



**NYSERDA**

# **New York's EV Programs**

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# Significant Progress in NYS Since 2012

	2012	2016	2017	Today
<b>EV Registrations</b>	2,500	16,500	24,500	31,000
<b>YoY Sales Growth</b>	300% (from a very low number)	45%	70%	65%
<b>EV Rebates</b>	None	Truck	Passenger and truck	Passenger and truck
<b>Charging Ports</b>	500	1,500	2,000	2,400 (300 DCFC)
<b>EVSE Incentives</b>	None	EVSE tax credit	EVSE tax credit, municipal rebates, add'l incentives	EVSE tax credit & incentives, NYPA investment in DCFC
<b>Consumer Awareness &amp; Outreach</b>	No organized outreach	Beginning of activities	Wide-reaching activities	Wide-reaching activities

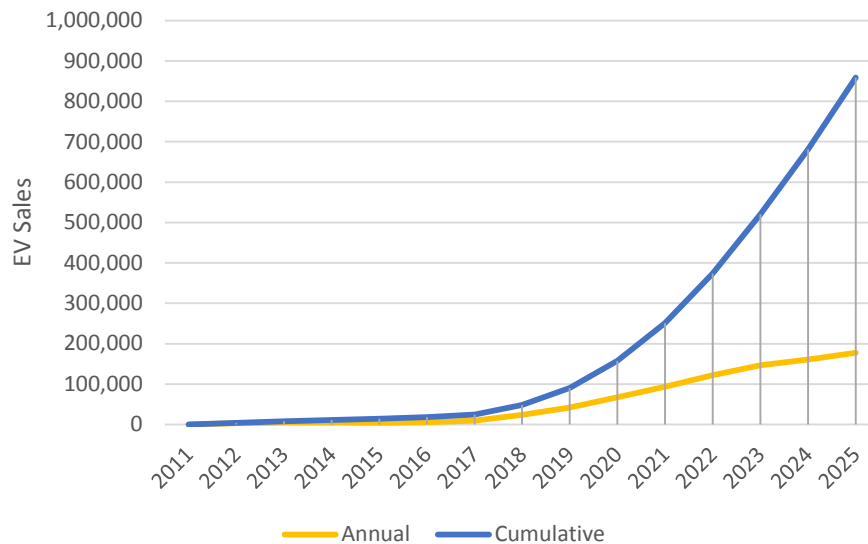
# Charge NY Goals

- Driven by NYS GHG goals – 40 x 30
- Up to 800,000 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

