



ZEVergreen: Public dialogue session

October 27, 2025



Staff

Department of Ecology

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Department of Commerce

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Bottom line up front

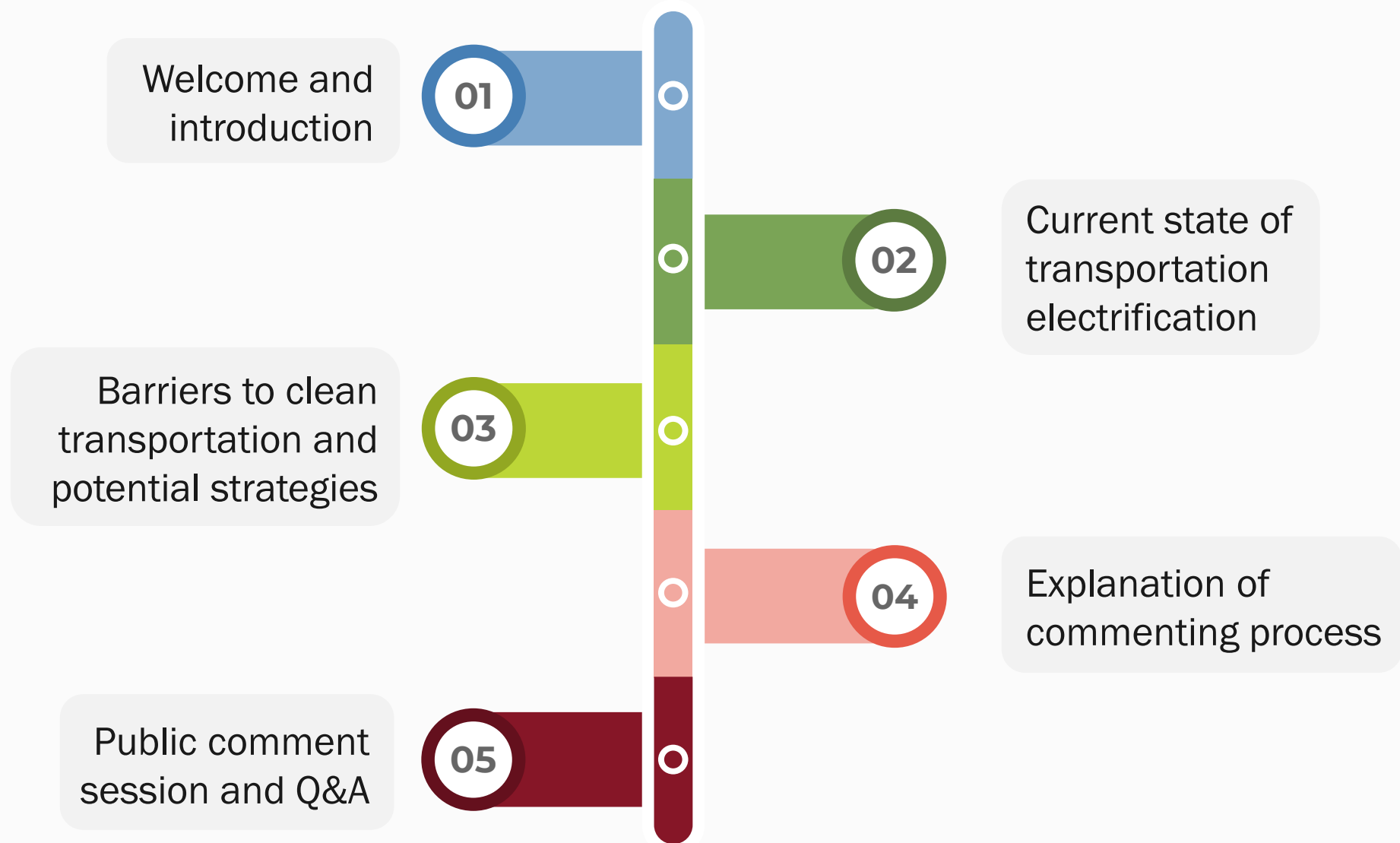


Clean transportation is a win-win
for climate and affordability.



ZEVergreen is how
we get there!

Meeting agenda



Where are you joining us from today?



- Northwest region
- Southwest region
- Central region
- Eastern region
- Outside of Washington state (in U.S.)
- Outside of the United States

What brought you here today? (select all that apply)

- To learn about the current state of policy for transportation electrification in the state.
- To provide informal verbal comments today.
- To submit informal written comments later / I have already submitted informal comments.

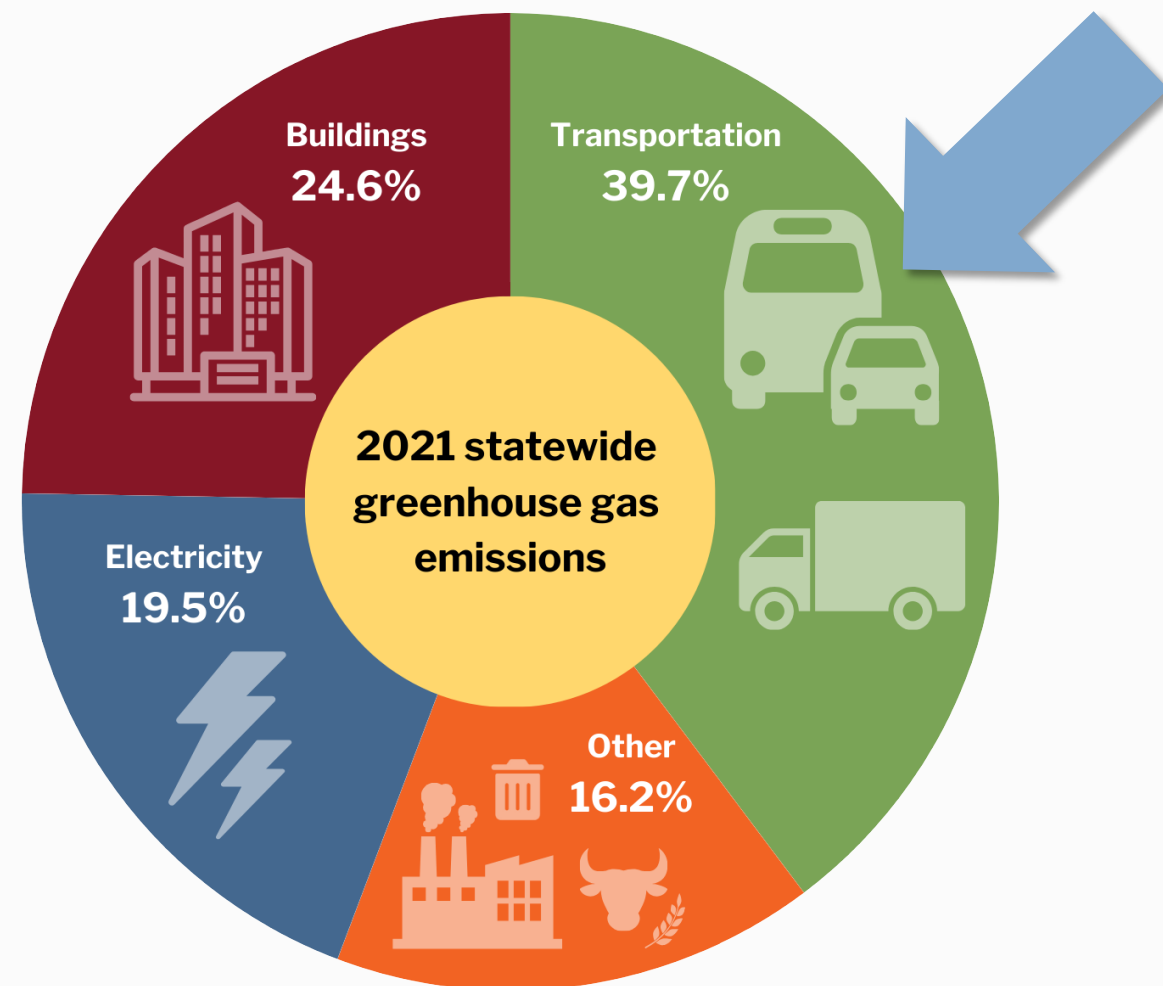


Policy Landscape

Reducing Transportation Emissions and increasing ZEV affordability in Washington

Driving to a cleaner future

Transportation is Washington's greatest single source of greenhouse gas emissions and is a major source of air pollutants.



