



OREGON
DEPARTMENT OF
ENERGY

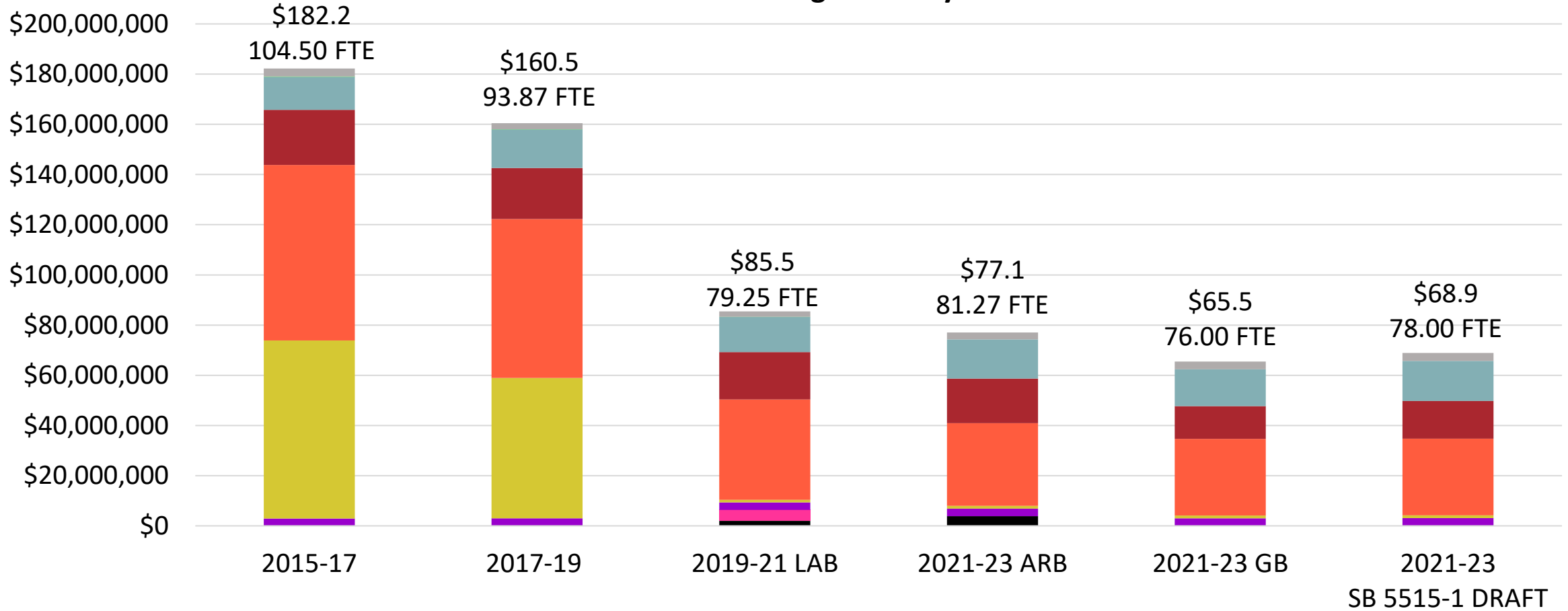
Estimated Budget Impact of SB 5515 (2021)

