

# Oregon Department of **ENERGY**

## Transportation System Electrification

Joint Committee on  
Transportation

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# EXECUTIVE ORDER 17-21

- Signed by Governor Brown on November 6, 2017, to accelerate the adoption of Zero Emission Vehicles in Oregon
- The EO sets a goal for the state to have 50,000 registered EVs by the end of 2020



# EVs HELP ACHIEVE OREGON GOALS

The transportation sector is the largest contributor to greenhouse gas emissions in the state and these emissions continue to grow.



EVs can reduce fuel costs and price volatility for families and businesses by using electricity, which is less costly and has more consistent pricing than traditional transportation fuels



Using Oregon's low-emission electricity resources to fuel vehicles will reduce transportation sector emissions – with progressively larger reductions over time as our grid gets cleaner.



EVs can improve health for Oregonians by reducing localized air pollutants.

ELECTRIC  
VEHICLES

# EXECUTIVE ORDER IMPLEMENTATION

**22,280\*** electric vehicles registered in Oregon as of December 31, 2018.

## Core Strategies for Increasing EV Adoption in Oregon

1. Lead by Example
2. Increase Access to EVs
3. Increase Access to EV Charging Infrastructure
4. Provide EV Information
5. Celebrate Successes

## ZEVIWG RESPONSIBILITIES

- Implement executive order
- Coordinate state agency activities
  - Align efforts
  - Find efficiencies
  - Identify and close gaps
- Develop goals and metrics
- Reach out to partners to identify barriers
- Establish a website to inform the public

## ZEVIWG Members

- Department of Energy (lead)
- Department of Environmental Quality
- Department of Transportation
- Public Utility Commission
- Department of Administrative Services

# EXECUTIVE ORDER STRATEGIES & ACTIVITIES

## INCREASE ACCESS TO EVS

1. Electric Vehicle Rebate Programs (DEQ)
2. Clean Fuels Program (DEQ)
3. Zero Emissions Vehicle Regulation (DEQ)
4. Consumer Engagement in Transportation Electrification Plans (PUC)

## INCREASE ACCESS TO EV CHARGING

1. Leveraging VW Mitigation Fund (DEQ, ODOT, ODOE, OHA)
2. Leveraging VW Zero Emission Vehicle Fund (ODOT, DEQ, PUC, local gov'ts)
3. Charging Infrastructure in Transportation Electrification Plans (PUC)
4. Electric Vehicle-Ready Building Construction (DCBS, BCD)

## STATE LEAD BY EXAMPLE

1. State Electric Vehicle Chargers (DAS, ODOE)
2. Electric Vehicle Policy for State Parking Lots (DAS)
3. Long-term Return on Investment of Electric Vehicles (DAS, ODOE)
4. Bulk Electric Vehicle Purchases (DAS, ODOE)
5. Enabling Electric Vehicle Purchases and Infrastructure (DAS)

## PROVIDE EV INFORMATION

1. Assisting School Districts (ODOE, ODOT, PUC, DEQ, and ODE)
2. Assisting Transit Agencies (ODOT, ODOE, PUC, DEQ)
3. Assisting Consumer Owned Utilities (ODOE)
4. Assisting Investor Owned Utilities (PUC)

## CELEBRATE SUCCESSES

1. Establishing Governor's Awards for Automobile Dealerships (ODOE)
2. Establishing Governor's Awards for Businesses or Organizations (ODOE)



[goelectric.oregon.gov](http://goelectric.oregon.gov)



What drives  
Oregon

# NEXT STEPS

- Continue to build upon interagency work
  - Roll out state-developed evaluation tools to local jurisdictions
  - Develop proposals for future Electrify America opportunities
  - Continued updates and development of GoElectric website to tell Oregonians about EV information, incentive opportunities, and EV success stories
- Engage with external stakeholders to identify barriers
- Bring stakeholder groups together to identify solutions

