

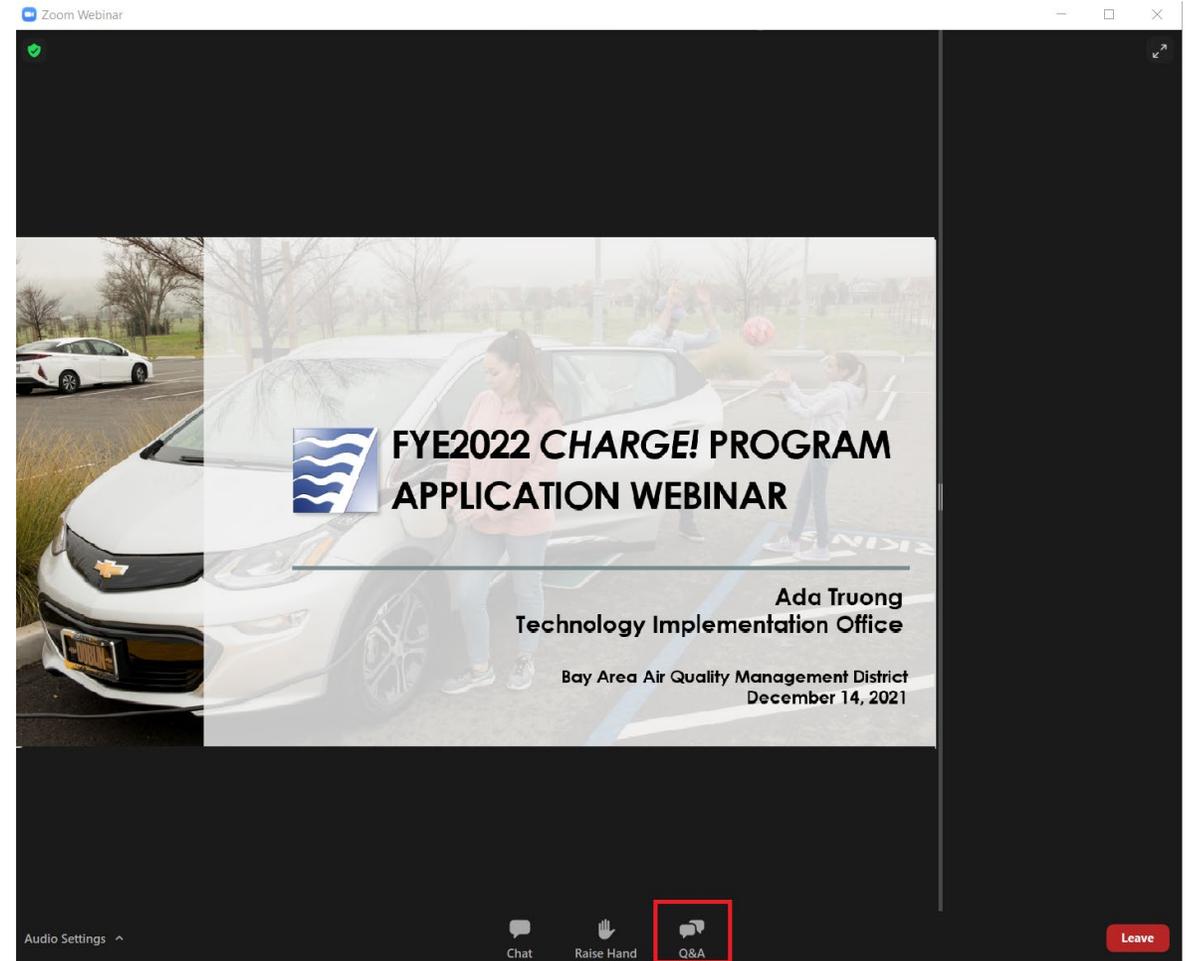
FYE2022 CHARGE! PROGRAM APPLICATION WEBINAR

**Ada Truong
Technology Implementation Office**

**Bay Area Air Quality Management District
December 14, 2021**

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 Using Fluxx
4. 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



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 \$20,000,000 in funding to install over 3,000 charging ports locally
- The goal is to increase the number of EV charging stations to achieve ambitious local and state EV adoption goals





EQUITY FOCUSED CLEAN AIR GRANTS

Charge! funds and reimburses a portion of the cost of *purchasing* and *installation* of new public and private EV chargers. Additional funding for multi-unit dwelling chargers in Environmental Justice communities is available.



