



# **Ride and Drive Oakland, CA**

***August 14, 2024***



# Diesel Regulatory Background

## Fleets May Be Subject to One or Multiple Regulations

- Clean Truck Check (Formerly Heavy-Duty Inspection and Maintenance)
- Truck and Bus-now includes drayage trucks and investor-owned utilities
- Heavy-duty omnibus (manufacturer requirements)
- Solid Waste-does not include transfer trucks
- Transport Refrigeration Units (TRU)
- Public Fleets
- Off-Road

[www.arb.ca.gov/truckstop](http://www.arb.ca.gov/truckstop)



# **Clean Truck Check Overview (Q&A After Enforcement)**



# Clean Truck Check Overview

## Who is regulated?

Diesel and alternative fuel heavy-duty vehicles over 14,000lbs. manufacturer's GVWR operating in California, including out-of-state vehicles

## Do I still have to comply with PSIP requirements?

Clean Truck Check will replace PSIP. PSIP testing will not be required in 2024.

## Is enforcement ensuring equity?

- Compliance is linked to DMV registration
- CARB enforcing out-of-state vehicle compliance
- CHP enforcement





# Clean Truck Check Implementation

High-emitter vehicle screening using PEAQS and Enforcement



Periodic testing:

- Compliance deadlines start January 1, 2025
- Passing compliance tests can be submitted up to 90 days prior to a vehicle's deadline

**Phase 1: January 2023**

**Phase 2: Jan 31, 2024**

**Phase 3: October 1, 2024**



Deadline extended to meet 2023 requirements

- Owner/vehicle reporting
- Pay annual compliance fee
- Freight contractor and facility requirements start





# Reporting Training Aid

- There are extensive materials on the program page to aid in reporting
  - Guidance and Fact Sheets
  - Training Videos in English, Spanish & Punjabi
  - Recorded training modules
  - Q&A and Webinar Registration
- Available at <https://ww2.arb.ca.gov/our-work/programs/inspection-and-maintenance-program/reporting-database>



# Testing Schedule:

- California-registered motor homes and on-road agricultural vehicles-once per year based on registration date
- Non-OBD (<2013 MYE)-once per year based on VIN
- Non-AG Special Equipment (SE plates) -twice per year with a deadline of December 31.
- Others- 2x/year until 2027, then 4x/year based on DMV registration-based date for CA-registered vehicles and VIN for out-of-state vehicles.



# Freight Contractors, Brokers, and Applicable Freight Facilities

- Freight contractors must only contract with compliant vehicles/fleets
- Brokers must only arrange transportation within California through motor carriers with compliant vehicles/fleets
- Applicable freight facilities must maintain records of noncompliant vehicles or deny entry to noncompliant vehicles







# **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

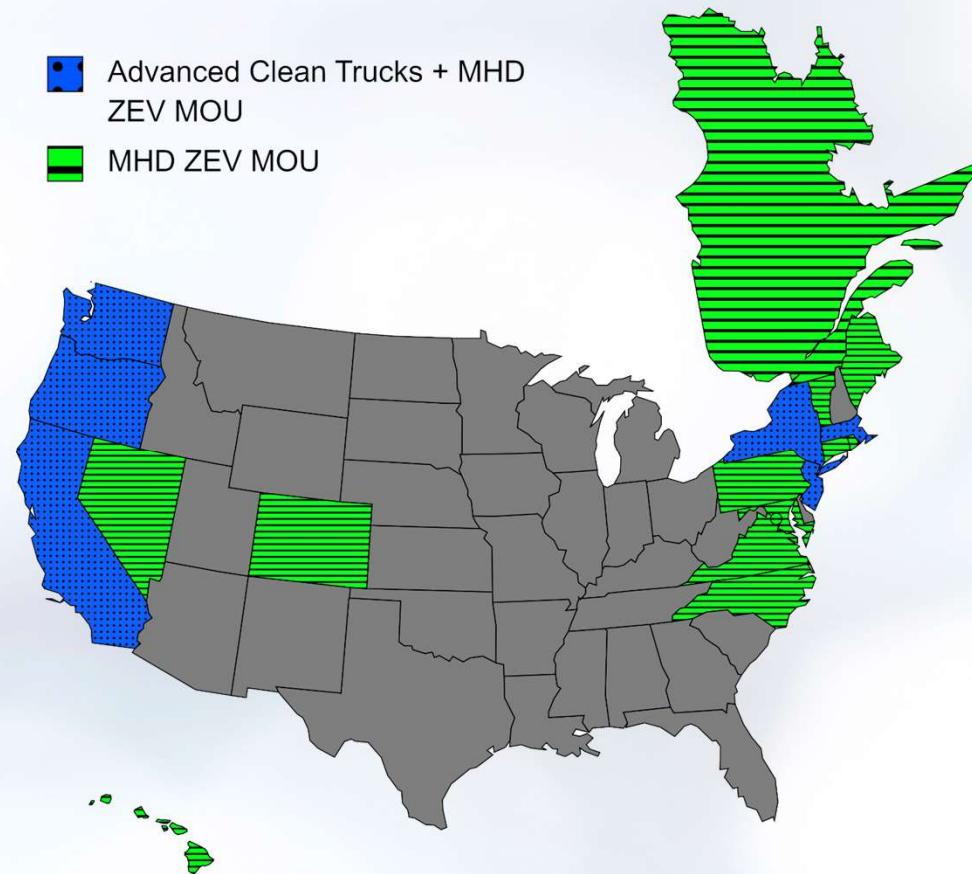
## Medium- and Heavy-duty ZEV Commitments

