

Carl Moyer Program Infrastructure



SOUTH COAST AIR
QUALITY MANAGEMENT
DISTRICT

2023



Eligible Projects



Battery Charging Station

- New, conversion of existing, or expansion



Hydrogen Fueling Station

- New, conversion of existing, or expansion

Truck Stop Electrification*

- Electric Power infrastructure at truck stop providing energy for Heavy Duty Vehicles

* Considered on a case-by-case basis



Eligible Projects (continued)



Stationary Agricultural Pump Electrification

- Infrastructure associated with zero-emission stationary agricultural pump



Shore Power

- Shore-side electrification for projects not subject to CARB's Ocean-Going Vessel At Berth Regulation



Infrastructure for TRUs*

- Supporting zero-emission transport refrigeration unit (TRU)

* Considered on a case-by-case basis

Project Eligibility and Requirements

- ▶ Installed and located in the South Coast Air Basin
- ▶ Comply with all applicable Federal, State, Local laws and requirements
 - ▶ Including environmental laws, State building, environmental and fire codes.
- ▶ New equipment and parts only
 - ▶ Remanufactured and refurbished equipment and parts are not eligible
- ▶ Work performed by a license contractor

Project Eligibility and Requirements (Continued)

▶ Battery Charging Station

- ▶ Chargers must be Level 2 or higher
- ▶ Chargers must be certified by a Nationally Recognized Testing Lab found at <https://www.osha.gov/dts/otpca/nrtl/nrtllist.html>
- ▶ Equipment must have a one-year warranty
- ▶ EVITP Certification (Electric Vehicle Infrastructure Training Program)

▶ Hydrogen Fueling Station

- ▶ Equipment must have a three-year warranty

Project Eligibility and Requirements

(Continued)

- ▶ Publicly Accessible Stations
 - ▶ Accessible to public daily during regular business hours
- ▶ Stationary Agricultural Pump Electrification
 - ▶ Directly power a zero-emission stationary agricultural pump funded by the South Coast AQMD with Moyer Program funds

Project Eligibility and Requirements

► Project Life

Infrastructure Project Type	Minimum	Maximum
All Projects (except stationary agricultural pump electrification projects)	3 years	15 years
Stationary Agricultural Pump Electrification	3 years	10 years

Maximum Percentage of Eligible Cost

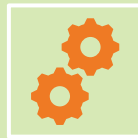
Infrastructure Project	Maximum Percentage
All Projects (unless falls in categories below)	50%
Publicly Accessible Projects (unless falls in categories below)	60%
Projects with Solar/Wind Power Systems*	65%
Publicly Accessible Projects with Solar/Wind Power Systems*	75%
Infrastructure Serving Public School Buses - Battery Charging - Alternative Fueling	100%

**Solar/wind power systems must directly charge the equipment.*

Eligible Costs



Cost of design and engineering
(i.e., labor, permitting, Americans with Disabilities Act accessibility, site preparation, signage, etc.)



Cost of equipment
(i.e., charging/fueling units, parts for electrical upgrade, energy storage equipment, materials, required equipment warranty, etc.)



Meter/data loggers



On-site power generation system that fuels or powers covered sources
(i.e., solar and wind power generation equipment)

Ineligible Costs

- Existing station enhancement
- Fuel and energy costs
- Operation cost (e.g., operational fees, maintenance, repairs, improvements, spare parts)
- Extended warranty
- Insurance
- Data collection and reporting
- Grantee administrative costs
- Travel/lodging
- Employee training and salaries
- Legal fees
- Real estate property purchase/leases
- Construction management
- Storm water plan costs
- Security costs
- Testing and soil sampling
- Security costs
- Hazardous materials, including permitting, handling and disposal

Application Requirements

▶ Annual Usage Projection

▶ Fleet Commitment Information

- ▶ Estimated number of vehicles or equipment that will use the infrastructure

▶ Annual Estimated Equipment Throughput (kWh or GGE)

▶ Technical Specifications

- ▶ Include list of equipment, hardware and components

- ▶ Include compressor size, number of dispensers, number of fuel nozzles, storage capacity, dispensing rate.

▶ Project Timeline/Schedule/Plan

Application Requirements (Continued)

▶ A Site Plan

- ▶ Site location address
- ▶ Site Map - locations of dispenser islands or charger, canopies, fuel storage tanks, compressors, walls and/or spill containment areas as appropriate
- ▶ Documentation showing power/fuel can be provided to the site

▶ Description of other project elements

- ▶ Site amenities such as private access/public access islands, card reader payment options, overhead canopies, signage, traffic circulation plan, landscaping, fencing, security lighting, etc.

Application Requirements (Continued)

- ▶ Solicitation and Selection Process
- ▶ Installer and Vendor Information if available
- ▶ Cost Estimates
 - ▶ Minimum of one itemized quotes from licensed installer and vendor
 - ▶ Include equipment warranty cost
 - ▶ Quotes must be dated within 90 days of application submittal date
 - ▶ Must justify the amount of funding requested
- ▶ Disclosure of all sources of funding
 - ▶ Private, local, other State, Federal funding sources, etc.
 - ▶ Include the amount of each funding

Application Requirements (Continued)

- ▶ Land Ownership/Lease Agreement
 - ▶ If Leased, Lease Agreement must cover the duration of the Project Life
- ▶ Local Permit and Plans
 - ▶ Include type of permits that will be obtained (i.e., building, construction, fire, safety, CEQA)
 - ▶ Submit timeline/plan on when permits will be obtained
- ▶ For Station Expansion Projects Only
 - ▶ Provide the base and new throughput and justification of the expansion

Application Requirements (Continued)

- ▶ For Electric Charging Stations
 - ▶ Include specification of chargers
 - ▶ Show certification by nationally recognized testing laboratory (<https://www.osha.gov/dts/otpca/nrtl/nrtllist.html>)
 - ▶ Number of chargers and connections and average connection time
- ▶ Hydrogen Fueling Station would require similar specifications as mentioned above
- ▶ Provide copies of support/commitment letters (if any)

Infrastructure

Pre & Post-Inspection Requirements



Pre & Post-Inspection

- ▶ Pre-inspection verifies site location and/or existing station
- ▶ Post-inspection verifies that the infrastructure is connected and operational
- ▶ It is the applicant's responsibility to contact assigned project officer to request a post inspection
- ▶ Construction shall not begin until award has been announced

NOTE: All inspections must be conducted, and reports reviewed prior to payment of invoices



Payment / Reimbursement

- ▶ Upon completion of post inspections and reports reviewed
- ▶ Submit itemized invoice that includes equipment cost, equipment warranty, labor, proof of payment, etc.

APPLICATION DEADLINE

Tuesday May 9, 2023 by 11:59 PM

APPLY ONLINE:

South Coast AQMD
Grant Management System at
www.aqmd.gov/moyer



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