A clean future is an affordable one

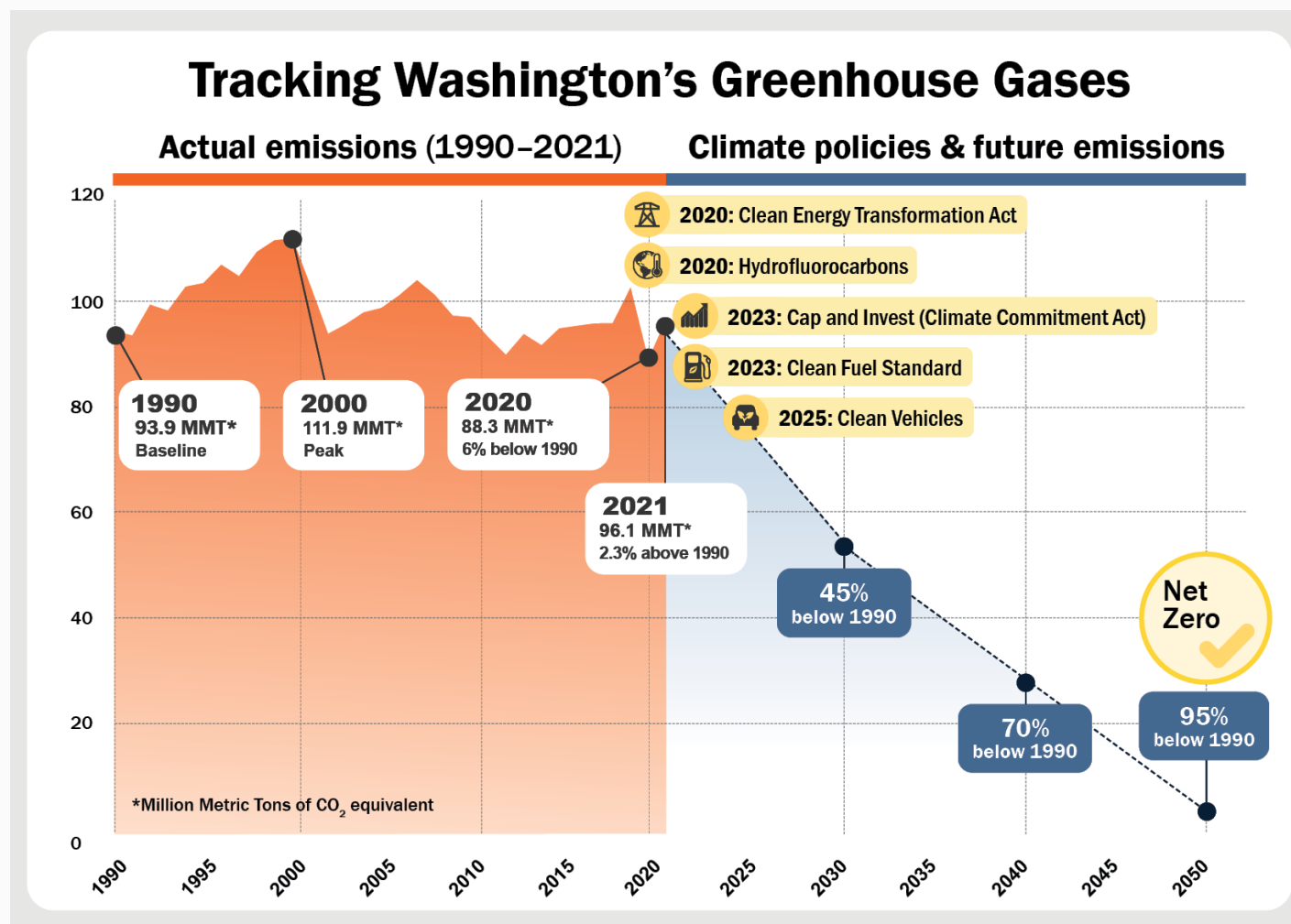
- Transportation is the second largest expense for Americans after housing.
- Zero-emission vehicles can change that.

ZEVs can save drivers hundreds to thousands on maintenance

Charging an EV costs less than \$1 per gallon of gas in Washington

Owners that switch to an EV can save more than \$2,000 for a compact sedan and more than \$8,000 for a mid-size SUV

Washington's greenhouse gas limits



Zero-Emission Vehicle (ZEV): Policy Overview

ZEV + LEV Standards
were adopted by the
Washington Legislature in
2020 by reference from
California standards



What qualifies as a ZEV?

BEV, or EV:

Battery electric vehicle



PHEV:

Plug-in hybrid vehicles
with >50 miles of
electric-only range



FCEV:

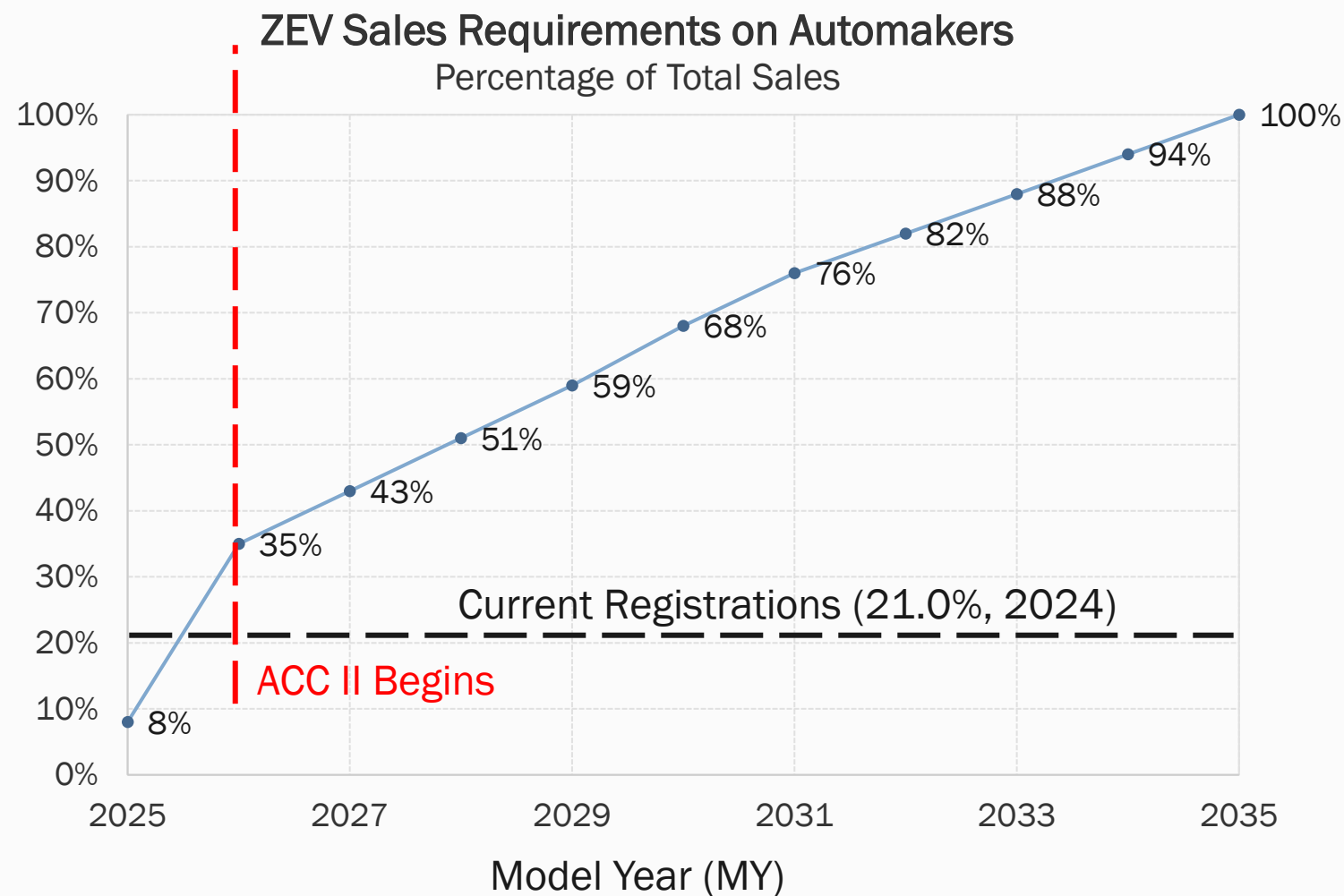
Hydrogen fuel cell
vehicle



...and any other vehicle that emits no tailpipe emissions

Advanced Clean Cars (I and II)

