



GFO-22-614 Pre-Application Workshop

Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0 (REACH 2.0)

Fuels and Transportation Division
May 11, 2023 | 10:00 a.m.



Workshop Agenda

- Welcome and Introductions
 - Diversity Survey
 - Empower Innovation
 - Clean Transportation Program
- Solicitation Overview
 - Process
 - Purpose
 - Eligibility and Requirements
- Application Components
- Application Evaluation
- Application Submittal
 - New Process: Energy Commission Agreement Management System (ECAMS)
- Questions & Answers
- Next Steps
- Adjourn

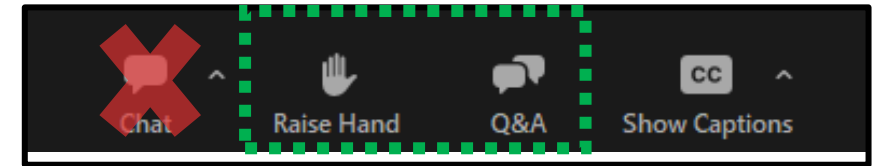


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Housekeeping

- Workshop is recorded on Zoom
- [Grant Funding Opportunity Webpage:](https://www.energy.ca.gov/solicitations/2023-04/gfo-22-614-reliable-equitable-and-accessible-charging-multi-family-housing-20)
<https://www.energy.ca.gov/solicitations/2023-04/gfo-22-614-reliable-equitable-and-accessible-charging-multi-family-housing-20>
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer:
Eilene Cary, email: eilene.cary@energy.ca.gov
Subject: GFO-22-614
Q&A Deadline: Wednesday, May 24, 2023, by 5:00 PM





Commitment to Diversity

The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state;
- Notify potential new applicants about the CEC's funding opportunities;
- Assist applicants in understanding how to apply for funding from the CEC's programs;
- Survey participants to measure progress in diversity outreach efforts.



Diversity Survey



Scan the code on a phone or tablet with a QR reader to access the survey.

One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey

Survey will be closed at the end of the day

Survey Link: <https://forms.office.com/g/WhdzD7CdAi>



Find Partners on EmpowerInnovation.net

Empower Innovation aims to accelerate your clean tech journey with easy access to funding opportunities from the Energy Commission and others, resources and events, and connections to people and organizations

www.empowerinnovation.net

FIND A PARTNER

Announce your interest in funding opportunities and message potential project partners directly.

RESOURCES & TOOLS

Browse the collection of resources including Resource Libraries, Funding Sources, Tools, and Databases.



Clean Transportation Program

- Established in 2007 by Assembly Bill 118 (2007)
- Extended to January 1, 2024, by Assembly Bill 8 (2013)
- Provides approximately \$95 million of funding per year through 2023
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development

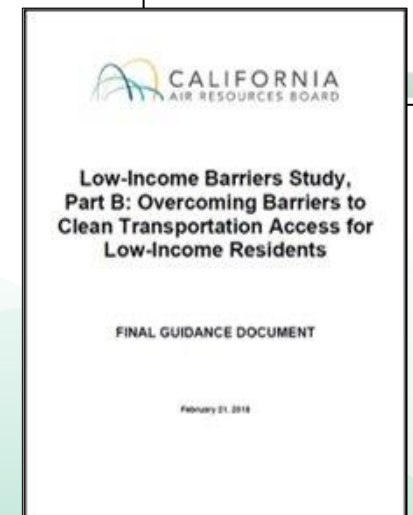
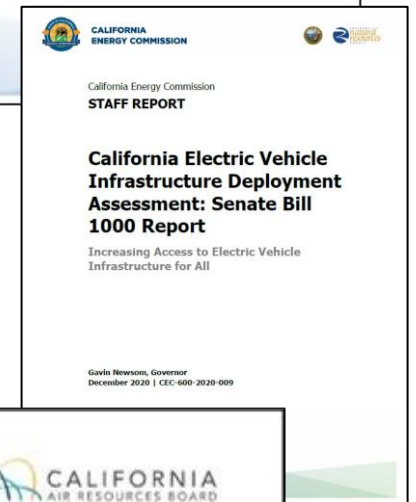


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Policy Drivers

- 2022-2023 Investment Plan Update for the Clean Transportation Program
- Assembly Bill 2127 Electric Vehicle Charging Infrastructure Assessment – Analyzing Charging Needs to Support Zero-Emission Vehicles in 2030
- California Electric Vehicle Infrastructure Deployment Assessment: Senate Bill 1000 Report
- Senate Bill 350 Low-Income Barriers Study, Part B: Overcoming Barriers to Clean Transportation Access for Low-Income Residents
- Executive Order N-79-20





Solicitation Overview

Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0
(REACH 2.0)



Solicitation Process





Purpose of Solicitation

- Competitive grant solicitation
- Projects for multi-family housing (MFH) residents that will:
 - ✓ Increase electric vehicle charging access
 - ✓ Enable greater plug-in electric vehicle adoption
 - ✓ Demonstrate replicable/scalable business and technology models for large-scale charging deployment



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Available Funding and Minimum/Maximum Award

- A total of \$20,000,000 is available under this solicitation
- *The maximum grant award per project is \$5,000,000*





Project Areas

Each project shall be in one project area only.

