



MISSION ELECTRIC: A RESOURCE HUB AND EDUCATION CAMPAIGN TO ADVANCE TRANSPORTATION ELECTRIFICATION IN NEW YORK

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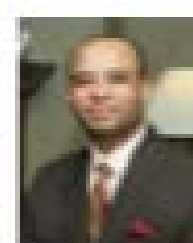
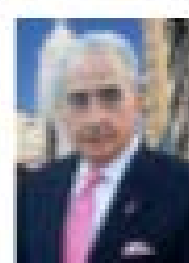
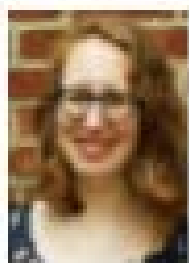
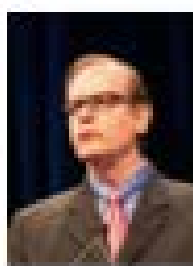
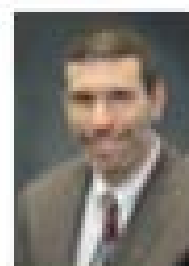
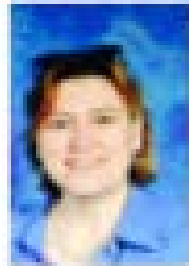
WHO ARE WE?

EMPIRE CLEAN CITIES

We are a New York-based 501(c)(3) not-for-profit environmental organization.

Our mission is to ENSURE CLEAN AIR FOR FUTURE GENERATIONS by providing citizens and stakeholders with reliable information about alternative fuels and advanced vehicle technologies.

Mission Electric is our EV campaign and online resource hub, relaunched in 2020.

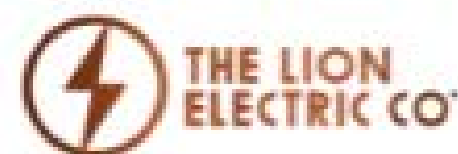


WHO ARE WE?

- Designated U.S. Department of Energy's Clean Cities Coalition for NYC & the Hudson Valley.
- National network of over 80 local coalitions that have helped place nearly a million alternative fuel vehicles (AFVs) across the country.
- Access to data, information and a nationwide-network; competitive funding opportunities; and support from U.S. DOE Vehicle Technology Office and National Labs.



OUR MEMBERS



WHAT IS MISSION ELECTRIC?

Mission Electric is a one-stop shop for learning about electric vehicles (EVs), their benefits for the environment and available funding as a New York resident.

Our mission is to electrify and improve our region's sustainable mobility options.

1 DRIVING INFRASTRUCTURE

Help develop a well-maintained, conveniently-located EV charging network.

2 DRIVING AWARENESS

Showcase how EVs can help everyone save money, save time, and lower emissions.

3 DRIVING POLICY

Support policies at the local, state, and federal levels that encourage the adoption of zero emission vehicles.

4 DRIVING AVAILABILITY

Make sure citizens and fleets have access to EVs that suit a wide range of applications and purposes.

A close-up photograph of a person's hands plugging a black charging cable into the charging port of a red electric vehicle. The person is wearing a dark blue shirt and has red nail polish. The background is slightly blurred, showing the side of the car and some outdoor lighting.

HOW WE DO IT

- Provide education and outreach to decision makers, fleets, and the public
- Connect fleets with alternative fuel providers, industry partners, and resources
- Offer training and access to technical assistance
- Identify funding and incentive opportunities
- Collect and analyze regional data
- Alternative Fuel Corridor planning

New York Truck Voucher Incentive Program (NYTVIP):

- Administered by NYSERDA
- Funding covers incremental cost of class 3-8 on-road trucks and transit and school buses
- Scrappage of older vehicle required
- www.nyserda.ny.gov/All-Programs/Programs/Truck-Voucher-Program

