



Ride and Drive Pomona, CA

November 13, 2024



Advanced Clean Fleets (ACF) Regulation Overview and Q&A



Overview

- Background
- Advanced Clean Fleets Regulation
 - 100 % zero-emission vehicle (ZEV) sales
 - State and Local Government
 - High Priority Fleets
 - Drayage Trucks
- Where you can find additional information

Advanced Clean Trucks: California is not Alone...

Section 177 of the Clean Air Act allows states to adopt California motor vehicle standards

Adopted ZEV Regulations

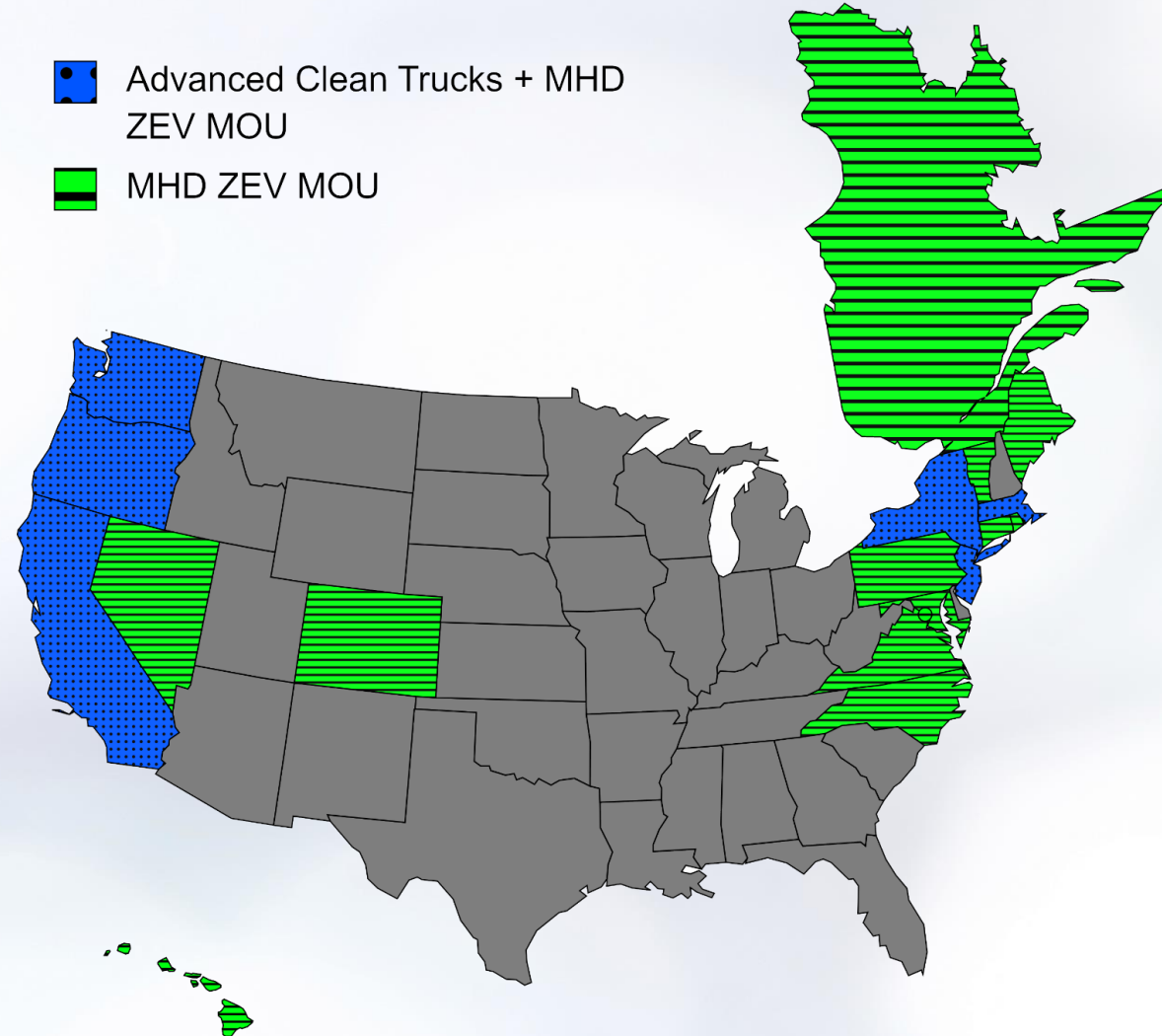
Advanced Clean Cars - 12 states

Advanced Clean Trucks - 6 states

Medium- and Heavy-duty ZEV Commitments

17 states and DC

Province of Quebec, Canada

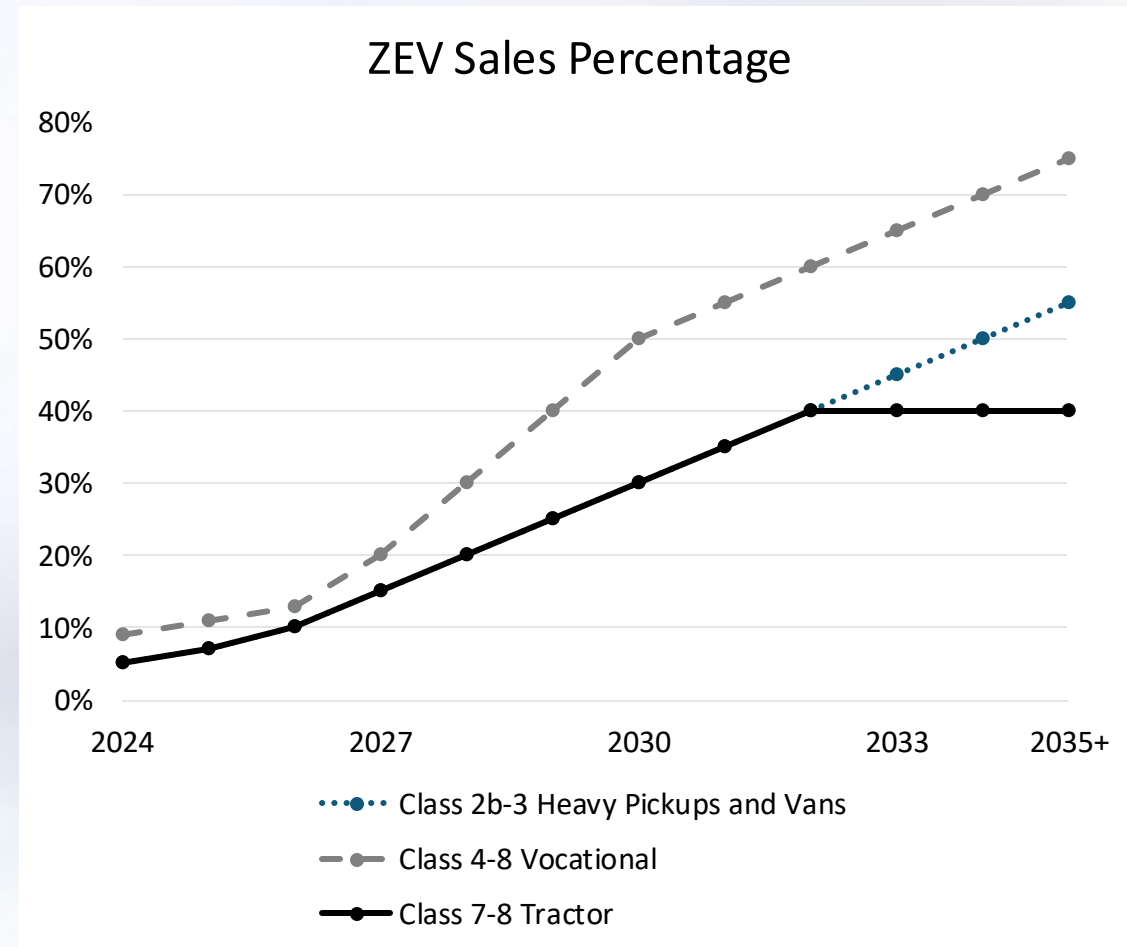




Advanced Clean Trucks Regulation

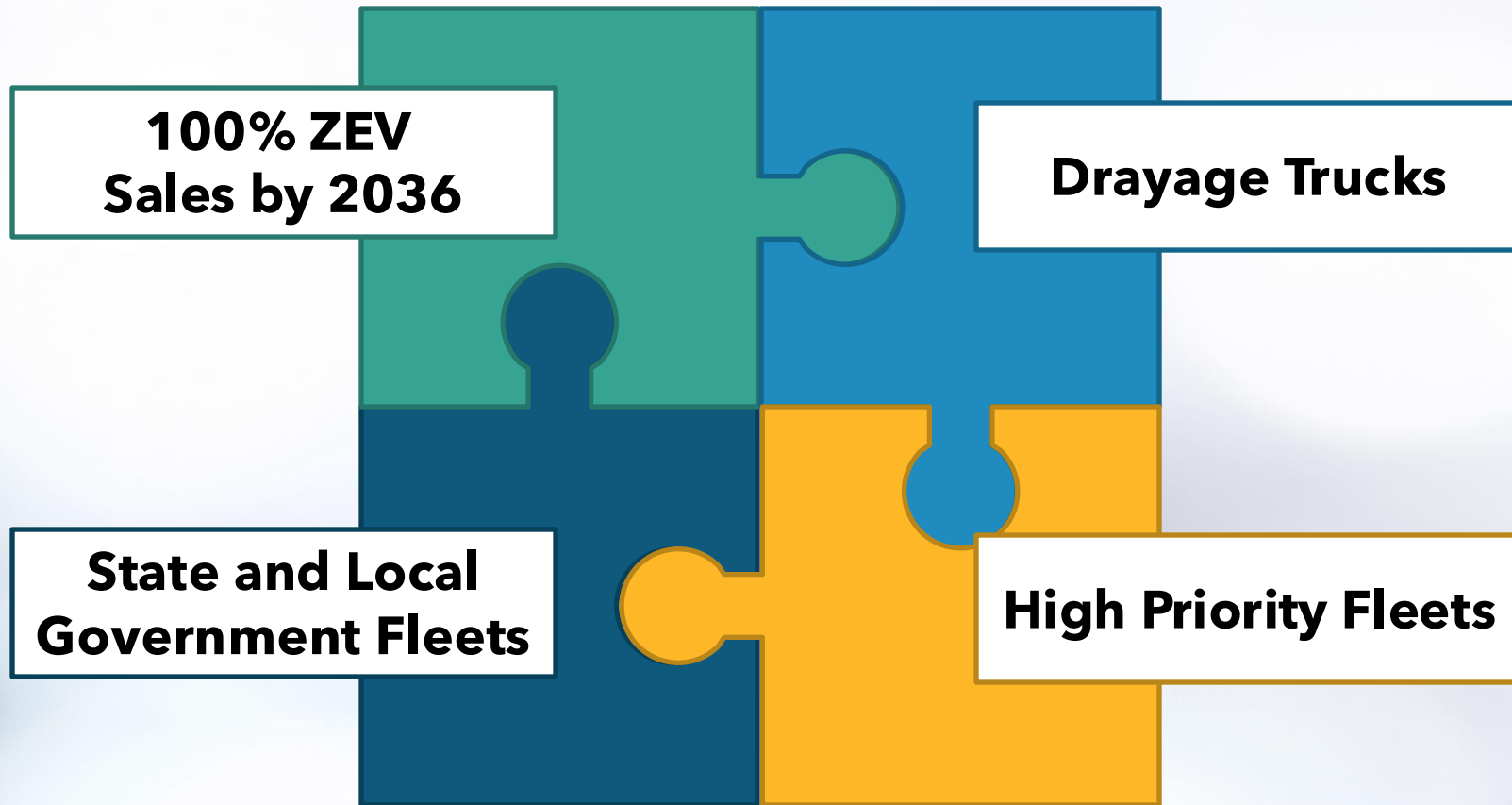
- Manufacturers must sell ZEVs as a percentage of total sales*
- Begins with 2024 model year
- Credit for pre-2024 sales
- 320,000 ZE trucks to California by 2035

*Partial credit for near-zero emission vehicles (NZEV) with minimum all electric range





Advanced Clean Fleets Regulation has Four Components





100 Percent ZEV Sales Requirement

Starting **2036**, all Class 2b-8 vehicles sold into California must be Zero-Emission Vehicles

- Provides certainty to the market and supply chain for manufacturers, fleets, infrastructure providers, service technicians, partner agencies, and local governments
- Expands market choice