	Project Area	Counties
1	Northern California	Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Glenn, Fresno, Humboldt, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Mono, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba
2	Southern California	Imperial, Inyo, Kern, Kings, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Tulare, and Ventura



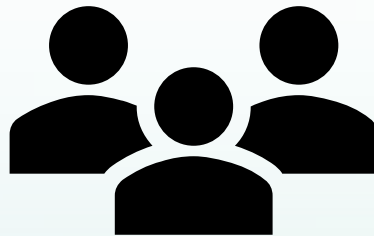
Applications and Awards

- Two (2) applications allowed per applicant
 - One (1) application per Project Area
- The CEC will screen and score applications
- The highest ranked project in each Project Area with at least the minimum passing score will be recommended for funding
- The project with the next highest overall ranking and at least the minimum passing score will be recommended for funding until all funds available under this solicitation are exhausted
- If remaining solicitation funds are insufficient to fully fund a grant proposal, the CEC reserves the right to recommend partially funding that proposal



Eligible Applicants

- All public and private entities
- Applicants must accept the Terms and Conditions, without negotiation
- Applicants are required to register with the California Secretary of State and be in good standing to enter into an agreement with the CEC





Project Requirements

All projects must:

- Demonstrate a business and technology model that will specifically serve MFH residents
- Install at least 100 [~~chargers~~] **charging ports** (L1 & L2)
- Serve at least 100 MFH units



Photo credit: MS 365 Commons



Project Requirements

All projects must fall below these cost caps:

- Outreach: \$300 per [~~charging station~~]
charging port
- Level 1: \$6,250 **per charging port**
-
- [~~Level 2: \$25,000~~]
- **Level 2: \$12,500 per charging port**



Photo credit: [Open Standards Opportunities Electric Vehicle Charging Technology](#)



Project Requirements – Serving Underserved Communities

- At least **50%** of a project's EV chargers must be installed within disadvantaged communities and/or low-income communities
- Use California Air Resources Board's [California Climate Investments Priority Populations 2022 CES 4.0 map](https://webmaps.arb.ca.gov/PriorityPopulations/) (<https://webmaps.arb.ca.gov/PriorityPopulations/>) to identify disadvantaged communities and/or low-income communities





Eligible Projects

Eligible projects can:

- Install chargers at-home, near-home, or a combination of at-home and near-home (see pp. 10-11 for definitions)
- Install Level 1, Level 2, or mobile chargers, or combinations of these
- For near-home installations:
 - Level 1 or Level 2 chargers must be within ¼ mile of the MFH being served



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Eligible Projects, Cont.

Projects must:

- Install chargers in one Project Area only
- Comply with Electric Vehicle Infrastructure Training Program (EVITP) requirements (Assembly Bill 841, Ting, 2020)
- Maintain at least 97% uptime for six years after commissioning
- Meet customer service requirements if chargers are public
- Collect, analyze, and report data as specified in the Scope of Work



Project Costs

Eligible project costs include:

- Electric vehicle supply equipment (EVSE)
- Transformers, electric panels, conduit, wiring, meters
- Distributed energy resources or energy storage equipment/systems capable of providing independent or supplemental power to the EV chargers
- Photovoltaic solar panels separately metered for electric vehicle charging
- Installation costs
- Planning, engineering, & design costs
- Stub-outs
- Demand management equipment
- Engagement and outreach to MFH property owners and residents (no more than \$300 per charging station)
- Extended warranty or agreement for operation, maintenance, or servicing of equipment

Ineligible project costs include:



- Standard outlets (110/120 volt to 208/240 volt)
- Vehicle purchases
- Distribution grid or other equipment costs that are otherwise covered by other means
- Utility service upgrade costs covered by the utility
- Processes to comply with otherwise applicable legal requirements
- Paper studies or research projects



Charging Equipment Requirements

- Different requirements for Level 1 and Level 2 chargers
- Examples:
 - Requirements for CCS or SAE J1772 standard cords
 - Charger durability in weather conditions
- **See solicitation manual for complete list of charging equipment requirements**





Match Funding

- All projects require a 20% match share
- Projects that propose to install 90% (or greater) of the project's EV chargers in disadvantaged communities, low-income communities, or MFH affordable housing site are NOT required to provide match share funds

Examples of Maximum Grant Awards

Type of EVSE/Project	Grant Award	Match Funding	Total Project Cost	Grant Award / Total Project Cost
Level 1 and/or Level 2	\$4,000,000	\$800,000	\$4,800,000	80%
Level 1 and/or Level 2 (≥90% in DAC/LIC/Affordable)	\$5,000,000	\$0	\$5,000,000	100%



Application Components

Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0
(REACH 2.0)



Application Organization (p. 24)

Item	Action Needed by Applicant
Project Narrative	Create document
Scope of Work (Attachment 1)	Complete the attachment
Schedule of Products and Due Dates (Attachment 3)	Complete the attachment
Proposal Budget (Attachment 4)	Complete the attachment OR Key directly into ECAMS (Major Recipient ONLY)*
Resumes	Create document(s)
Contact List (Attachment 5)	Complete the attachment
Letters of Support/Commitment	Create document(s)
CEQA Worksheet (Attachment 6)	Complete the attachment
Localized Health Impacts Information Form (Attachment 7)	Complete the attachment
Past Performance Reference Form(s) (Attachment 8)	Complete the attachment(s)
<i>Scope of Work Instructions (Attachment 2)</i>	<i>None</i>
<i>Special Terms & Conditions for Tribes (Attachment 9)</i>	<i>None</i>



General Application Information

- With the new ECAMS application process, Applicants will input application information directly into the web platform
- Sign up at: <https://ecams.energy.ca.gov/s/login/>

A screenshot of the login page for the Energy Commission Agreement Management System. The page features a blue header with the California Energy Commission logo and navigation icons. Below the header, the title "Energy Commission Agreement Management System" is displayed. The login form consists of two input fields: "Username" and "Password". A blue "Log in" button is positioned below the password field. At the bottom of the form, there are two links: "Forgot your password?" and "New User Sign Up?".

