



NYSERDA

New York's EV Progress and Direction

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Significant Progress in NYS Since 2012

2012	2016	2017
2,500 current EV registrations	16,500 current EV registrations	24,000 current EV registrations
Sales up 300% from previous year (from a very low number)	Sales up 45% from previous year	Sales up 70% from previous year
No EV rebates	EV truck rebates	Passenger and truck EV rebates
500 Charging Ports	1,500 Charging Ports	2,000 Charging Ports
No EVSE incentives	EVSE tax credit	EVSE tax credit, municipal rebates, additional incentives
No organized consumer outreach	Beginning of consumer awareness and outreach activities	Wide-reaching consumer awareness and outreach activities

Charge NY Goals

- Up to 850,000 EVs on the road by 2025
- 10,000 charging stations by 2021
- EV-supporting travel corridors across NYS
- Increased consumer awareness and adoption
- Broader policies to reduce transportation GHG emissions

Needs for Continued EV Growth

- Improved consumer awareness and acceptance
- Continued movement toward price parity with ICEs
- Better charging solutions for apartment dwellers
- Ways to improve the economics of owning EVSE
- Ways to bring down EVSE site acquisition costs
- Economically viable ways to minimize grid impacts
- Better planning of EVSE siting, especially for DCFCs
- Charging station interoperability

Key Current Activities

- Drive Clean Rebate and Truck Voucher Program
- NYS tax credit; incentives for municipal EVSE, Thruway EVSE, workplace & public charging stations
- Joint EV awareness campaign with NE states, automakers
- R&D, demonstration projects through PON 3578
- VW settlement funds (planning stage)
- Collaboration/coordination with Electrify America
- BCA to assess EV benefits for utilities, ratepayers, society
- JU EV Readiness Framework

Roles and Needs for Energy Storage

- Battery range improvements
- Minimizing electric grid impacts, esp. from DCFCs
- Stacking value with other electric grid uses
- Enabling additional EV use cases – charging hubs for taxis/ridehailing, HDVs, etc.
- Mobile charging options