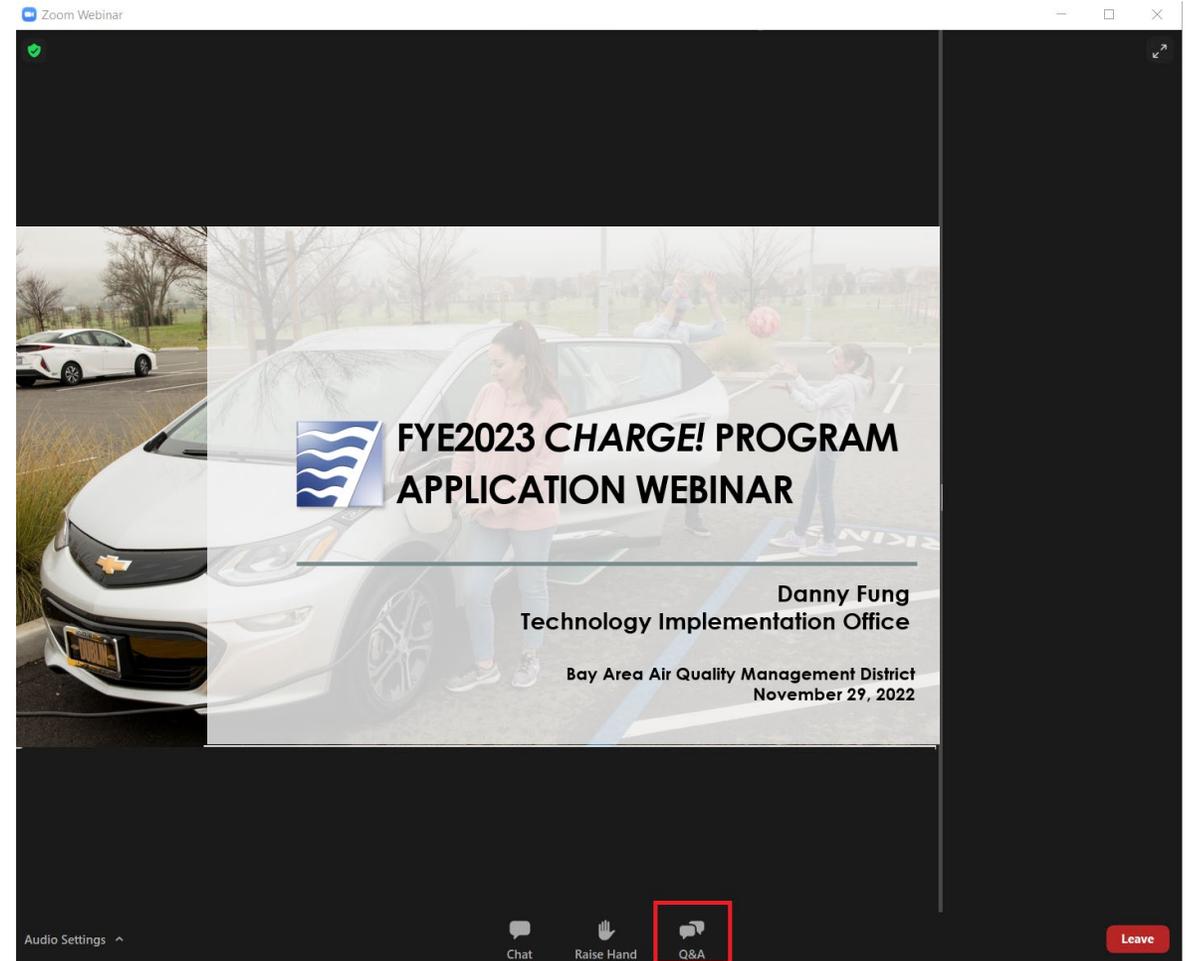# FYE 2023 CHARGE! PROGRAM APPLICATION WEBINAR

Danny Fung
Technology Implementation Office

Bay Area Air Quality Management District
November 29, 2022

WEBINAR INFORMATION

- This webinar is being recorded and will be posted online at www.baaqmd.gov/charge

- The presentation will also be available on the program website

- Type in questions using the Q&A function

OVERVIEW

1. Introduction & Background

2. Program Information

3. How to Apply – Fluxx

4. Example Application Walkthrough

5. Contact and Questions

INTRODUCTION AND BACKGROUND

The Air District:
- Established in 1955
- Nine Bay Area counties
- Seven million residents
- Mission: to protect and improve public health, air quality and the global climate