**Energy Advisory Work Group
June 2, 2021**



History of ODOE's Biennial Budgets with SB 5515 Estimate

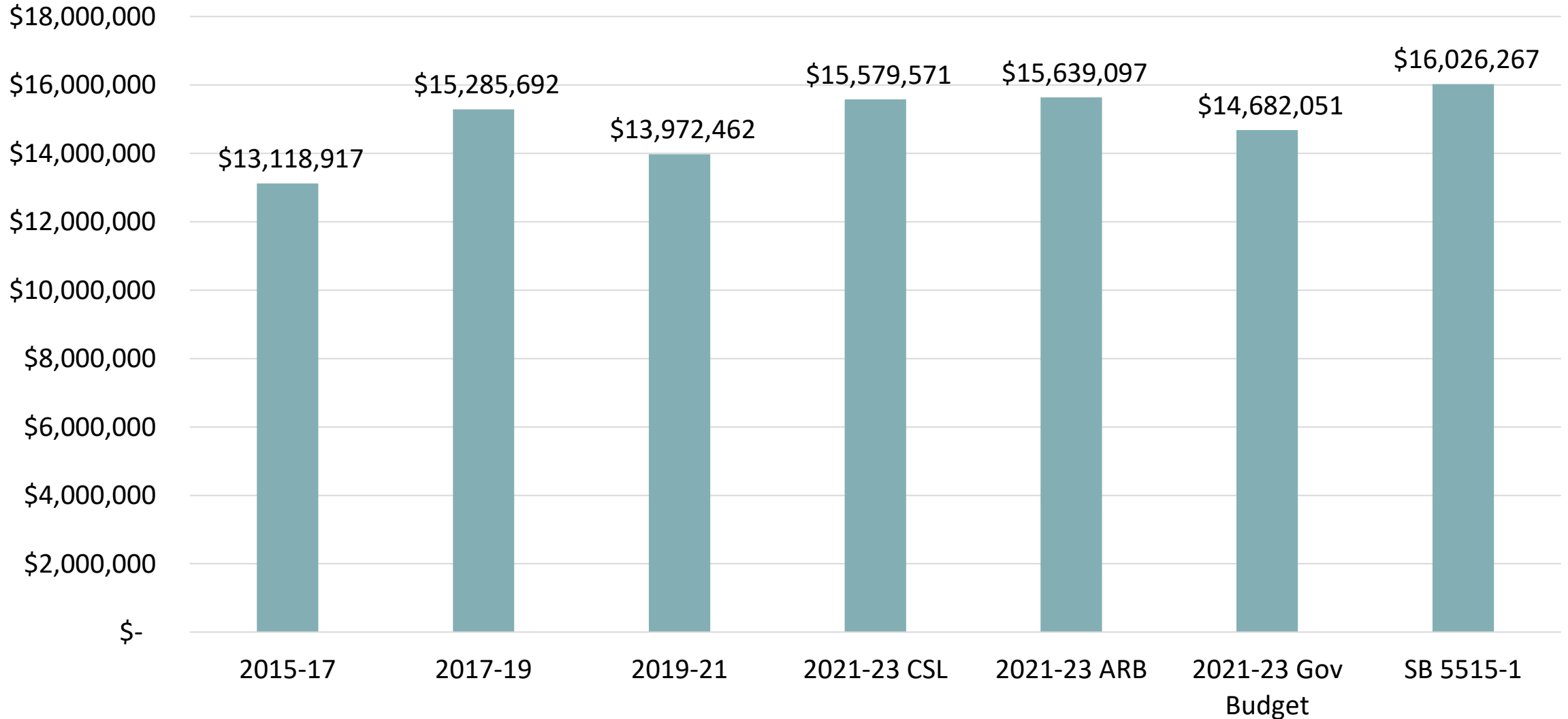
ODOE's Biennial Budget History DRAFT



- General Fund
- General Fund Debt Service
- Lottery Fund Debt Service Ltd
- Other Funds Non-Ltd
- Other Funds Debt Service Non-Ltd
- Other Fund Ltd
- ESA
- Federal Funds Debt Service Non-Ltd
- Federal Funds Ltd

ESA History with SB 5515 Estimate

Draft Assessment History



Oregon Department of **ENERGY**

Rural and Agricultural Energy Audit Program

EAWG Meeting
June 2, 2021

Stephanie Kruse
Facilities Engineer



USDA REDA Grant provides funding for energy audits

- ODOE has received a **\$100,000** USDA Rural Energy Development Assistance Grant
- Grant dollars cover up to **75% of energy audit costs**
- Participants responsible for remaining 25%
- Eligible Participants:
 - Agricultural Producers
 - Rural Small Businesses

