - Name, address and telephone number of the permitting jurisdictions or lead agencies
 - The schedule the Recipient will follow in applying for and obtaining these permits.
- Discuss the list of permits and the schedule for obtaining them at the kick-off meeting and develop a timetable for submitting the updated list, schedule and the copies of the permits. The implications to the Agreement if the permits are not obtained in a timely fashion or are denied will also be discussed. If applicable, permits will be included as a line item in the Progress Reports and will be a topic at CPR meetings.
- If during the course of the Agreement additional permits become necessary, provide the appropriate information on each permit and an updated schedule to the CAM.
- As permits are obtained, send a copy of each approved permit to the CAM.
- If during the course of the Agreement permits are not obtained on time or are denied, notify the CAM within 5 working days. Either of these events may trigger an additional CPR.

Products:

- Letter documenting the permits or stating that no permits are required
- A copy of each approved permit (if applicable)
- Updated list of permits as they change during the term of the Agreement (if applicable)
- Updated schedule for acquiring permits as changes occur during the term of the Agreement (if applicable)
- A copy of each final approved permit (if applicable)

Task 1.8 Obtain and Execute Subcontracts

The goal of this task is to ensure quality products and to procure subcontractors required to carry out the tasks under this Agreement consistent with the Agreement Terms and Conditions and the Recipient's own procurement policies and procedures. It will also provide CEC an opportunity to review the subcontracts to ensure that the tasks are consistent with this Agreement, and that the budgeted expenditures are reasonable and consistent with applicable cost principles.

The Recipient shall:

- Manage and coordinate subcontractor activities.
- Submit a draft of each subcontract required to conduct the work under this Agreement to the CAM for review.
- Submit a final copy of the executed subcontract.
- If Recipient decides to add new subcontractors, then the Recipient shall notify the CAM.

Products:

- Letter describing the subcontracts needed, or stating that no subcontracts are required
- Draft subcontracts
- Final subcontracts

TECHNICAL TASKS**TASK 2 COMMUNITY AND STAKEHOLDER ENGAGEMENT**

The goal of this task is to bring together industry participants, stakeholders, and advocates to foster productive dialogue and effective planning focused on accelerated deployment of MD/HD ZEV infrastructure and vehicles to support a new paradigm in clean transportation.

Task 2.1: Plan Community and Stakeholder Engagement

The goal of this task is to plan the public engagement and the intended outcomes and chart a path to make the long-term ZEV ambition a reality in the MD/HD truck markets.

The Recipient shall:

- Prepare a *Community and Stakeholder Engagement Plan* and submit it to the CAM. It will include, but not be limited to, a detailed description of the following:
 - Purpose of engagement with local communities and stakeholders.
 - Description and list of outreach targets.
 - Strategies to engage the communities and stakeholders.
 - Education and outreach materials appropriate for residents, in the languages needed for the community.
 - Desirable outcomes of the outreach by stakeholder segment.

Products:

- Community and Stakeholder Engagement Plan (Draft)
- Community and Stakeholder Engagement Plan (Final)

Task 2.2: Stakeholder Engagement and Education

The goals of this task are to engage the stakeholders identified in the Community and Stakeholder Engagement Plan and to distribute education and outreach materials for communication to local communities and stakeholders.

The Recipient shall:

- Prepare a *Survey and Interview Results Report* and provide a copy to the CAM, that includes:
 - List of survey questions.
 - Distributed surveys.
 - A List of Individual Interview Questions.
 - Conducted qualitative interviews of key fleet stakeholders.
 - Analysis of the survey responses.
- Distribute *Outreach and Education Materials* to support engagement and outreach efforts, in multiple languages as applicable. Provide a copy of materials to the CAM.
- Coordinate *System and Technology Presentations* and information sharing. Provide a copy of the presentations to the CAM.
- Produce and record Outreach Webinars for MD/HD Fleet Operators.
 - One webinar each customized for:

