# Energize Your Drive
## in the North

SAVE MONEY

LESS MAINTENANCE

SMOOTH & FUN RIDE

ENERGY INDEPENDENCE

## Electric Vehicle Incentive Program

Minnkota Power COOPERATIVE

Northern Municipal POWER AGENCY

# WHAT ARE THE BENEFITS OF AN ELECTRIC VEHICLE (EV)?

## Save Money

At the standard electric rate, most EVs cost less than half as much to fuel than gas-powered cars. With utility incentives like off-peak charging programs, that cost drops even more.

## Less Maintenance

EVs don't need oil changes, because they don't use oil. They also lack air filters, spark plugs, timing belts and many other parts that need replacement in a gas car.

## Smooth & Fun Ride

EV motors are nearly silent and provide smooth (and incredibly fast) acceleration, as there are no shifting gears.

With a heavy battery creating a low center of gravity, EVs handle curves and turns like a dream.

## Energy Independence

Local EV owners charge up with clean, regionally produced electricity.

## HOW CAN MY UTILITY HELP ME SAVE BIG ON EV CHARGING?

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

As a part of the Value of Electricity program, cooperatives and municipals offer incentives for the installation of EV home charging equipment on the off-peak program.

### REBATES:

- $50 per kilowatt rebate for Level 2 charger
- Must be 240 volts
- **$750 maximum rebate**
- Must be on the off-peak program

*Each provider has its own requirements and some restrictions apply. Check with your co-op or municipal for more details.*

### OFF-PEAK RATE:

When participating in the off-peak program, overnight EV charging is rewarded with a lower electric rate – often 35-50% less than the standard rate. In exchange, EV 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.

*Only a few hours are needed to completely charge an EV battery – perfect for the designated overnight charging times.*

## HOW DO I INSTALL A CHARGER AT HOME?

Preparing for your electric vehicle is easy. Installing a 240-volt 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.

Home chargers usually cost between $500 and $1,500, but many utilities offer rebates that cover much of that.

## WHAT ARE MY CHARGING OPTIONS?

**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 hybrid electric models can completely charge in as little as 30 minutes. This is the most common level for a home charging system and some public charging stations.

**LEVEL 3**
***DC Fast Charge***

This option is typically only available for public charging. On average, a DC fast charging station can provide 80% charge in 30 minutes. These stations are usually found along major transportation corridors and many charge a fee for use (cost varies).

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

## WHERE CAN I CHARGE ON THE ROAD?

Public charging options are increasingly available in Minnesota and North Dakota. There are dozens of stations throughout both states, with more popping up all the time.

**PlugShare.com**, a national online charging station locator, is one of many online tools to find charging opportunities between you and your destination.