FYE 2022 CHARGE! PROGRAM IS OPEN

- Solicitation opened on December 7, 2021 and we are currently accepting applications
- \$7,000,000 in funding is available for this year
 - A minimum of 60% of the total available funding will be awarded to projects located in disadvantaged and low-income communities (CalEnviroScreen 3.0)
- Deadline to submit questions is February 15, 2022
 - Questions and answers will be posted on the *Charge!* Program webpage
 - Submit questions to dfung@baaqmd.gov
- Solicitation will close on March 1, 2022 at 5:00PM PT



FYE 2022 CHARGE! PROGRAM RESOURCES

Website: www.baaqmd.gov/charge

- [FYE2022 Charge! Program Guidance \(final\)](#)
- [Application User Guide](#)
- [Interested Partners List](#)
- Questions & Answers
- Sample documents, templates, and resources

Application: baaqmd.fluxx.io



PROJECT ELIGIBILITY

GENERAL APPLICATION ELIGIBILITY

- Businesses, non-profits & public agencies
- Surplus & voluntary
- Proposed projects only – no equipment can be purchased or installed yet
- Good standing
- Maximum award is \$3,000,000 per applicant
- 15% required cost-share/matching funds

Eligible Project Costs

- Charging station hardware, including tax & shipping
- Installation, including labor, materials
- Permit fees
- Hardware equipment to record kWh dispensed (e.g., separate meter)

Ineligible Project Costs

- Consultant fees
- Environmental review
- Maintenance, repairs & operations (subscription, utility and network fees)



FACILITY TYPES



Workplaces



Destinations



Transit Parking Locations



Transportation Corridors



Multi-unit Dwellings



FYE 2022 CHARGE! PROGRAM OVERVIEW

Competitive Solicitation

- Competitive solicitation
- All projects will be scored and ranked (Table 5 of Program Guidance)
- Projects located at multi-unit dwellings, **Environmental Justice communities** and in regions with lower EV charger density will receive higher prioritization

Usage Requirements

- Base usage requirements have decreased, with new options for multi-port DC Fast Chargers
- Separate usage requirements for MUDs
- Funding levels have increased for certain project types

Minimum Grant Amount

Government sponsored & projects exclusively at multi-unit dwellings

- **\$10,000 minimum**

All other projects

- **\$1,000,000 minimum**

**Qualifying amounts are based on the funding levels in the guidance, not the project's total cost*

Online Application

Charge! proposals will be accepted through a new online platform. A link and user guide is posted to the [Charge! Program](#) website

Note: Multi-unit dwelling projects can stack Charge! Program funds with other incentive programs



NEW REQUIREMENTS

Charger Usage & Payment

- If payment is required for charger use, the equipment models must be able to accept credit card and another form of payment (e.g., mobile app, toll-free number)
- Required by Senate Bill 454

Electric Vehicle Infrastructure Training Program (EVITP)

- 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
- Required by Public Utilities Code 740.20



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+ KW

- Within the Air District's jurisdiction
- Publicly accessible, except for multi-unit dwelling locations and chargers to support fleet operations
 - Multi-unit dwellings and fleets must submit an inventory and projection of electric vehicles that will utilize the chargers
- Certified by the Underwriters Laboratories, Inc. (UL) or equivalent safety standards
- Stationary & grid connected



CHARGING STATION FUNDING & USAGE REQUIREMENTS

The usage requirements represent the anticipated usage per charger that should be planned for during project scoping. During project implementation, usage is evaluated in aggregate on a project basis by summing the kWh delivered by each funded charging station during the entire operational period.

BASE FUNDING				
Charging Station Type	Level 1	Level 2 (low)	Level 2 (high)	DC Fast**
Max. Base Funding per Station	\$750	\$1,500	\$3,000	\$18,000
Minimum Usage Requirement (over 3 years) per Station	3,600 kWh	9,000 kWh	18,000 kWh	90,000 kWh
PLUS-UP FUNDING				
<i>Charge!</i> also offers Plus-Up funding, on top of Base funding, for projects who meet one or more of the following:				
Dual-port	N/A	\$1,000		\$10,000
Dual-port Additional Usage Requirement (over 3 years)	N/A	3,000 kWh		30,000 kWh
Solar Power*	\$1 for every watt of solar capacity newly installed, up to \$4,000 (maximum 16,000 kWh)			
Transportation Corridor Facilities	N/A	N/A	N/A	\$7,000
Multi-Unit Dwellings*	\$750	\$2,000	\$4,000	N/A
Multi-Unit Dwellings Additional Usage Requirements (over 3 years)	1,500 kWh	3,150 kWh	6,300 kWh	N/A

*Multi-Unit Dwelling Plus-Up cannot be combined with Solar Power Plus-Up (for an entire project).

