



NYSERDA

New York State and EVs

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ChargeNY

- In the 2013 State of the State Address, Gov. Cuomo outlined a plan to:
 - Install more than 2,500 new public and workplace charging stations statewide by 2018
 - Reform regulations at the State and local level to facilitate PEV charging
 - Educate consumers and policymakers about the benefits of PEVs
 - Demonstrate benefits of new PEV technologies

Progress To Date

- Over **12,000** EVs and PHEVs registered in NYS
- Approximately **1,200** Charging Stations in NYS
- Over a decade of **research on EVs and Charging Stations**
- Continued work on **breaking down regulatory barriers** with PSC and local governments

Programs In Place

- ChargeNY Website
- Charging Station Deployments
- EV Fleet Deployments
- EV-Enabling Technology Demonstration Program
- Cleaner Greener Communities
- Local Waterfront Revitalization Program
- Transportation and Climate Initiative's EV Readiness Project
- Multi-state Zero Emission Vehicle MOU

ChargeNY Website


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Electric Vehicles

Drive with clean power

Electric vehicles (EVs) save money and reduce air pollution. Compared to gasoline-powered cars, EVs are more energy efficient and cost about 50 to 70% less to operate per mile. Because New York's electricity includes clean sources, EVs reduce greenhouse gas emissions and pollutants that cause smog and acid rain. New York State is striving to be ready to accommodate more than 30,000 plug-in electric vehicles by 2018 and 1 million by 2025 through ChargeNY.

[Learn more about ChargeNY](#)

Electric vehicles live in New York State



New York State has resources to help residents answer their questions about electric vehicles, ranging from purchasing the right electric vehicle to finding the right place to install a charging station or setting local rules to encourage electric vehicle adoption in your area. The following pages can help you get started:

[EV Buyers & Dealers](#)
[Planners & Municipalities](#)
[Charging Station Installers & Inspectors](#)
[Fleet Operators](#)


Charging Station Deployments

- Installed over 500 charging stations to date
 - Collecting usage data, published on ChargeNY website
- New York State Tax Credit
 - 50% up to \$5,000 per installation (for public and workplace charging) from January 1, 2013 to December 31, 2017
- Upcoming program to establish purchasing collaborative for charging stations
 - Including targeted additional incentives

EV Fleet Deployments

- In the 2015 State of the State Address, Gov. Cuomo announced the Clean Fleets NY initiative, which will introduce EVs into state fleets starting in 2016
- NYSDEC, NYPA, and NYSERDA are collaborating with OGS on new models for public fleets to purchase or lease EVs
- New models would be available to municipalities too

EV-Enabling Technology Demo

- Funding studies and demos to help overcome market barriers to broader EV adoption
- Researching new technologies, strategies, and policies
- PON 3016 Round 2 due in late August / early September

Cleaner Greener Communities

- Community-scale sustainability projects
- \$500,000 to \$3 million in NYSERDA funds per project, \$25 million total
- EV Market Development is priority area in 2015
 - Community-based electric vehicle purchase incentives
 - Model Electric Vehicle (EV) Communities or Regions
- Proposals due through CFA on July 31

Cleaner Greener Communities

- Ongoing Programs
 - Category 1: PV and EV Permitting Incentives
 - \$2,500 or \$5,000 per municipality to update permitting and zoning ordinances
 - Category 2: Flexible Funding Pilots
 - Municipalities can request \$25,000 to \$250,000 in NYSERDA money
 - Eligible activities include: Right-size the local government fleet; Replace traditional vehicles with advanced vehicles; Convert streetlights and traffic signals to LED; Implement strategies that support bicycling, walking, and public transit; and more

Local Waterfront Revitalization Program

- Available to municipalities located along a coast or inland waterway
- Proposals due July 31
- Funding available for preparing or implementing a Clean Transportation Strategy, including:
 - Developing a comprehensive clean infrastructure strategy such as an EV development plan
 - Developing strategies or plans for (among others): establishing EV charging stations and promoting EV charging use; incorporating EVs into public fleets
 - Conducting feasibility studies for (among others) EV charging in public parking lots, commercial areas, or workplaces

TCI EV Readiness Program

- NYSERDA (on behalf of TCI) received \$1 million EV Readiness Grant from DOE in 2011 to plan for the rollout of EV infrastructure in the Northeast
- Worked with 11 states, 16 Clean Cities Coalitions
- Created siting and design guidelines and model permits, building codes, and ordinances for EV infrastructure tailored to the region

TCI EV Readiness Program

Key Documents for MPOs to Know About

- Siting and design guidelines for charging stations
- Planning policy tool guide
- Charging station signage overview
- Permitting best practices

Multi-State ZEV MOU

- In October 2013, Gov. Cuomo and seven other governors (CA, CT, MA, MD, OR, RI, VT) signed an MOU agreeing to cooperate to expedite the deployment of zero emission vehicles (EVs and fuel cell vehicles)
- Agency staff developed an action plan, which includes incentives, collaborative programs and research
- Focus areas include marketing, incentives, fleets, infrastructure planning and regulation, signage, and workplace charging
- NYS is implementing elements for our state

Ways to Work with NYS on EVs

- Adopt EV best practices
- PON 3016 Demonstration Projects
 - Opportunities to study new technologies, policies
- Cleaner, Greener Communities
 - Multiple opportunities available right now
- Local Waterfront Revitalization Program
 - Additional CFA opportunity for municipal clean transportation projects
- Future EVSE Incentives
 - Purchasing collaborative
 - Incentives for municipalities

For More Information

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