- 100% new light-duty ZEV sales by 2035
- Requirement is on light-duty vehicle manufacturers
- Begins in Model Year 2025

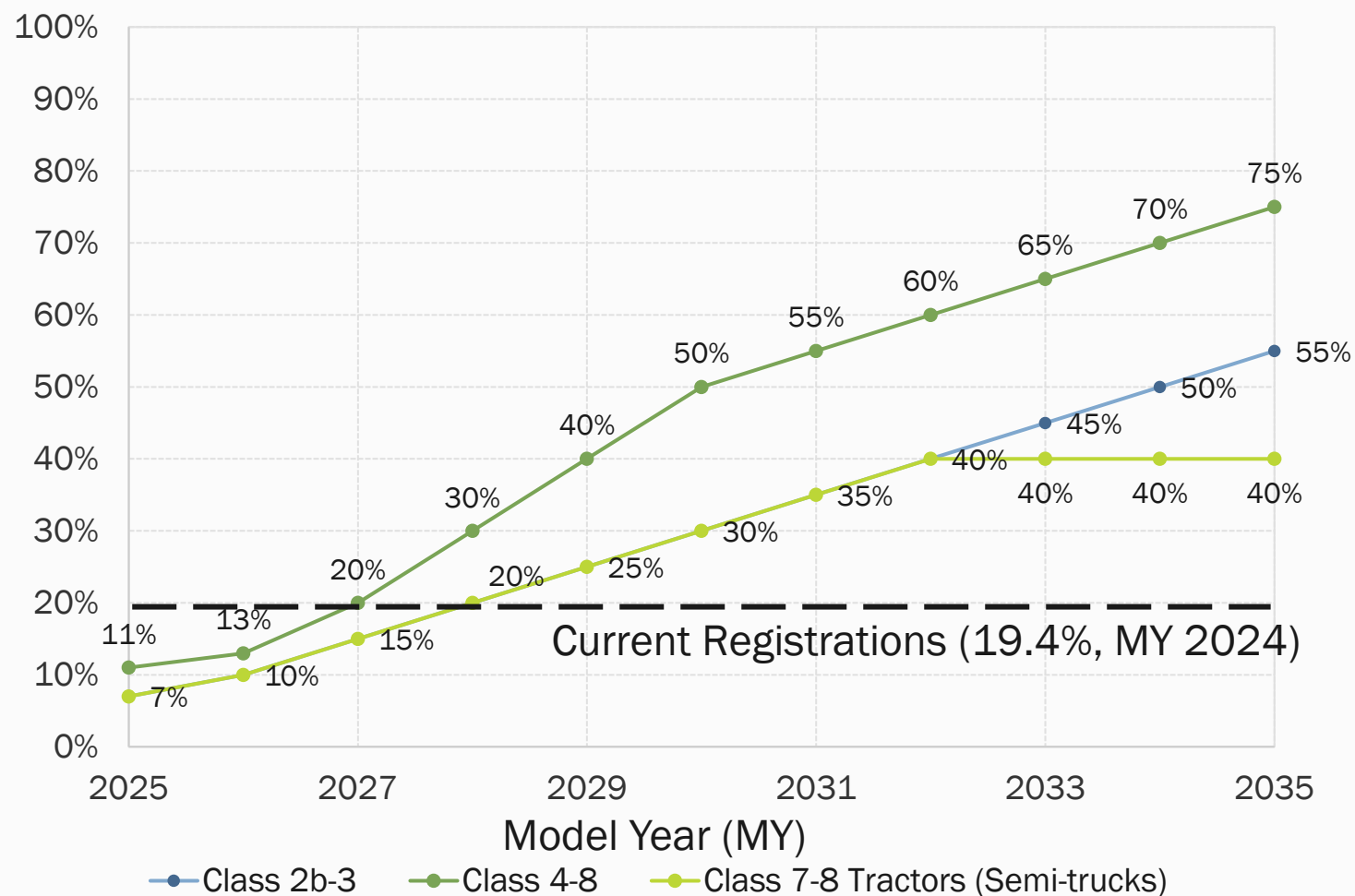


Advanced Clean Trucks

- **Truck and bus manufacturers must reach ZEV sales percentage of 40% - 75% by 2035**
- **Begins in Model Year 2025**

ZEV Sales Mandates on Engine Manufacturers

Percentage of Total Sales



Low-emission vehicle (LEV) standards

- Requirements that **new engines in vehicles of all weight classes** meet stronger emission standards.
 - Reduced greenhouse gas, NOx, particulate matter, and other pollutant emissions.
- New vehicles that do not meet these requirements cannot be registered in Washington state.
 - Used vehicle: 7,500 miles or more



