



# ELECTRIC VEHICLE CHARGING STATIONS FOR ITHACA & TOMPKINS COUNTY

## HOST A STATION TO SUPPORT ELECTRIC VEHICLE DEPLOYMENT.

In an effort to establish a comprehensive electric vehicle charging network, Energetics Incorporated has partnered with Tompkins County, Ithaca Tompkins County Transportation Council, and PlugIn Stations Online to secure discounted rates on charging stations—making station installation a low-cost investment for the host. This effort follows the recommendations in the Plug-in Electric Vehicle Infrastructure Plan in Tompkins County, which identified locations where electric vehicle charging stations are needed.

### Plug-in Electric Vehicle Infrastructure Plan in Tompkins County: Charging Station Installation Analysis



## LOCATIONS SHOULD BE:

- Highly visible
- Popular destinations for residents and visitors to park
- Accessible 24 hours a day



## WHERE WILL THE STATIONS BE INSTALLED?

Up to eleven host sites will be selected from the locations mentioned in the plan, for the installation of an electric vehicle charging station. These could be a municipal parking lot, retail center, entertainment venue, or another location.

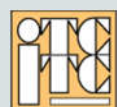
Energetics Incorporated and NYSERDA will review the proposed location and provide final approval.

## APPROVED HOST SITES WILL RECEIVE:

- One CT4021 (bollard mount) or CT4023 (wall mount) dual-head Level 2 commercial charging station, including shipping and limited product warranty
- A three-year ChargePoint network subscription
- Site validation and station activation
- Installation costs
  - ⇒ Pedestal-mount system: Concrete footer plus \$1,000 toward the cost of installation
  - ⇒ Wall-mount system: \$2,000 toward the cost of installation
- Up to \$500 toward the first station repair
  - ⇒ for issues outside the limited product warranty, not caused by site owner's neglect



This project is supported by the New York State Energy Research and Development Authority as part of the ChargeNY initiative.





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## HOST SITES WILL BE EXPECTED TO PROVIDE:

- Installation expenses beyond those provided
- Electricity to operate the charging station
- Operation and maintenance of the station for three years
- Access to the station location for the installation and any electric vehicle-related outreach activities

## NEXT STEPS:

If you are interested, please review the Host Site Agreement and complete the following paperwork to get started:

- Notice of interest

### Notice of Interest

The following organization wishes to express their interest in participating in Energetics Incorporated's project to install electric vehicle (EV) charging stations through support provided by the New York State Energy Research and Development Authority (NYSERDA) for one of the following initiatives: I-90 Region EV Charging Station Plan Implementation, Rochester EV Deployment Community, or Lower Hudson Valley EV Tourism.

Organization of the site owner	
Organization main address	
Site owner contact (name, phone, email)	
Proposed charging station address	
Description of proposed charging station location	
Type of venue for the proposed charging station location	multi-use (e.g. garage, university, medical, hotel, restaurant, etc.)
Authority Having Jurisdiction (AHJ) at the proposed charging station location (for permitting)	
AHJ contact (name, phone, email)	
Local community/municipality	
Community contact (name, phone, email)	

## ABOUT THE PROJECT PARTNERS

**Energetics Incorporated** ([www.energetics.com](http://www.energetics.com)) is a full-service technology and management consulting firm with experience in advancing transportation technologies across New York State. Energetics assists clients with developing and managing effective research, development, and information programs.

**Ithaca Tompkins County Transportation Council (ITCTC)** ([www.tompkinscountyny.gov/itctc](http://www.tompkinscountyny.gov/itctc)) is the Metropolitan Planning Organization (MPO) for Tompkins County. The ITCTC is charged with facilitating county-wide transportation planning and works to promote comprehensive inter modal transportation planning and provide transportation related information and analyses.

**PlugIn Stations Online** ([www.pisoev.com](http://www.pisoev.com)) seeks to provide residential, commercial, and municipal charging points in response to the rapidly expanding plug-in hybrid and electric vehicle markets. With more than 20 years of combined experience in the fields of commercial, industrial, and residential electrical installations, the team at PlugIn Stations Online has a proven track record of quality and reliability.

## ABOUT THE EQUIPMENT

**ChargePoint** CT4000 stations ([www.chargepoint.com/products/commercial/ct4000/](http://www.chargepoint.com/products/commercial/ct4000/)) will be installed through this project. This AC Level 2 commercial unit charges at a maximum rate of 25 miles of electric range per hour. Cords are kept safely off the ground with a self-retracting, maintenance-free, ultra-lightweight cord management system. CT4000 stations are UL listed, meeting the stringent requirements of the nation's leading safety standards organization. These stations are rugged and built to withstand the elements.

The ChargePoint network and cloud-based services provide monitoring and control to help best serve any users with real-time station information and automated reports. The stations can receive automatic software updates that deliver the latest improvements and features. They have multi-language instructions available and capacitive buttons that work in all weather conditions.

### CONTACT

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