



Department of  
Environmental  
Conservation

## Municipal Zero-emission Vehicle Program

Report to the Legislature: April 1, 2020 through March 31, 2021

New York State Department of Environmental Conservation

Office of Climate Change

April 2021



## Authorization

The Municipal Zero-emission Vehicle Program is governed by Title 15 (Climate Smart Community Projects) of Article 54 (Environmental Protection Act) of the Environmental Conservation Law (ECL). ECL § 54-1521 (Clean Vehicle Projects) authorizes the Department of Environmental Conservation (DEC) to issue rebates to municipalities within New York State toward the purchase or lease of eligible vehicles and to provide grants to support the installation of eligible vehicle infrastructure. DEC's Office of Climate Change (OCC) administers this funding program as the Municipal Zero-emission Vehicle (ZEV) Program with two components: ZEV rebates and ZEV infrastructure grants. Qualifying vehicles, infrastructure, and procedures are set forth in 6 NYCRR Part 492.

The goal of the program is to support the adoption of clean vehicle technology in New York State and reduce greenhouse gas emissions. General information on this program is available on the Office of Climate Change Grant Funding for Municipalities web page at <http://www.dec.ny.gov/energy/109181.html#ZEV>.

OCC is providing this program status report pursuant to ECL § 54-1521(5).

## Municipal ZEV Rebate Program

The Municipal ZEV Rebate Program provides municipalities with rebates toward the purchase of all-electric vehicles, plug-in hybrid vehicles, and hydrogen fuel cell vehicles for fleet use. Eligible vehicles with an electric range of 10 to 50 miles receive a rebate of \$2,500, and those with an electric range of 51 miles or greater receive a rebate of \$5,000.

### Activity

DEC made \$500,000 available to municipalities in round four, which began on September 18, 2019, and closed on July 24, 2020. During State Fiscal Year (FY) 2020-2021, the vehicle rebate program was open from April 1, 2020, to July 24, 2020. Activity outside of FY 2020-2021 is reported in the corresponding FY report.



## Awards

In State FY 2020-2021, DEC awarded a total of 5 rebates totaling \$97,500 for 12 all-battery electric vehicles and 15 plug-in hybrid vehicles.

## Municipal ZEV Infrastructure Grant Program

The Municipal ZEV Infrastructure Grant Program covers eighty percent of a municipality's eligible costs toward the installation of Level 2 electric vehicle charging stations, direct current fast charge (DCFC) stations, or hydrogen fuel cell filling station components for public use. Maximum award per facility is \$250,000. Maximum award to any one municipality for multiple facilities is \$500,000.



## Activity

DEC made \$2.5 million dollars available to municipalities for infrastructure grants in round three of the Municipal ZEV Infrastructure Grant Program, which began on September 18, 2019, and closed May 29, 2020. During State FY 2020-2021, the infrastructure program was open from April 1, 2020, to May 29, 2020. Activity outside of FY 2020-2021 is reported in the corresponding FY report.

## Awards

In State FY 2020-2021, DEC awarded 32 grants totaling \$949,346.88 for 64 Level 2 charging ports and three DCFC pedestals.

## Program Totals

Since the program's inception in FY 2016-2017 through the end of FY 2020-2021, allocations to the Municipal ZEV Program totaled \$6,000,000. Awards through March 31, 2021, totaled \$4,812,003.86 for 113 plug-in hybrid vehicles, 75 all-electric vehicles, one hydrogen fuel station upgrade, 10 DCFC pedestals, and 419 Level 2 charging ports. Municipalities have declined awards totaling \$241,977.83. DEC will continue to include unawarded funds in subsequent rounds of the ZEV Program.

Table 1. Municipal ZEV Program awards, by fiscal year.

<b>Fiscal Year</b>	<b>Vehicles</b>	<b>ZEV Infrastructure</b>	<b>Hydrogen Fuel Cell</b>
FY 2016-2017 (Round 1 September 9, 2016, to March 31, 2017)	\$265,000	\$1,256,650	\$250,000
FY 2017-2018 (Round 2 September 13, 2017, to March 31, 2018)	\$52,500	\$266,015	\$0
FY 2018-2019 Round 2 (April 1, 2018, to May 31, 2018) and Round 3 (October 15, 2018 to March 31, 2019)	\$125,000	\$719,352	\$0
FY 2019-2020 Round 3 (April 1, 2019, to July 26, 2019) and Round 4 (September 18, 2019, to March 31, 2020)	\$182,500	\$648,139	\$0
FY 2020-2021 Round 4 (April 1, 2020, to May 29, 2020, infrastructure and April 1, 2020, to July 24, 2020, vehicles)	\$97,500	\$949,347	\$0

Table 2. Regional distribution awards by economic development region, from September 9, 2016, to March 31, 2021.

<b>REGION</b>	<b>Vehicles</b>		<b>ZEV Infrastructure</b>		
	<b>All-Electric</b>	<b>Plug-in Hybrid</b>	<b>Level 2<sup>1</sup> Ports</b>	<b>DCFC<sup>2</sup> Pedestals</b>	<b>HFC<sup>3</sup> Stations</b>
Western NY	7	7	48	2	
Finger Lakes	4	1	38	1	
Southern Tier	3	6	2		
Central NY	1	2	10		
Mohawk Valley	1	2	20		
Capital District	9	1	34	1	
North Country			12		
Mid-Hudson	36	23	201	6	
New York City	5	65	10		
Long Island	9	6	44		1
Totals	75	113	419	10	1

<sup>1</sup>Level 2 charging

<sup>2</sup>Direct current fast charge

<sup>3</sup>Hydrogen fuel cell