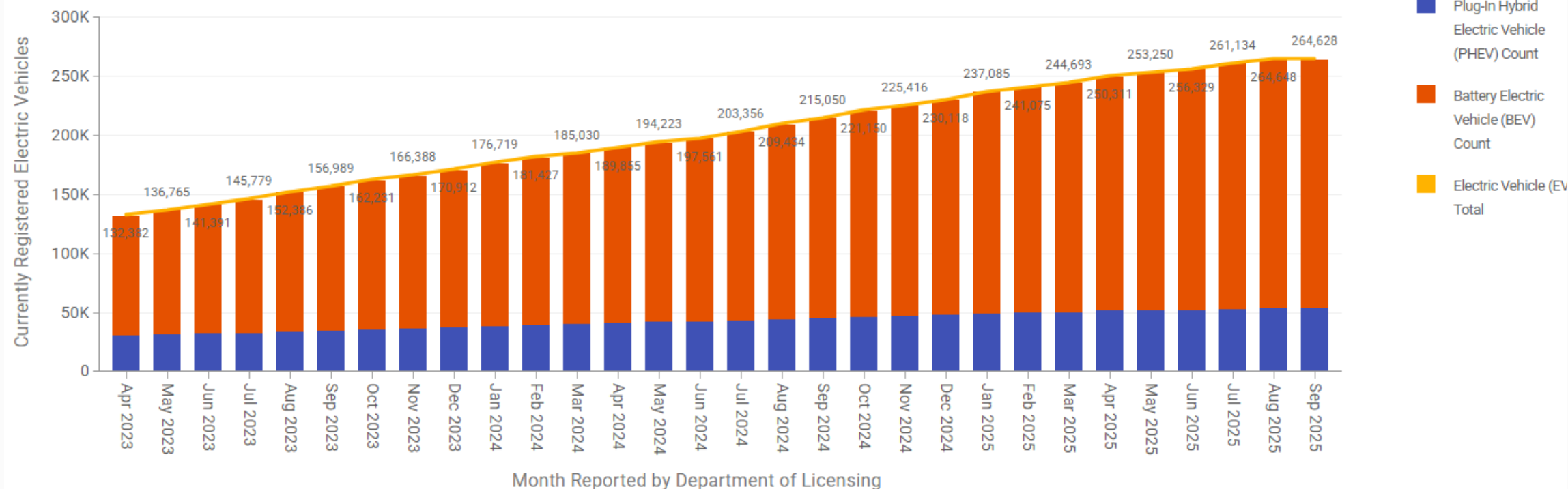
Vehicle market

State of Washington's ZEV market

Over 250,000
ZEVs in WA as
of April 2025

Current and Historical Electric Vehicle Population Chart

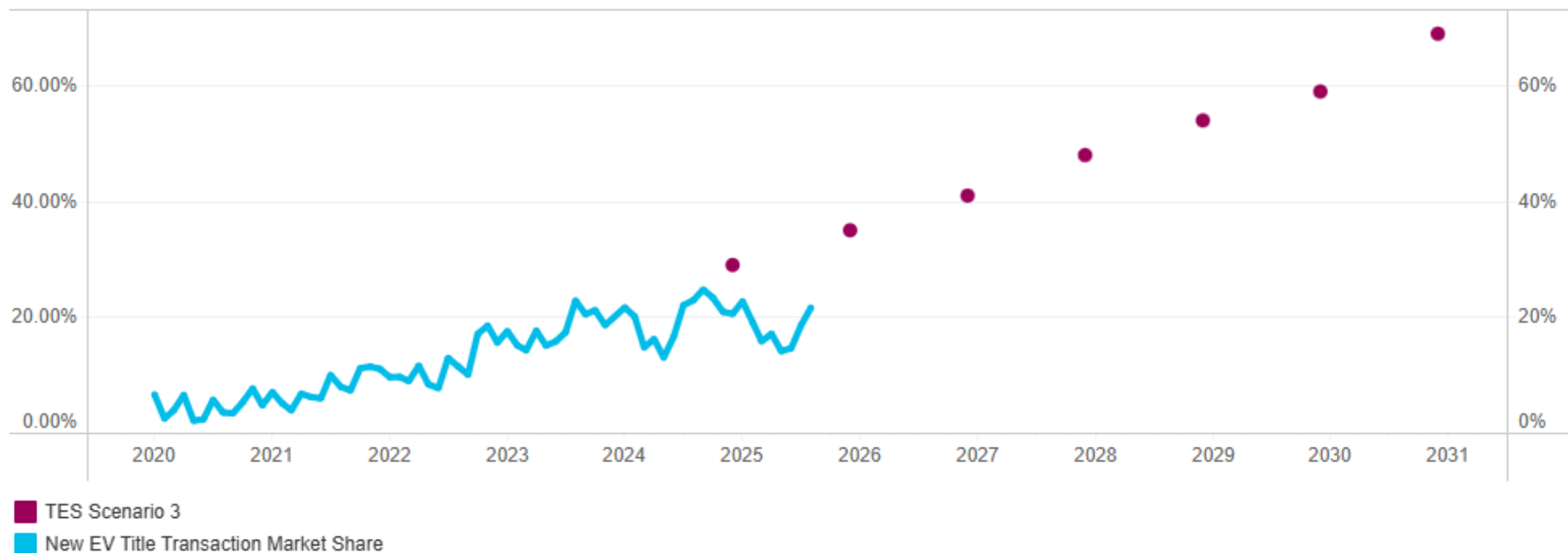
This chart shows the monthly reported counts of currently registered electric vehicles. By default, the results are limited to show activity that occurred in the previous 30 months.



Source: [Electric Vehicle Population Counts | Data.WA | State of Washington](#)

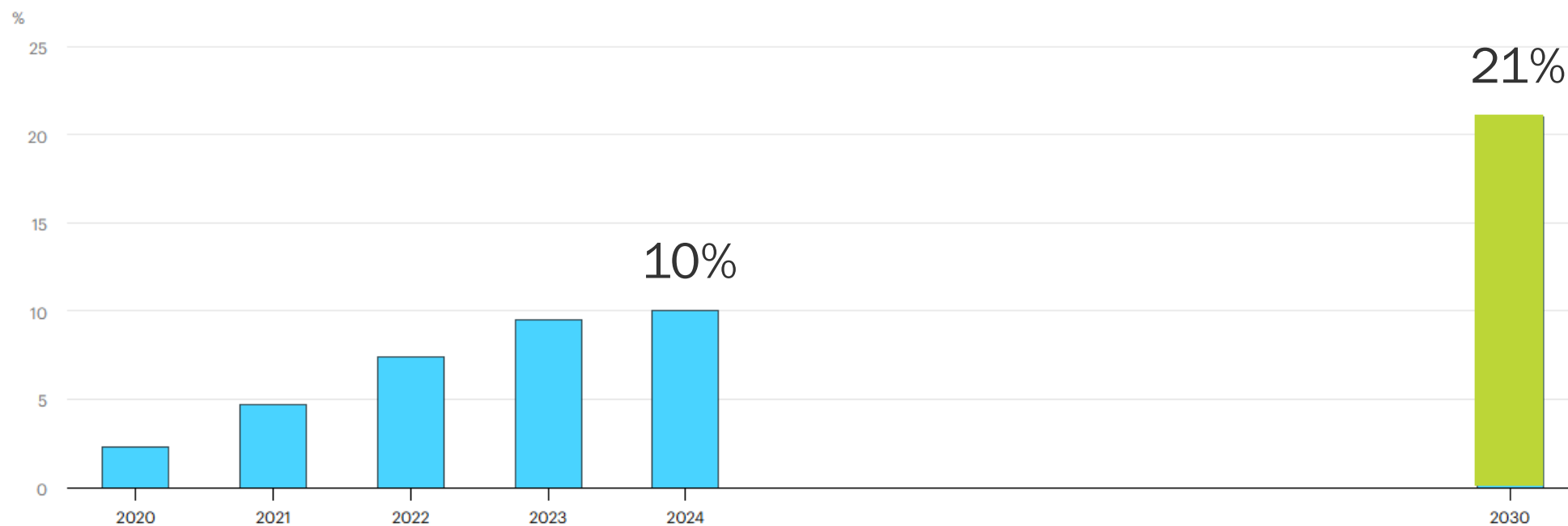
State of Washington's ZEV market – cont.

EV Market Share of New Title Transactions



Source: [Washington EV Council Data Dashboard | Tableau Public](#)

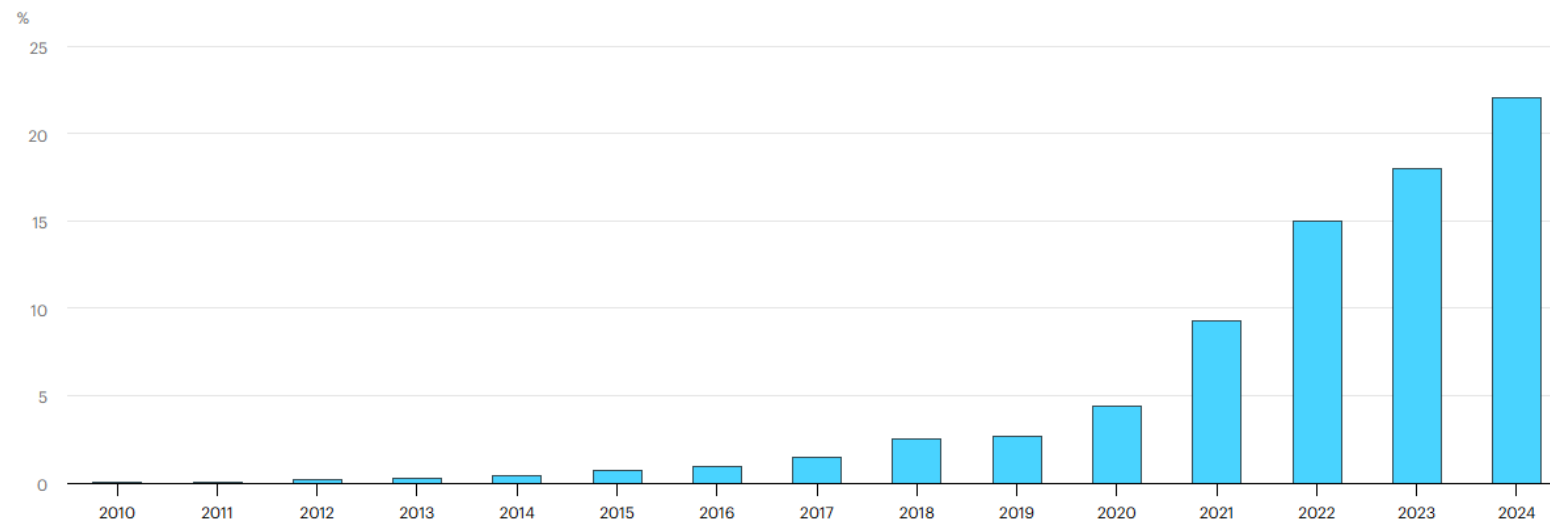
State of US ZEV market – EV/PHEV sales share