ZEV Purchase Schedule

2024-2026

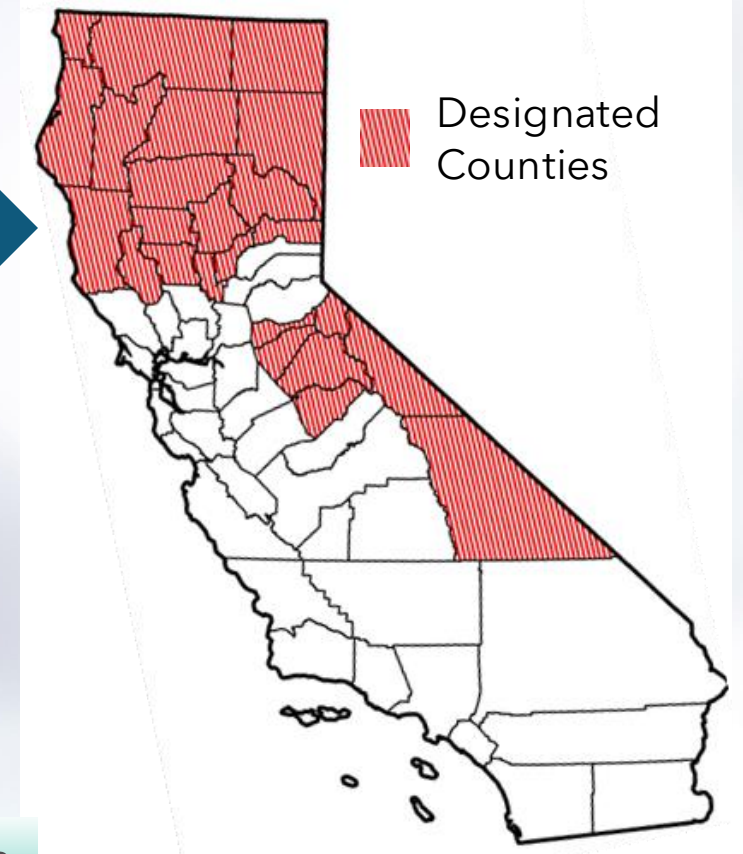
April 1, 2024

January 1, 2027

50 percent of purchases must be ZEV

Initial compliance report must be submitted

All purchases must be ZEV



- Agencies in designated counties and divisions with 10 or fewer trucks are exempt from 50% purchase requirement
- May use exemptions and extensions
- Near zero-emission vehicles (NZEV) with a 2035 or earlier model year count as ZEV purchases for fleet compliance

May permanently elect to use the alternative ZEV Milestone Option



What are High Priority Fleets

Affected entities

Fleets with 50+ affected vehicles* excluding light-duty

Fleets with >\$50 million in annual revenue

Federal government fleets

Affected vehicles

Class 2b-8 vehicles

Off-road yard tractors

Light-duty delivery vehicles

Excludes workover rigs, most two engine vehicles, and heavy cranes



*Including vehicles under common ownership and control



Model Year Schedule

January 2024

January 1, 2024

January 2025

January 1, 2025

Reporting required for legacy trucks

Newly added trucks must be ZEVs or NZEVs

Must annually report mileage for tractors over 12 years

ICE vehicles removed after useful life exceeded

- Legacy trucks may operate until the end of their useful life
- May use certain exemptions and extensions
- ICE vehicle removals begin January 2025





ZEV Milestones Option

- Open to High Priority fleets and State and Local Government fleets
- Must meet ZEV milestones as a percent of total fleet
- Flexibility to use any vehicle type
- Fleets must opt-in and waive useful life

Zero-Emission Fleet Percentage	10%	25%	50%	75%	100%
Group 1: Box trucks, vans, 2-axle buses, yard trucks, light-duty package delivery vehicles	2025	2028	2031	2033	2035
Group 2: Work trucks, pickups, day cab tractors, 3-axle buses	2027	2030	2033	2036	2039
Group 3: Sleeper cab tractors and specialty vehicles	2030	2033	2036	2039	2042

Work truck means any single-unit truck that is not a box truck, van, bus, or specialty vehicle



Hiring Compliant Fleets

- Affects any motor carrier, broker, person, entity that hires and operates or hires and directs operation of vehicles subject to Advanced Clean Fleets*
- Must verify fleets are compliant on our website
- Provide regulation disclosure statement to hired fleets
- Starts 2024
- Compliant fleet lookup:
<https://www.arb.ca.gov/carbapps/onrdiesel/tblookup.php>

* Excludes drayage trucks



Drayage Fleets

Applies to Class 7-8 on-road trucks that transport containers and bulk goods to and from seaports and intermodal railyards. Land ports of entry, which provide controlled entry to or departure from the United States, are not considered seaports or intermodal railyards.



- Legacy trucks may operate until the end of their useful life
- Must visit a regulated seaport or railyard at least once a year
- May use limited extensions



Exemptions and Extensions to the Fleet Rules*

- Vehicle Delivery Delay Extension
- ZEV Infrastructure Delay Extension
- ZEV Purchase Exemption
- Daily Usage Exemption
- Backup Vehicle Exemption
- Other provisions
 - Waste and wastewater fleets, rental fleets, fleets providing mutual aid assistance, and transit agencies



Additional Information

- E-mail: zevfleet@arb.ca.gov
- E-mail: zevtruckstop@arb.ca.gov
- Advanced Clean Fleets
 - <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>
- Truck Stop Websites
 - <https://ww2.arb.ca.gov/zevtruckstop>
 - <https://www.arb.ca.gov/truckstop>