- Transit agencies.
 - School fleets.
 - Other MD/HD fleets.
- Write a one-page *Press Release (or similar) on each Outreach Webinar for MD/HD Fleet Operators*. Send a copy of each press release (or similar document) to the CAM.
- Post, at a minimum, one webinar recording on a website for the public to access. Send the CAM the website address(es) in a *Written Notification of Webinar Recording*.
- Execute the Community and Stakeholder Engagement Plan.
- Write a *Community and Stakeholder Engagement Report* and submit it to the CAM, that includes, but is not limited to, the following:
 - Organizations, companies, and stakeholders that received outreach.
 - Tally outreach outcomes (such as: engaged in dialogue, declined to participate, did not respond).
 - Overview of topics discussed.
 - Summary of the key findings aggregated by stakeholder segment.
 - Include quantitative metrics.
 - Identify analytical tools, software applications, and data needed to improve future MD/HD ZEV infrastructure planning activities.
 - Identify existing workforce development strategies to maintain the MD/HD ZEV fleets.

Products:

- Survey and Interview Results Report
- Outreach and Education Materials
- Press Release about Outreach Webinar for MD/HD Fleet Operators
- Written Notification of Webinar Recording
- System and Technology Presentations
- Community and Stakeholder Engagement Report (Draft)
- Community and Stakeholder Engagement Report (Final)

Task 2.3 Local Advisors

The goal of this task is to gather regionally specific guidance from community stakeholders to minimize the risks and uncertainties surrounding the design, permitting, planning, and funding.

The Recipient shall:

- Form the Central Coast ZEV Blueprint Technical Advisory Council (TAC) to inform ZEV planning activities.
 - Identify and invite community and industry leaders with a shared commitment to transportation electrification.
 - Prepare a *List of TAC Members* and submit to the CAM.
- Host two TAC meetings to facilitate both strategic and deliverable specific input on the Blueprint planning process.
 - Analyze the combination of technologies and systems that offer the best mix of economic, environmental, and technical performance specific to the project/region.
 - Compile the *Attendance List and Agenda* for each TAC Meeting and submit to the CAM within two days of the meeting.
 - Write two *TAC Meeting Reports* summarizing the key outcomes of each meeting and provide a list of action items for the Blueprint team to inform future engagement, or specific revisions to key deliverables. Submit these reports to the CAM within 15 days of each TAC meeting.
- Invite qualified businesses to participate in an EV Finance Advisory Team.
 - Prepare a *List of EV Finance Advisory Team Members* and submit to the CAM.

Products:

- List of Central Coast ZEV Blueprint Technical Advisory Council Members
- TAC Meeting One Attendance List and Agenda
- TAC Meeting Two Attendance List and Agenda
- TAC Meeting Report #1
- TAC Meeting Report #2
- List of EV Finance Advisory Team Members

Task 2.4 Central Coast Transportation Electrification Clearinghouse (CCTEC)

The goal of this task is to launch the CCTEC to assist major fleets in overcoming cost challenges with transportation electrification. The CCTEC will bring together industry, public agencies, and community leaders with 3CE and consultants to design and develop projects and determine the large-scale funding needed to accelerate implementation of the MD/HD electrification goals articulated in the Blueprint.

The Recipient shall:

- Engage CCTEC team including industry members, public agencies, and community leaders.
- Prepare and provide to the CAM a *Central Coast Transportation Electrification Clearinghouse Action Plan* that represents the findings of the CCTEC and includes, but is not limited to:
 - List of CCTEC participants.

- Strategies for alignment of public and private funding.
- Resource development on behalf of regional stakeholders.
- Strategies for building awareness.
- Prioritizing MD/HD electrification initiatives by highest-impact identified by the CCTEC.
- Ensuring that electric vehicle initiatives are included in the local:
 - Transportation infrastructure.
 - Climate-related planning frameworks.
 - Bond issues.
- Prepare a *Funding Opportunity Report*, and submit to the CAM, that includes the following items:
 - Identifying successful public/private finance strategies.
 - Illustrates two or more electric vehicle infrastructure project financing approaches.