[IEA, CC BY 4.0.](#)

State of global ZEV market

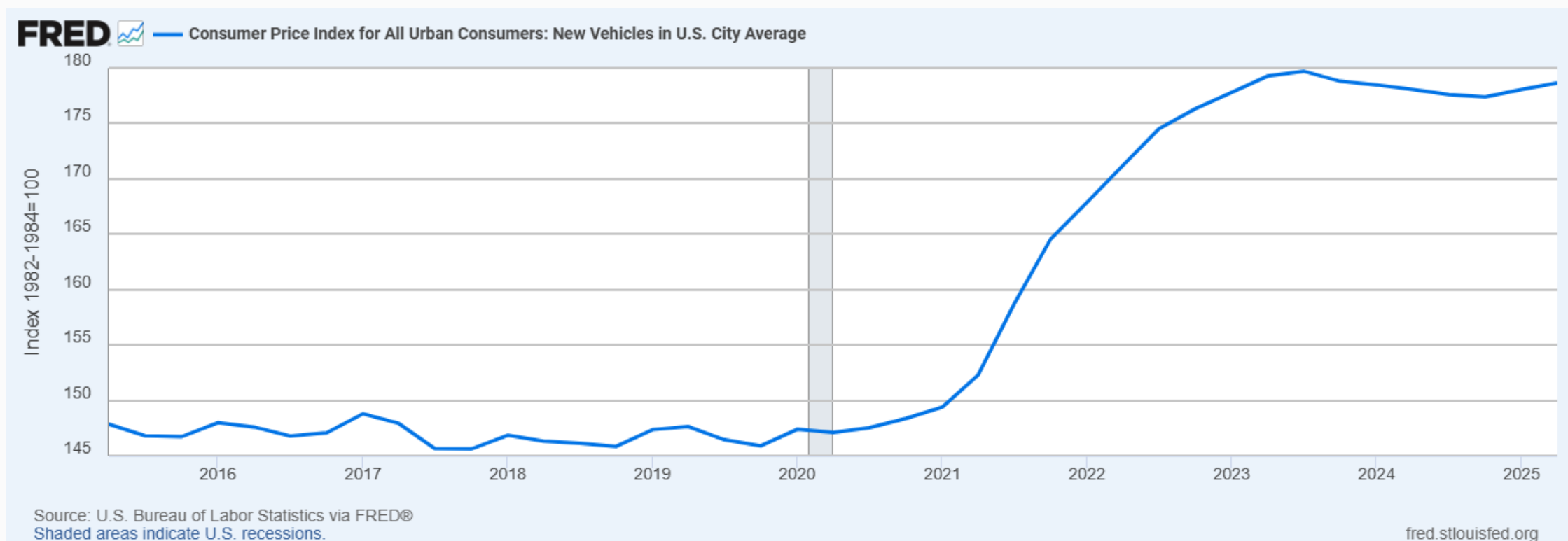
- 2024
20% of new sales
- 2025 forecast
25-28% of new sales
- 2030 forecast
42% of new sales



IEA, CC BY 4.0.

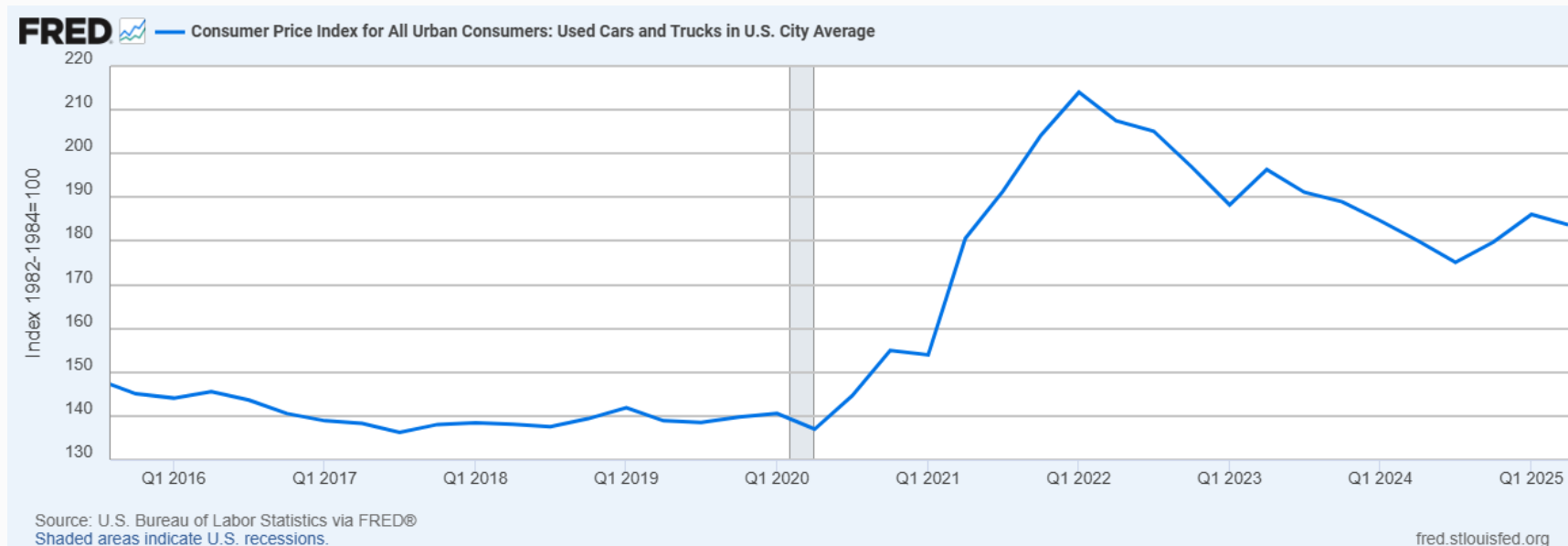
State of vehicle costs

The average new vehicle sale price in the US just crossed \$50,000.



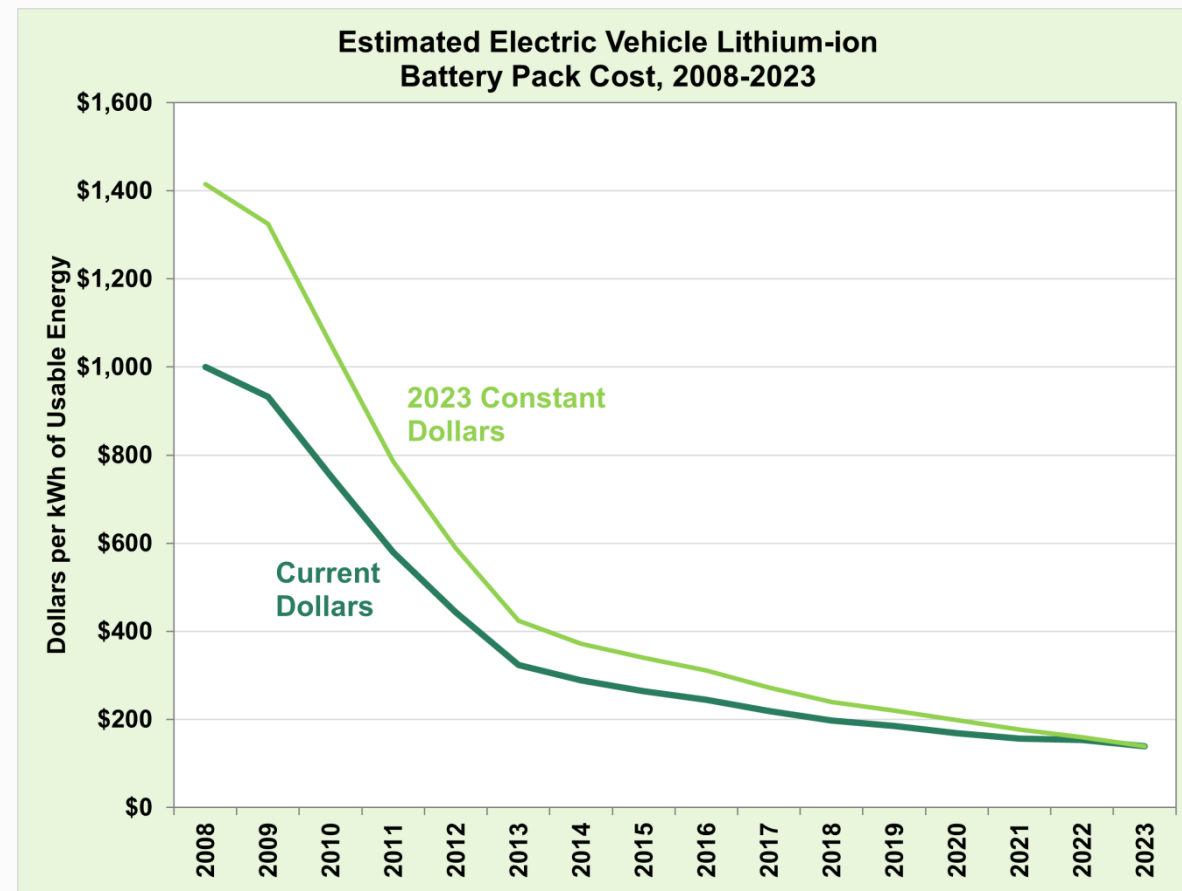
State of vehicle costs – cont.

