

Benefits of Having an EV Charging Station

Commercial

- ◆ Can attract customers to stop at your business.
- ◆ Incentivize returning customers from providing a unique service.
- ◆ Ability to make money from customers using chargers.

Residential

- ◆ Ease of access to charging
- ◆ Cost saving compared to gas
- ◆ Overnight, at home charging

Global

- ◆ Reducing polluting emissions
- ◆ Conserving energy in travel
- ◆ Help movement towards a more sustainable world!



Check Out Our Website for More Information!

- ◆ Charging Station & Network Options
- ◆ Energy Cost for Charging Station
- ◆ Rate of Charging By Station Type
- ◆ Charging Adaptor Options
- ◆ Installation Cost
- ◆ Methods to Acquire a Charging Station
- ◆ Professional Installation Services
- ◆ Incentives Available
- ◆ Aspects of an Ideal Location
- ◆ Benefits of Having a Charging Station



**BROOME COUNTY
NEW YORK**

**Broome County Transportation &
Environment Management Council**

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**BROOME COUNTY
NEW YORK**

Electric Vehicle Charging Point Solutions



**Information & Resources
about EV Chargers**

Website: Site URL To be added***

Electric Vehicle Charging Station Types

Type 1

A type 1 charging station is a standard outlet adapter.



A portable charging cord can supply an electric car with standard AC current at 120V. The cord plugs into a standard three-prong outlet and on average provides 2-5 miles of electric range for each hour of charging.

Type 2

Supplies an electric vehicle with a higher voltage than a type 1 charging station can.



208-240V is supplied as alternating current to the electric car using a standardized connector that works for all cars. A type 2 charging station provides approximately 20 miles of range per hour charged.

Type 3

The fastest charging and most expensive out of all three station types. Type 3 charging stations, known as direct current fast chargers (DCFC), require 3-phase power and up to 500V to provide 50-400kW of charging power. A type 3 DCFC charger can provide over 100 miles of range to an electric vehicle in an hour of charging.



15 Aspects of An Ideal Location

1. Proximity to electrical box/outlet
2. Proximity to activities nearby
3. Plenty of parking spots
4. Proximity to electric vehicles
5. Drivers willing to spend time at location
6. Near busy roads/highways
7. Public access to charging stations
8. Consistent use of parking space
9. Ability to charge without interfering with pedestrians
10. Weather-proofing
11. EV-preferred parking
12. Illumination at night
13. Visibility from road/lot entrance
14. Pre-existing electrical outlets
15. Up-to-date electrical work



**For More Info & Resource
Check Out Our Website:**

www.to.be.added.com

Incentives Available

Utility EV Make-Ready Programs

Through this program, entities seeking to install or participate in the installation of L2 and/or DCFC chargers can earn incentives that will offset a large portion of, or in some cases, all of the infrastructure costs associated with preparing a site for EV charger installation.

NYS Tax Credit for Public and Workplace Charging

New York State provides an income tax credit of up to \$5,000 for the purchase and installation of an electric vehicle charging station. The credit is targeted at commercial and workplace charging stations. The tax credit is available through the end of 2025.

NYSDEC Municipal Rebate Program

The Municipal ZEV rebate program provides rebates for costs associated with the purchase or lease (for at least 36 months) of eligible clean vehicles, and installation of eligible infrastructure that supports public use of clean vehicles

Links + Additional Incentive on Website:

www.to.be.added.com

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