



Be Part of the Solution

Make Your Business Greener by Installing Electric Vehicle Charging Stations

Benefits of Installing Charging Stations

- **Attract and retain employees** by showing that your business cares about the community and environment. Battery electric vehicles (EVs) produce zero tailpipe emissions and help reduce U.S. dependence on oil.
- **Reduce employee commute time** by saving time at the pump. Many states also allow EV drivers to use carpool lanes.
- **Support institutional environmental sustainability goals.**

Why Workplace Charging Is Important

- Most battery EVs currently have a range of about 70 miles before needing to recharge. While most drivers drive less than 40 miles a day round-trip while commuting—well within an EV's range—charging at work could boost drivers' confidence and encourage others to consider purchasing an EV.
- Over one third of residents in the Northeast and Mid-Atlantic live in multi-unit dwellings—often without access to a garage or dedicated parking space—which prevents them from charging at home. For these individuals, the workplace could serve as their primary charging location.

How To Make Workplace Charging Available

The steps below were adapted from the California Plug-In Electric Vehicle Collaborative's *Workplace Charging Communication Guide*.

1. Survey employees to see if there is demand for workplace charging.
2. Consult with utility to assess options to manage workplace charging and learn about EV charging options.
 - Level 1 charging can accommodate most charging needs, can use existing outlets, and can be installed at a fraction of the cost of level 2 stations, but level 2 stations will recharge an EV more quickly. Investigate charging station options and cost.
 - Some states and localities offer tax benefits, and some utilities offer rebates and incentives for workplace charging. Find out what incentives are available.
3. Consult with property owner to discuss options for workplace charging, and work with local Clean Cities Coalition to assess available existing or planned EV charging stations in the vicinity.
4. Establish company policies regarding access, employee benefits, and costs.
 - Consider how long employees can charge at work, if additional benefits will be available to EV drivers (e.g., preferred parking), and whether or how to recover electricity costs. One option is to provide free charging. This is similar to providing benefits for those bicycling, using transit, or carpooling.
5. Conduct a site assessment with an electrician to define options and installation costs.
 - Refer to the Siting and Design Guidelines created by the Northeast Electric Vehicle Network for an overview of how to install EV charging stations (www.northeastEVs.org).
6. Select charging equipment and develop a budget.
7. Install charging equipment. Make sure to obtain the proper permits and conduct an inspection.
8. Get recognition for your efforts by notifying the Northeast Electric Vehicle Network and by signing the network's EV Support pledge at www.northeastEVs.org.

Employers in the Northeast and Mid-Atlantic that have Installed Workplace Charging

A large number of employers have started to install charging stations, including:

- GE Headquarters, Fairfield, CT
- United States Capitol, Washington, DC
- Bayer Corporation, Pittsburgh, PA
- Buffalo Niagara Medical Campus, Buffalo, NY
- Chase Bank Offices, Syracuse, NY
- National Institutes of Health, Bethesda, MD
- Rutgers University, New Brunswick, NJ



Additional Resources

Northeast Electric Vehicle Network: www.northeastEVs.org

U.S. Department of Energy, Alternative Fuels Data Center (AFDC), Guide for Charging Station Hosts: www.afdc.energy.gov/pdfs/51227.pdf

AFDC, State Incentives: www.afdc.energy.gov/laws/state

Clean Cities Coordinators Contact Information: www.cleancities.energy.gov

Go Electric Drive: www.goelectricdrive.com

California PEV Collaborative, Workplace Charging Communication Guide: www.evcollaborative.org/sites/all/themes/pev/files/Comm_guide7_122308.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.