Energy Commission Agreement Management System

Username

Password

Log in

[Forgot your password?](#) [New User Sign Up?](#)



Project Narrative

- **Applicants must submit a project narrative**
- 25-page limit
- Use 11-point font, single-spaced and a blank line between paragraphs
- Include page numbers
- **Project Narrative must address each scoring criterion described in the Evaluation Criteria (pp. 41-45)**

a. **Project Implementation**

1) Describe the business and technology model of EV charger deployment to serve MFH residents that the project will demonstrate and test. Include project information including the number of residential units to be served, the project

E. EVALUATION CRITERIA

Criterion	Possible Points
1. Project Implementation Applications will be evaluated on the degree to which: <ul style="list-style-type: none"> • The project will achieve the purpose of this solicitation. • The project will demonstrate a clearly defined business and technology model of EV charger deployment to specifically serve MFH residents 	35



Table of Contents (Project Narrative)

- The Project Narrative must include a Table of Contents
- Table of Contents will not count towards the 25-page limit

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Scope of Work (Attachment 1)

- Applicants must complete Attachment 1
- Describe exactly what the project will do
- Identify what will be delivered to the CEC
- Be sure to include in the technical tasks:
 - At least one product deliverable per task.

**Attachment 1
Exhibit A
SCOPE OF WORK**

TECHNICAL TASK LIST

<Insert the Task numbers and Task names for your Agreement. Applicants may leave the CPR column blank.>

Task #	CPR	Task Name
1		Administration
2		<Insert Task Name>
3		<Insert Task Name>
<Etc.>		<Insert Task Name>
<Third to Last Task>		Operations and Reliability
<Second to Last Task>		Data Collection and Analysis
<Last Task>		Project Fact Sheet

KEY NAME LIST

<Insert the Task numbers and the Key names for each Task in your Project. Include Key names only if the value of the project would significantly change without those personnel, subcontractors, or partners. Add additional lines as needed. Alternatively, you may delete this table if there are no key names.>

Task #	Key Personnel	Key Subcontractor(s)	Key Partner(s)
1	<Name>	<Name>	<Name>
2	<Name>	<Name>	<Name>
3	<Name>	<Name>	<Name>
<Etc.>	<Name>	<Name>	<Name>

GLOSSARY



Schedule of Products and Due Dates (Attachment 3)

- Applicants must complete Attachment 3
- Add tasks and product deliverables that correspond to the Scope of Work
- Provide realistic dates on when product deliverables can be completed

Schedule of Products and Due Dates

Task Number	Task Name	Product(s)	Due Date
1.1	Attend Kick-off Meeting		
		Updated Schedule of Products	<Insert Date>
		Updated List of Match Funds	<Insert Date>
		Updated List of Permits	<Insert Date>
		Written Statement of Match Share Activities	<Insert Date>
	Kick-Off Meeting Agenda (CEC)	<Insert Date>	
1.2	Critical Project Review Meetings		
		CPR Report	<Insert Date>
	1st CPR Meeting	CPR Meeting Agenda (CEC)	<Insert Date>
		Schedule for written determination (CEC)	<Insert Date>
		Written determination (CEC)	<Insert Date>
	<Utilize same products as 1st CPR Meeting>	<Insert Date>	
	<Utilize same products as 1st CPR Meeting>	<Insert Date>	
1.3	Final Meeting		
		Written documentation of meeting agreements	<Insert Date>
		Schedule for completing closeout activities	<Insert Date>
1.4	Monthly Calls		
		Email to CAM concurring with call summary notes	Within 5 days of receipt
1.5	Quarterly Progress Reports		
		Quarterly Progress Reports	10th calendar day of each January, April, July, and October during the approved term of this Agreement
1.6	Final Report		
		Final Outline of the Final Report	<Insert Date>
		Draft Final Report	<Insert Date>
		Final Report (no less than 60 days before the end term of the agreement)	<Insert Date>
1.7	Identify and Obtain Match Funds		
		A letter regarding match funds or stating that no match funds are provided	<Insert Date>
		Copy(ies) of each match fund commitment letter(s) (if applicable)	<Insert Date>
			Within 10 days of



Proposal Budget (Attachment 4)

- **OPTION 1**
- Applicants complete Attachment 4
- Follow Budget Instructions
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the [CEC ECAMS Resources](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) webpage at: <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>