- Average used vehicle price is falling but still elevated from the pandemic (see graph).
- Demand for used EVs is growing; new EVs depreciate less but remain largely affordable.
 - 55% of existing stock is below \$30k, and 34% is below \$25k.



State of zero-emission vehicle costs

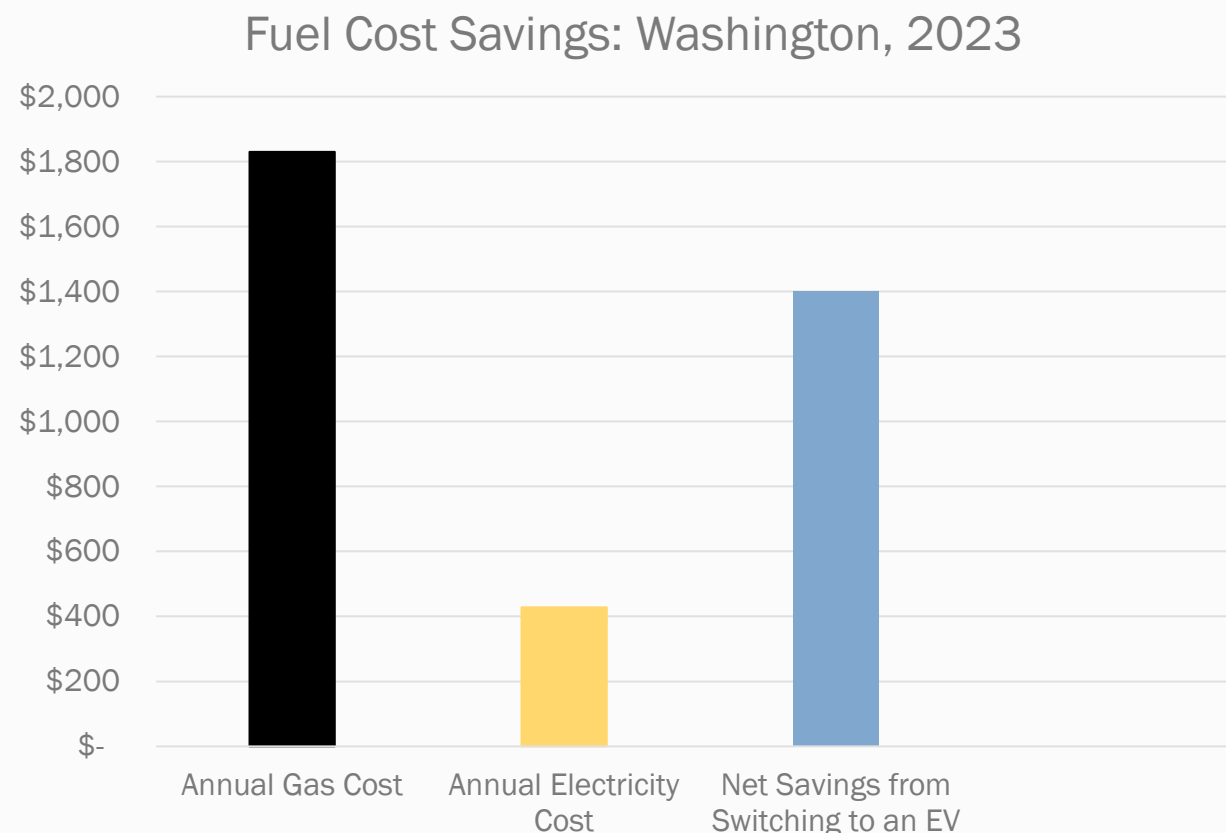
- 2030 Battery Price
Forecast: \$60 per kWh
 - Source: [Electric vehicle battery prices are expected to fall almost 50% by 2026 | Goldman Sachs](#)
- All passenger EVs projected to cost same as comparable fossil fuel vehicle by 2030
 - Source: [Assessment of light-duty electric vehicle costs and consumer benefits in the United States in the 2022–2035 time frame](#)



Source: FOTW #1354, August 5, 2024: [Electric Vehicle Battery Pack Costs for a Light-Duty Vehicle in 2023 Are 90% Lower than in 2008, according to DOE Estimates](#) | Department of Energy

ZEV Fuel Savings

- In Washington, there are significant fuel cost savings from switching to a ZEV
- Charging an EV costs less than a \$1 per gallon of gas in Washington.
- This graph is based on real Washington data:
 - ~9,500 miles driven annually
 - \$4.50 per gallon of gas
 - \$0.14 per kWh



Federal headwinds

- **Federal funding frozen**
 - Successful lawsuit unlocks \$55m
- **Federal EV tax credits ended**
 - 7+ years ahead of schedule
- **Waivers for motor vehicle emission standards illegally revoked**
 - Washington and 10 other states filed legal challenge





Questions?



ZEVergreen

Expanding access to zero-emission vehicles

States lead the way on affordable, clean transportation

Press Release | May 2025

U.S. Climate Alliance Governors Launch Affordable Clean Cars Coalition to Expand Americans' Access to Newer and Cleaner Vehicles

May 23, 2025

WASHINGTON, D.C. – Today, the U.S. Climate Alliance announced the launch of the Affordable Clean Cars Coalition by 11 of its [member governors](#) to sustain America's transition to cleaner and more affordable cars, support U.S. automotive manufacturers and workers, and preserve states' clean air authority. Alongside the launch, the Alliance announced the availability of resources to help states tackle vehicle pollution and lower barriers for consumers to more affordably own, drive, charge, and maintain clean cars.

This new multi-state effort underscores governors' commitment to both consumer choice and regulatory certainty and stability for the U.S. automotive sector, which has faced a series of destabilizing actions from Congress and the federal government. These actions have included attempts to [terminate](#) funding for electric vehicle infrastructure, [impose](#) tariffs and disrupt supply chains, [eliminate](#) consumer credits for purchasing an electric vehicle, [raise consumer costs](#) for owning an electric vehicle, and [dismantle](#) states' clean vehicle programs — all of which undermine American competitiveness in the global automotive market and constrain innovation.

The initiative was launched by a group of governors whose states have chosen to use their authority under the Clean Air Act to adopt and implement clean vehicle programs. Participating states include: California, Colorado, Delaware, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Rhode Island, and Washington.

