

# Electric Vehicles & Idaho's Future

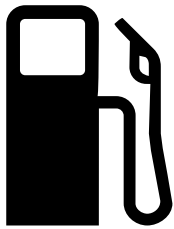
## Automakers Investing in EVs

Nearly every major automaker is planning future fleets that will be largely, if not entirely, powered by electricity.

- Ford pledged to invest \$11 billion and 40 "electrified" [hybrid, plug-in or battery EV] models by 2022.
- Volkswagen announced they are investing \$800 million in Chattanooga, TN for EV production to start in 2022.
- GM plans for an "all-electric future," with 20 all-electric vehicles by 2023.
- Toyota and Mazda pledged to build a \$1.6 billion U.S.-based plant by 2021, where they'll build electric and hybrid vehicles.

Auto-maker giants such as Ford, GM, and Toyota are making business decisions today that are setting them up to be major producers of EVs in the future.

### IDAHO TODAY



Idaho imports nearly 100% of our transportation fuels. This exposes Idahoans to:

- Price fluctuations
- Potential disruptions in supply
- International security concerns

while draining nearly \$3 billion from our state each year.

Idaho's families and businesses spend \$2.8 billion/year on transportation fuels, yet Idaho retains only a fraction of this total.



19% goes to all state and federal taxes

### REDUCING POLLUTION & GROWING BUSINESS

Transportation is one of the major sources of air pollution in cities across Idaho.

- Businesses that are new or expanding would be significantly affected by worsening air quality because they would be subjected to tighter pollution limits on required air quality permits.
- The cleaner we keep our air, the more room businesses have to grow in cities throughout Idaho.

Powering zero-emission electric vehicles with clean energy produced in our state protects our health while ensuring opportunities for economic development.



# IDAHO'S OPPORTUNITY

Electric vehicles are the future of transportation – in Idaho and throughout the nation.

According a study by Idaho National Laboratory, Idaho's premium fees for EVs & plug-in hybrids are set too high. They unfairly penalize EV and plug-in hybrid owners, charging them nearly double a fair fuel tax.

NEW PASSENGER VEHICLE REGISTRATION PREMIUMS & INL'S 2014 ANALYSIS OF PREMIUMS

	ELECTRIC	PLUG-IN HYBRID	GAS
CURRENT REGISTRATION FEE	\$69	\$69	\$69
GAS TAX PREMIUM	\$ 140	\$75	N/A
STUDY SUPPORTED PREMIUMS	\$72.22	\$34.73	N/A

Idaho is in an ideal position to increase the number of EVs on our roads and highways as well as power those EVs with one of the cleanest energy grids in the U.S.

- EV & plug-in hybrid vehicle owners bring a host of benefits to Idaho.
- Encouraging electric vehicles means that energy will be produced, purchased and consumed within our state's borders.
- Idaho is inadvertently discouraging EV & plug-in hybrid ownership through punitive registration premiums.

Idaho's own national lab has provided data we need to implement fair and equitable registration premiums.

- For Idaho to truly take the lead in this emerging technology, **we must minimize barriers to EV ownership.** That begins with making sure EV and plug-in hybrid owners aren't being charged unfair registration premiums.

**Let's use these results to incentivize purchases of EVs, and let's power these vehicles with power produced right here in Idaho.**