PROPOSAL BUDGET			
Category Budget			
Grant Funding Number	GFO-22-614		
Name of Organization	Organization name here		
Select Recipient or Subrecipient			
Select your organization's California Business Certifications			
Cost Category	CEC Share	Match Share	Total
Direct Labor	\$ -	\$ -	\$ -
Fringe Benefits	\$ -	\$ -	\$ -
Total Labor	\$ -	\$ -	\$ -
Travel	\$ -	\$ -	\$ -
Equipment	\$ -	\$ -	\$ -
Materials/Miscellaneous	\$ -	\$ -	\$ -
Subrecipients/Vendors	\$ -	\$ -	\$ -
Total Other Direct Costs	\$ -	\$ -	\$ -
Indirect Costs	\$ -	\$ -	\$ -
Profit <small>(not allowed for grant recipients)</small>	\$ -	\$ -	\$ -



Proposal Budget (ECAMS Entry)

- **OPTION 2**
- Applicants enter budget information directly into ECAMS for Major Recipient ONLY
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the [CEC ECAMS Resources](https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources) webpage at: <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>

The screenshot shows a summary table for Direct Labor. It has two sections: 'Direct Labor Hourly (0)' and 'Direct Labor Monthly (0)'. Each section has a table with columns: JOB CLASSIFICATION, LABOR RATE (\$ PER HOUR), # OF HOURS, RATE X HOURS, CEC SHARE VALUE, MATCH SHARE VALUE, and TOTAL. Both sections show 'No data returned'.

The screenshot shows the 'Direct Labor - Hourly' form. It has input fields for Job Classification, Highest Estimated Labor Rate (\$ per hour), # of Hours, *CEC Share Value, and *Match Share Value. There are checkboxes for 'Include Indirect Cost', 'Include Profit', and 'Add more Direct Labor'. The 'Match Share Value' field is highlighted with an orange box. There are 'Cancel' and 'Save' buttons at the bottom right.



Resumes

- Applicants must include resumes for key personnel identified in the application
- Resumes are limited to a maximum of 2 pages each

FIRST LASTNAME

Construction Worker
Seattle, WA
firstlast@email.com
555-555-5555

Effective at using forklift's, hand trucks and pallet jacks to move merchandise. Skilled at inspecting stock, tagging product and updating computer tracking systems. Well-versed in warehouse operations, inventory audits and loading and unloading procedures.

Eligible to work for any employer in the U.S.

WORK EXPERIENCE

Construction Worker

NewCompany January 2018 to Present

Unpacked and assembled all new merchandise using variety of power tools and lean manufacturing. Heavy Lifting, Measuring, Organize Building Materials, Read and Interpret Drawings, Safety, Supported technicians in equipment maintenance and repair, Organized Warehouse Operations.

Crew Lead

CompanyCo, Inc July 2017 to December 2017

Trained employees so that they were well-educated in time management and the proper ways to complete their job duties. Utilized all machinery and equipment while observing various safety precautions and practices. Ensured that job tasks were completed to standards and in accordance with company guidelines. Maintained the job site on a daily basis and checked to see that all trash and refuse was removed. Completed daily forklift safety checklists. Located proper slots on storage racks and set pallets in place with forklift and pallet jack.

EDUCATION

High school or equivalent

Ged Program - NewCity, NC
April 2015 to February 2016



Contact List (Attachment 5)

- Applicants must complete Attachment 5
- Include the appropriate points of contact under the Recipient column
- The CEC will complete the CEC points of contact during agreement development

Attachment 05 CONTACT LIST

Please complete the information in the "Recipient" column.

California Energy Commission	Recipient
Commission Agreement Manager: (TBD by Commission) California Energy Commission 715 P Street, MS-6 Sacramento, CA 95814 Phone: (916) XXX-XXXX e-mail:	Project Manager: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Commission Agreement Officer: California Energy Commission Contracts, Grants, and Loans Office 715 P Street Sacramento, CA 95814 Phone: (916) 767-4991	Administrator: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Accounting Office: California Energy Commission Accounting Office 715 P Street Sacramento, CA 95814 e-mail: invoices@energy.ca.gov	Accounting Officer: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:
Legal Notices: Tatyana Yakshina Grants Manager California Energy Commission 715 P Street, MS-18 Sacramento, CA 95814 Phone: (916) 827-9294 e-mail: tatyana.yakshina@energy.ca.gov	Recipient Legal Notices: Name Company Name Street Address City, State ZIP Phone: (XXX) XXX -XXXX Fax: (XXX) XXX -XXXX e-mail:



Letters of Support/Commitment

- Applicants must include certain Commitment Letters
 - From entities or individuals that are committing match funding
 - From key project partners contributing to the project
- Support letters are optional
- 2-page limit per letter





CEQA Worksheet (Attachment 6)

- Applicants must submit a completed Attachment 6
- The CEC requires this information to assist with our CEQA determinations

ATTACHMENT 6

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) WORKSHEET

The California Environmental Quality Act (CEQA) (Public Resources Code §§ 21000 et seq.) requires public agencies to identify the significant environmental impacts of their actions and to avoid or mitigate them, if feasible.¹ Under CEQA, an activity that may cause either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment is called a "project." (Public Resources Code § 21065.) Approval of a contract, grant, or loan may be a "project" under CEQA if the activity being funded may cause a direct physical change or a reasonably foreseeable indirect physical change in the environment. Agencies must comply with CEQA before they approve a "project." This can include preparing a Notice of Exemption or conducting an Initial Study and preparing a Negative Declaration, a Mitigated Negative Declaration, or, if there are significant impacts, an Environmental Impact Report.