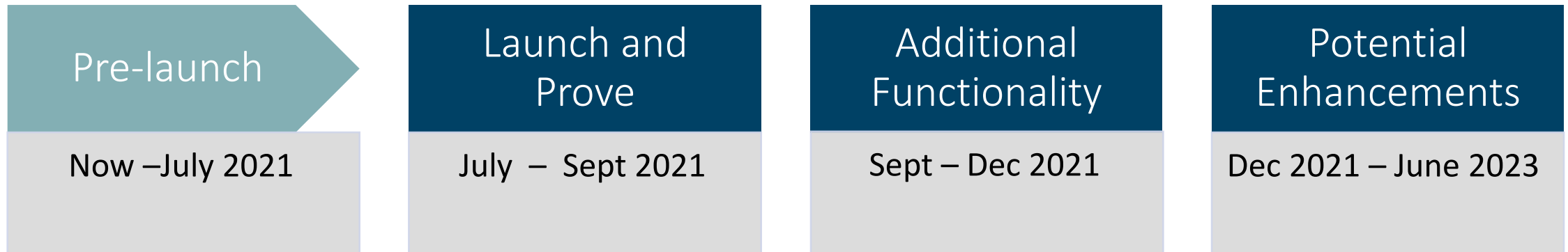


Why did ODOE pursue the REDA grant?

- ODOE heard about the need from the USDA, Energy Trust of Oregon, Sustainable Northwest, and other partners
- Program aligns with ODOE's Strategic Plan and our existing work
- Will help create a centralized resource directory for Oregon businesses seeking energy efficiency and conservation projects

