



## EV charging stations installed to promote sustainability across the City of Rochester



Photo credits: Energetics

### SNAPSHOT

**EV Charging Equipment**  
Twelve Level 2 stations at seven locations (24 total ports)

#### Locations

- Rochester City Hall
- Rochester Public Market
- Washington Square Garage
- Port of Rochester
- Court Street Garage
- Sister Cities Garage
- East End Garage

#### EV Users

Parking garages; stations are available to all paying customers

City of Rochester parking garage patrons, including a city councilman who drives a Chevy Volt to work, requested additional charging opportunities for their plug-in electric vehicles (EVs). Funding assistance from the ChargeNY program helped make the project feasible.

These charging stations allow extended travel for EV drivers throughout the Rochester area, which had few charging stations prior to this project. The stations provide charging opportunities throughout the city at parking garages, retail locations, and city buildings.

“The City of Rochester is committed to efforts to promote sustainability and reduce greenhouse gas emissions,” said Mayor Lovely A. Warren. “These contribute to a network of electric vehicle charging stations being installed across New York State, providing the necessary infrastructure to promote and increase the use of plug-in electric vehicles.”

### What they did

At the start of the project, the city hired a consultant to identify locations for charging station installations that would be heavily used. The charging stations were installed at seven locations throughout the city in 2013. These locations were chosen because they offer a wide variety of charging options for EV drivers, who may park at these locations while working, running errands, or enjoying leisure activities.

ChargeNY accelerates the use of plug-in electric vehicles on the road by making infrastructure such as charging stations more available, easier to use, and more economically viable in New York State.

Two stations, each providing two charging ports, were installed at Washington Square Garage at 111 Woodbury Boulevard, Court Street Garage at 194 Court Street, Sister Cities Garage at 28 North Fitzhugh Street, East End Garage at 475 East Main Street, and the Port of Rochester at 1000 North River Street. The parking lots just north of City Hall at 30 Church Street and the Rochester Public Market at 280 North Union Street each have one station with two charging ports.

ChargePoint maintained the stations for the first year through their system warranty. Afterward, the city will likely set up a maintenance contract to continue station maintenance. For the first year, the costs associated with the electrical usage will be absorbed by the city facilities where the stations are installed. After 12 months, the city will require payment for the use of the stations, but the cost has not been determined.

## Support and results

Within three weeks, every station in Rochester had been used, demonstrating the demand for EV charging. Lessons learned from this project include the importance of station siting and the benefit of an extended warranty for the stations. Hiring a consultant to properly select convenient charging locations for EV drivers led to higher utilization rates.

The availability of charging infrastructure is expected to strengthen the public's desire to purchase and drive EVs throughout the region. Some charging stations in Rochester see so much use that installation of additional stations is already being explored, for example, at the Washington Square Garage.

## Get started

Visit [nyserdera.ny.gov/ChargeNY](https://nyserdera.ny.gov/ChargeNY) or call **1-866-NYSERDA** to learn how you can reduce your energy consumption and costs.



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