



Electric Vehicle (EV) Charging Stations Installed at Glens Falls Hospital



SNAPSHOT

EV Charging Infrastructure:
Two dual-port Level 2 stations
(4 total ports)

Location
Foundation House and Mohican House on the Glens Falls Hospital Campus

EV Users
Stations are available to staff, patients, visitors, and the general public

Two battery electric vehicles get a charge at the Glens Falls Hospital Foundation House

Photo credit: Energetics

Glens Falls Hospital has embraced a goal of conserving resources and minimizing the organization's impact on the environment. The hospital organized their own "Green Team," which includes leaders from a variety of clinical and nonclinical areas, to ensure the organization is doing its part in resource and environmental conservation. The electric vehicle (EV) charging stations were made possible through a partnership between the hospital, the New York State Energy Research and Development Authority (NYSERDA), ChargePoint, and National Grid under Governor Andrew M. Cuomo's ChargeNY program.

What they did

In July 2013, Glens Falls Hospital had two dual-port charging stations installed on the medical campus. The hospital provides a relatively central location that serves many patients and employees. It is also convenient for other EV drivers to access. Medical professionals match the typical EV driver profile: well-educated, higher income, and technologically savvy. The hospital's Foundation Organization House at 126 South Street and the guest house for visiting residents at 29 Mohican Street were selected for the charging station installations. These parking spaces are most commonly used by hospital staff rather than the hospital visitors who use the main parking lots. However, they are accessible to any patients, visitors, or the general public.

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.

Results and lessons learned

This project exposed the challenge between minimizing installation costs and providing a convenient parking space for EV drivers. Installing the stations in the main hospital parking lot would have been more visible and provide much closer access to the hospital. However, extensive electrical wiring as well as major trenching and pavement repair would have been required in the main parking lot. At the two station locations, the electricity runs were minimized, but new parking spaces had to be created and lined. Although there is a relatively small population of EVs in the Glens Falls area, these charging stations are occupied regularly and average almost one charge event per day.

Get started

Visit nyscrda.ny.gov/ChargeNY or call **1-866-NYSERDA** to learn how you can reduce your energy consumption and costs.



Charging station at the Glens Falls Hospital Mohican House is used by staff

Photo credit: Energetics



Dual-port charging station at the Glens Falls Foundation House adjacent to the Hospital (seen in the background)

Photo credit: Energetics

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