**DC Fast charging stations must be paired with a new or existing Level 2.



MULTI-UNIT DWELLINGS IN AB617 COMMUNITIES

CHARGING STATION FUNDING & USAGE REQUIREMENTS

Funding for projects at Multi-Unit Dwellings in AB617 Communities

Charging Station Type	Level 1	Level 2 (single or dual port)	DC Fast* (single or dual port)
Max. Base Funding per Station	\$1,500	\$8,000	\$30,000
Minimum Usage Requirement per Station	Usage/utilization in kWh to be estimated by the Applicant/Project Sponsor in application		

** DC Fast charging stations must be paired with a new or existing Level 2 charger



CHARGE! PROGRAM

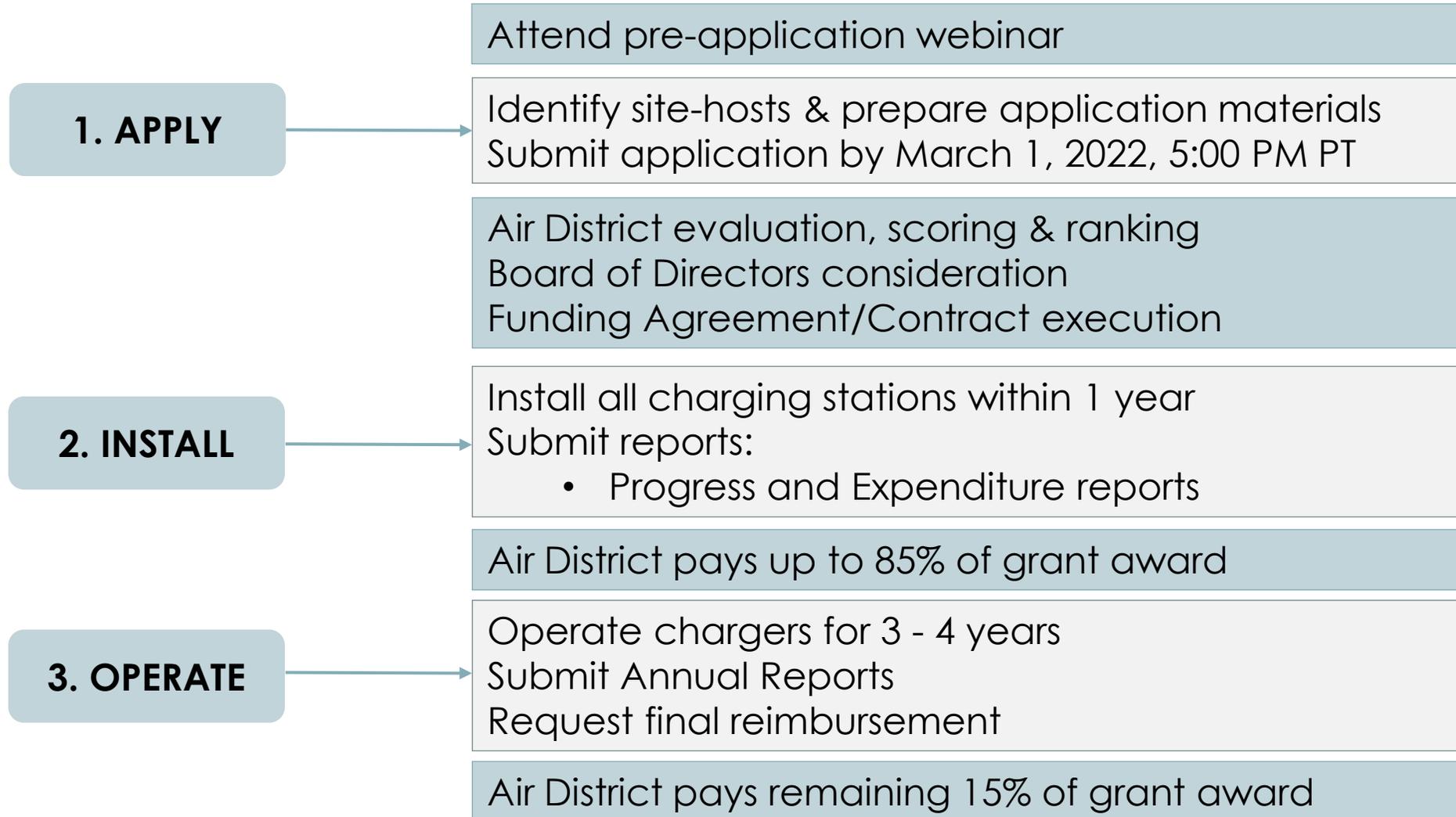
EVALUATION CRITERIA & SCORING

Table 5: Application Evaluation Criteria and Scoring

EVALUATION CRITERIA	POSSIBLE POINTS
Project Details & Implementation Plan <ul style="list-style-type: none"> • Project scope/details • Partners/community support • Location/facility type • Public accessibility • Technology type 	25
Project Benefits <ul style="list-style-type: none"> • # of units to be implemented • # of units per county and facility type • Estimated emissions reductions • Cost-effectiveness • Community support 	25
Priorities <ul style="list-style-type: none"> • Project location: Environmental Justice community, AB617 community, Disadvantaged/Low-income community • Multi-unit dwellings & types of multi-unit dwellings (affordable, below market rate, etc.) 	10
Readiness <ul style="list-style-type: none"> • Resources available • Readiness for implementation • Project timeline 	15
Qualifications <ul style="list-style-type: none"> • Applicant experience/history • Partners' roles and experience • Local/Green business • Minority Business Enterprises (MBE) • Women's Business Enterprises (WBE) 	10
