



Electric car mileage cost calculator

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Use the Driving Electric: Local Fuel Savings Calculator below to compare the cost of driving a battery electric vehicle (BEV) or a plug-in hybrid electric vehicle (PHEV) to a conventional vehicle where you live. Start with your ZIP code or State.

Change any of the (default) values in the left-most column below for a more tailored savings comparison. When modifying a numerical value, press the <Enter> key afterwards or deselect the input box to update the calculations. To reset a value to its default, please click on the circular arrow in the input field.

To use the tool, select an electric vehicle from our list of new or used plug-in vehicles and select a petrol or diesel car that you'd like to compare with an EV. Then enter your journey distance, journey frequency and both your home electricity costs and petrol/diesel costs.

Your results will show how much you could save on the total journey fuel cost, when driving electric instead of petrol or diesel. The benefits in cost of driving an EV will also be shown in cost per mile and annual cost for your chosen journey.

AND electric vehicles don't need oil changes and a variety of other maintenance procedures that gas-powered vehicles require, so you'll enjoy reduced operating costs as well. The U.S. Department of Energy estimates all-electric vehicles cost around 40% less to maintain than internal combustion vehicles.¹

The pre-set values below are an approximation of today's electricity and gasoline rates. Customize the inputs to see what kind of benefits you might get when you switch from a gasoline-powered car to an electric vehicle (EV).

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Electric vehicles (EVs) are much better for the environment and, in most cases, are more cost-effective to operate than a gas-powered vehicle. In addition to their energy costs usually being lower, EVs also have fewer moving parts and require much less maintenance over the life of the vehicle.



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Your actual savings will be based on a variety of factors that include the number of miles that you drive, the cost of electricity in your area, the efficiency of your EV, the fuel economy of your internal combustion engine (ICE) vehicle, and the cost of gasoline or diesel fuel in your area.

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