Electric Vehicle Fast Facts

Electric vehicles (EVs) have the range you need for a day out.

Today's EVs can easily travel more than 100 miles on a single charge. Going for a longer drive? There are charging stations across the US, and it's easy to find the closest one to you using plugshare.com. There are also plug-in hybrid electric models available, which use a battery and electric motor, but also have a gasoline backup.

There are hundreds of chargers in Minnesota, and more are being added all the time.

Unless you're planning a long trip (more than 100 miles), you likely won't need a public charger. But when you do, DC Fast Chargers (DCFCs) give you 180-240 miles of range per hour, and Level 2 chargers (240 volts) give you 10-20 miles of range per hour while charging.

80 PERCENT OF CHARGING HAPPENS AT HOME, OVERNIGHT.

Depending on your driving needs, you may be able to get by with a standard 120 volt outlet in your garage, which will provide 2-5 miles of range per hour. A 240 volt outlet can charge the vehicle even faster.

Learn more at: Driveelectricmn.org

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Drive Electric
MINNESOTA

EVs can fit the whole family and more.

There's an EV to suit almost any need, and they come in all shapes and sizes: sedans, hatchbacks, minivans, and SUVs. Some models come with all-wheel drive and can tow more than 5,000 pounds. There are even electric pickups coming in the next few years.

Cold weather? No Problem.

Scandinavian countries have the highest percentage of EV drivers in the world (and it's cold there)! With more consistent acceleration and a lower center of gravity, EVs often perform better in cold weather than gasoline alternatives. Battery life can be affected on the most bitterly cold days, with some seeing a 40 percent reduction at -10F. These temperatures usually only happen 3-4 times a year and also impact gas-powered cars.

THE GREENHOUSE GAS REDUCTION IS REAL.

EVs in Minnesota usually provide a greenhouse gas (GHG) reduction of at least 65 percent. Choosing renewable energy options through your utility can achieve GHG reductions of 95 percent compared to gas vehicles.

These fast facts were created as part of Cities Charging Ahead!, led by the Great Plains Institute and Clean Energy Resource Teams. Find out more at driveelectricmn.org/communities.

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