

CLEAN CARS 2030

HB 1204/SB 5256

- All new vehicles beginning with model year 2030 must be electric to be registered in Washington
- Model-year 2029 and earlier vehicles, emergency vehicles and vehicles over 10,000 pounds are not affected
- Hydrogen fuel cell vehicles qualify as electric



2030 is Achievable

- Dozens of electric models of cars, SUVs and trucks with ranges over 250 miles will be available by 2023
- The UK, Netherlands, Ireland, Sweden and Norway are phasing out new gas cars by or before 2030

Washington Should Lead

- Cars, trucks and SUVs are Washington's largest source of carbon pollution
- We have some of the country's lowest electric rates -- 1/3 the cost of gasoline
- We have some of the most expensive gas in the country
- 70% of our electricity comes from renewable sources
- It could be years before we know whether CA's 2035 strategy will work due to legal challenges
- 59% of Washington voters support a 2030 electrification requirement - *Climate Nexus Poll*

A Gradual and Certain Transition

- A fixed date gives automakers and utilities certainty about the EV market
- Only 5% of the vehicles on the road are new each year
- Used gas cars will be available until the mid-2040's
- People moving from other states can keep their vehicles

Charging Will Be Convenient and Accessible for All

- Even an ordinary 110-volt wall outlet provides 50 miles of charge overnight
- Public EV charging is already available in many parking lots and garages - by 2030 there will be adequate charging everywhere
- Public fast charging will be about as fast as pumping gas
- Apartment dwellers will be able use public fast charging just as they use gas stations today

EVs Save Money

- The lifetime cost of operating an EV is less than a gas car -*Consumer Reports*
- EV owners save more than \$1000 a year on fuel and maintenance -*US Dept. of Energy*
- No surprise repairs -with fewer than 25 moving parts, EVs are more reliable

Equity

- EVs improve health by eliminating auto pollution, a major cause of asthma, cancer, dementia, and heart disease. Low-income Black, indigenous, and other marginalized communities are more likely to suffer such adverse health impacts. -*American Lung Association*
- Federal and state policy prioritizing EV charging in low-income communities

Making EVs Affordable

- Most EVs qualify for federal tax credits up to \$7500 plus a state sales tax exemption up to \$2500
- Used EVs get a state sales tax exemption up to \$1600
- WSDOT has \$6 million to support EV car sharing for underserved communities (HB 2042)

Infrastructure Programs

- Ecology investing \$17M from the VW lawsuit for EV infrastructure grants, plus match where applicable
- WSDOT investing \$10M for EV charging, plus match where applicable
- Commerce investing \$10.7M for EV charging in impacted and vulnerable communities
- Electrify America, EVGo and other private companies are making large charging investments in WA
- Utilities can offer incentive programs for home charging and limit costs to ratepayers (HB 1512)

Proposed EV Funding Bills

- A Clean Fuel Standard will generate billions of dollars in credits from polluters for EV infrastructure and incentives over the next decade
- New bills direct funding to EV charging
- Biden plans massive federal EV charging initiative

Jobs and the Economy

- Money saved on gasoline and maintenance boosts local economies-MJ *Bradley*
- EV infrastructure buildout will create thousands of jobs for electricians and other trades

Clean Water

- EVs help salmon and orcas by avoiding the leaked gasoline and motor oil that are the biggest source of pollution in our waterways
- EVs' regenerative brakes reduce toxic metals from brake pads entering waterways



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Coltura • Environment Washington • Green Latinos • Earth Ministry/Washington
Interfaith Power & Light • League of Women Voters • Plug In America
Stand.Earth • The Nature Conservancy • Washington Physicians for Social
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