Products:

- Central Coast Transportation Electrification Clearinghouse Action Plan (Draft)
- Central Coast Transportation Electrification Clearinghouse Action Plan (Final)
- Funding Opportunity Report

[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

TASK 3 BLUEPRINT DEVELOPMENT

The goal of this task is to gather the information necessary to develop a replicable and actionable Blueprint that guides future investment into MD/HD ZEV infrastructure.

Task 3.1 MD/HD EV and EV Infrastructure Goals and Installation Timeline and Siting Map(s)

The Recipient shall:

- Identify the actions and milestones needed for implementation of MD/HD ZEVs and electric vehicle service equipment (EVSE) charging and siting assessment.
- Develop quantitative goals and specific MD/HD electric vehicle and electric vehicle goals and summarize in a *MD/HD Electric Vehicle and Electric Vehicle Infrastructure Goals Report*. This report will, at minimum:
 - Document actions or steps already adopted by the local jurisdiction and the impact of those actions or steps on the development of MD/HD ZEV infrastructure.
 - Assess the locations and MD/HD access to existing infrastructure throughout the region.

- Identification of MD/HD vehicle usage and driving patterns to maximize and optimize the type and placement of ZEV infrastructure.
- Identify actions that support lowest-carbon movement of goods and bulk cargo throughout the region.
- Identify areas of responsibility required of the project partners and stakeholder groups to develop a replicable approach for fleets transitioning to zero-emission.
- Provide *MD/HD Electric Vehicle and Electric Vehicle Infrastructure Goals Report* to the CAM.
- Develop an *EVSE Location Decision Matrix*. The Matrix will:
 - Describe optimal characteristics for ZEV infrastructure siting.
 - Define a phased approach to infrastructure deployment.
- Provide *EVSE Location Decision Matrix* to the CAM.
- Develop *MD/HD EV Charging Installation Timeline* that describes realistic EVSE deployment at key sites identified in the MD/HD Electric Vehicle and Electric Vehicle Goals Report. Provide a copy to the CAM.
- Develop *Maps of Optimal Locations for MD/HD EV Charging*. Provide a copy to the CAM.

Products

- MD/HD Electric Vehicle and EV Infrastructure Goals Report
- EVSE Location Decision Matrix (Draft)
- EVSE Location Decision Matrix (Final)
- EV Charging Installation Timeline
- Maps of Optimal Locations MD/HD Charging Infrastructure (Draft)
- Maps of Optimal Locations MD/HD Charging Infrastructure (Final)

Task 3.2 Projected Electrification Impacts and Stakeholder Benefit Report

The Recipient shall:

- Develop a *Projected Electrification Impacts and Stakeholder Benefit Report* and submit to CAM. The report will, at minimum:
 - Summarize the types of jobs that will be created for the local community and regional industries.
 - Chart potential MD/HD electrification impact against existing goals to reduce GHG emissions, criteria air pollutants, and toxic air contaminants for the region, and the emitters at the local level that would need to be targeted to reach those goals.
 - Identify the benefits that would accrue to priority populations.

- Identify qualitative and quantitative metrics beyond project location to evaluate the effects of projects on local communities.
- Identify economic, health and safety and consumer benefits that will accrue to DAC³ and priority populations⁴ in the 3CE service territory.

Products:

- Projected Electrification Impacts and Stakeholder Benefit Report (Draft)
- Projected Electrification Impacts and Stakeholder Benefit Report (Final)

Task 3.3 Central Coast Fleet Electrification Case Study

The Recipient shall:

- Develop a *Central Coast Fleet Electrification Case Study* that documents the fleet electrification experience of three Central Coast fleet operators of MD/HD vehicles including electric freight/delivery trucks, electric transit, and electric school buses. Provide a copy to the CAM.
- Distribute the Case Study through the 3CE website, social media, and direct outreach to Central Coast fleet operators, as well as through posting on the websites of allied alternative fleet organizations.