Technology Implementation Office
- Incentivizing low-cost technologies that reduce emissions for mobile and stationary sources
  - *Charge!* Program
  - Clean Cars for All

BAY AREA AIR QUALITY MANAGEMENT DISTRICT JURISDICTION MAP

CHARGE! PROGRAM

- Since 2016, the *Charge!* Program has provided funding for publicly accessible passenger electric vehicle (EV) charging stations across the Bay Area

- The *Charge!* Program has provided approximately $30,000,000 in funding to install over 3,100 charging stations locally

- The goal is to increase the number of EV charging stations to achieve ambitious local and state EV adoption goals

CHARGE!

EQUITY FOCUSED CLEAN AIR GRANTS

Charge! offsets a portion of the cost of purchasing and installing new public and private EV chargers. Chargers installed at multi-family housing sites and/or in CARB Priority Population Areas are eligible to receive additional funding.

FYE 2023 *CHARGE!* PROGRAM IS OPEN

- Solicitation opened on November 15, 2022, and we are currently accepting applications

- $5,000,000 in funding is available for this year
  - Program goal - minimum of 60% of the total available funding will be awarded to projects located in Priority Population Areas (CalEnviroScreen 4.0)

- Deadline to submit questions is February 15, 2023
  - Questions and answers will be posted on the *Charge!* Program webpage
  - Submit questions to charge@baaqmd.gov

- Solicitation will close on March 3, 2023, at 5:00PM PT

FYE 2023 *CHARGE!* PROGRAM RESOURCES

Website: www.baaqmd.gov/charge

- **FYE 2023 Charge! Program Guidance*
- Sample 2023 Fluxx Application
- Sample Application Documents
- Interested Partners List (updated periodically)
- Questions and Answers (coming soon)

Fluxx Application Portal: baaqmd.fluxx.io

- Fluxx User Guide

PROJECT ELIGIBILITY

GENERAL APPLICATION ELIGIBILITY

- Businesses, homeowner associations, non-profits, public agencies
- Surplus & voluntary
- Proposed projects only – no equipment can be purchased or installed yet
- Good standing with Air District, State and Federal regulations
- Qualify for a minimum of $250,000 in Program funding
    - $10,000 if project is government sponsored or project is exclusively at multi-family housing locations
- Maximum award is $3,000,000 per applicant
- Minimum 15% required cost-share/matching funds

Eligible Project Costs	Ineligible Project Costs
• Charging station hardware, including tax & shipping • Installation, including labor, materials • Site design, permit fees • Hardware equipment to record kWh dispensed (e.g., separate meter)	• Consultant fees • Environmental review • Maintenance, repairs & operations (subscription, electricity and network fees)

FACILITY TYPES

Destinations

Multi-family Housing

Transit Parking Locations

Transportation Corridors

Workplaces

Charge! Pre-Application Webinar November 29, 2022

FYE 2023 *CHARGE!* PROGRAM OVERVIEW

Competitive Solicitation	Usage Requirements & Uptime	Minimum Grant Amount	Online Application
• Competitive solicitation • All projects will be scored and ranked per Table 4 of Program Guidance) • Projects located at multi-family housing, Priority Population Areas, environmental justice communities and in regions with lower EV charger density will receive higher prioritization	• Usage requirements have changed. Applicants will provide estimated usage in the application, which becomes the project usage requirement if awarded • Funded Level 2 and DC Fast charging stations must be operational for at least 97% of a charging site's standard hours of operation	Government sponsored & projects exclusively at multi-family housing • **$10,000 minimum** All other projects • **$250,000 minimum** *Qualifying amounts are based on the funding levels in the guidance, not the project's total cost*	*Charge!* proposals will only be accepted through the Fluxx Grants Portal

Note: All projects can stack *Charge!* Program funds with other incentive programs

CHARGER REQUIREMENTS

Chargers must meet the following requirements to be eligible:

Charging Station Type	Level 1*	Level 2 (low)	Level 2 (high)	DC Fast	
Connector Requirement	NEMA 5-15, 5-20 or J1772	J1772	J1772	CHAdeMO or SAE Combo	
Output Rating Requirement **	1.4 KW	3.3 – 6.6 KW	6.6+ KW	50 – 149.99 KW	150+ kW
Energy Star Certification Requirement	No	Yes	Yes	No	No
ISO 15118-3***	~~Funded charging stations must conform with be ISO 15118-3.~~				
OCPP 2.0.1***	~~Funded charging stations must be Charge Point Protocol (OCPP) 2.0.1 certified to Core and Safety Certificate by the Open Charge Alliance (OCA).~~				

* Level 1 charging stations at:
- Multi-Family Housing, Transit Parking, or Workplace facilities must be equipped with either the SAE standard J1772 connector or a NEMA 5-15 or 5-20 receptacle.
- Any other facility must have the SAE standard J1772 connector.

