

Electric vehicle savings and benefits

Save money

At the standard electric rate, most electric vehicles can be fully recharged for about \$6-7. For cooperative or municipal consumers who participate in Minnkota's off-peak charging program, it costs about 65 cents to drive an electric vehicle the same distance that an average car can go on a gallon of gasoline.

Less maintenance

Electric vehicles do not require oil changes, because no oil is used to run the engine. They do not require air filters, spark plugs, timing belts or many other parts that need occasional replacement in a gasoline car.

Reduce oil dependence

Charge up with clean, American-made electricity.

A smooth ride

You'll enjoy the silent motor and smooth, powerful acceleration of an electric vehicle.

Where can I charge on the road?

With support from Minnkota's system of cooperatives and municipals, public charging options are increasingly available in Minnesota and North Dakota. According to PlugShare.com, a national online charging station locator, there are dozens of options throughout both states, with more popping up all the time.



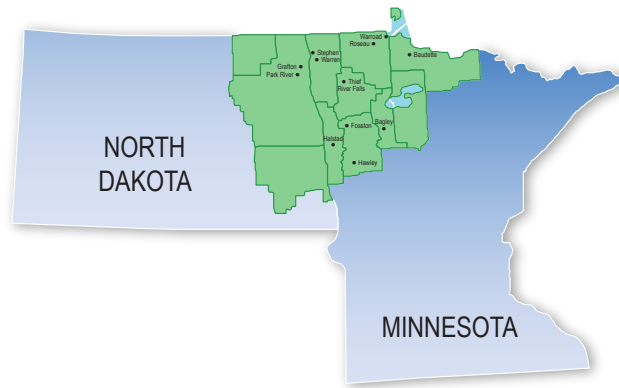
Electric Vehicles

Leading the CHARGE



Who we serve

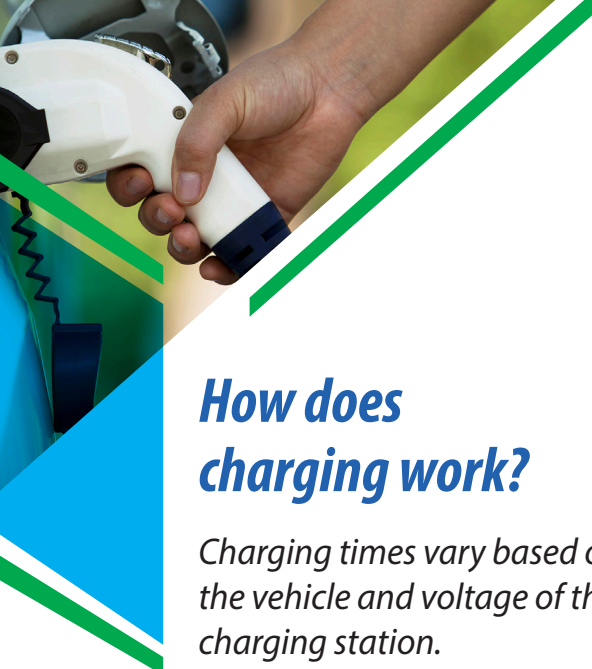
Together with our 11 member cooperatives and 12 associated municipals, Minnkota Power Cooperative helps provide electricity to the homes, farms, schools and businesses in our region.



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This institution is an equal opportunity provider and employer.





How does charging work?

Charging times vary based on the vehicle and voltage of the charging station.

Level 1 – 120 volts

Charging a vehicle at Level 1 means plugging in to a standard 120-volt outlet. Most vehicles can be charged at Level 1, although it takes significantly longer (15-40 hours) than other charging options.

Level 2 – 240 volts

Using 240-volt service, a depleted 60-kWh battery can be fully charged in approximately 6 to 8 hours. Some models can completely charge in as little as 30 minutes. The installation of a 240-volt charger qualifies you for a \$50 per kilowatt (kW) rebate along with the money-saving off-peak rate.

Level 3 – DC Fast Charge

This option is typically only available for public charging and stations are usually found along major transportation corridors. On average, the DC charger can add 40 miles of range for every 10 minutes of charging.

Learn more at
EnergizeYourDrive.com



Home charger rebates

\$100 per kilowatt rebate for Level 2 chargers

You'll charge your electric vehicle at home almost every day. Why not pay less every time you plug in?

As a part of our Value of Electricity and PowerSavers campaigns through Minnkota Power Cooperative, cooperatives can offer incentives for the installation of electric vehicle home charging equipment on the off-peak program.

- \$100 per kilowatt rebate for Level 2 charger
- Must be 240 volts
- \$1,000 maximum rebate

Each provider has its own requirements, and some restrictions apply. Please check with your municipal for more details.

What is installation like?

Preparing for your electric vehicle is easy. Installing a Level 2 home charger is much like installing the wiring for a clothes dryer or other heavy appliance. Most homeowners hire an electrician for this, and it can usually be done in a few hours.



How does off-peak charging work?

In exchange for the lower rate of the off-peak program, electric vehicle charging is limited to certain hours.

- October-May, charge from noon to 5 p.m. and 11 p.m. to 7 a.m.
- June-September, charge from midnight to 10 a.m.

With only a few hours needed to completely charge an empty battery, most drivers have no issues with the designated overnight charging times.

What about winter driving?

All vehicles, electric or otherwise, will experience some level of decreased performance in the winter months. On the coldest days, when drivers are blasting their heaters, EVs may lose up to 40% of their standard charge range. However, that loss can be shortened up to 20% by keeping your vehicle in a warm garage.

A few tips and tricks will also keep your charge strong, like clearing the weight of snow and ice from the top of your car and keeping your speed below 65 mph.