Products:

- Central Coast Fleet Electrification Case Study (Draft)
- Central Coast Fleet Electrification Case Study (Final)

[CPR WILL BE HELD IN THIS TASK. See Task 1.2 for details]

TASK 4 PROJECT FACT SHEET

The goal of this task is to develop an initial and final project fact sheet that describes the CEC-funded project and the benefits resulting from the project for the public and key decision makers.

The Recipient shall:

- Prepare an Initial Project Fact Sheet at start of the project that describes the project and the expected benefits. Use the format provided by the CAM.

³ Disadvantaged Communities. For the purposes of this solicitation, DACs are defined as communities scoring in the top 25th percentile according to the most recent California Communities Environmental Health Screening Tool: CalEnviroScreen Version 3.0 (<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>)

⁴ For the purposes of this solicitation, priority populations include residents of (1) census tracts identified as disadvantaged by California Environmental Protection Agency per SB 535, (2) census tracts identified as low-income per AB1550, or (3) a low-income household per AB 1550. The following web link provides interactive maps to aid in determining geographic eligibility for disadvantaged and low-income community designation: www.arb.ca.gov/cc-communityinvestments.

- Prepare a Final Project Fact Sheet at the project's conclusion that describes the project, the actual benefits resulting from the project, and lessons learned from implementing the project. Use the format provided by the CAM.
- Provide at least six high quality digital photographs (minimum resolution of 1300x500 pixels in landscape ratio) from the project.

Products:

- Initial Project Fact Sheet
- Final Project Fact Sheet
- High Quality Digital Photographs

TASK 5 BLUEPRINT

The goal of this task is to develop a comprehensive and replicable Blueprint for the Central Coast region to accelerate the deployment of MD/HD ZEVs and ZEV infrastructure that can be shared with key stakeholders to reduce uncertainty of costs and risk for fleets seeking to transition to zero-emission.

The Recipient shall:

- Prepare a *Blueprint Outline* and submit to CAM.
- Incorporate feedback provided by the CAM and other key stakeholders.
- Prepare and post the *Central Coast ZEV MD/HD Blueprint* that includes, but is not limited to, the following:
 - Stakeholders and organizations that contributed.
 - Central Coast region's local MD/HD fleet infrastructure needs and timelines for implementation, including planning and construction.
 - Workforce development strategies, opportunities, and requirements.
 - Types of jobs available to the community.
 - Benefits to and impacts on DACs, low-income communities, tribal communities, and other priority populations as identified.
 - Existing regional Central Coast EVSE network and planned EVSE deployment locations.
 - Strategic alignment of public and private funding.
 - Key electric vehicle infrastructure project financing approaches.
 - Summaries of case studies.
- Summary of recommendations and findings in order to meet the goals identified in the MD/HD Electric Vehicle and Electric Vehicle Goals Report. Make the Blueprint available to the public. Provide the CAM with a written

notice of the webpage Link to the published Central Coast ZEV MD/HD Blueprint Report.

Products:

- Blueprint Outline
- Draft Central Coast ZEV MD/HD Blueprint
- Final Central Coast ZEV MD/HD Blueprint
- Link to the published Central Coast ZEV MD/HD Blueprint Report

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

RESOLUTION: CENTRAL COAST COMMUNITY ENERGY

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

RESOLVED, that the CEC approves Agreement ARV-21-031 with Central Coast Community Energy for a \$200,000 grant to develop the Central Coast Community Energy MD/HD ZEV Blueprint to accelerate the deployment of MD/HD ZEVs and related fueling infrastructure throughout California's Central Coast region; and

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

CERTIFICATION

The undersigned Secretariat to the CEC does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the CEC held on November 15, 2021.

AYE:

NAY:

ABSENT:

ABSTAIN:

Liza Lopez
Secretariat