** Each connector must be able to simultaneously maintain the stated level of kW output.

*** ~~See the Definitions section of the FYE 2023 Charge Program Guidance for more information.~~

CHARGER REQUIREMENTS CONT'D

- Charging stations must be new – used or refurbished equipment are not eligible for funding

- Project sites must be within the Air District's jurisdiction

- Payment Requirements: If payment is required for charger use, the equipment models must be able to accept some form of credit card payment and accept more than one form of payment

- Electric Vehicle Infrastructure Training Program (EVITP) certified electricians install the EV chargers

    - All EV chargers must be installed by a licensed contractor and at least one EVITP certified electrician

    - Projects that install a charging port supplying more than 25 kW or more must have at least 25% EVITP certified electricians on staff

CHARGER REQUIREMENTS CONT'D

- Charger uptime – Level 2 and DC Fast charging stations to be operational for at least 97% of a charging site's total standard hours of operation for the duration of the project's Operational Period
    - Extraordinary events such as: accidents, power loss, natural disasters, network outages, planned utility outages, theft, and vandalism are excluded from this calculation.
    - Charging site downtime is defined as any period of time within the total standard hours of operation during which the charging station is incapable of dispensing electricity or when the network indicates that the connector is inoperable

$$\text{Uptime (\%)} = \left(\frac{\text{Total Standard Hours of Operation} - \text{Downtime}}{\text{Total Standard Hours of Operation}} \right) \times 100$$

FUNDING LEVELS

Active connector: the plug that connects a charging station to an electric vehicle and provides power to charge its battery. The number of active connectors on a site is equivalent to the maximum number of vehicles that can be charging simultaneously.

- Please keep in mind that charging stations that have multiple connectors, but can only charge one vehicle at a time is considered to have one active connector.

- The charger type is the kilowatt output of each active connector and is used to determine the project's eligible funding level.

BASE FUNDING					
Charging Station Type	**Level 1**	**Level 2 (low)**	**Level 2 (high)**	**DC Fast**	
Active Connector Output Rating*	1.4 kW	3.3 – 6.6 kW	6.6+ kW	50 - 149.99 kW	150+ kW
Base Funding Per Active Connector	$1,500	$2,500	$4,000	$25,000	$35,000
PLUS-UP FUNDING The Charge! Program also offers Plus-Up funding, on top of Base funding, for projects who meet one or more of the following:					
Priority Population Areas **	$500	$1,000	$1,500	$10,000	$10,000
Multi-Family Housing	$500	$1,000	$1,500	-	-
Maximum Funding Per Active Connector, Including All Plus-Up Funding	$2,500	$4,500	$7,000	$35,000	$45,000

* Each connector must be able to simultaneously maintain the stated level of kW output.
** Designated areas eligible to receive this plus-up are subject to change.

ESTIMATED USAGE/USAGE REQUIREMENT

- Unlike previous funding cycles, <u>usage requirements are no longer pre-determined</u>.

- In the application, applicants will be required to estimate the projected 3-year charger usage based on the number of proposed charging ports, facility types, number of parking spaces, and other contributing factors.

- Applicants may also reach out to EV charging vendors, such as those listed in the <u>Interested Partners List</u>, for assistance with this requirement.

- The estimated usage provided in the application will be considered as part of the application review process.

- If awarded funding, the estimated usage will be listed in the Funding Agreement.

