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CLEAN TRUCKS FOR COLORADO

The state of Colorado is considering two rules that would make medium- and heavy-duty trucks cleaner. Advanced Clean Trucks (ACT) is a proposed rule that would ensure manufacturers ramp up sales of zero-emissions vehicles over time. Low-NOx Trucks is a rule that would protect Coloradans from harmful NOx pollution by ensuring low-pollution standards for truck manufacturers. Together, the two Clean Trucks rules would benefit the economy, reduce emissions, and improve air quality for all Coloradans.

GOALS OF THE CLEAN TRUCK RULE

1. **Improve Colorado’s air quality**, protecting the health of all Coloradans from toxic air pollution.
2. **Reduce harmful greenhouse gas emissions** and support Colorado’s long-term climate goals.
3. Jumpstart the local market **for zero-emission trucks and buses**.



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The Advanced Clean Trucks rule would require manufacturers to sell zero-emission medium and heavy-duty vehicles as a percentage of their annual sales, starting in model year 2027 and slowly ramping up over time. The rule would expand the amount and variety of zero-emission vehicles available for purchase by vehicle weight class (2b-8), providing a reliable supply of zero-emission vehicles for fleet owners across the state. **The ACT rule is not a purchase requirement - nobody will be required to replace their fossil-powered vehicle. Instead, it expands options.**

Not included

8,500 lbs. and under
such as regular-sized pickups (F-150s),
passenger cars

Included

8,501 lbs. and over
such as large pickups (F-250+), vans,
tractor-trailers

The Low-NOx rule will reduce NOx emissions per new vehicle sold by 90% in model year 2027 by requiring manufacturers to meet emissions standards, conduct engine testing, and extend engine warranties. **The rule will reduce dangerous air pollution and protect our health.**

WHY DO WE NEED THE CLEAN TRUCKS RULES?

Fossil-fueled medium and heavy-duty vehicles pollute the air with NOx and fine particles that affect our health, leading to asthma, lung conditions, and even premature death. These health impacts disproportionately affect low-income communities and communities of color located around busy roads, freeways, trucking centers, and warehouses.

Transportation is the largest source of greenhouse gas emissions in Colorado. Despite only representing less than 10% of vehicles on the road, medium and heavy-duty vehicles contribute to 25% of these emissions. (MJB&A, CEO, 2022)

Colorado passed a law in 2019 requiring a 90% reduction in emissions by 2050. Making sure trucks and buses are zero-emission is a critical step toward these goals. **We need the ACT rule to ensure a minimum level of zero-emissions vehicles are available for use, jumpstarting the market for a zero-emission future.**

CLEAN TRUCKS BY THE NUMBERS

If enacted in 2023, ACT and Low-NOx rules would have the following benefits within Colorado: (American Lung Association, 2022) , (MJB&A, CEO, 2022)

485

estimated lives saved by 2050 in Colorado by reducing air pollution

\$5.4 Billion

in cumulative public health savings from reduced tailpipe emissions by 2050

\$5.8 Billion

in cumulative net fleet savings by 2050, including purchase, fuel, and maintenance

\$13.2 Billion

in social costs avoided from greenhouse gas emissions

\$22,700

saved by the owner of a zero-emission truck or bus over its lifetime

Six

states successfully adopted the ACT rule

HOW TO ACT ON THE ACT

The rulemakings formally kick off in December with the Air Pollution Control Division (APCD) submitting a proposal to the Air Quality Control Commission and continues through the spring, but the APCD is looking for input now. You can take action and let state agencies know you support clean trucks by commenting online at the [Clean Trucks comment form](#).

October - December: Public listening

[Register online](#) for public listening session on October 22, 10 AM – 11 AM via Zoom

December - April: Rulemaking

Public Hearings. [Follow the CDPHE website](#) for information as it is released