

The Road to Clean Communities

Our Plan for Advancing Electric Vehicles and Charging Infrastructure in Upstate New York

The importance of clean transportation in our communities

Transportation contributes to approximately 40 percent of the greenhouse gas emissions in the Northeastern U.S. – more than any other sector – and we are dedicated to assisting our communities and our customers in reducing those emissions.

Each of the states in which we operate (New York, Massachusetts and Rhode Island) has aggressive EV adoption goals, not only for light-duty passenger vehicles, but medium- and heavy-duty trucks and buses as well.

Transportation emissions from cars, trucks and buses disproportionately impact communities of color in New York State. Electrification of these vehicles can help to reduce these emissions.

- ▶ Mass adoption of electric vehicles, with an estimated 18.7 million on the road in the U.S. by 2030, will be key to decarbonizing our roads.
- ▶ New York State's goal is to deploy 850,000 zero-emission vehicles by the end of 2025.
- ▶ New York State's goal is to install 50,000 EV charging ports statewide.

How we'll get there

New York's Electric Vehicle Make Ready Program

New York's Joint Utilities Electric Vehicle Make Ready Program was approved in July 2020 and supports New York State's zero-emission vehicle goal of deploying 850,000 electric vehicles across the state by 2025.

The goal of the Electric Vehicle Make-Ready Program is to support the development of electric infrastructure and equipment necessary to accommodate an increased deployment of EVs within New York State by reducing the upfront costs of building EV charging stations. Through this program, we can help interested entities install EV charging at little or no cost, while helping businesses plan to convert their fleets to EVs.

To date National Grid has helped deploy hundreds of ports across Upstate New York and plans to add 16,000 additional ports over the next four years as part of one of the largest EV charging programs outside of California. Many of these ports are in environmental justice communities, which will help to ensure that all customers of varying incomes, regardless of where they live, have access to the benefits of clean transportation.



Leading by Example

Converting our own fleet

As the first major US utility to join the EV100 global initiative, we're committed to integrating EVs into our fleet and providing charging stations at our facilities. Our commitment includes transitioning our fleet of more than 5,700 vehicles companywide, in both the US and UK, to electric and installing charging for staff at all locations by 2030.

- ▶ We will convert to a 100 percent electric fleet by 2030 for our light-duty vehicles, while also pursuing the replacement of our medium- and heavy-duty vehicles with zero carbon alternatives.



Participation in the National Electric Highway Coalition

We have joined other major utilities in the National Electric Highway Coalition, which will enable more electric vehicle charging stations near highways across the United States. With more available charging stations, more drivers may adopt EVs and existing EV drivers can travel longer distances without range anxiety. This effort will support a network of fast-charging stations along major highways from the Atlantic Coast, through the Midwest and South and into the Gulf and Plains regions.



How we're helping customers

Commercial

We're working with customers to install EV charging stations at little or no cost and to create a plan for converting their fleet vehicles to electric alternatives.

Residential

We're making it easier for residential customers to learn about EVs with a complimentary EV advisor tool and provide discounted charging at home with a Voluntary Time of Use rate.

National Grid has also proposed a managed charging program that would offer EV charging subscriptions to tens of thousands of residential customers and a home charging installation service including rebates for qualified chargers. The program will allow National Grid to shift the charging of these customers' vehicles to times that are more beneficial to the grid, delivering savings and environmental benefits for all of our customers in upstate NY.



For additional information on the EV Charging Station Program, please visit ngrid.com/takechargeuny