- Projects that do not meet their stated usage may be in breach of the Funding Agreement and subject to repayment.
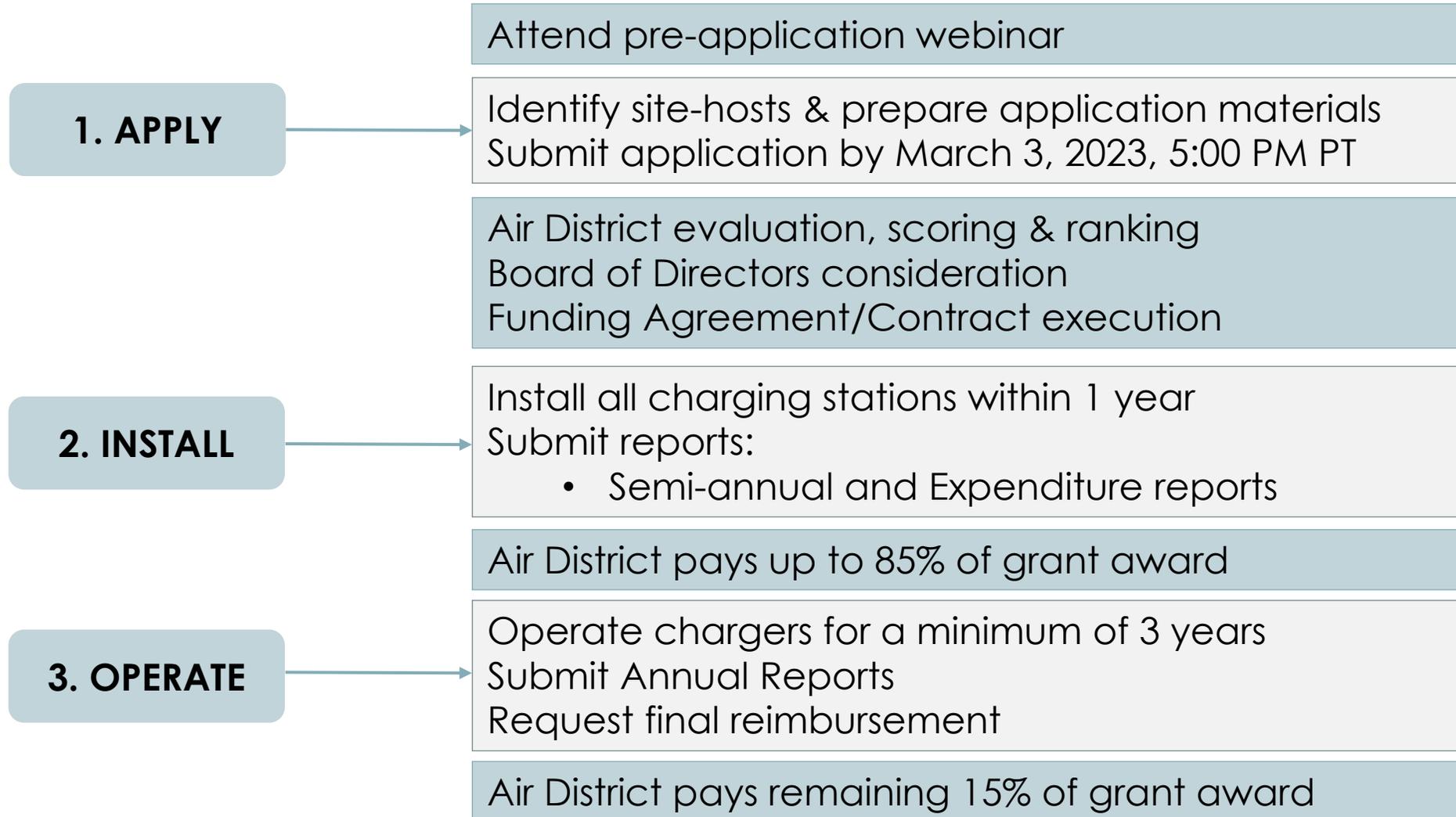
EVALUATION CRITERIA & SCORING

Table 4: Application Evaluation Criteria and Scoring

EVALUATION CRITERIA	POSSIBLE POINTS
Project Details & Implementation Plan Project scope/details, partners/community support, location/facility type, accessibility	10
Project Benefits Number of units to be implemented, number of units per county and facility type, estimated emissions reductions, anticipated charger utilization, and community support, alternative power source (e.g., solar, wind), and technology type	20
Priorities Project location: Priority Population Areas, multi-family housing, affordable housing	25
Readiness Resources available, readiness for implementation, and project timeline	15
Qualifications Applicant experience/history, partners' roles and experience, local/green business, Minority Business Enterprises, and Women's Business Enterprises	10
Budget Itemized equipment and infrastructure cost, co-funding/match, cost per port installed, and total funds requested	10
Application Completeness Required documents and facility and charger information	10
Total Points Possible	100

