

Light-duty Vehicles

Hybrid vs. Fully Electric

[How Plug-In Vehicles Work](#)

Learn how different types of electric vehicles and plug-in hybrid electric vehicles work in a video provided by the Department of Energy.

Make/Models/Price

[About Hybrids and Electric Cars](#)

Guidelines to better understand the differences between major hybrid and electric car types. Includes side-by-side comparisons, how they work and new and upcoming models.

Electricity Sources

[Emissions From Hybrid and Plug-In Electric Vehicles](#)

Hybrid electric vehicles (HEVs), plug-in hybrid electric vehicles (PHEVs), and all-electric vehicles (EVs) typically produce lower tailpipe emissions than conventional vehicles do, however, there are emissions associated with electricity production in the US. Learn where the electricity is coming from and how much emissions are coming from each car.

Alignment with ME Goals

[Maine Won't Wait](#)

Maine Won't Wait estimates that there needs to be 219,000 light-duty vehicles on the road by 2030 in order to meet its emissions targets. Currently, EVs account for only 1% of registered vehicles in Maine.

Operation & Maintenance

[Maintenance and Safety of Hybrid and Plug-In Electric Vehicles](#)

HEV and PHEV require the same general maintenance as conventional vehicles. EVs require less maintenance because they have fewer moving parts and fluids to change.

EV Lending Program

The Greater Portland Council of Governments has a 2020 Kia EV Niro that municipal staff, elected officials or other transportation stakeholders may borrow for up to a week at a time. Must have a valid license. Sign up [here](#), and we'll shoot you an email!



Did You Know?

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On average, the cost to power a vehicle by electricity is half the cost per mile to power it by gasoline, and electricity prices are much more stable than gas prices.