

How Do I Use A Charger?

Start by creating a ChargePoint account at: chargepoint.com/drivers/activate

Using a credit card, deposit \$10 into the account. It's like EZ Pass: each time you use up the money by charging, another \$10 is charged to your credit card.

Have a smart phone? Download the free ChargePoint app on its web page. Using the app, tap the phone on the charger's front panel to release a plug (i.e, a "connector") from one of the charger's sockets. Insert it into your car's charge port. Charging starts right away*. No smart phone? Once you create your account, log in, go to "My Account", "Manage Cards" and follow the instructions to get a free keychain card that works the same way. When done charging, pull out the connector and return it to the charger's socket. Your account will be charged automatically.

*If you previously set your EV to only charge overnight, reset it via its temporary "override" command.

How Do I Find Chargers?

Use the app, or the map on ChargePoint's web page; zoom into your neighborhood. To see all brands of public chargers near you, go to googlemaps.com and enter **ev charging stations**. Your ChargePoint account also works at Electrify America charging stations.

Mission Statement

The Sustainability Committee (SC) is a voluntary advisory group chartered by the Village of Croton-on-Hudson Board of Trustees to assist development of reductions in climate impact of Village municipal operations. The SC will develop and recommend greenhouse gas (GHG) targets and practices for operations within budgetary limits set by the Village Board. The SC will create a climate action plan to reduce the climate impact of such operations.



Drive An EV, And Kiss Your Gas Goodbye!



Welcome to Electric Vehicles and EV chargers

Croton Sustainability Committee
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Cutting GHG With an EV

Burning a gallon of gasoline produces 19.5 lbs. of greenhouse gases (GHG). To go the same miles, an EV in Croton causes (at power plants) only 5.6 lbs. (71% less). Power costs less per mile than gas, and EV upkeep is much cheaper.

A plug-in hybrid EV can run on electricity or gas. Most EVs come with a Level 1 charger. It plugs into a standard wall outlet. But here's the best part: you may *get back up to \$9,750 in tax credits and rebates off the cost of a new EV, and save 10¢ per kilowatt-hour (kWh) by charging an EV at night* (e.g., on an EV owner's home-based charger). That's half-off the power price!

It's Easy To Shop For EVs

Next time you're in the market for a new car, find an EV that's right for you at any of these sites:

content.sierraclub.org/evguide/pick-a-plugin
plugstar.com/

www.drivegreenwestchester.org/learn/
<https://cars.coned.com/>
driveelectricus.com/explore-electric-cars/

How To Get Credits & Rebates

When buying a new (not used) EV, go to:

U.S.: www.energy.gov/eere/electricvehicles/electric-vehicles-tax-credits-and-other-incentives

NY State: www.nyserda.ny.gov/All-Programs/Programs/Drive-Clean-Rebate

Con Edison: <https://cars.coned.com/ev-reward/>

For any EV, 10¢/kWh night charge rebate:

<https://smartchargerewards.fleetcarma.com/apply>

Find all those links at our web site: sustain-croton.org (look for "EV flyer" under "News and Announcements").

Croton's EV Chargers

In mid-2019, 3 ChargePoint chargers each having 2 ports (1 port for each EV) were installed in Croton. All are Level 2 units that charge 5 times faster than the Level 1 units that come with EVs. In an hour, a Level 2 unit adds about 20 miles of charge to an EV's battery. Level 3 chargers (e.g., Tesla)

do so even faster, but cost far more to buy and install. As of 11/19, the nearest Level 3 unit is at Ossining's Stop & Shop.

Find Croton's chargers at the:

- north side of the Municipal Bldg. by the handicapped entrance. The unit on the right is for public use by 2 EVs, while the one on the left is reserved for police vehicles.

- train station, at spaces 027 and 028, near the first entrance (on the left) of the parking lot on the east side of Veterans Plaza as you descend the hill.

The public units charge \$.22/kWh, ~30% less than commercial EV charging stations. For how to use them, flip over this page.

If you own your home, you can install your own Level 2 charger. Units cost \$400-\$700, depending on their characteristics. Cost for installation (an electrician is required) will vary depending on a home's electric panel, distance to the charger, etc. Get two estimates before proceeding.