Why Wait?

- 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

**ENDORSERS INCLUDE**
- Audubon • Center for Biological Diversity • Climate Solutions
- 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 Responsibility • 350 Seattle • 350 Tacoma • WashPIRG

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