17 states and DC

Province of Quebec, Canada



-  Advanced Clean Trucks + MHD ZEV MOU
-  MHD ZEV MOU

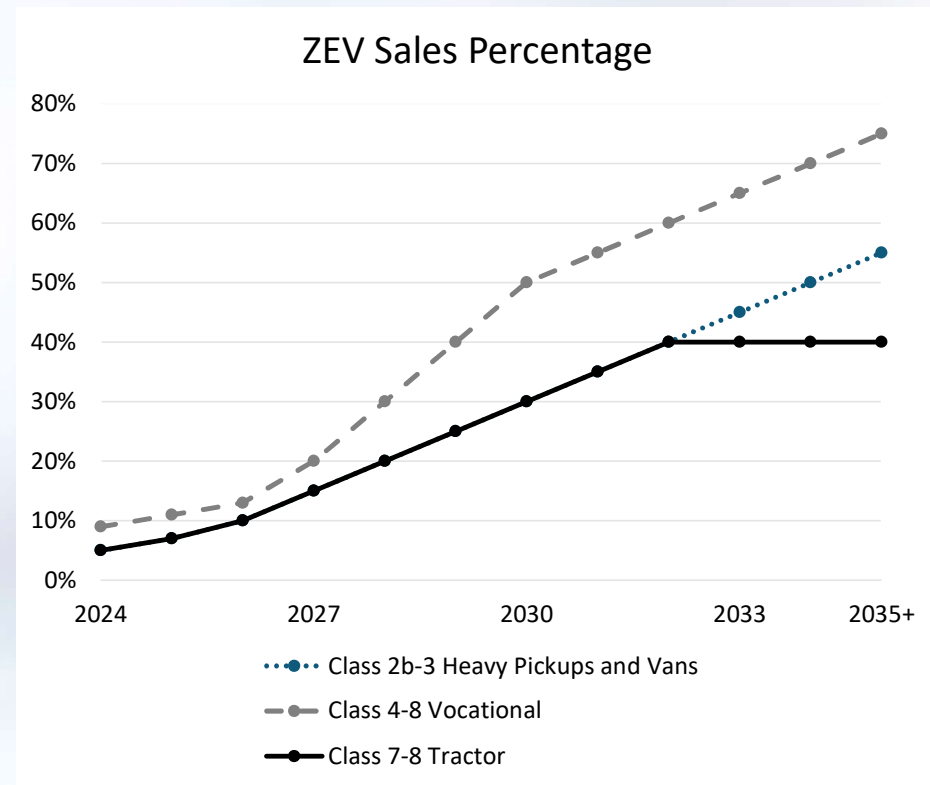




# Advanced Clean Trucks Regulation

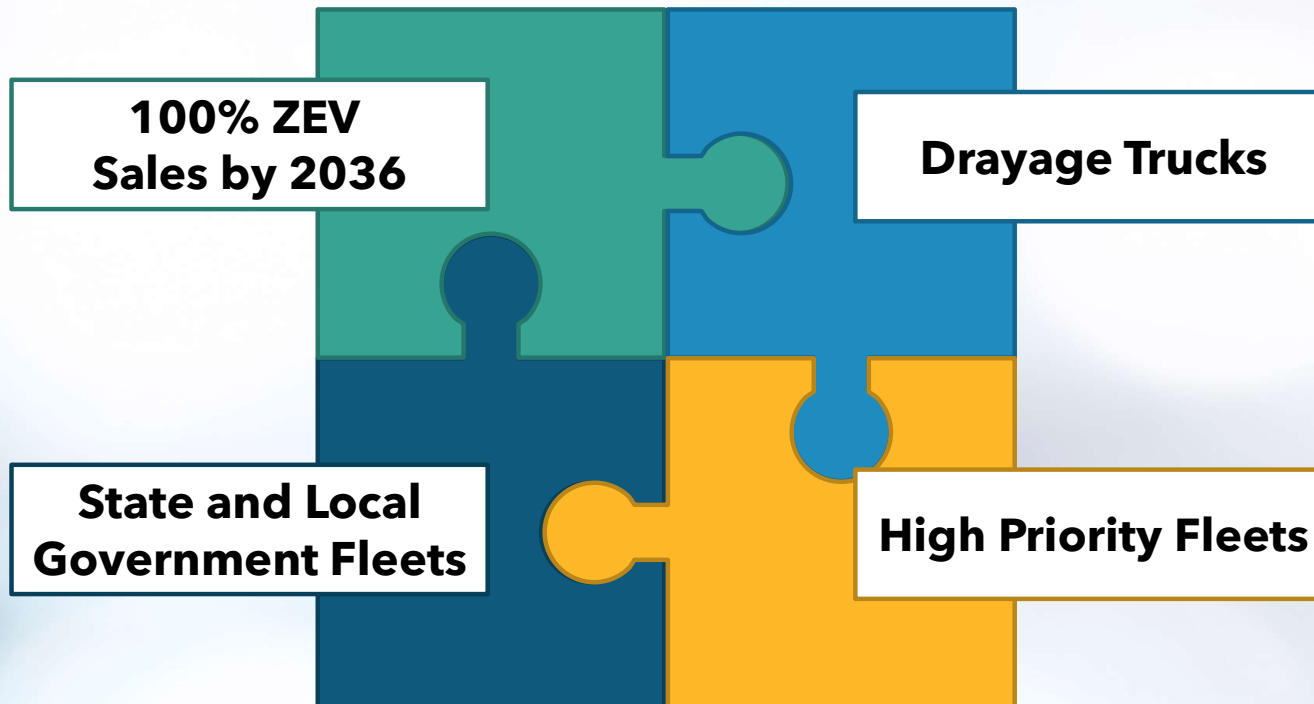
- Manufacturers must sell ZEVs as a percentage of total sales\*
- Begins with 2024 model year
- Credit for pre-2024 sales
- 320,000 ZE trucks to California by 2035

\*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

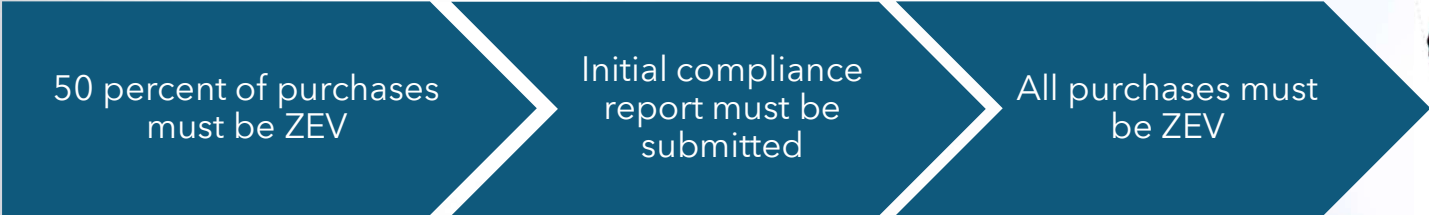


# ZEV Purchase Schedule

2024-2026

April 1, 2024

January 1, 2027



