

Advantages of Electric Vehicles (EVs) over Gas/Diesel Vehicles

EVs have much CHEAPER lifetime ownership costs:

Cheaper to **buy** - (near parity w/gas models now)

Extra savings from Fed/state in flux

Cheaper to **maintain** - fewer moving parts to break or fail

No gas, oil, spark plugs, transmission, or tailpipe

No catalytic converter to be stolen

Cheaper to **drive** - 50% to 75% less per mile

EVs are HEALTHIER:

No particulate matter (PM2.5) or NO2 emissions

Reduces asthma attacks, cardiovascular diseases, smog

EVs have fewer roll-over accidents

EVs are the FUTURE:

EV share of new car sales World-wide increasing, avg 14%

Norway 90%; EU-27 21%; U.S. lagging at 8%

EVs offer solution to meet international agreements

30+ countries phasing out new gas-car purchases by 2035

EVs SLOW DOWN CLIMATE CHANGE

No Greenhouse Gas Emissions, avoiding average of 4-8

tons of CO2 annually per car (even more after 2035 in WA)

EVs are FUN to drive

Benefits And Incentives

1. WA State sales tax is waived on first \$15,000 of EV purchase price if MSRP is under \$45,000. May be victim of WA budget crunch this year.
2. WA State EV Instant Rebate Program may be available, dependent upon funding. For low income drivers, it provides up to \$9,000 off new EV lease, up to \$5,000 off new EV purchase, and up to \$2,500 for used EV purchase or lease. See <https://waevinstantrebates.org/>
3. Puget Sound Energy provides up to a \$600 rebate for its qualified customers who buy a new Level 2 EV charger for installation at their residence.
4. As long as it has not been repealed, the Inflation Reduction Act (IRA) is scheduled to be in effect thru 2032. It consists of a Federal tax credit or point of sale rebate of up to \$7500 for a qualified new EV and up to \$4000 for a qualified used EV. If leasing, the dealer may pass these incentives to you to lower your lease cost and monthly payment.

Important References For Future EV Buyers

IRS Fact Sheet for FAQ related to new, previously owned, and qualified commercial clean vehicle credits: FS-2023-08, March 2023

<https://www.irs.gov/pub/taxpros/fs-2023-08.pdf>

Manufacturers and Models for New Qualified Clean Vehicles Purchased in 2023 or After:

<https://www.irs.gov/credits-deductions/manufacturers-and-models-for-new-qualified-clean-vehicles-purchased-in-2023-or-after>

Buyer tools and specs for all EVs and PHEVs (many tabs at same website)

<https://fueleconomy.gov/feg/alternatives.shtml>

Federal Tax Credits for Plug-in Electric and Fuel Cell Electric Vehicles Purchased in 2023 or After.

<https://fueleconomy.gov/feg/tax2023.shtml> (Dept of Energy and EPA)

Ownership Cost Calculator: afdc.energy.gov/calc

EV Basics: <https://pluginamerica.org/>

<https://rideanddriveclean.org/steps-to-driving-electric/>