The Lead Agency is the public agency that has the greatest responsibility for preparing environmental documents under CEQA, and for carrying out, supervising, or approving a project. Where the award recipient is a public agency, the Lead Agency is typically the recipient. Where the award recipient is a private entity, the Lead Agency is the public agency that has greatest responsibility for supervising or approving the project as a whole.² When issuing contracts, grants or loans, the Energy Commission is typically a "Responsible Agency" under CEQA, which means that it must make its own CEQA findings based on review of the Lead Agency's environmental documents. If the Energy Commission is the only public agency with responsibility for approving the project, then the Energy Commission must act as the Lead Agency and prepare its own environmental documents before approving the project.

This worksheet will help the Energy Commission determine what kind of CEQA review, if any, is necessary before it can approve the award, and which agency will be performing that review as a Lead Agency. Please answer all questions as completely as possible. It may also help you to think through the CEQA process necessary for your proposed project. The Energy Commission may request additional information in order to clarify responses provided on this worksheet.

1. What are the physical aspects of the project? (Check all that apply and provide brief description of work, including any size or dimensions of the project).



Localized Health Impacts Information Form (Attachment 7)

- Applicants must complete Attachment 7
- The CEC requires this information for a Localized Health Impacts report

Attachment 7 Local Health Impacts Information

Air Quality Guidelines (California Code of Regulations, Title 13, Chapter 8.1, Section 2343(c)(6)(A)) require the Energy Commission to analyze the aggregate locations of the funded projects, analyze the impacts in communities with the most significant exposure to air contaminants or localized air contaminants, or both, including, but not limited to, communities of minority populations or low-income populations, and identify agency outreach to community groups and other affected stakeholders.

This information must be provided for all AB 118 funding categories, including fueling stations, fuel production, feedstock production or procurement, and vehicle or technology component production.

INSTRUCTIONS

Please complete the following information *for all sites where work for the proposed project that will require a permit will be done*. Attach additional pages if necessary. If the project includes multiple sites, you may submit this information in a table format using the bolded font below as column headers.

PROJECT NAME

APPLICANT'S NAME AND ORGANIZATION

PROJECT SITE(S) DESCRIPTION

Provide the precise street address(es) of the site(s) and a description of existing infrastructure or facilities (if any), surrounding structures, reference to any regional plans or zoning requirements for each location, and its proximity to residences, day care facilities, elder care facilities, medical facilities, and schools.

(E.g., Site 1: 123 Main Street, Grand Terrace, CA, 92313, Vacant lot in a commercially-zoned area. Commercial buildings surround the lot. No residences, daycare facilities, elder care facilities, medical facilities or schools within ¼ mile; Site 2: 321 Beach Street, San Francisco, CA, Existing gasoline/diesel fueling station. Residential area within 200 on South and East ends of project site.)

DEMOGRAPHIC DATA

Provide demographic data at the city or Zip code level for either the project location or the location of the potential health impacts, including:

- Total population
- Median education level



Past Performance Reference Form (Attachment 8)

- Applicants must complete Attachment 8 to provide references for:
 - Agreements with the CEC received by the Applicant in the last 10 years (including ongoing agreements)
 - The five most recent agreements with other public agencies received by the Applicant within the past 10 years
- References must include a contact person name and phone number or email address. These persons may be contacted by CEC staff
- Applicants should fill out a separate Past Performance Reference Form for each agreement reference

Attachment 09
GFO-22-614
PAST PERFORMANCE REFERENCE FORM

Provide references for CEC agreements (e.g., contracts, grants, or loans) received by the Applicant in the last 10 years, including ongoing agreements, and the 5 most recent agreements with other public agencies within the last 10 years to verify Applicant's past performance. Each reference must include a contact person name and phone number (or email address). If contacted by California Energy Commission staff, references should be able to speak to Applicant's ability to successfully complete projects in a timely manner.

In response to Section III.D.2.d, Team Experience and Qualifications, if the team's experience and qualifications includes a specific project(s) under current or prior agreements with public funding (e.g., contract, grant, or loan), the Applicant must also submit a Past Performance Reference Form(s) for the project(s), even if the team member is not the primary Applicant.

Applicants should fill out a separate Past Performance Reference Form for each reference.

Name of Organization	
Address	
Contact Name	
Contact Title	
Contact Phone Number (or Email)	
Title of Project	
Agreement Number or Other Unique Identifier	
(For projects that did not complete (or timely complete) project objectives) Describe the challenges faced, what led to those challenges and indicate whether those challenges were within the Applicant's control.	
Describe any severe audit findings and how they were ultimately addressed and resolved.	



Application Evaluation

Reliable, Equitable, and Accessible Charging for Multi-family Housing
2.0 (REACH 2.0)



How Will My Application Be Evaluated?