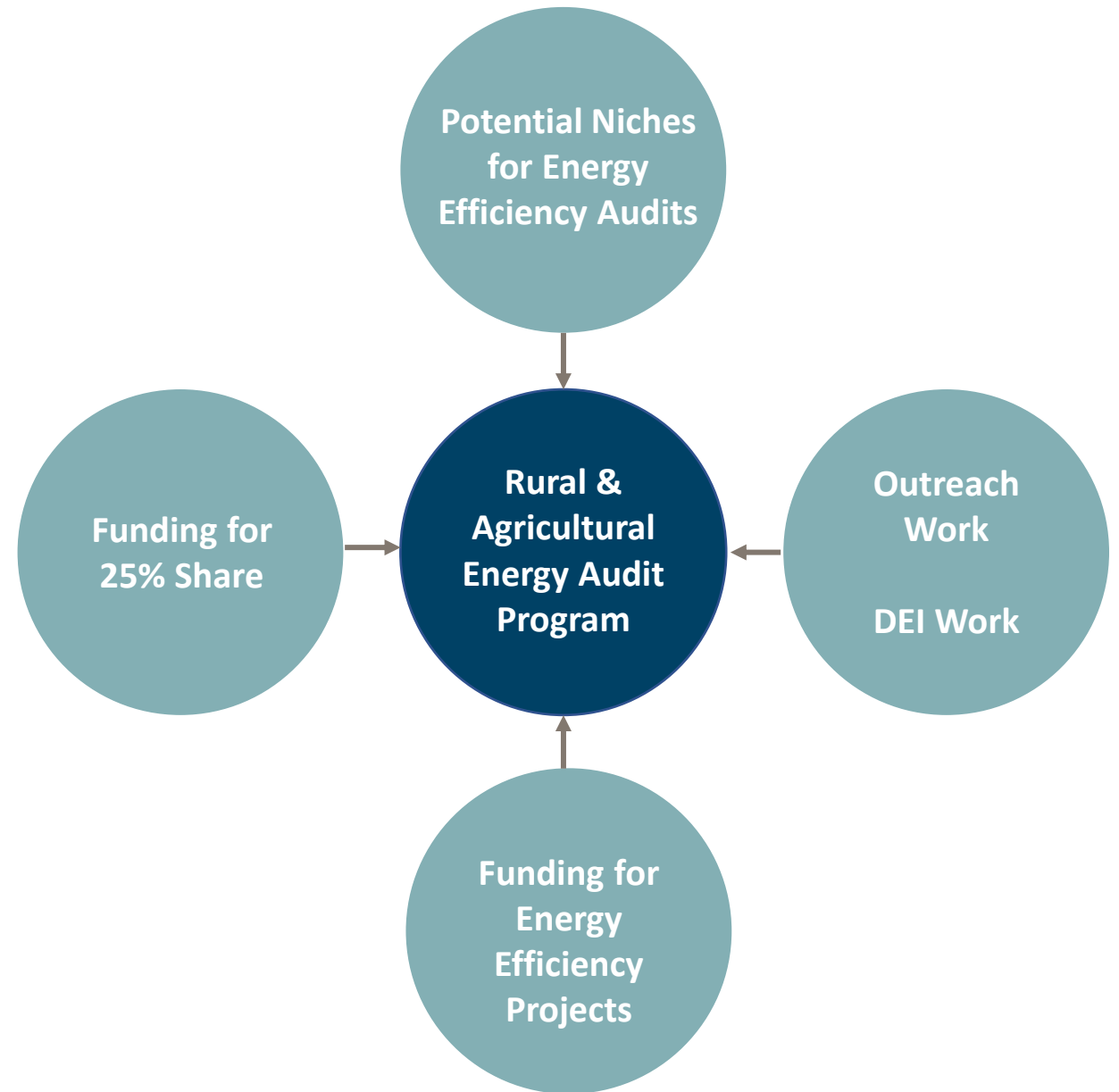
Program Roll Out

Due to short timeframe from grant award to program launch, ODOE is being very intentional about meeting the must-haves first then building from there



EAWG Input

- What avenues are available to help spread the word to your customers or network as the program is developed?
- In the future, we will be looking for partnerships to help support complementary activities or support for other funding requests, would you be interested in partnering with ODOE?



What's Next?

Please reach out to get involved!

ODOE will be the grant administrator and the point of contact for this work:

tom.elliott@Oregon.gov or 503-373-7085

stephanie.kruse@Oregon.gov or 503-373-7804

wendy.simons@Oregon.gov or 503-378-6043

Sign up for email updates:

<http://web.energy.oregon.gov/cn/a6n53/subscribe>

We anticipate launching the program in July.





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Biennial ZEV Report

Report Development Update

Energy Advisory Working Group

June 2, 2021



SB 1044
BiZEV
Report

On or before September 15 of each odd-numbered year, ODOE shall submit to the Governor and Legislature a report on the adoption of ZEVs in Oregon and the progress the state is making to reduce GHG emissions in the transportation sector.

- ODOE shall assess the state's progress on these EV adoption goals.
 - 50,000 registered EVs by 2020
 - 250,000 registered EVs by 2025
 - At least 25% of registered vehicles and at least 50% of new vehicles by 2030
 - At least 90% of new vehicles
- To the extent possible the assessment must focus on
 - commercially available, or near-commercially available, ZEV technology, and
 - rely on *existing studies, data, and analysis*
- The legislation directs ODOE to evaluate 11 specific items in the report.

Draft Table of Contents

Background

- Summary of Legislation
- Overview of state transportation data (use BER)
 - Fuel use and costs
 - Greenhouse Gas Emissions and other air pollutants
- Scope of report development and assessment

Reporting Requirements

Current State of EV Adoption

- How many EVs are there and who is driving them?
 - EV market and progress on specific EV adoption targets
 - distribution of EVs by demographic groups
 - equitable access to ZEVs
- What EVs exist for people to buy and drive/use?
 - ZEV platforms available in all sectors and General state of electrification for all transportation modes
- What is Oregonians' awareness of ZEV options and benefits?