CHARGE! PROGRAM PROCESS & SCHEDULE

Attend pre-application webinar ✓

1. APPLY →
Identify site-hosts & prepare application materials
Submit application by March 3, 2023, 5:00 PM PT

Air District evaluation, scoring & ranking
Board of Directors consideration
Funding Agreement/Contract execution

2. INSTALL →
Install all charging stations within 1 year
Submit reports:
- Semi-annual and Expenditure reports

Air District pays up to 85% of grant award

3. OPERATE →
Operate chargers for a minimum of 3 years
Submit Annual Reports
Request final reimbursement

Air District pays remaining 15% of grant award

1. APPLY

Applicant/Project Sponsor

- Submit online application by **March 3, 2023**, **5:00PM PT**
    - Letter of commitment
    - *Charge!* Facility Form (available on the *Charge!* website)
    - Map of proposed charging station locations showing proximity to an activity center, major roadways, and nearest charging station
    - Line-item cost estimate
    - Applicant W-9
    - Charging stations specification sheets
    - Questions – charge@baaqmd.gov
- **No work is to begin, and no equipment is to be ordered/purchased until a contract is executed**

Air District

- Review application, rank and score all applications
- Forward proposed Contract to Project Sponsor for signature
- Receive proof of insurance from Project Sponsor
- Air District executes Contract

2. INSTALL & REIMBURSEMENT

Grantee/Project Sponsor

- Purchase equipment
- Hire a licensed contractor to perform work
- Install and activate equipment
- Proof of EVITP certification (EVITP Form available on the program website)
- Submit Expenditure Report & supporting documents within 2 months of equipment being placed into service
  - Proof of payment (copies of cancelled checks)
  - Invoice(s) for eligible costs
  - Photos of all equipment with Air District logo affixed
  - Proof of Department of Energy, Alternative Fuel Database submission

Air District

- Release up to 85% of funds awarded for reimbursement following equipment installation and review of Expenditure Report and support documents

3. OPERATE

Grantee/Project Sponsor

- Operate and maintain equipment for a minimum of 3 years
- Ensure usage and uptime requirements are met
- Submit Annual Reports

Air District

- Audit and Inspections
- Release remaining 15% of funds for reimbursement following fulfillment of usage and uptime requirements and review of Final Report

ANTICIPATED PROJECT APPROVAL SCHEDULE

Application

December 2022 to March 2023

Review

March 2023 to May 2023

Board Approval

Spring/Summer 2023

Contracting

Summer/Fall 2023

INTERESTED PARTNERS LIST

Providing contact information for site hosts and applicants to connect

Air District will publish a list of interested partners comprised of:
- Potential applicants that site hosts can contact and discuss potential inclusion into an application

Current Interested Partners List

Vendors/Site Hosts:
If you are interested being included in the Interested Partners List, please provide the following:
- Organization Name
- Contact Information (name, title, phone, email & mailing address)
- Description of Intended Project Types (facility types, charger types and county locations)

Email this to charge@baaqmd.gov with the subject "Charge! Interested Partners List"

QUESTIONS

Written questions and answers will be published to the *Charge! Website*

→ Submit your questions to charge@baaqmd.gov, subject "RE: Charge! Program Questions" by **February 15, 2023**
- Once the application period starts on November 15, 2022, prospective applicants can request meetings with Air District staff to discuss proposed projects.
- Prospective applicants can also submit written questions to the email above.

→ Written questions and responses will be frequently updated during the solicitation and posted to the *Charge*! Website. Final updates will be posted by **March 3, 2023**

FLUXX LABS ONLINE APPLICATION BAAQMD.FLUXX.IO

- Online grants management system
- Applications can only be submitted through Fluxx
- User guide available at www.baaqmd.gov/charge

CREATE AN ACCOUNT

CREATE AN ACCOUNT

Please fill out your contact information below to register for an account and gain access to the Grantee Portal. Required fields are in bold.

