

Get to Know Electric Vehicles



Electric Vehicles (EVs) are taking the market by storm and interest among your customers is growing at an exponential rate. NV Energy is here to support PowerShift dealer partners with resources to drive sales.

Utilize our comparison tool at nvenergy.com/ev to help your customers compare fuel savings, find tax credits and rebates, estimate their energy bill with an EV, and more!

Key Points



The cost to charge an EV in Nevada is equivalent to paying less than \$1 per gallon of gasoline.



Electric vehicles have the lowest maintenance and repair costs at 6.6 cents per mile.

EV Owners Save On Maintenance

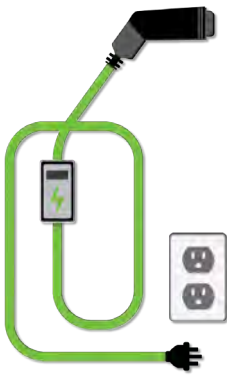
- AAA reports that EVs have the lowest maintenance and repair costs at 6.6 cents per mile.
 - Fewer moving parts means no more oil changes, spark plugs, and timing belts.
 - No exhaust means no muffler or catalytic converter.
- Federal regulations mandate that EVs include a battery warranty of 8 years or 100,000 miles, whichever comes first. That is the usual lifetime of a vehicle!



EV Charging Is Simple & Affordable

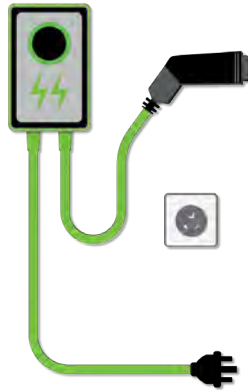


On average, the cost to charge an EV in Nevada is equivalent to paying less than \$1 per gallon of gasoline. The average price for a full charge is \$3.20 for an EV with a 64-kWh battery through NV Energy’s special time-of-use (TOU) rates, or around \$7.00 for a full charge at NV Energy’s residential rate.



Level 1

is the adapter that comes standard in all EVs. This plugs into a conventional household outlet and provides 3-5 miles of range per hour.



Level 2

240-volt charging stations will fully charge an EV’s battery overnight. Level 2 charging provides ~25 miles of range per hour. this can be installed in a customer’s home.



Level 3

DC fast chargers provide a full charge in 30-40 minutes. Free fast charging is becoming a more common amenity in public and at some workplaces.