Washington response: ZEVergreen

Governor Ferguson, Ecology launch ‘ZEVergreen’ to expand access to zero-emission vehicles

September 22, 2025

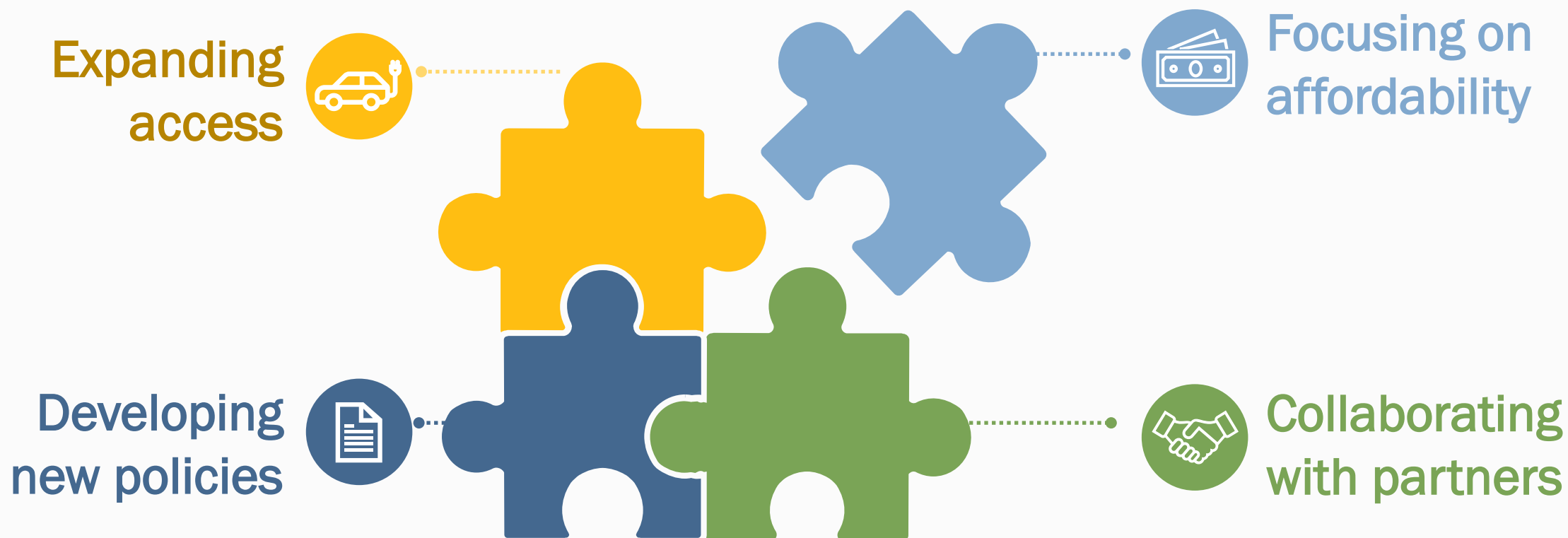
OLYMPIA — In response to the Trump Administration cutting off support for zero-emission vehicles, Governor Bob Ferguson and the Washington State Department of Ecology today announced the launch of ZEVergreen, a statewide effort to help Washingtonians save money by expanding access to these vehicles. In 2024, one out of every five new vehicles purchased in Washington was powered by zero-emission technology — one of the highest rates in the nation.

Earlier this year, Congress ended electric vehicle rebates and attempted to strip Washington and other states of their authority to require manufacturers to increase clean vehicle sales. Washington is part of a bipartisan, multistate coalition [fighting that action in court](#). ZEVergreen is designed to explore other tools the state can use to keep moving forward. To that end, Ecology is hosting a series of workshops with industry, utilities, Tribal governments, environmental groups and community groups ahead of the next Legislative session to inform ideas for new policies.

The public is invited to the first meeting on Oct. 27 to get information from Ecology staff and share their feedback and ideas. People can sign up [here](#), or [submit written comments](#) through Oct. 31.

“We know that Washingtonians want these vehicles, and yet the Trump Administration seems intent on keeping people dependent on volatile global oil markets,” Governor Ferguson said. “We’ve made significant investments in expanding access to zero-emission vehicles, and those have paid off. Washington will continue to be a leader.”

What is ZEVergreen?





Barriers to Clean Transportation

and potential strategies to address them

Important Considerations

The following slides cover barriers identified through:

- ZEvergreen dialogue sessions
- Transportation Electrification Strategy process

The strategies introduced are not recommendations or proposals from Ecology or Commerce.



Charger installation timelines & charger installation cost

Barriers:

- Getting power to a charging site can take 6-18 months or more
- Costs vary considerably, especially on the utility-side upgrades needed to bring power to a site
- More certainty and speed is needed to electrify fleet depots, public charging, etc.
- Additional need to address costs for installing charging at low-income households

Potential strategies:

- Additional charger program funding
- Expand charger programs to cover residential charging
- Utility coordination on energization timelines



Charger reliability

Barriers:

- Broken, slow, or inoperable chargers cause "charging anxiety"
- Knowledge of this issue currently limited to anecdotal reporting

Potential strategy:

- Reliability reporting and performance standards



ZEV cost and financing

Barriers:

- ZEV costs trending downward but upfront costs remain higher than comparable gasoline or diesel models
- Auto loans for ZEVs have lower default rates, but low-income drivers may face difficulties in finding affordable options
- Additionally, the federal EV tax credit has now expired

Potential strategies:

- Loan-loss reserve program
- Low-income rebate funding
- EV rebates



Zero-emission vehicle knowledge and familiarity

Barriers:

- Many folks don't have access to credible information on ZEVs, such as refueling/charging, maintenance, and overall costs

Potential strategy:

- Consumer education campaign



ZEV technology

Barrier:

- ZEVs exist for a wide variety of use cases, but there are specialized use cases that lack a ZEV option (e.g., snowplows).

Potential strategy:

- Aggregated procurement (i.e., large purchase orders) of state and local ZEVs





Questions?

Poll 2 – Which barriers should the state prioritize? (Rate scale)

- Charger installation timelines
- Charger installation cost
- Charger reliability
- Zero-emission vehicle cost and financing
- Zero-emission vehicle knowledge and familiarity
- Zero-emission vehicle technology

Poll 3– What most impacts your decision to purchase a zero-emission vehicle? (Select One)

- Charger availability
- Charger reliability
- Zero-emission vehicle cost and/or financing
- Zero-emission vehicle knowledge and/or familiarity
- Zero-emission vehicle technology (i.e., vehicle capabilities)

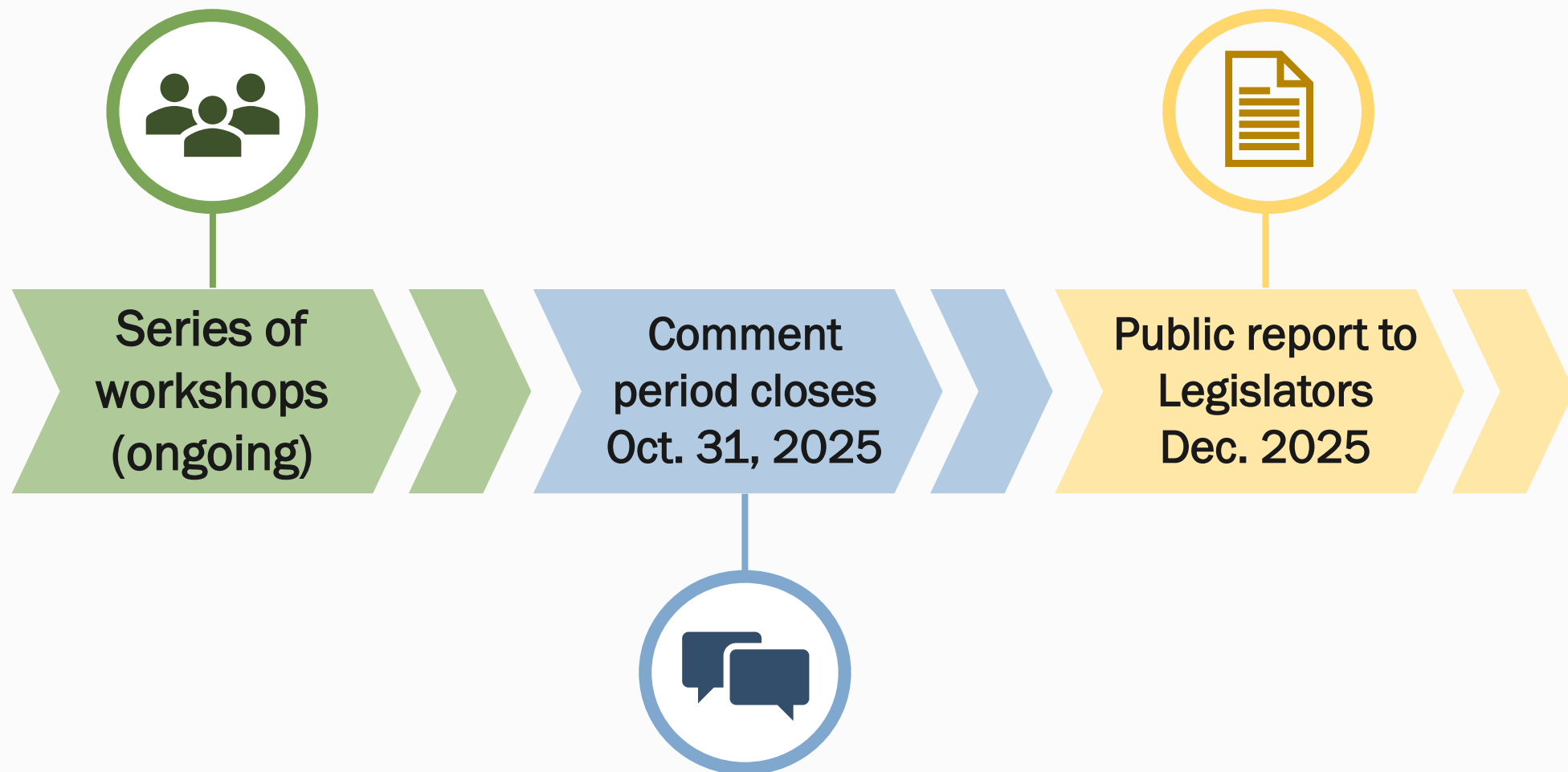
Poll 4 – What clean transportation outcomes should the state prioritize? (Rate scale)