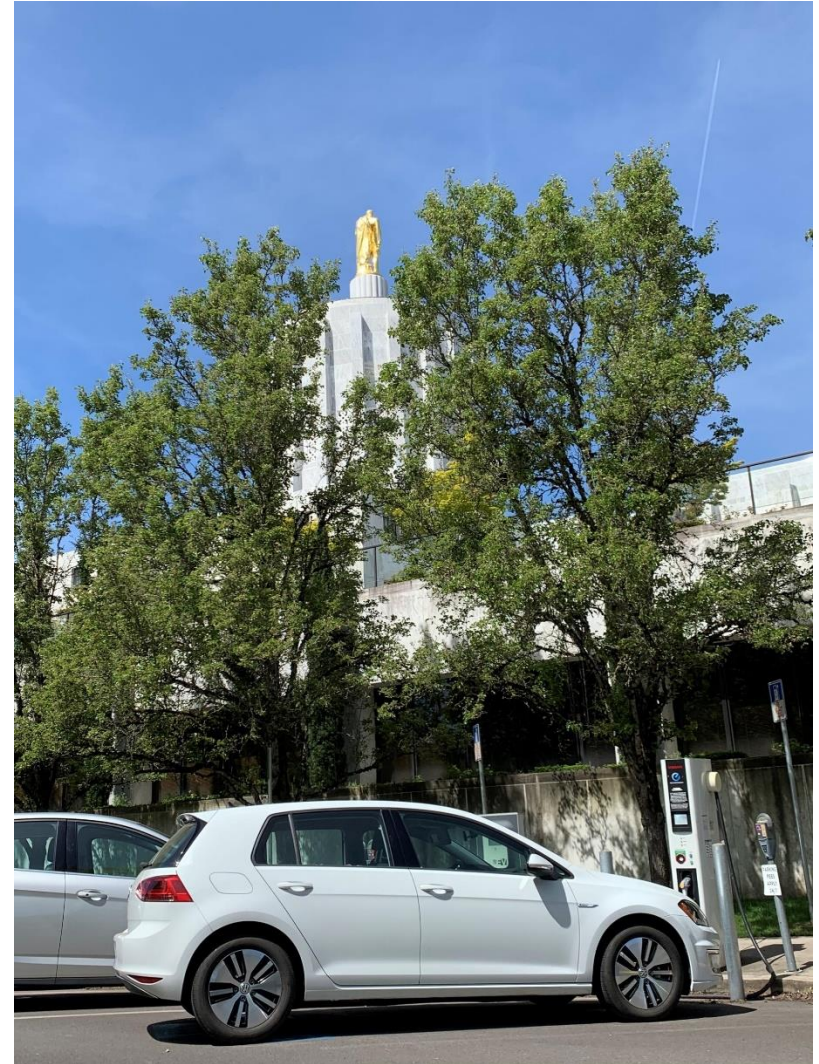
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Benefits of EV Adoption

- Short intro on the overarching benefits of EV adoption, including lower GHGs, lower fuel and maintenance costs, lower air pollutants, more energy independence, and more retention of fuel dollars in state
- Lower Costs
 - cost differences between ZEVs and fossil-fueled vehicles (focus on lower costs for operation and maintenance)
 - GHG reductions
 - carbon intensity of Oregon's transportation emissions
 - whether the transportation sector is on course to reduce the share of greenhouse gas emissions commensurate with state GHG reduction goals

Challenges to Increased EV Adoption

- cost differences between ZEVs and fossil-fueled vehicles (focus on higher costs for purchase)
- availability and reliability of ZEV charging infrastructure
- opportunities to manage impacts to the electrical grid
- assessment of impacts on revenues to the State Highway Fund



Draft Table of Contents cont.

