

MINUTES
JOINT MEETING

**HOUSE ENVIRONMENT, ENERGY & TECHNOLOGY COMMITTEE
SENATE TRANSPORTATION COMMITTEE**

DATE: Thursday, February 14, 2019

TIME: 1:30 P.M.

PLACE: Lincoln Auditorium

MEMBERS: Chairman Vander Woude, Vice Chairman Amador, Representatives Anderson, Anderst, Horman, Moon, Scott, Ehardt, Armstrong, Furniss, Hartgen, Lickley, Raybould, Young, Smith, Chew, Ellis, Mason
Chairman Brackett, Vice Chairman Crabtree, Senators Winder, Den Hartog, Lodge, Rice, Burtenshaw, Buckner-Webb, Nelson

**ABSENT/
EXCUSED:** Vice Chairman Amador, Representative Armstrong, Senator Burtenshaw

GUESTS: Jen Visser, Idaho Power; John Chatburn, Governor's Office of Energy and Mineral Resources; Elli Brown, Idaho National Laboratory

Chairman Brackett called the meeting to order at 1:34 p.m.

John Chatburn, Office of Energy and Mineral Resources, presented an update of electric vehicles in Idaho. In October 2017, Idaho **Governor Otter** signed a Memorandum of Understanding (MOU), entitled Regional Electric Vehicle Plan for the West (REV West Plan), with seven states to include Arizona, Colorado, Montana, Nevada, New Mexico, Utah, Wyoming and Idaho. The intent of the MOU is for participating states to collaborate when building electric vehicle infrastructure on major highways and interstates across the West. Seven states are working on a shared vision so the public may seamlessly drive an electric vehicle across the Signatory States' major transportation corridors.

As a result of the 2016 Volkswagen settlement, Idaho is eligible to request \$17.3M to be used on projects reducing Nitrous Oxide emissions from its transportation sector. Of requested funds, approximately \$2.8M can be used towards light-duty alternative fuel infrastructure/stations. The Electric Vehicle Supply Equipment (EVSE) program is Idaho's light duty alternative fuel infrastructure program. The plan is to create a network of Electric Vehicle DC Fast Charging Stations on Idaho highways and interstates. The first proposed corridors for EVSE include Highways 95, 55, 75 and 93, and Interstates 84, 86, 15 and 90. Under Electrify America, a subsidiary of Volkswagen, created by the VW Settlement, are five fast charging stations located along I-84 and I-15 in Boise, Mountain Home, Heyburn, Chubbuck and Idaho Falls.

Jen Visser, Idaho Power, presented an overview of electric vehicles and charging stations in Idaho, with maps showing specific locations in Southern, Central and Northern Idaho and the Treasure Valley. Three power companies are collaborating with Idaho Power on future electric charging stations: Idaho Falls Power, Rocky Mountain Power (Utah, Idaho and Wyoming) and Avista Power (Washington State). Three barriers prevent people from purchasing electric vehicles: High cost of an electric vehicle; Range Anxiety - the concern of not being able to travel far without recharging the vehicle; Charging infrastructure and available networks across multiple locations. Idaho Power works with various entities to help alleviate these barriers.

Elli Brown, Idaho National Laboratory (INL), presented an overview of INL's involvement in electric vehicles and technology. INL, states, and utility companies are working together to learn how electric vehicle owners in the Mountain West charge cars, and how advanced technologies will affect habits. INL researchers are collecting and analyzing data about how and when people charge vehicles, and environmental benefits. From 2009 to 2013, INL researchers participated in the EV Project, installing 13,000 charging stations in 13 major cities and EV markets across the country. INL researchers collected and analyzed data from 124 million miles of vehicle use and 14 million charging events, and from 57 charging stations as part of the West Coast Electric Highway Project. The effort shed light on driving and charging habits of EV drivers on highways around major metropolitan areas in Washington state and Oregon. The EV Project reflects the limited range of early EV: most charging happened at home; when chargers were available at work, people used them; and EV owners charged less often at other charging locations. With longer-range EV, INL researchers will use their experience in data collection and analysis to learn about habits of next generation of EV owners.

ADJOURN: There being no further business to come before the committee, the meeting adjourned at 2:28 p.m.

Representative Vander Woude
Chair

Renee McPherson
Secretary