THE FUTURE IS ELECTRIC

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CLEAN AIR

Greatest percentage of carbon emissions in the state come from the transportation sector.

Increasing EV adoption is part of overall approach to reducing green-house gas emissions.
EV 101 FOR WA

WA is committed to reducing greenhouse gas emissions

- By 2020: reduce overall emissions of greenhouse gases to 1990 levels
- By 2035: reduce overall greenhouse gas emissions to 25 percent below 1990 levels
- By 2050: reduce overall greenhouse gas emissions to 50 percent below 1990 levels
UNIQUE ELECTRICITY INFRASTRUCTURE

- Cheap, clean and abundant hydro power
- Consistently low electricity rates when compared to other states
- Huge advantage when it comes to adopting EV vehicles
- WA is also a long-recognized national leader on environmental issues
EV POLICY GOALS AND LEGISLATION

Results WA goal: 50,000 plug-in EV’s by 2020

Legislative efforts

- Plan available until June 2019 or once 7,500 new electric vehicles have registered with the state
  - Sales and Use Tax exemption—expired in May 2018 given statutory caps were met

- Clean Alternative Commercial Vehicle Tax Credits—provides for a B&O and PUT tax credit to increase sales of commercial vehicles that use clean alternative fuel
  - Tax credit varies by gross vehicle weight
  - Credits earned through January 1, 2021
EV INFRASTRUCTURE BANK

West Coast Electric Highway- DC fast charging stations every 25 to 50 miles along I-5 and other major roadways

- US Department of Energy provided funding through the WA State Dept of Commerce for this infrastructure
- $50 fee for EVs--first $1.0m collected to go to EV Infrastructure bank to support partnerships with non-profits to expand EV infrastructure
- WSDOT has awarded $1m in grants and leveraged matching commitments of $1.5 million for a total investment of $2.5 million in EV infrastructure
OTHER EV INITIATIVES

EV annual registration fee (pay fair share of road maintenance): $150 per year
- Funds are deposited into the motor vehicle fund which is used for highway purposes.
- Note: The first $1.0 million of $50.00 of this fee went to support the EV Infrastructure Bank. Funds collected after the $1.0 million deposited into the motor vehicle fund.

Study identifying opportunities to facilitate low-income utilization of EVs including evaluation of EV car-sharing.
- $75,000 2018 Transportation Budget Proviso
- Report due December 1, 2018
NEXT STEPS

▪ Revive sales tax incentive program and include low-income component
▪ Expand EV infrastructure bank
▪ Improve electricity infrastructure: publics and private (IOUs) – level the playing field on EV infrastructure
▪ Ideas?