

2022 ZERO-EMISSION VEHICLE INFRASTRUCTURE GRANTS FOR MUNICIPALITIES



Office of
Climate Change

Up to **\$5,000,000** is available in this round to municipalities (counties, cities, towns, and villages of the State of New York) for the purchase and installation of electric vehicle supply equipment (EVSE) or hydrogen fuel cell filling stations primarily for public use. **For full program details, see the 2022 Zero-emission Vehicle (ZEV) Infrastructure Grant Program Request for Applications (RFA):** <http://www.dec.ny.gov/energy/109181.html#ZEV>

Infrastructure. Hydrogen filling station components and Level 2 and Direct Current Fast Charge (DCFC) EVSE that appear in the New York State Energy Research and Development Authority (NYSERDA) list of qualified units for the Charge Ready NY Program at <https://www.nysesda.ny.gov/All-Programs/ChargeNY/Charge-Electric/Charging-Station-Programs/Charge-Ready-NY/Qualified-Charging-Equipment-and-Networks> or appear on the Office of General Services EVSE and Network Services state contract at <https://online.ogs.ny.gov/purchase/spg/awards/4040423035CAN.HTM> are eligible.

Eligible Expenses. Equipment, supplies, materials, installation costs, electricity, and site preparation costs are eligible.

Award. A municipality may apply for multiple stations in multiple locations; however, the maximum award amount for any one facility (location) is \$250,000 and to any one municipality (for multiple locations) is \$500,000. There is no minimum award amount.

Requirements. All facilities MUST be available primarily for public use.

Each facility (location) requires a separate application.

If a facility has received funding from the NYSERDA ChargeReady Program, the same facility may **NOT** receive funding from this program for the same equipment installed under ChargeReady. However, additional units may be placed in the same facility using this program funding.

Match. A match of 0 to 20 percent of the total project cost must be provided as local match based, in part, on the median household income of the municipality. See the RFA for details.

Application. Applications are only available through the New York State Grants Gateway at https://grantsgateway.ny.gov/IntelliGrants_NYSGG/module/nysgg/goportal.aspx under the opportunity name "2022 Zero-emission Vehicle (ZEV) Infrastructure Grant Program." Applications will be accepted through 4:00 pm on September 30, 2022, or until funding is exhausted, whichever occurs first.



CONTACT INFORMATION

Myra Fedyniak

Climate Policy Analyst, Office of Climate Change

New York State Department of Environmental Conservation

625 Broadway, 9th floor, Albany, NY 12233-1030 P: (518) 402-8448 ZEVrebate@dec.ny.gov | www.dec.ny.gov

ZEV FAST FACTS

A GUIDE TO THE GRANT



University at Buffalo
Regional Institute
School of Architecture and Planning



Association of Erie County Governments

9771 Partridge Rd.
Colden, NY 14033
(716) 941-3647 Home & Fax
assocofecgov@roadrunner.com

Contact Jason Kulaszewski

Clean Energy Coordinator, University at Buffalo Regional Institute

jasonkul@buffalo.edu 716.878.2441

WHAT IS THIS GRANT?

The Municipal ZEV (Zero-Emission Vehicles) Infrastructure Grant program provides grants to cities, towns, villages, and counties to install hydrogen fuel filling station components and Level 2 (L2) and direct current fast charge (DCFC) electric vehicle supply equipment (EVSE) primarily for public use.

MUNICIPAL CONSIDERATIONS

Grant Match Requirements

Median Household Income (MHI) is a determinant of the community's cost share percentage:

- 20% Match if >\$71,117 MHI
- 10% Match if \$56,893-71,116 MHI
- 0% Match if <\$56,893 MHI

Ways to Cover the Matching

The Make Ready Program

Long Term Expenses

- Networking the Station
- Software Upgrades
- Maintenance Planning (required by the grant)

Charging Users and How Much

This can vary by municipality, but needs to be considered

Where To Locate the Station

- All facilities MUST be available for public use
- Accessible to electricity
- Added value to businesses
- Municipal Lots
- Parks

**The deadline for the 2022 round is
4:00pm on September 30, 2022**

WHAT IS THE DIFFERENCE BETWEEN A LEVEL 2 AND DC FAST CHARGE?

Level 2



VOLTAGE:
208V or 240 V 1-Phase AC
AMPS:
12-80 Amps (Typ. 32 Amps)
CHARGING LOAD:
2.5-19.2 kW (Typ. 6.6 kW)
CHARGING TIME:
12-60 Miles per Hour

DC Fast Charge



VOLTAGE:
208V or 480V 3-Phase AC
AMPS:
>100 Amps
CHARGING LOAD:
50-350 kW
CHARGING TIME:
60-80 Miles in 20 Minutes

image from: advancedenergy.org

A partnership of the University at Buffalo Regional Institute and the Association of Erie County Government Climate Smart Committee