FUNDING OPPORTUNITIES: STATE FUNDING

Vehicle Type	Fuel Type	Incremental Cost %	Voucher Amount: Vehicle Weight Class (GVWR)					
			3	4	5	6	7	8
On-Road Trucks	BEV	95%	\$ -	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
	FCEV	95%	\$ -	\$ 100,000	\$ 110,000	\$ 125,000	\$ 150,000	\$ 185,000
	PHEV	90%	\$ -	\$ 55,000	\$ 60,000	\$ 70,000	\$ 100,000	\$exhausted
	HEV	90%	\$ -	\$ 25,000	\$ 35,000	\$ 45,000	\$ 50,000	\$exhausted
	CNG	90%	\$ -	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$exhausted
	Propane	90%	\$ -	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$exhausted
Transit Buses	BEV	100%	\$ -	\$ 100,000	\$ 125,000	\$ 150,000	\$ 250,000	\$ 385,000
	FCEV	100%	\$ -	\$ 100,000	\$ 125,000	\$ 150,000	\$ 250,000	\$ 385,000
School Buses	BEV	100%	\$ -	\$ 100,000	\$ 120,000	\$ 150,000	\$ 200,000	\$ 220,000
	CNG	90%	\$ -	\$ 30,000	\$ 40,000	\$ 50,000	\$ 55,000	\$ 60,000
	Propane	90%	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Other Buses and Trucks	BEV	80%	\$ 60,000	\$ 90,000	\$ 100,000	\$ 110,000	\$ 120,000	\$ 150,000



New York City Clean Trucks Program:

- Administered by NYC DOT
- Funding for class 4-8 trucks
- Must be located in or operating within 0.5 miles of program-approved IBZs in NYC
- Scrappage of older vehicle required
- Rebate incentives distributed to the participating dealership
- <https://www.nycctp.com/>

FUNDING OPPORTUNITIES



Class 4	\$100,000
Class 5	\$110,000
Class 6	\$125,000
Class 7	\$150,000
Class 8	\$185,000

	 CNG	 Hybrid	 Diesel	
	CNG Replacement Truck	Diesel-Electric Hybrid	Plug-In Hybrid Electric	Diesel Replacement Truck
Class 4	\$30,000	\$25,000	\$55,000	\$12,000
Class 5	\$40,000	\$35,000	\$60,000	\$13,000
Class 6	\$50,000	\$45,000	\$70,000	\$20,000
Class 7	\$55,000	\$50,000	\$100,000	\$21,000
Class 8	\$60,000	\$55,000	\$120,000	\$30,000



PENDING BUDGET

- US Dept. of Energy's Office of Energy Efficiency and Renewable Energy (EERE): <https://eere-exchange.energy.gov/>
- EPA's Diesel Emission Reduction Act (DERA): www.epa.gov/dera/national
- Clean School Bus Rebate: <https://www.epa.gov/dera/rebates>
- Airport Zero Emission Vehicle (ZEV) and Infrastructure Pilot Program: https://www.faa.gov/airports/environmental/zero_emissions_vehicles/

FUNDING OPPORTUNITIES: FEDERAL

A hand in a dark suit sleeve is holding a white, textured sack. The sack is tied at the top and has the word "GRANT" printed on it in blue, bold, capital letters. The background is a bright blue sky with light clouds.

GRANT

FUNDING OPPORTUNITIES: UTILITIES

Con Edison's Power Ready Program:

<https://www.coned.com/en/our-energy-future/technology-innovation/electric-vehicles/power-ready-program>

PSEG Long Island EV Make Ready Program:

<https://www.psegliny.com/saveenergyandmoney/greenenergy/ev/makeready>



INCENTIVES AND REBATES



FEDERAL EV TAX CREDIT

Tax credit for the purchase of a new plug-in electric drive motor vehicle. Credit amount depends on the car's battery capacity.

Typical amount: \$2,500 - \$7,500

NY STATE DRIVE CLEAN REBATE

The NYS Drive Clean Rebate is a point-of-sale rebate on the purchase or lease of a new EV.

Rebate: up to \$2,000 based on the all-electric range of a vehicle.

SMARTCHARGE NY

Con Edison Customers who own or lease an EV, can earn a \$150 sign-up reward, FREE connected car device, and the possibility to earn up to \$1,000 for charging during off-peak hours.

OTHER PERKS

- Green Pass Discount Plan - 10% E-ZPass rate discount
- HOV Lane Exemption
- Emissions Inspection Exemption (NYS)

INCENTIVES AND REBATES

PSEG SMART CHARGER REBATE

PSEG offers Long Island residential customers a rebate to install a qualified Level 2 EV charging device.

Amount: \$500

NYS ALT. FUELS & EV PROPERTY CREDIT

NYS credit for businesses who make investments in new electric vehicle charging infrastructure.