Stage One: Application Screening

- Administrative Screening Criteria (Pass/Fail)
- Technical Screening Criteria (Pass/Fail)

Stage Two: Application Evaluation

*Applicants must pass ALL screening criteria, or the application will be disqualified and eliminated from further evaluation



Administrative Screening Criteria

Criteria	Pass/Fail
1. The application is received by the due date and time specified in the “Key Activities Schedule” in Section I of this solicitation.	Pass or Fail
2. The Applicant has not included a statement that is contrary to the required authorizations and certifications when submitting in the ECAMS system.	Pass or Fail



Technical Screening Criteria

Criteria	Pass/Fail
1. The Applicant is an eligible Applicant.	Pass or Fail
2. The project is an eligible project.	Pass or Fail
3. The applicant meets the minimum match share requirement, if any.	Pass or Fail
4. The applicant passes the past performance criterion.	Pass or Fail



Past Performance Screening

1. An Applicant may be disqualified due to **severe performance issues** characterized by significant negative outcomes under one or more prior or active CEC agreement(s) within the last 10 years
2. Any Applicant that does not have an active or prior agreement equates to no severe performance issues and therefore would pass this screening criteria



Application Technical Evaluation and Scoring

- The Evaluation Committee applies the scoring scale to the evaluation criteria
- Applications must obtain a minimum passing score of **70%** or **70 points** in order to be considered for funding
- Review Section IV of the solicitation manual and ensure the application provides a clear and complete response to all scoring criteria



Application Evaluation and Scoring

Scoring Criteria	Possible Points
1. Project Implementation	35
2. Project Location and Benefits	20
3. Project Readiness	15
4. Team Experience and Qualifications	15
5. Project Budget	10
6. Sustainability and Innovation	5
Total Possible Points	100
Bonus Points	5
Minimum Points to Pass (70%)	70



Project Implementation

- The project provides conveniently accessible charging to more than 100 MFH units
- The project will install more than the minimum number of charging stations (100)
- Data collection and analysis will effectively and quantifiably evaluate the business and technology model and track charger usage by MFH residents
- The cost to charge will be minimized and reasonable for the residents of identified MFH

Criterion	Possible Points
<p>1. Project Implementation Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none"> • The project will achieve the purpose of this solicitation. • The project will demonstrate a clearly defined business and technology model of EV charger deployment to specifically serve MFH residents. • The project provides conveniently accessible charging to more than 100 MFH units. • The project will install more than the minimum number of charging stations (100). • Data collection and analysis will effectively and quantifiably evaluate the business and technology model and track charger usage by MFH residents. • The proposed business and technology model of EV charger deployment will be replicable or may be further expanded. • The cost to charge will be minimized and reasonable for the residents of identified MFH. • Payment mechanisms are appropriate for the targeted MFH residents. • The proposed charging equipment has features to deter or prevent vandalism, or any other features to reduce potential downtime. • Project lighting will effectively illuminate charging area and the project will result in safe charging environments. • The Applicant describes clear, detailed, and convincing strategies, including in the Operation and Maintenance Plan, and demonstrates that it has the ability and capacity to execute these strategies, to ensure required charger uptime and customer satisfaction. 	35



Project Location and Benefits

- Install chargers that are conveniently accessible and easy for residents of specific MFH to use
- Provide MFH residents with certainty that a charger will be available to them when they need it
- Exceed the required minimum of 50 percent of chargers installed in disadvantaged communities or low-income communities
- Chargers will be accessible to residents of affordable housing units
- Includes tenant protections

Criterion	Possible Points
2. Project Location and Benefits Applications will be evaluated on the degree to which: <ul style="list-style-type: none">• The project will install chargers that are conveniently accessible and easy for residents of specific MFH to use.• The project will provide MFH residents with certainty that a charger will be available to them when they need it.• The demonstrated business and technology model for EV charger deployment will be cost effective for MFH property owners and residents and will measure cost effectiveness.• The project will exceed the required minimum of 50 percent of chargers installed in disadvantaged communities or low-income communities and maximize project benefits to these communities.• Chargers will be accessible to residents of affordable housing units.• The proposed project results in high benefit-cost score defined as the ratio of grams of CO₂ equivalent reduction per dollar of CEC investment for the proposed project term and six years of operation.• The proposed project is cost-effective and minimizes costs per charger or per kW of capacity.• The project includes tenant protections for participating rental properties.	20



Project Readiness

<p>3. Project Readiness Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none">• Milestones and completion dates are reasonable and expedited.• The project is ready for deployment.• Permit timelines are minimized and/or permit applications are already filed or approved.• Delays in procuring equipment and materials will be minimized.• Utility connection readiness is maximized and time to energization is minimized.• Letters from site hosts, residents, project partners, utilities, or other stakeholders indicate strong levels of support or commitment for the proposed project.• The risks, barriers, and limitations that are critical for project success are identified and mitigated.	<p>15</p>
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Team Experience and Qualifications

<p>4. Team Experience and Qualifications Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none">• The qualifications, experience, capabilities, and credentials of the key team members are suitable to the tasks described in the proposed Scope of Work and will lead to the successful completion of the project.• The proposed project incorporates collaborations with local planning agencies, community-based organizations, utilities, site hosts, or others that will lead to the successful completion of the project.• The Applicant and team members have demonstrated the ability to establish site control, obtain equipment and materials, do community outreach, and deploy resources to expedite project completion.• Past performance on prior CEC awards or other public projects has been timely and exceptional.	<p>15</p>
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Project Budget

<p>5. Project Budget Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none">• The proposal budget is justifiable and reasonable relative to the project goals, objectives, and tasks defined in the Scope of Work.• CEC funds are needed for the project.• Costs of engagement and outreach support successful project completion and fall within the \$300 per charger cost cap.• The proposed project minimizes administrative and overhead costs for reimbursement.• The proposed project minimizes costs to install charging stations.• The proposed match funding commitments are documented and verifiable.	<p>10</p>
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Sustainability and Innovation

