



Hotels with charging stations attract environmentally minded guests



Photo credit: NYSERDA

Marriott invests in innovative conservation initiatives designed to provide long-term solutions to critical social and environmental issues. So when guests and visitors started asking for electric vehicle (EV) charging stations in New York State, Marriott initiated this project with assistance from the ChargeNY program.

What they did

EV charging stations were installed at five different Marriott hotel locations in 2013, all with parking that allows for a full charge overnight. Use of the station is restricted to hotel guests. Marriott chose a diversified set of locations throughout the State to evaluate the success for future installations.

The selected hotels are distributed throughout suburban and urban settings to reflect the factors, complications, and opportunities that may arise under each type of setting and application. For example, in Rye, the parking spaces are in a prime location near the entrance. Most of the other hotels selected spaces in a rear parking lot but near an entrance that registered hotel guests could use.

Hotel staff at each location was responsible for maintaining the charging stations with support from EV Connect, the station installer and service provider. The GE WattStation charging stations are listed on the manufacturer's network portal, which provides the location and availability for all of these stations. The site also records each charging event to generate usage reports that Marriott requested.

SNAPSHOT

EV Charging Equipment

Two Level 2 stations at five hotels (10 ports)

Locations

- Marriott (Brooklyn)
- Courtyard (Rye)
- Residence Inn (Syracuse, Westchester, and Hauppauge)

EV Users

Hotel; stations are available to hotel guests and 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

Lessons learned from this project were primarily related to station siting and upkeep. Some locations were not highly visible to clients looking to access the charging infrastructure, which may explain why the stations were not heavily used. For example, the Brooklyn installation is in an underground parking garage that is not owned by Marriott. In an ideal situation, the owner of the stations has full control as to where the stations are placed, which was not the case in this scenario.

To further promote the charging stations, EV Connect is developing a Marriott charging station mobile app so guests can reserve charging stations along with hotel rooms, which may encourage more use. Marriott is also considering adding stations at other New York locations.

Get started

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



Photo credit: NYSERDA

NYSERDA, a public benefit corporation, offers objective information and analysis, innovative programs, technical expertise, and support to help New Yorkers increase energy efficiency, save money, use renewable energy, and reduce reliance on fossil fuels. NYSERDA professionals work to protect the environment and create clean energy jobs. NYSERDA has been developing partnerships to advance innovative energy solutions in New York State since 1975. To learn more about NYSERDA's programs, visit nyserdera.ny.gov or follow us on Twitter, Facebook, YouTube, or Instagram.