



ELECTRIC VEHICLES

Why buy an electric car?

Save up to \$10,000 on fuel and maintenance costs over 5 years, compared to gasoline vehicles, plus other great benefits.



SAVE MONEY

Save up to \$10,000 on fuel and maintenance costs over 5 years.

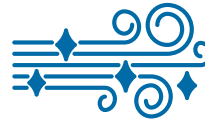
If you drive 15,000 miles a year, you could save \$1,400 on fuel and \$600 on maintenance each year. *(Savings vary based on driving habits and fuel prices.)*



BETTER RIDE

Enjoy high performance and near-instant acceleration.

Electric models are available from all major automakers in a variety of vehicle types and price levels.



CLEANER AIR

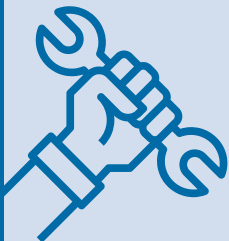
Breathe easy with no tailpipe emissions and less heat-trapping gases like carbon dioxide.

EVs running on electricity from utility power sources in Montgomery County produce less than 1/3 of the CO2 compared to similar gas vehicles.



ENERGY INDEPENDENCE

With an electric car, you can charge at home or around town and end reliance on fluctuating gas prices.



NO OIL CHANGES

EVs don't need oil changes, have fewer moving parts, and have regenerative braking systems that reduce wear and tear.

EV BATTERIES CAN LAST 10-20 YEARS OR UP TO 300,000 MILES

Battery range can decrease over time. To maintain battery performance, keep your battery between 20-80% charge and avoid frequent DC Fast Charging.

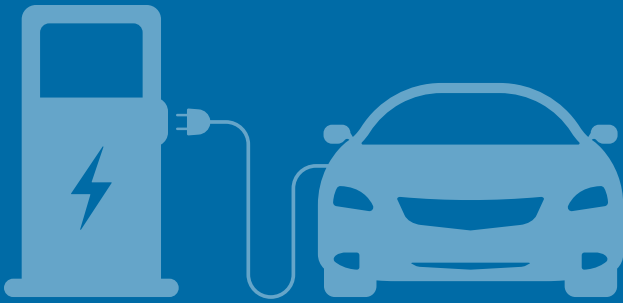


REBATES AND INCENTIVES: *Programs in our area can help reduce the costs of new electric vehicles and charging equipment!*

Federal Income Tax Credit: Up to \$7,500 for certain new vehicles models and \$4,000 for used vehicles. The credit reduces your total tax bill and is limited by family income.

Maryland Electric Vehicle Supply Equipment (EVSE): Rebate equal to 40% of the cost of equipment and installation, up to \$700.

How do you charge an Electric Vehicle?



CHARGING AT HOME

Charging at home is one of the biggest benefits of owning an EV. Most EV owners charge at night and start each day with a full battery.

Charging at home can add \$20-50 per month to your electric bill, depending on how often you charge. Ask your utility about time-of-use rates that can reduce your charging costs.

On average, installing a Level 2 charger at home costs \$1,200, but prices can vary.

Contact a qualified electrician to get a recommendation and cost estimate to install a charging station at home.

CHARGING IN PUBLIC

You can charge your electric vehicle at over 500 public charging stations in Montgomery County, including 90 DC Fast Charging ports.

The U.S. has 6,000 fast charging stations for EVs.

Find public charging and plan your trip with a variety of websites and mobile apps:

- Alternative Fuels Datacenter
- PlugShare
- ChargeHub

For information on how to electrify everything, visit MyGreenMontgomery.org/electrify

TYPES OF CHARGERS

Level 1 Chargers

- 5 miles of range for every hour of charging
- **Plug into standard 120V outlets** with manufacturer-provided charging cord
- Overnight charging meets your needs if you normally drive 40 miles or less daily

Level 2 Chargers

- 25 miles of range for every hour of charging
- **Can be installed at home with a 240V circuit**, like a dryer plug
- Commonly found at retail and public parking

Level 3 Direct Current Fast Chargers (DCFC)

- Full charge in 30 minutes or less
- Found along highways and public charging locations
- Not compatible with plug-in hybrids and some fully electric models

For more information on electric vehicles, scan the QR code or visit MontgomeryCountyMD.gov/ZEV



MONTGOMERY
energyconnection

YOUR LINK TO ENERGY SAVINGS

MontgomeryEnergyConnection.org