New York’s EV Programs

Jason Zimbler
September 17, 2020
Gov. Cuomo’s EV Agenda

> Signatory of Light-Duty ZEV MOU and recent Medium-/Heavy-Duty ZEV MOU
  • Up to 850,000 Light-Duty EVs on the road by 2025
  • All new MD/HD sales to be ZEV by 2050

> EV infrastructure enabling statewide EV travel
  • 10,000 EVSE by end of 2021
  • 10 locations with DCFC in each REDC by end of 2022

> Major EV investments
  • NYSERDA-administered rebate programs for EVs, EVSE
  • $250M NYPA EVolveNY program
  • $700M PSC make-ready order

> VW Settlement funds focused primarily on truck and bus electrification

> Largest transit operators will only run electric buses by 2040
## EV & EVSE in NY Today

<table>
<thead>
<tr>
<th>REDC</th>
<th>Original Registrations</th>
<th>EVs on the Road</th>
<th>LDVs on the Road</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Region</td>
<td>5,193</td>
<td>4,323</td>
<td>736,829</td>
</tr>
<tr>
<td>Central New York</td>
<td>2,108</td>
<td>1,779</td>
<td>479,688</td>
</tr>
<tr>
<td>Finger Lakes</td>
<td>4,814</td>
<td>3,947</td>
<td>775,074</td>
</tr>
<tr>
<td>Long Island</td>
<td>20,891</td>
<td>15,888</td>
<td>2,014,665</td>
</tr>
<tr>
<td>Mid-Hudson</td>
<td>12,959</td>
<td>10,168</td>
<td>1,525,956</td>
</tr>
<tr>
<td>Mohawk Valley</td>
<td>1,092</td>
<td>905</td>
<td>299,346</td>
</tr>
<tr>
<td>New York City</td>
<td>14,336</td>
<td>11,226</td>
<td>1,945,423</td>
</tr>
<tr>
<td>North Country</td>
<td>873</td>
<td>687</td>
<td>245,640</td>
</tr>
<tr>
<td>Southern Tier</td>
<td>2,087</td>
<td>1,808</td>
<td>385,231</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>69,136</strong></td>
<td><strong>53,905</strong></td>
<td><strong>9,310,701</strong></td>
</tr>
</tbody>
</table>

### Cumulative Charging Ports

- DC Fast Charge Ports
- Level 2 Ports

<table>
<thead>
<tr>
<th>Year</th>
<th>2010</th>
<th>2015</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ports</td>
<td>6</td>
<td>53</td>
<td>627</td>
</tr>
</tbody>
</table>

Cumulative Charging Ports
Charging Stations
Current NYS Charging Station Programs

> Charge Ready NY - $4,000 per port for L2 chargers

> 50% NYS business tax credit through 2022 - Up to $5,000 per charging station

> NYPA EVolve NY

> PSC Make-Ready Order – utilities developing programs to cover up to 100% of the costs up to the charger
Electric Cars & Trucks
Current NYS EV Programs

> Drive Clean Rebate $55M Program - Up to $2,000 per vehicle, depending on electric range

> DEC Municipal Rebates for EVs

> New York Truck Voucher Incentive Program

> Toll Discounts
Drive Clean Rebate for EVs

**HOW THE DRIVE CLEAN REBATE WORKS**

1. **Find Your Favorite Plug-in Hybrid or Battery-Powered Car**
2. **Go to the Nearest Participating Dealer and Try the Electric Car You Like**
3. **Get up to $2,000 off Your Electric Car Purchase**

**DRIVE CLEAN REBATE FOR ELECTRIC CARS**

The Drive Clean Rebate amount depends on the EPA all-electric range for that car model.

- **Greater than 120 miles**: $2,000 off
- **40 to 119 miles**: $1,700 off
- **20 to 39 miles**: $1,100 off
- **Less than 20 miles**: $500 off

Electric cars with MSRP >$60,000 (MSRP is the manufacturer’s suggested retail price)
Point-of-sale discounts to reduce the cost of all-electric (BEV) and alternative fuel vehicles (AFV)

Vouchers cover most of the incremental cost

BEV and AFV technologies are cleaner, quieter, and frequently cost less to operate

Must scrap a 2009 or older diesel truck
  • Scrappage ensures removal of the oldest, dirtiest diesel engines from New York roads

More info at https://www.nyserda.ny.gov/Truck-Voucher-Program or contact NYTVIP@energycenter.org
Weight classes 3-8 (>10,000 lbs)

Fuel types:
- Battery electric (BEV)
- Plug-in hybrid electric (PHEV)
- Conventional hybrid (HEV)
- Compressed natural gas (CNG)
- Propane (LPG)
For More Information

> Contact Jason Zimbler, jason.zimbler@nyserda.ny.gov

> Visit:
  • Charge NY: https://www.nyserda.ny.gov/ChargeNY
  • Charge Ready NY: https://www.nyserda.ny.gov/Charge-Ready-NY
  • NYTVIP: https://www.nyserda.ny.gov/Truck-Voucher-Program
  • Drive Clean Rebate: https://www.nyserda.ny.gov/Drive-Clean-Rebate