

Electric Vehicle Charging Guide for Businesses

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Value of Electric Vehicle (EV) Charging Stations to Your Business:

- Brings a new, unique amenity for consumers
- Shows an example of meeting consumers' requests and future needs
- Attracts EV owners searching for a business that has charging stations
- Promotes sustainability efforts
- Supports emerging technologies and showcases your business as innovative

Consider a Location for the Station

Location is key when considering a vehicle charging at your business. After checking with local or county officials regarding any permitting or codes that are applicable, call CCEC to create a staking appointment.

Before your staking appointment, identify the type of charger you would like to install and provide the co-op with the charge type, brand and spec sheets of the charger you plan to install.

The staking engineer will locate the available areas within the footprint of your location that will be the best fit for the charger and your business. Once you purchase the charger, CCEC will run the service. After the charger is installed and inspected, CCEC will install the meter.

Promote the Stations and Educate Customers

Once the charging stations are installed, it's important to educate customers so they know the stations are available. Note the amenity on your website and social media pages.

In addition, add your charging stations to sites such as PlugShare ([plugshare.com](https://www.plugshare.com)) and Plug-in NC ([pluginncc.com](https://www.pluginnc.com)). EV drivers looking for businesses with charging are likely to check these resources. Finally, include a link to your electric co-op's EV webpage so customers can stay up to date on related events and programs.

Consider Charging Equipment

Charging stations are the source of power for EVs and range in style, charging speed (known as charging level), cost and installation complexity.

Consider your audience when determining the type of charger you will install. Most EV drivers will prefer a Level 2 charger. A DC fast charger requires, at a minimum, a 150KVA dedicated transformer. Tesla chargers only charge Tesla vehicles. Universal chargers have the capability to charge 95% of EVs on the road today, including Teslas.

There are several companies that manufacture EV chargers. The co-op has installed a ChargePoint CT4000 at on Islander Drive in Emerald Isle. Learn more about the products offered by ChargePoint at [chargepoint.com](https://www.chargepoint.com).



Contact Carteret-Craven Electric Cooperative for more information.



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