



Be Part of the Solution

Join States and Communities Throughout the Northeast and Mid-Atlantic that Are Becoming “EV Ready”

Electric vehicle (EV) auto manufacturers have chosen the Northeast and Mid-Atlantic states as an early market to deploy their products, making this region a leader in EV sales. Over a dozen models are now available in the region, and more will be introduced in the coming year. Residents are choosing to purchase EVs because they are convenient, environmentally friendly, fun to drive, and can save thousands of dollars in fuel costs over the life of the vehicle.

Electric vehicles are also an important part of the larger solution to help the U.S. become more energy secure and less dependent on foreign oil, and can attract clean energy companies that create jobs for local communities.

What Local Governments Can Do to Promote EVs

The Transportation and Climate Initiative (TCI), a collaboration of Northeast and Mid-Atlantic state transportation, environment, and energy agencies, has developed a suite of documents to help communities become EV-ready as part of its Northeast Electric Vehicle Network project. Local governments may wish to reference these documents at www.northeastEVs.org when developing an EV readiness plan. Guidance documents include EV-Ready Codes, recommendations for permitting, zoning, and parking, siting, and design guidelines, and educational resources.

Local options to consider include:

Government Actions

- Create a plan to deploy strategically placed public EV charging infrastructure.
- Lead by example by purchasing EVs for municipal fleets.
- Work with local utilities, car sharing companies, and charging station manufacturers to discuss public-private partnerships that bring EVs to communities.

Policy Actions

- Streamline permitting and inspections to make it easier for EV owners to install a home charging station and for businesses to install workplace charging stations.
- Adopt EV-friendly zoning and parking ordinances.
- Adopt EV-friendly building codes.
- Identify other policies and incentives that may promote EV use, such as free parking for EVs, or tax credits for businesses that offer EV charging.

Education and Awareness

- Encourage elected officials to drive EVs.
- Encourage local employers to offer workplace EV charging.
- Offer first responder training to police and fire personnel.
- Promote EVs through a public education campaign.

EV Leaders in the Region

Below are examples of a few of the actions that cities around the region are taking:

Baltimore

- Recently installed public EV charging stations in nine city-owned parking garages.
- Is actively involved with the State of Maryland’s Electric Vehicle Infrastructure Council.

Boston

- Launched the citywide “EVboston” initiative, preparing the city for growth in the EV market.
- Awarded a grant to install 22 free dual electric vehicle charging stations throughout the city and is working with more than 100 stakeholders to prepare for the emergence of EVs.

New York City

- Promotes EVs through its comprehensive sustainability plan, “PlaNYC” and has purchased more than 70 EVs for its municipal fleet.
- Working with utility **Con Edison** and automakers to streamline the installation process for home chargers, and with stakeholders to install public EV chargers throughout the city.

Philadelphia

- Partnered with **PhillyCarShare** to introduce EVs to the city’s car-share market. The project has deployed 16 EVs, and will install 20 EV charging stations.
- Enacted a city policy providing reserved spaces for EVs on city property if the adjacent building owner provides an EV charging station.

Washington, DC

- Works with utilities, the EV industry, and non-profit groups, through the Metropolitan Washington Council of Governments’ Electric Vehicle Working Group to support EV deployment in the region.

West Hartford

- Participating in an EV research project with Connecticut Light and Power to learn how customers charge their EVs away from home and under a variety of conditions.
- Installed an EV charging station in a municipal parking lot, and is providing free electricity while the customer uses the metered space.



Additional Resources

The following guides can help communities become EV-ready:

Northeast Electric Vehicle Network, Guidance Documents including EV-Ready Codes, EVSE Planning Tool Kit, and Siting and Design Guidelines: www.northeastEVs.org

“Ready, Set, Charge: A Guide to EV Ready Communities”: www.rmi.org/Content/Files/Readysetcharge.pdf

Puget Sound Regional Council and Washington State Department of Commerce, “Electric Vehicle Infrastructure: A Guide for Local Governments in Washington State: www.psrc.org/assets/4325/EVI_full_report.pdf

The Northeast Electric Vehicle Network is a project of the Transportation and Climate Initiative—a regional collaboration of the energy, environment, and transportation agencies from Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont. Early planning efforts for the Network have been supported by a U.S. Department of Energy Planning Grant, which was awarded to TCI, and project partners NYSERDA, the Georgetown Climate Center, and 16 of the region’s Clean Cities Coalitions.



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