- 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

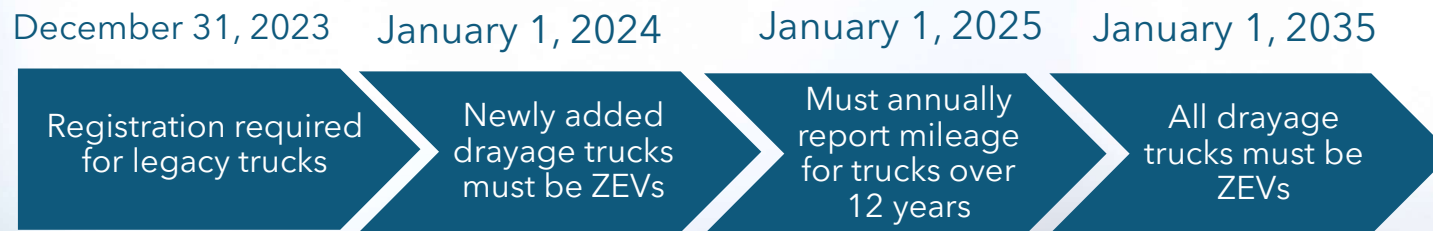
- Affects any motor carrier, broker, person, entity that hires and operates or hires and directs operation of vehicles subject to Advanced Clean Fleets\*
- Must verify fleets are compliant on our website
- Provide regulation disclosure statement to hired fleets
- Starts 2024
- Compliant fleet lookup:  
<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](mailto:zevfleet@arb.ca.gov)
- E-mail: [zevtruckstop@arb.ca.gov](mailto: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>