Budget <ul style="list-style-type: none"> • Itemized equipment and infrastructure cost • Co-funding/match • Cost per port installed • Total funds requested 	10
Application Completeness	5
Total Points Possible	100



CHARGE! PROCESS



1. APPLY

Applicant/Project Sponsor

- Submit online application by **March 1, 2022, 5:00PM PT**
 - Letter of commitment / Authority to Apply
 - Proof of property ownership and site host agreements (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
 - W-9
 - Additional project details (see Table 5 of Program Guidance)
- **Ensure no work will begins until a contract is executed**

Air District

- Review application, rank and score all applications
- Issue Notice of proposed Award for eligible projects
- Forward proposed Contract for signature
- Execute Contract and issue Notice to Proceed



2. INSTALL & REIMBURSEMENT

Applicant/Project Sponsor

- Purchase equipment
- Hire a licensed contractor to perform work
- Install and activate equipment
- Obtain and maintain insurance
- Proof of EVITP certification (EVITP Form available on the program website)
- Submit Expenditure Report & supporting documents within 1 year of contract execution
 - Proof of payment (copies of cancelled checks)
 - \$0 balance invoice(s) for eligible costs
 - Photos of all equipment with Air District logo affixed
 - Department of Energy, Alternative Fuel Database

Air District

- Release up to 85% of funds awarded for reimbursement following installation and review of Report(s) & Invoice(s)



3. OPERATE

Applicant/Project Sponsor

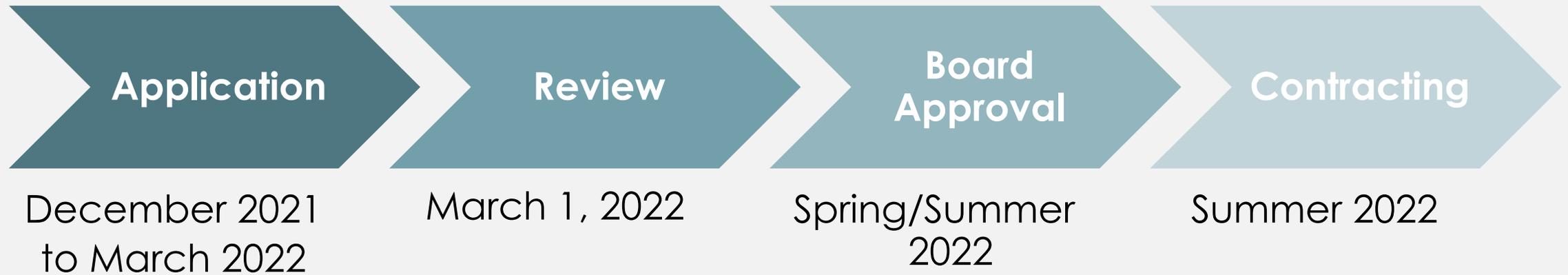
- Operate and maintain equipment for 3 - 4 years
- Ensure usage requirement is met
- Maintain insurance
- Submit Operational and Final Operational Reports