Primary Contact Information

First Name

Last Name

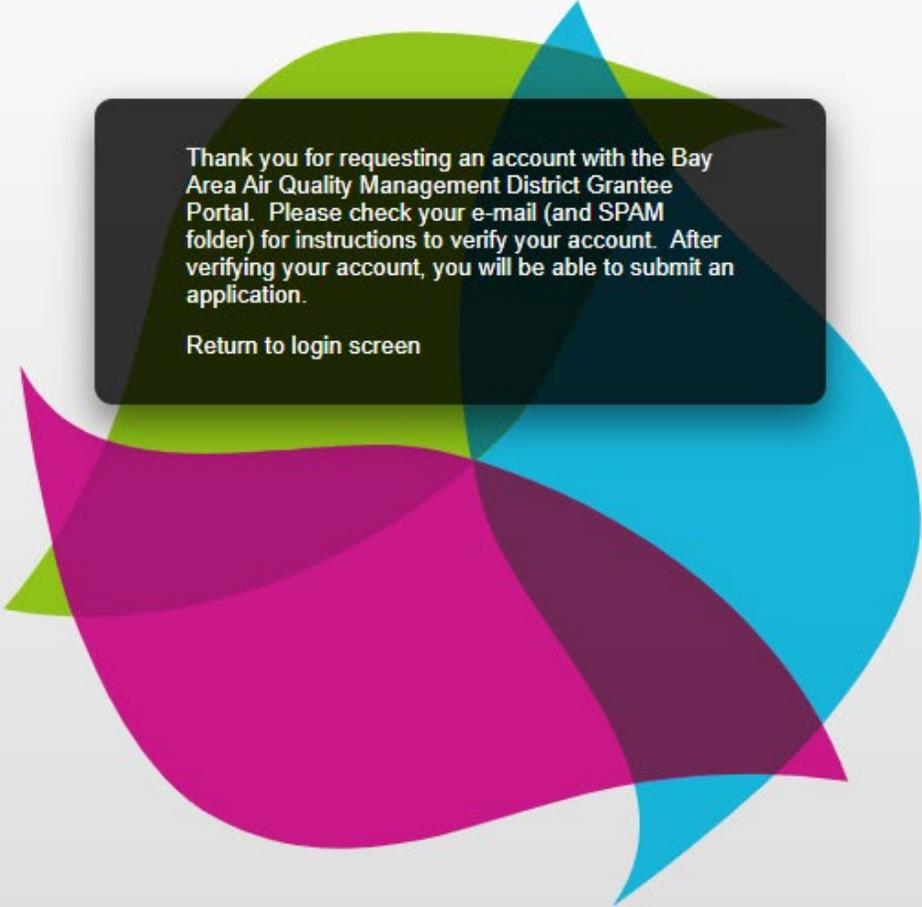**Phone**

Phone Extension

Email

Organization Name

After you submit the request, you will receive a confirmation email asking you to verify your account and create your password. The email may end up in your Spam folder.

Cancel   Submit Request

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CREATE AN ACCOUNT

Thank you for requesting an account with the Bay Area Air Quality Management District Grantee Portal. Please check your e-mail (and SPAM folder) for instructions to verify your account. After verifying your account, you will be able to submit an application.

Return to login screen

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CREATE AN ACCOUNT

Please verify your account ➤ Inbox ×

BAAQMD do-not-reply.grants07-us-east-1@fluxx.io via amazonses.com   2:27 PM (2 minutes ago)

to me ▾

Welcome to the Bay Area Air Quality Management District's Grantee Portal. Please follow the below URL to verify your account and create your password. Your username for this account is your email address.

Verification Link: https://baaqmd.fluxx.io/verify/

↩ Reply   �forward Forward

CREATE AN ACCOUNT

USER PORTAL

Create an application and review tasks (reports)

User Navigation
- Review applications
- Review Reports
- Request Payments

Click to apply

Navigation menu

INFORMATION
- Grantee Portal
- Clean Cars for All
- Charge! Program

PEOPLE (1)
- User Profile (1)

ORGANIZATIONS (1)
- Organization Profile (1)

APPLICATIONS
- Draft Applications
- Submitted Applications
- Information Requested

GRANTS
- Active
- Closed

REPORTS
- Reports Due
- Submitted Reports
- Information Requested

PAYMENTS
- Grant Payments

Main panel

The links under each category on the left side of the page represent your user or organization information at different stages in the application/grant cycle.

IMPORTANT: When making any edits to your application or report form, always click the [Save] button at the bottom right before navigating to other pages. Saving ensures you can return to the application and continue editing.

INFORMATION

Grantee Portal

You are here now. Learn about how to navigate the Grantee Portal and manage your application or grant.

Clean Cars for All

Clean Cars for All is only open to residents. The program is open until funding is exhausted. Learn more about the Clean Cars for All Program and APPLY from this page.

