

Municipal Zero-emission Vehicle Program

Report to the Legislature: April 1, 2018 through March 31, 2019

New York State Department of Environmental Conservation

Office of Climate Change

January 2020



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 and reduce greenhouse gas (GHG) 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).

Activity

Round 3 of the Municipal ZEV Rebate Program began on October 15, 2018 and closed on July 26, 2019. \$300,000 was made available to municipalities toward the purchase of eligible vehicles, which include all-electric vehicles, plug-in hybrid vehicles, and hydrogen fuel cell vehicles. During state fiscal year (FY) 2018-2019, the Municipal ZEV Rebate Program was open from October 15, 2018 to March 31, 2019. As the open rebate period overlapped two fiscal years, activity from April 1, 2019 to July 26, 2019 will be included in the 2020 report.

Round 2 of the Municipal ZEV Infrastructure Grants Program began on September 12, 2017 and closed May 31, 2018. \$2.2 million was made available to municipalities for the installation of electric vehicle supply equipment (EVSE) and hydrogen fuel filling station components for public use. During state FY 2018-2019, the Municipal ZEV Infrastructure Grant Program was open from April 1, 2018 to May 31, 2018. As the open grant period overlapped two fiscal years, activity from September 12 through March 31, 2018 was included in the 2018 report.

Funds not awarded in a round have been combined with newly allocated funds and made available in the next round.

Awards

ZEV Rebates

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. In state FY 2018-2019, DEC awarded a total of \$57,500 for nine all-battery electric vehicles and four plug-in hybrid vehicles.



ZEV Infrastructure Grants

The infrastructure program covers eighty percent of a municipality's eligible costs toward the installation of Level 2 electric vehicle charging stations (capped at \$8,000 per port), direct current fast charge (DCFC) stations (capped at \$32,000 per pedestal), or hydrogen fuel cell filling station components. In state FY 2018-2019, DEC awarded a total of \$719,352 for 96 public charging ports.



Table 1 provides a summary of vehicle rebate and infrastructure awards.

Table 1. Municipal ZEV Program awards, by fiscal year. Data for remainder of Round 3 (April 1, 2019 – July 26, 2019) will be included in the FY 2019-2020 report.

Fiscal Year	Vehicles	ZEV Infrastructure	Hydrogen Fuel Cell
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 to May 31, 2018	\$70,000	\$719,352	\$0
FY 2018-2019 Round 3 October 15, 2018 to March 31, 2019	\$57,500	N/A	N/A

Program Totals

Allocations to the combined ZEV vehicle rebates and infrastructure grants programs from 2016 through 2019 totaled \$6,000,000. Awards through that period totaled \$3,082,018, although awardees have declined awards totaling \$105,950. Of the remaining \$3,023,932, \$3,000,000 is currently available to municipalities through two open RFAs. DEC will continue to include any available unawarded funds in subsequent rounds of funding.

Since the program’s inception in FY 2016-2017 through the end of FY 2018-2019, the Municipal ZEV Rebate Program has made 43 awards totaling \$445,000 for 117 municipal vehicles (36 all-electric vehicles and 81 plug-in hybrids). During the same time period, the ZEV Infrastructure Grant Program made 129 awards totaling \$2,492,018 toward the installation of 320 charging ports (315 Level 2 and five DCFC) and the upgrade of one hydrogen fuel filling station.

Table 2. Regional distribution of the total number of vehicles and types of infrastructure awarded, by economic development region, from September 9, 2016 to March 31, 2019.

REGION	Vehicles		ZEV Infrastructure		
	All-Electric	Plug-in Hybrid	Level 2 ¹ Ports	DCFC ² Ports	HFC ³ Stations
Western NY		7	4	2	
Finger Lakes	1		20	1	
Southern Tier		6	4		
Central NY			8		
Mohawk Valley	1	2	32		
Capital District	1		36	1	
North Country			8		
Mid-Hudson	27	9	143	1	
New York City		51	10		
Long Island	6	6	20		1

¹Level 2 charger

²Direct current fast charger

³Hydrogen fuel cell