



Oregon Department of Energy

Biennial Zero Emission Vehicle Report

In 2019, Oregon passed a law (SB 1044) requiring the Oregon Department of Energy to develop a report on zero-emission vehicle adoption and the state's progress toward achieving its ZEV adoption goals.

ODOE's Reports Will Include:

1. Whether the transportation sector is on course to reduce the share of greenhouse gas emissions commensurate with state GHG reduction goals
2. Sales figures and progress toward Oregon's new ZEV adoption targets
3. Distribution of ZEVs by demographic groups
4. Availability and reliability of ZEV charging infrastructure
5. Cost differences between ZEVs and fossil-fueled vehicles
6. ZEV platforms available in all sectors
7. Oregonians' awareness of ZEV options and benefits
8. Carbon intensity of Oregon's transportation emissions
9. General state of electrification for all transportation modes
10. Opportunities to manage impacts to the electrical grid
11. Assessment of impacts on revenues to the Highway Trust Fund

Oregon's ZEV Adoption Targets

- ⚡ **50,000** registered ZEVs on Oregon roads by 2020
- ⚡ **250,000** registered ZEVs on Oregon roads by 2025
- ⚡ At least **25 percent** of registered vehicles and at least **50 percent** of new vehicles sold annually are ZEVs by 2030
- ⚡ At least **90 percent** of new vehicles sold annually are ZEVs by 2035

If the state is not on target to achieve the ZEV adoption goals, ODOE is required to include recommendations in the report that will help promote and reduce barriers to ZEV adoption, including recommendations for legislation.

2021 Report

The inaugural report is due on September 15, 2021, and every odd year thereafter. ODOE has collected most of the data necessary to inform the 2021 report and is currently drafting. Because Oregon did not meet the 50,000 ZEV goal in 2020, and because the data indicates we are not on track to meet the 2025 or 2030 goals, ODOE is identifying potential recommendations as the report is being drafted. We will be seeking stakeholders input on recommendations in July or August.



Recommendations



ODOE is developing a straw proposal of potential recommendations to help address the barriers to EV adoption. The agency will seek input from stakeholders engaged in ZEV activities, from community leaders, and from the public on these recommendations. All input is welcome, with particular interest in whether the draft recommendations **support equitable access to ZEVs and charging infrastructure, support increased ZEV adoption, and address barriers to ZEV adoption.**

ODOE will be engaging with multiple stakeholder groups in late July 2021 and will provide the straw proposal recommendations on its website prior to these meetings. Comments can be provided during these meetings or via the [Biennial Zero Emission Vehicle webpage](#). Comments will be accepted through August 3 and incorporated into the final report.

Report Development Schedule:

Phase 1 - Bill Implementation Development (July – August 2019)

Developed a project plan and budget to accomplish the report. **COMPLETED**

Phase 2 - Data Source Identification (July 2019 – April 2020)

Conducted outreach with stakeholders to identify and assess data resources. **COMPLETED**

Phase 3 - Research and Data Collection (September 2019 – June 2021)

Research, physical collection of data, internal analysis, and stakeholder engagement. **IN PROGRESS**

Phase 4 - Data Governance and Validation (September 2019 – July 2021)

Review data sets, ensure data completeness and accuracy, and ensure data storage and security protocols are followed. **IN PROGRESS**

Phase 5 - Report Drafting and Review (December 2020 – August 2021)

Report drafting, internal review, peer review, and stakeholder engagement. **IN PROGRESS**

Phase 6 - Recommendations Drafting and Review (November 2020 – August 2021)

Internal assessment of report findings and development of key recommendations including external engagement and input. **IN PROGRESS**

Phase 7 - Report Publication (July – September 2021)

Internal finalization, reviews, publication.