***Charge!* Program**

Charge! is only open to organizations. The solicitation deadline to apply is March 18, 2021 @ 4PM. Learn more about *Charge!* and APPLY from this page.

PEOPLE

User Profile

APPLICATION

Adding a facility

1 In this section, you are required to add information related to each facility in your project. Information includes the facility address, facility type (Workplace, Destination, Transit Parking, Transportation Corridor or Multi-Family Housing), charger configurations, plus-up funding requested, and key documents.

Click on the (+) icon to the right to add a new facility. You may add multiple facilities.

Facility Information

Facilities ⊕

Note that one project can have multiple facilities.

2

Facility Location

Facility Street Address:

Facility Street Address 2 (Suite, Unit, etc.):

Facility City:

Facility County:

Facility Zip Code:

Facility Information

Facility Type: **Destination**

Priority Population Areas Plus Up

Level 1, Level 2 Low, Level 2 High and DC Fast charging stations are eligible for $500, $1,000, $1,500 and $10,000 in **Priority Population Area** Plus Up funding, respectively.

Is this facility located in a CARB Priority Population Area?

Does the Project Sponsor own the property? **No**

Who owns the property?

Please indicate the total number of parking spaces at this facility:

Does this facility host additional existing or planned renewable energy technologies that would supply energy to the proposed charging station(s) (e.g., solar, wind, hydro-electric)?

Provide a list of activity centers this facility serves:

Charging Station Information

In this section, you are required to add the charging station quantity, type (Level 1, Level 2 [low], Level 2 [high], and DC Fast), make, and model that will be installed at this facility.

Click the plus (+) button on the right to add a Charging Station type.

Charging Station Type

Are all of the proposed chargers at this facility accessible to the public?

How many days per week will the charging station(s) at this facility be available for use?

How many hours per day will the charging station(s) at this facility be available for use?

Additional Comments or Clarification:

APPLICATION

Adding charging stations to a facility

Add a Charging Station Type ✕

Charger Type

[dropdown]

An active connector is defined as the plug that connects a charging station to an electric vehicle and provides power to charge its battery. The number of active connectors on a site is equivalent to the maximum number of vehicles that can be charging simultaneously.

Please keep in mind that charging stations that have multiple connectors, but can only charge one vehicle at a time is considered to be one active connector. The charger type is the kilowatt output of each active connector and is used to determine the project's eligible funding level.

3

Charging Station Information

In this section, you are required to add the charging station quantity, type (Level 1, Level 2 [low], Level 2 [high], and DC Fast), make, and model that will be installed at this facility.

Click the plus (+) button on the right to add a Charging Station type.

Charging Station Type ⊕

4

Active Connector Quantity

[ ]

Indicate the KW output per active connector

[ ]

Charger Make

[ ]

Charger Model

[ ]

HISTORY	📄

Show History

Note that one facility can have multiple charging station types.

Save

IMPORTANT

Each application must have at least:

- One facility

- One charging station type associated with each facility

- Required documents for each facility

Facility Information

In this section, you are required to add information related to each facility in your project. Information includes the facility address, facility type (Workplace, Destination, Transit Parking, Transportation Corridor or Multi-Family Housing), charger configurations, plus-up funding requested, and key documents.

Click on the (+) icon to the right to add a new facility. You may add multiple facilities.

Facilities ⊕

Charging Station Information

In this section, you are required to add the charging station quantity, type (Level 1, Level 2 [low], Level 2 [high], and DC Fast), make, and model that will be installed at this facility.

Click the plus (+) button on the right to add a Charging Station type.

Charging Station Type ⊕

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IMPORTANT

Remember to include your Organization Name before saving your application

- All applications must be tied to an Organization, which will be created when you start an application. If an Organization is not linked, the application will be incomplete.

Project Sponsor Information

If this is your organization's first time applying to the Charge! Program, click the "Add New" button, located to the right of the "**Organization Name**" field to add a new organization profile to your user account.

If your organization has applied to the Charge! Program before, start typing the name in the "**Organization Name**" field and select it from the drop-down menu.

The **Primary Contact** will receive all future communications and is responsible for managing the project and submitting future reports and reimbursement requests.

The **Authorized Signatory** is the person who has the authority to sign contracts on behalf of the organization.

Organization Name	Add New
Location	
Primary Contact	Add New
Authorized Signatory	Add New
Related User	

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QUESTIONS

Email: charge@baaqmd.gov
Website: www.baaqmd.gov/charge