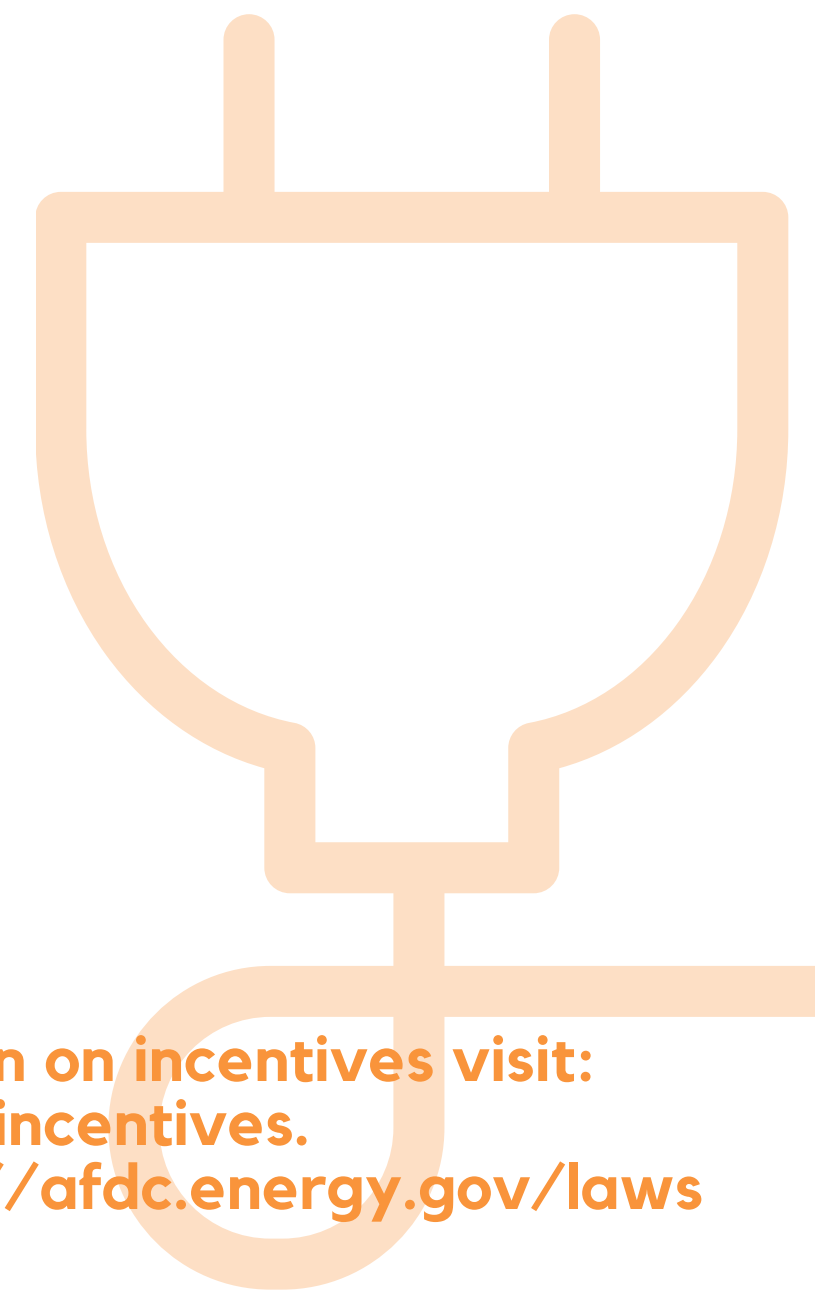
Amount: Credit for each installation is equal to the lesser of \$5,000 or 50% of the cost of property.

FEDERAL REFUELING PROPERTY CREDIT

The Alt. Fuel Vehicle Refueling Property Credit from the IRS gives eligible US businesses and residents credits for installing EVSE.

Amount: 30% off EV charging hardware purchase (up to \$30,000). Extends to purchases made in 2018-19.

- For more information on incentives visit: [Missionelectric.org/incentives](https://missionelectric.org/incentives).
- Out of state: <https://afdc.energy.gov/laws>





HOW WE CAN HELP

- Training & alternative fuel planning for fleets
- Project and funding application assistance for local municipalities and fleets
- Data-driven public information, outreach, and education



10/14: EMPIRE CLEAN VEHICLE FESTIVAL

A showcase of clean transportation technologies operating in the region. More information:
bit.ly/ECVF2021



10/27: 511 CLEAN TRANSPORTATION: WHAT MUNICIPALITIES CAN DO WEBINAR

<https://www.eventbrite.com/e/clean-transportation-what-municipalities-can-do-tickets-185762268947>

UPCOMING EVENTS

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THANK YOU!