<p>6. Sustainability and Innovation</p> <p>Applications will be evaluated on the degree to which:</p> <ul style="list-style-type: none">• The project will effectively implement engagement and outreach strategies to recruit property owners and increase EV adoption and EV charger use by MFH residents.• The project will use innovative payment mechanisms.• The proposed project promotes and measures sustainability and innovation, e.g., minimizes grid upgrades, enhances grid reliability, or enables load management.• The project ensures equitable access to chargers, prevents resident displacement, and captures community feedback.	<p>5</p>
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Bonus Points

Bonus Points will be awarded to projects that serve additional MFH units beyond the minimum requirement based on the following formula:

- One point will be added to the overall score for each additional 50 MFH units beyond the minimum requirement
- For example, if a project proposes to serve 300 units, it is eligible to receive 4 bonus points

*(300 units total, minus 100 units minimum = 200 additional units served
200 units divided by 50 units = 4 bonus points)*

- The maximum number of bonus points an Applicant can receive is 5

Exception: An application that does not receive a passing score under the evaluation criteria will not receive Bonus Points



Terms and Conditions

Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0
(REACH 2.0)



Terms and Conditions

- Terms and Conditions
 - Can be found on the Funding Resources webpage at <https://www.energy.ca.gov/funding-opportunities/funding-resources>
 - Appendix 1 reflects the terms and conditions that have been updated through the CEC's ECAMS process
 - E.g. backup documentation required for invoicing
- More information is on the ECAMS Resources webpage at <https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources>
- There are Terms and Conditions specific to Native American Tribes and California Tribal Organizations with Sovereign Immunity
 - Attachment 9 in the Solicitation Manual



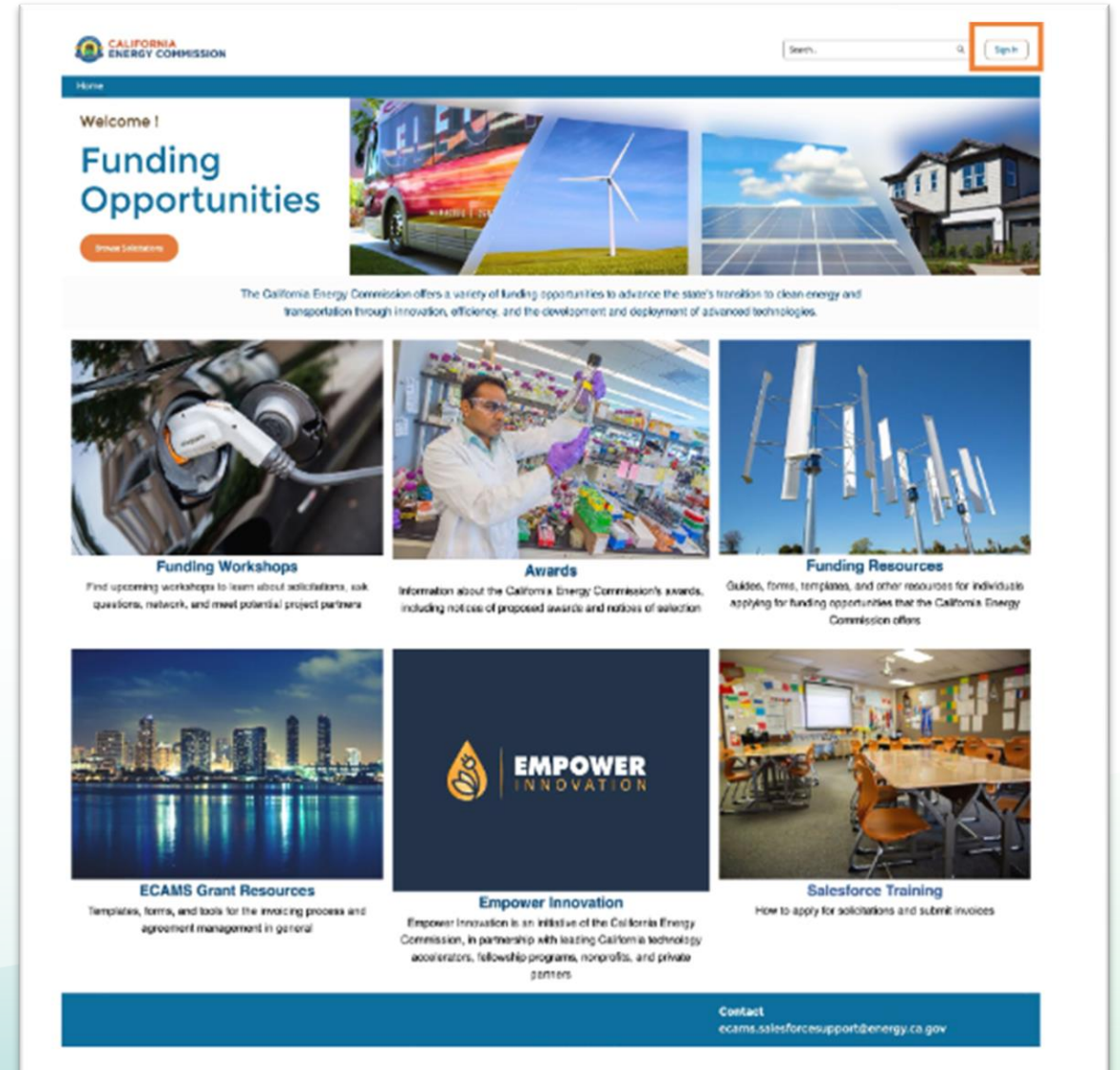
Application Submittal

Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0
(REACH 2.0)