# How Big is the Challenge?

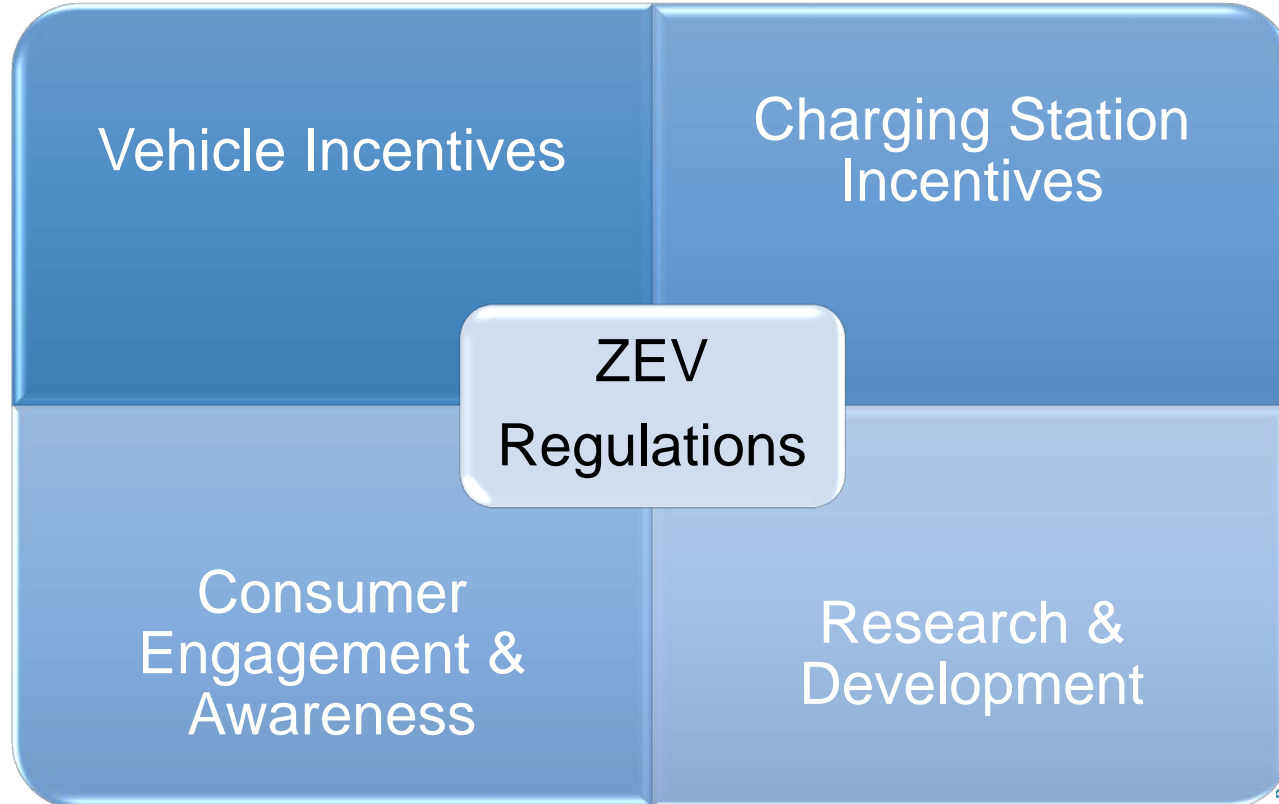
EV Sales 2011 to Present

Projected Sales to Meet ZEV Goals



Source: Auto Alliance Advanced Technology Vehicle Sales Dashboard

# Key Current Activities



# Current NYS EV Programs

- Drive Clean Rebate (~\$40M remaining)
  - Up to \$2,000 per vehicle, depending on electric range
- DEC Municipal Rebates for EVs
- Electric Truck Voucher Program (forthcoming)
  - Up to \$150,000 per vehicle, depending on GVWR & incremental cost
- HOV Lane Access and Toll Discounts
- VW settlement funds for MD/HD vehicles & more
  - Public comment period

# Current NYS Charging Station Programs

- Charge Ready NY
- 50% NYS business tax credit through 2022
  - Up to \$5,000 per charging station
- DEC Municipal Rebates for charging stations
- NYPA EVOlve NY
- NYSERDA/NYPA incentives for Recharge NY customers
- DC fast chargers on NYS Thruway (5 locations) and at NYSDOT Welcome Centers (2 locations), NYC charging hubs (5 proposed)
- State agencies targeting NY destination/tourism sites

# Charge Ready NY

## NYSERDA Level 2 EVSE Incentive - \$5M available

- \$4,000 per port (30% to 80% savings)
- Eligible Locations
  - Public
  - Workplace (> 15 employees)
  - MUDs (> 5 units)
- Prequalified equipment and networks (see NYSERDA website)
- Two ways to apply online
  - 180 days to install after pre-application is approved
  - 90 days to apply after installation



# Key Future Activities

- Continued vehicle incentives to drive volume, price reductions
- Increased investment in EVSE and further development of viable business plans/models
  - Future DCFC incentive program
  - PSC addressing EVSE tariffs & utility EVSE ownership
- Expanded consumer engagement alongside partners
  - Future outreach program
- Better charging solutions for apartment dwellers
- Integration of EVs into building codes (e.g. NYC Local Law 130)
- Planning for EVSE siting, especially for DCFCs
- Improvements in charging station interoperability

# For More Information

- Contact:
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- Visit:
  - Charge NY: <https://www.nyserda.ny.gov/ChargeNY>
  - Charge Ready NY: <https://www.nyserda.ny.gov/Charge-Ready-NY>
  - Drive Clean Rebate: <https://www.nyserda.ny.gov/Drive-Clean-Rebate>