Air District

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



ANTICIPATED PROJECT APPROVAL SCHEDULE



INTERESTED PARTNERS LIST

Providing contact information for site hosts and applicants to connect

Most projects are expected to be large will be awarded over \$1,000,000 in grant funding

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

Vendors/Applicants:

If you are a potential applicant and interested in connecting with site hosts, 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 dfung@baaqmd.gov with the subject "Charge! Interest List"



QUESTIONS

Written questions and answers will be published to the [Charge! Website](#)

- ➔ Submit your questions to dfung@baaqmd.gov, subject “RE: Charge! Program Questions” by **February 15, 2022**
- Staff will only accept meeting requests from community groups and applicants working on multi-unit dwelling projects in Environmental Justice communities
 - Applicants for all other project types must submit written questions

➔ Written questions and responses will be frequently updated during the solicitation and posted to the *Charge! Website*. Final updates will be posted by **March 1, 2022**



FLUXX LABS ONLINE APPLICATION BAAQMD.FLUXX.IO

- Online grants management system
- New user interface & application
- User guide available at www.baaqmd.gov/charge



CREATE AN ACCOUNT



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

Bay Area Air Quality Management District

Login Now:

Sign in

[Reset or create password](#)

New to the Grants Portal?

Create Your User Profile

In order to be considered for funding, you must register for an account. Please click on the "Create an Account Now" button below to start, and ensure you have entered accurate information (including email address) when completing the registration form.

You will then receive an email notification from BAAQMD with login information, which will give you access to the portal and our application forms.

[Create an account now - Clean Cars for All](#)

[Create an account now - Charge! Program](#)



[Privacy Policy](#) [Accessibility](#)



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

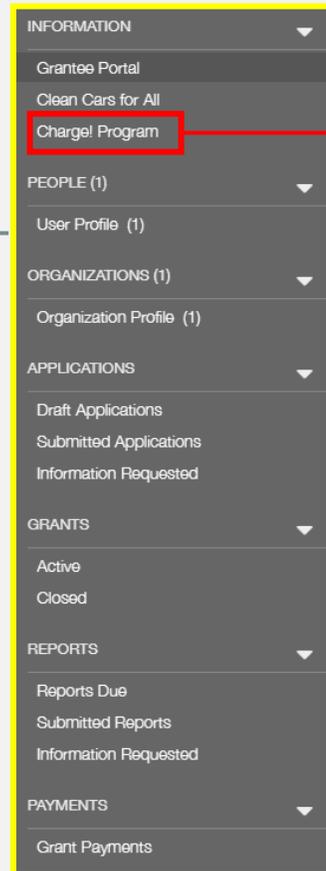


USER PORTAL

Create an application and review tasks (reports)

User Navigation

- Review applications
- Review Reports
- Request Payments



Click to apply

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

How to add a facility & charger components

1

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-Unit Dwelling), charger configurations, plus-up funding requested, and key documents.

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

Facilities



Add a Facilities

Facility Location

Facility Street Address

Facility Street Address 2 (Ste. Unit, etc.)

Facility City

Facility County

Facility Zip Code

Current and future AB617 communities include: West Oakland, Richmond-San Pablo, East Oakland/San Leandro, Eastern San Francisco, Pittsburg-Bay Point, San Jose, Tri-Valley area, and Vallejo. As part of the evaluation criteria, Air District staff will verify if your project is in an eligible AB617 area.

Is this facility located in an AB617 community?

Facility Information

Facility Category

Does the Project Sponsor own the property?

Please indicate the total number of parking spaces at this facility

Save

2

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

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

Charging Station Type



3

Add a Charging Station Type

Charger Quantity

Charger Type

Charger Make

Charger Model

Solar Plus Up

If you're requesting Solar Plus Up, please enter the rating of the new solar panel system below

Enter rating of new solar panel system in watts

Save



QUESTIONS

Email: dfung@baaqmd.gov

Website: www.baaqmd.gov/charge

