



Project: EV Chargers @ Town Hall

The Opportunity

Transitioning to electric vehicles requires robust charging infrastructure meeting drivers' use cases.

Public L2 EV charging is appropriate for these use cases:

- *Residential Charging:* Public L2 EV charging stations help those who do not have charging facilities at home to charge overnight near their homes.
- *Workplace Charging:* They also help individuals to charge at or near their place of work during the day.
- *Destination Charging:* They can be used to top up while shopping, dining or running errands.
- *Fleet Charging:* They are the perfect option for light duty fleet vehicles which can be charged on a schedule to maximize off peak rates.
- L2 chargers are not meant for Fast Charging use cases. Our 40A L2 chargers can add 25-35 miles of range per hour; while this is perfect for the use cases above it is not sufficient for fast charging where EV drivers want to refill in 30 minutes or less.

The adequate distribution of public L2 EV charging stations helps individuals adopt electric vehicles and institutions to switch to electric vehicle fleets.

The Solution

Install an EV charging station at Town Hall:

Climate Smart Gardiner used grants they earned from the New York State Energy & Research Development Authority (NYSERDA) to install two L2 EV charging stations with two ports each in February 2026. These chargers can add 25-35 miles of range per hour. This charging station facilitated the Town Hall's switch to EVs for its Town Hall fleet, facilitates workplace charging for employees of Town Hall and the vicinity and facilitates residential charging for residents of the hamlet without the possibility to charge at home.



Funding

The EV chargers' gross cost was \$36,922 and was funded as follows:

- NYSERDA 4-Star Grant (\$14,813). You can find a full list of the actions Climate Smart Gardiner took to earn these funds [here](#).
- Inflation Reduction Act EV Tax Credit (\$6,348)
- Central Hudson Make Ready Rebate (\$15,761)

Benefits

This project created significant benefits.

- The Town will save an estimated \$1,500 annually in fuel costs and maintenance costs on its municipal vehicle.
- The EV charging station provides a public charging facility for the employees of the Town Hall and nearby workplaces
- The EV charging station provides a public charging facility for residents of the hamlet without home charging and for guests visiting the Town.
- The first 15,000 kWh of charging annually, enough to fuel 4-5 cars for a year, will be supplied by the Town's solar arrays!

Thanks

This project could not have been completed without the hard work, collaboration, and support of the local community.

- NYSERDA
- Supervisors Michael Hartner, Marybeth Majestic, the Gardiner Town Board and Town staff
- The Hudson Valley Regional Council
- The Climate Smart Gardiner Taskforce



If you are interested in participating in a project like this, please consider joining the Climate Smart Gardiner Taskforce by sending an email to climatesmartgardinerny@gmail.com.