Conclusions

- overall assessment of SB 1044 legislative goals and whether the state is on track for the following:
 - transformation of the motor vehicle market by 2035,
 - programs and support necessary to accelerate Oregonians' purchase and use of ZEVs until greenhouse gas emissions from vehicles are declining at a rate consistent with the state GHG emissions reduction goals in ORS 468A.205,
 - regular evaluation of ZEV adoption to determine if current EV adoption and use put the state is on track to meet state GHG emissions reduction goals.

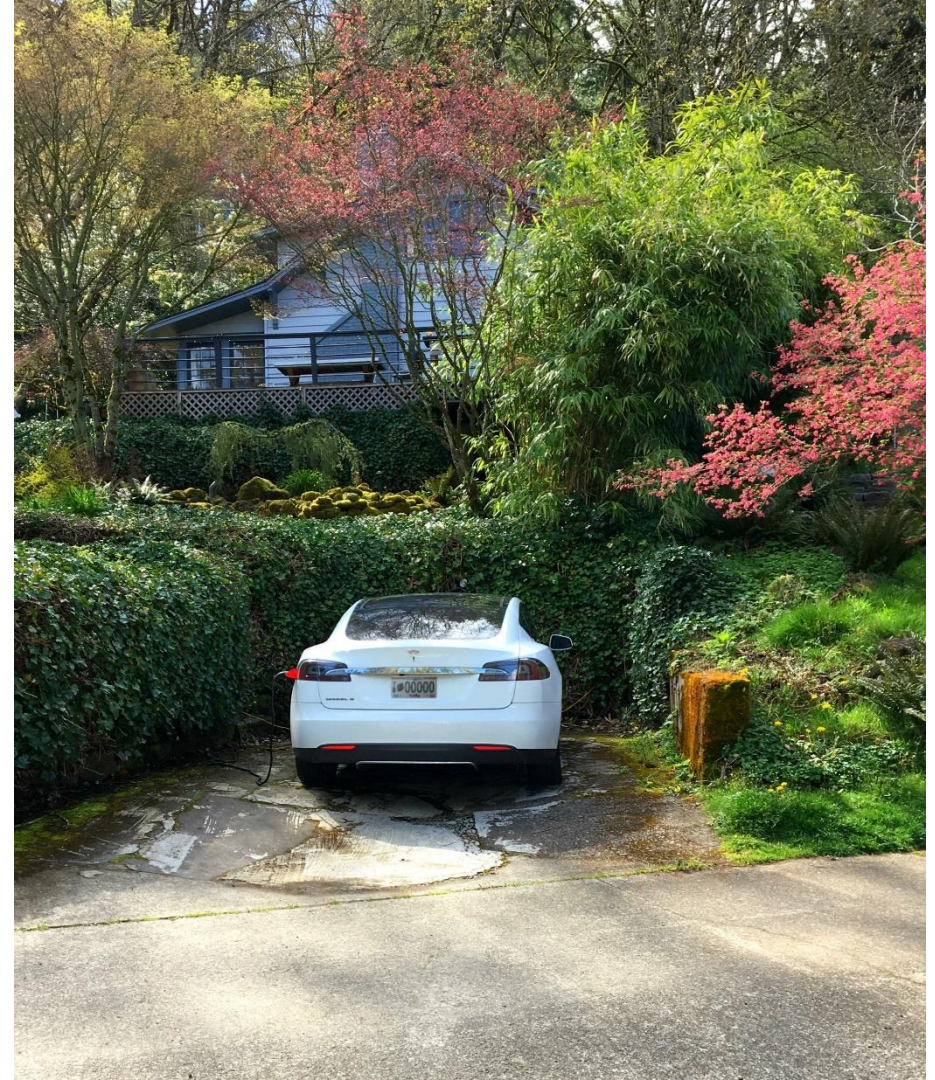
Recommendations

References

Glossary

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Appendices



BiZEV – NEXT STEPS

- Apr - Jun Finalize drafts of reporting requirements sections
- Jul - Aug Additional outreach on recommendations
- August Draft recommendations finalized
- Sept. 15 Report submitted



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QUESTIONS?

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