GFO Submission Requirements

- Applications will be submitted through the Energy Commission Agreement Management System, available at: <https://ecams.energy.ca.gov/>
- **Applicants must have or create a user account in order to apply for this solicitation.** To create an account, please see the guidance document titled [User Registration Instructions](#)
- One account manager per organization
 - Users can be added by account manager





GFO Submission Requirements (ECAMS)

- Electronic files must be in Microsoft Word and Excel formats, unless originally provided in the solicitation in another format
- Application documents should meet formatting requirements, and page recommendations provided in the solicitation manual
- Attachments requiring signatures (Support/Commitment Letters) may be scanned and submitted in PDF format
- Until further notice, any requirement in CEC solicitations to provide a signature is waived. *In ECAMS, checking the "I Agree" box and clicking the "I Agree & Submit" button provides the required authorizations and certifications*
 - Notice on CEC's waiver of the signature requirement appears here: <https://www.energy.ca.gov/funding-opportunities/solicitations>



GFO Submission Resources (ECAMS)

- For detailed instructions on how to submit an application, please see the [Applying for a Solicitation](#) guidance document
- Both of the referenced guidance documents are available at <https://www.energy.ca.gov/funding-opportunities/funding-resources> under *General Funding Information*
- Any questions about the ECAMS system can be sent to ECAMS.SalesforceSupport@Energy.ca.gov

A screenshot of a web page titled "General Funding Information" with a close button (X) in the top right corner. The page is divided into two main sections. The first section is "GRANT SOLICITATION SYSTEM (GSS) INFORMATION" and contains two bullet points: "Grant Solicitation System (GSS) Login" and "How to Apply - PDF". The second section is "ENERGY COMMISSION AGREEMENT MANAGEMENT SYSTEM (ECAMS)" and contains three bullet points: "Energy Commission Agreement Management System (ECAMS) Login", "User Registration - PDF", and "Applying for a Solicitation". The entire ECAMS section is enclosed in a red rectangular border.



GFO Submission (ECAMS)

Submit applications early!

The ECAMS system will stop accepting application documents promptly at the deadline of 11:59 p.m. on Wednesday, [~~August 2nd~~] **August 16th**

Applications in the process of being submitted prior to the deadline will NOT be accepted after the deadline



Key Dates

Activity	Action Date
Solicitation Release	April 26, 2023
Pre-Application Workshop	May 11, 2023
Deadline for Written Questions by 5:00 p.m.	May 24, 2023
Anticipated Distribution of Question/Answers	Week of June 7, 2023
Support for Application Submission in ECAMS	Ongoing until [August 2] <u>August 16</u>, 2023 at 5:00pm
Deadline to Submit Applications by 11:59 p.m.	[August 2] <u>August 16</u>, 2023
Anticipated Notice of Proposed Awards Posting	Week of November 13, 2023
Anticipated Energy Commission Business Meeting	March, 2024



Question and Answers

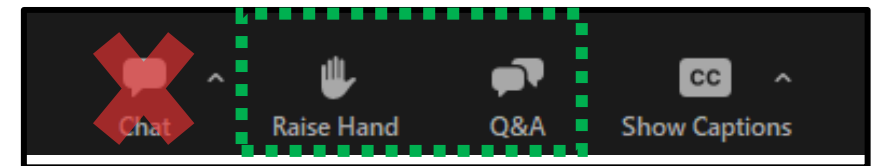
Three ways to ask questions:

Please state your name and affiliation. Keep questions under 3 minutes to allow time for others.

1. Use the raise hand function in Zoom

Zoom Phone Controls:

- *6 – Toggle mute/unmute
- *9 – Raise hand



2. Type questions in the Zoom Q&A Box

3. Submit written questions

Send written questions to Eilene.Cary@energy.ca.gov

Deadline: Wednesday, May 24th 5:00 p.m. PST

Note that an official CEC response is anticipated to be provided in writing and posted on the GFO webpage the week of June 7th, 2023.



Written Questions

Please send all questions related to GFO-22-614 to:

Eilene Cary

Commission Agreement Officer

715 P Street, MS-18

Sacramento, CA 95814

(916) 776-0739

Eilene.Cary@energy.ca.gov

(Please add subject line: GFO-22-614)

Deadline to submit questions: Wednesday, May 24, 2023 5:00 p.m. PST

Deadline to submit applications: Wednesday, ~~August 2~~ August 16, 2023 11:59 p.m. PST



Next Steps

Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	Wednesday, May 24, 2023
Anticipated Distribution of Question/Answers	Week of June 7, 2023
Deadline to Submit Applications by 11:59 p.m.	[August 2] <u>August 16, 2023</u>
Anticipated Notice of Proposed Awards Posting	Week of November 13, 2023

Updates to solicitation documents will be posted on the GFO Webpage:
<https://www.energy.ca.gov/solicitations/2023-04/gfo-22-614-reliable-equitable-and-accessible-charging-multi-family-housing-20>



Thank You!

Applications are due [~~August 2~~] **August 16**, 2023,
by 11:59 p.m.