- Improving local air quality
- Reducing greenhouse gas emissions
- Improving equitable access to clean transportation
- Increasing the share of total vehicle sales that are zero-emission vehicles
- Increasing charger availability and reliability



Break – 5 mins

Next steps



Questions to consider for comments

- What is the **number one action** Washington should take to promote clean transportation and/or reduce transportation emissions?
- What **types of programs** would you like to see Washington State assess and possibly implement to meet air quality and climate targets for transportation?
- What **kinds of programs, other than financial support**, could provide incentive to purchase and operate zero-emission vehicles and equipment?
- What **principles for program design** ensure we don't leave communities behind in the transition to zero-emission transportation?

How to comment



DEPARTMENT OF
ECOLOGY
State of Washington

 Search Comment Items

Public Comment Form

1 Comment

2 Review

3 Your Copy

Commenting open: **September 15, 2025 12:00AM PT - October 31, 2025 11:59PM PT.**

ZEVergreen State Dialogue Sessions

This comment period is open from 12:00 am on September 15, 2025 through October 31, 2025 at 11:59 pm.

Ecology is holding informal dialogue sessions with industry, utilities, Tribal governments, and environmental and community groups, and the public ahead of the next Legislative session to develop actionable strategies that will ensure we don't lose speed in the transition to clean transportation. We are also accepting written comments. Please see [our website](#) for more details and sign up for our email list to stay updated.

Regarding comments on ZEVergreen and transportation electrification in Washington state, we are interested in your input on the following questions:

1. What is the **number one action** Washington should take to promote clean transportation and/or reduce transportation emissions?
2. What **types of programs** would you like to see Washington State assess and possibly implement to meet air quality and climate targets for transportation?
3. What **kinds of programs, other than financial support**, could provide incentive to purchase and operate zero-emission vehicles and equipment?
4. What **principles for program design** ensure we don't leave any Washingtonians behind in the transition to zero-emission transportation?

Contact Information

**Indicates Required Fields*

Submitted By *

Individual

First Name

Enter First Name

Last Name

Enter Last Name

Address

Enter Address

City

Enter City or Town

State

Washington

ZIP

Enter ZIP

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Your Comment

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Upload a File

Uploading a file is optional

You may attach up to five 20 MB files to accompany your submission. Allowed formats are pdf, jpg, jpeg, png, txt, gif, doc, docx, xlsx, xls. If you experience technical difficulties submitting your comment please contact the person listed at the bottom of this page.



Comments and Q&A



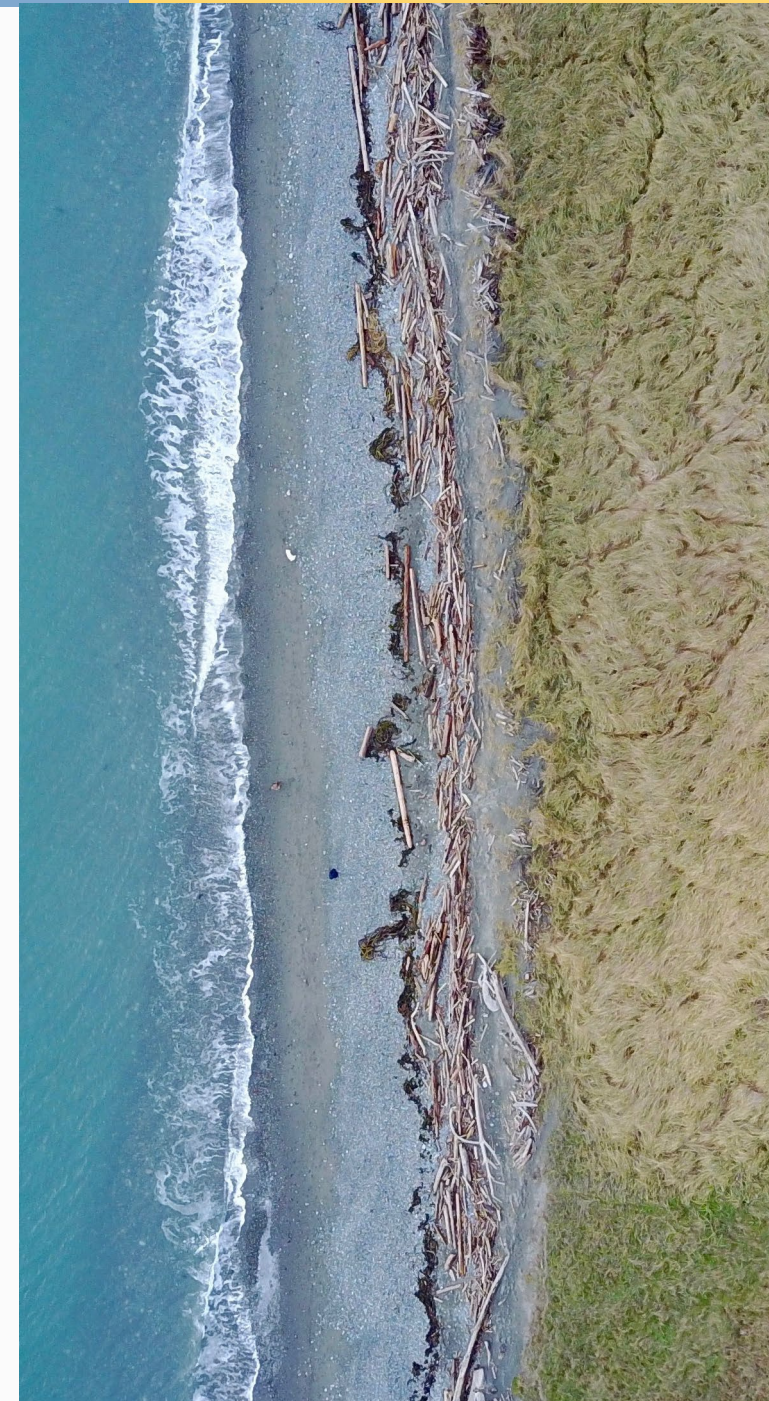
Break – 5 mins



Comments and Q&A

Comment period open!

- [Submit written informal comments](#) from Sept. 15 to Oct. 31, 2025 at 11:59 p.m.
- Please see our website for more details and [sign up for our email list](#) to stay updated.





Washington is the ZEvergreen State!

Thank you for sharing your input and experience.