

Charge Ready NY 2.0

Charging FAQs



The NYSERDA Charge Ready NY 2.0 program supports installations of Level 2 charging equipment at Public Facilities, Workplaces, and Multi-Unit Dwellings (MUDs).

Frequently asked questions about electric vehicle charging

Do charging stations have a fee?

Some do. But the good news is that no matter how you charge, it's generally less expensive than fueling your vehicle with gasoline or diesel. If you have a place to plug in at home, then you'll pay for charging in your electric bill like you do any household appliance. In public, Level 2 and Level 3 charging stations usually have a per-minute fee, electricity consumed (kWh), or session. There are some public charging stations that will not have any fee at all. These stations are provided as an amenity to attract people to a location or are advertiser supported.

How do I find a charging station?

Whether you park in a garage or on the street, at work, or in an apartment you rent, you have charging options. Apps like PlugShare and websites like the Alternative Fuels Data Center are useful ways to find the nearest charging station. Signs that indicate nearby charging stations (just like highway signs for gas stations) are becoming increasingly common.

Does my battery have to be empty to charge?

Nope! Like filling up a gas tank, you can plug it in to top off your battery. You do not have to wait until it is nearly empty. In fact, most charging events occur at home (including single-family homes and multi-unit dwellings) or at your workplace. Plugging in at home is a good way to ensure your vehicle is fully charged whenever you need it.

How do I navigate different charging connector types?

Early innovation in the EV space initially led to several variations in charging equipment, posing a real barrier to EV adoption. EV owners could not count on being able to use any charging station they came across. The U.S. EV industry has begun to standardize charging equipment. Now, nearly every EV has a J1772 charging port capable of providing Levels 1 and 2 charging. Most vehicles today either use North American Charging Standard (NACS) or Combined Charging System (CCS) connectors for Level 3 charging. OEMs are incorporating the NACs connector in the near future for Level 2 charging. Some existing EV models, such as the Nissan Leaf and Mitsubishi Outlander, still use the increasingly rare CHAdeMO connectors.

How often will I have to charge, and how long will charging take?

How often and how far you drive, which type of charger you use, and your vehicle's battery capacity all affect the answer to these questions. For most EV users, plugging in while at work, or overnight at their home or apartment complex is more than enough to keep their battery full. For those driving more often or on the road longer, level 3 charging stations function similarly to typical gas stations charging your vehicle in 20 to 60 minutes.

Ready to get started?

For more information, please contact the Electrification Coalition Charge Ready NY 2.0 Team at chargereadyny@electrificationcoalition.org.



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