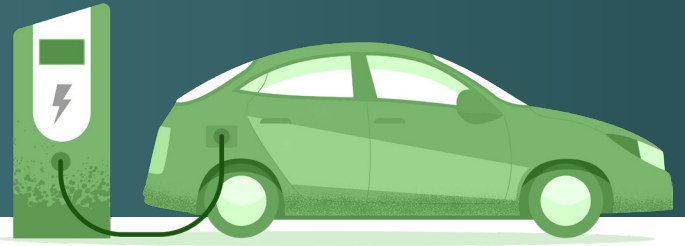


STATE OF ELECTRIC VEHICLES (EVs) IN NY



VEHICLE REGISTRATION

According to The New York State Energy and Research Development Authority's (NYSERDA) Electric Vehicle Registration Map, as of May 2nd, 2023, there are:



144,037 EVs on the road statewide

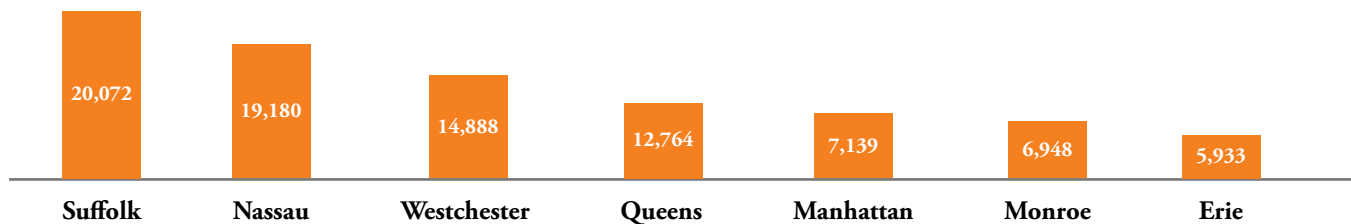


58,413 plug-in hybrid electric vehicles



85,624 battery electric vehicles

The top 8 NYS counties with the highest number of EVs on the road are:



PUBLIC CHARGER AVAILABILITY

According to NYSEDA's [Electric Vehicle Station Locator](#) and [Electric Vehicle Registration Map](#), as of July 2nd, 2023:

- + There are 3,491 public EV charging stations and 9,734 charging outlets in NYS for the 155, 988 EVs on the road.
- + 92% are Level 2 public charging stations and 8% are DC Fast charging stations.
- + This roughly translates to 44 EVs for every public electric charging station in NYS.



ELECTRIFICATION INCENTIVES & CHARGING PROGRAMS IN NEW YORK

As of November 2020, according to the [U.S. Department of Energy](#) Alternative Fuels Data Center, New York State has implemented a number of incentives to aid in the state's transition to electric vehicles as of November 2020, including:

- + The [Alternative Fueling Infrastructure Tax Credit](#) is available for 50% of the cost of alternative fueling infrastructure, up to \$5,000.
- + Electric vehicles are exempt from [motor vehicle emissions inspections](#).
- + NYSEDA's [Drive Clean Rebate](#) provides rebates of up to \$2,000 on the purchase or lease of a new plug-in electric vehicle.
- + The New York Power Authority's [EVolvo NY](#) initiative creates a fast-charging network near major highways and other key places like airports across the state.
- + The Clean Pass program provides exemption for electric drive vehicles in the High Occupancy Vehicle (HOV) Lane regardless of the number of occupants. The vehicle must display the Clean Pass sticker, to receive a sticker visit the [Clean Pass for HOV](#) Lanes page. *HOV lane access will change in 2025 per the NYSDOT

Many New York State utility companies also have EV charging incentive programs, such as:






- + Con Edison's [SmartCharge New York Program](#)
- + National Grid's [Time of Use Rate](#)
- + Central Hudson's [EV Time of Use Rate](#)
- + O&R's: [POWERREADY Program](#)



HOW NYS COMPARES NATIONWIDE

The American Council for an Energy-Efficient Economy (ACEEE)'s 2023 [State Transportation Electrification Scorecard](#) ranks New York State 2nd among all 50 states and the District of Columbia on the electrification of their transportation systems.

New York State was recognized for:

-  Ensuring that access to clean transportation is equitable, including programs for low-income and environmental justice communities.
-  Creating plans for EV charging infrastructure installation for light-duty and heavy-duty EVs.
-  Taking steps to optimize the electric grid and integrate EVs.
-  Having incentives for EV deployment, including financial incentives for purchases and utility spending on charging infrastructure.
-  The [Truck Voucher Incentive Program](#), a program that provides discounts to fleets across the state to purchase or lease electric transit buses and electric school buses.

According to Plug In America's February 2021 report "[Top 25 States Supporting the EV Driver](#)," New York State is ranked 6th for how well the state supports EV drivers.

New York State was recognized for:

- + Allowing EVs in some high-occupancy vehicle lanes (Long Island's [Clean Pass Program](#)) and offering reduced tolls for EVs on some highways ([Green Pass Discount Plan](#))
- + Legislation that would lift the cap on the allowable number of direct sales locations in the State.

According to the study, the state could be more supportive of EVs by "allowing direct sales from emerging EV manufacturers, and with the state joining the TCI Memorandum of Understanding—or adopting its own clean fuels policy."

According to U.S. News & World Reporting article, "[The Best States for Owning an EV in 2023](#)," New York State is ranked 3rd for:

- + High number of Electric Vehicle registration
- + EV Infrastructure, NYC in particular has the highest concentration of chargers
- + Incentives for purchasing new or used EV's