



YOUR GUIDE TO
Electric Vehicles



ELECTRIC VEHICLES: Four Reasons to Switch



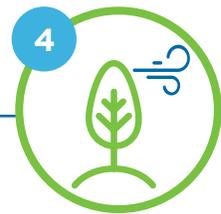
LOWER GREENHOUSE
GAS EMISSIONS



COST
COMPETITIVE



NO
HASSLE



IMPROVE
AIR QUALITY

An electric vehicle (EV) is a vehicle that runs on electricity, instead of gasoline.

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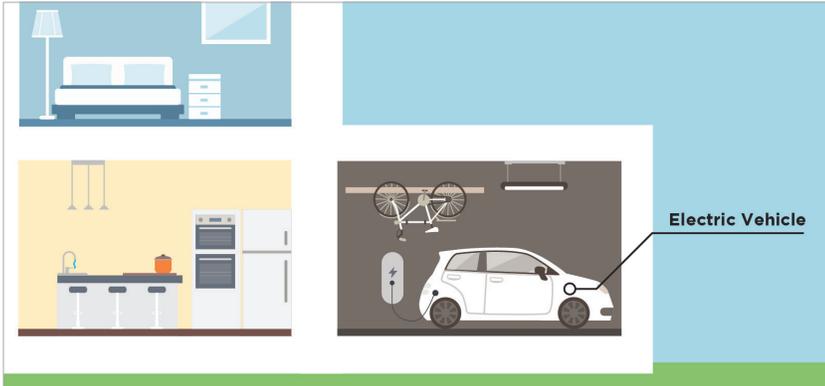




ELECTRIC VEHICLES

Technology Overview

Electric Vehicles (EVs) use electricity to charge a battery, which then discharges its energy to propel the vehicle. Instead of requiring gasoline fill-ups at a gas station, like a gasoline-powered car, electric vehicles are plugged into electric chargers. There are two types of electric vehicles: pure battery-electric vehicles, that run solely on electricity, and plug-in hybrids, which have a back-up gas tank.



Electric Vehicle

For more information on Electric Vehicles, check out [Green Energy Consumers Alliance Drive Green Program](#).



ELECTRIC VEHICLES

Benefits of Electric Vehicles

COST

- Cost competitive with gasoline-powered vehicles with today's available incentives
- Fuel costs of electricity are typically lower than fuel costs for gasoline-powered vehicles
- Save money by eliminating oil changes and reducing the number of service visits needed

COMFORT

- Some of the safest cars on the market due to their weight distribution
- Improved air quality due to reducing the amount of particulate matter and harmful chemicals released into the environment

GREENHOUSE GAS EMISSIONS

- Lower greenhouse gas emissions than gasoline-powered vehicles
- Potential to have lowest greenhouse gas impacts when paired with solar PV or 100% renewable electricity

OPERATION

- Eliminate oil changes and reduce maintenance
- Reduce the number of service visits necessary – brake pads on electric vehicles last much longer than their gasoline-powered counterparts
- Reduce the time spent going to the gas station by charging electric vehicles at home, work, or while you are out doing errands

Information on Electric Vehicles is sourced from the Green Energy Consumer's Alliance Drive Green Program. MassCEC is a proud supporter of the [Green Energy Consumer's Alliance Drive Green Program](#).



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