# Jeffry Berner

Incentives to-date have focused exclusively on subsidizing the initial purchase price of EV vehicles. For example, Washington state through 2025 had offered a sales tax break up to $15,000 on new EVs and up to $16,000 on used EVs. It is proposed that this program be re-authorized with EV buyers having the option of:
a) receiving sales tax reduction
b) covering full cost of home EV charger (1x/Washington resident) regardless home owner or renter.
c) subsidized costs for DC fast charger electricity for a period of 3-5 years.
These three options could be provided at equivalent cost per vehicle and would be better tailored to individual circumstances. With regards to item c), individuals without access to charging at either home or work cannot obtain the lower cost benefits of EV ownership. My most recent fast charging had a rate of $0.56/kWh. As may be seen in the attachment, it actually costs more per year to drive a Hyundai Ioniq 5 than an Hyundai Elantra (-$660/year for 15,000 miles/year).

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# EV Savings Calculator

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# Calculate your Potential Savings

## How far does **$4.26** drive your car?

**Understanding your savings potential.**

The values 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).

EV gets you this many more miles for the price you pay for a gallon of gas.

**-10 mi**

Gas **36** miles

EV **26** miles

| Local fuel price/gallon | Est. MPG of gas vehicle | | Est. mile/kWh for EV | Utility kWh rate* |
|---|---|---|---|---|
| $ 4.26 | 36.00 | RESET ALL | 3.450 | $ 0.56 |
| | 2025 | | 2025 | |
| | Hyundai | | Hyundai | |
| | Elantra - Automatic (AV-S1) | | Ioniq 5 Standard range (3.4 | |

## How much should it cost to drive **15,000** miles per year?

**A year of driving, a year of saving.**

Average annual driving estimates vary across the US, but the EPA and DOE use 15,000 miles/year as the average for most fuel use estimates. This estimate is based on the above inputs.

Switch to EV and save big on fuel. Estimated annual savings:*

**$ -660**

Gas **$1,775** /yr.

EV **$2,434** /yr.

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**Understanding your savings potential.**

Savings add up! The following cost and savings estimates are based on the information you've provided above. Think of all of the things you could do with the potential savings.

Switch to EV and your 5 year savings could look like this:*

**$ -3,299**


*Disclaimer: This tool is only intended to provide an estimate of potential savings. Actual results will vary. Customers may not realize similar energy savings or carbon emission reductions. Vehicle data is subject to change without notice. This is the estimated residential electricity rate for the utility. This rate may not include tiered or time-of-use rates. Rates change periodically. Utility does not warrant or represent that this data is accurate. In no event shall the utility or its suppliers be liable for any special, indirect or consequential damages or any damages whatsoever, including, but not limited to claims associated with the accuracy of this data or information.