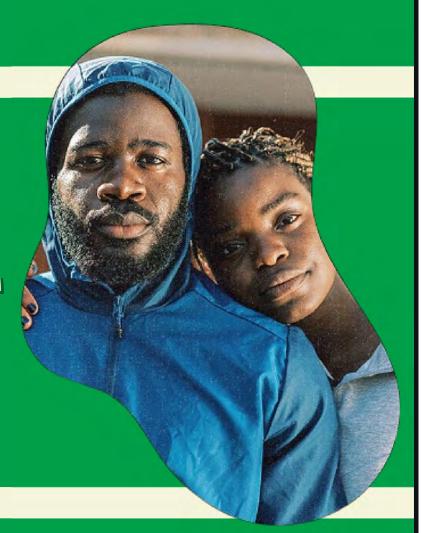


CLEAN AIR FOR THE LONG HAUL















Clean Air for the Long Haul



Agenda

- WELCOME
- INTRODUCTIONS
- CLEAN TRUCKS RULE
- CARBON RULES
- ROUNDTABLE

Clean Air for the Long Haul

Welcome!

Clean Air For The Long Haul is a nationwide coalition of environmental justice groups working together to win major federal emissions reductions in the power and transportation sectors. Coalition member organizations include:















West End Revitalization Association (WERA)









ROUNDTABLES

• GOALS

- TO SUPPORT EQUITABLE AND JUST DEVELOPMENT OF STATE IMPLEMENTATION PLANS FOR THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S POWER AND/OR TRANSPORTATION PLAN.
- GARNER RECOMMENDATIONS ON HOW THE STATE
 CAN IMPLEMENT, MAINTAIN AND ENFORCE THE EPA'S
 CLEAN TRUCKS AND/OR CARBON RULE PROPOSALS
 IN EQUITABLE AND JUST WAYS.



THE CLEAN AIR ACT AND TRANSPORTATION

WHAT IS THE CLEAN AIR ACT?

A FEDERAL LAW THAT PROVIDES THE ENVIRONMENTAL PROTECTION AGENCY (EPA) WITH **THE AUTHORITY** TO REGULATE AIR POLLUTION FROM CARS AND OTHER FORMS OF TRANSPORTATION



WHAT DOES THIS MEAN?

THE EPA MAY USE THIS AUTHORITY TO SET EMISSIONS STANDARDS FOR CARS AND TRUCKS, AS WELL AS FOR OTHER FORMS OF TRANSPORTATION SUCH AS PLANES AND EVEN TRAINS

CLEAN TRUCKS RULE

- The Clean Trucks Rule is a regulation implemented by the EPA to reduce emissions from diesel-powered trucks and improve air quality.
- Simply stated, the rule requires large commercial-operated trucks to reduce emissions by replacing or upgrading their engines

Greenhouse Gas Emissions Standards for Heavy Duty Vehicles-Phase-3

The Opportunity

- The potential for the application of zero -emission vehicles (ZEV) technologies in the heavy-duty sector for significant reductions in heavy-duty GHG emissions over the long term.
- This includes major trucking fleets, heavy-duty vehicle and engine manfucturers
- The Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA) would provide incentives and innovation for the development, production, and sale of zero emission vehicle, and electric charging infrastructure.

What They Are?

- Heavy-duty (HD) highway vehicles range from commercial pickup trucks to vocational vehicles that support local and regional transortation, construction, refuse colluction, delivery work, freight, semi-trucks, and tractors.
- The HD vehicle fleet is mostly powered by diesel-fueled compression ignition engines.

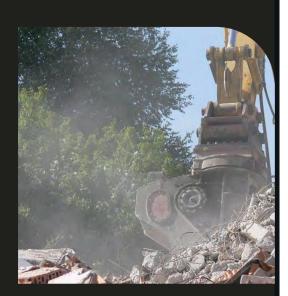
What Has Changed Since Phase 2 Rule?

- The heavy duty (HD) vehicle market has evolved such that early zero emission vehicle (ZEV) models are expected to expand. Additionally, ZEV technologies cost have have decreased.
- BIL and IRA are enacted and together these two laws provide significant monetary incentive for ZEV in the HD market.
- States are taking multiple actions to acclerate the adoption of HD zero emission vehicles. For example: California and other states adopted the ACT program that features a manufacturers requirement for zero emission truck sales.

EPA Proposes Stricter Standards for Heavy-Duty Vehicles to Reduce Greenhouse Gas Emissions

WHAT YOU NEED TO KNOW ABOUT THE PROPOSED "PHASE 3" GREENHOUSE GAS PROGRAM

- The new standards would apply to HD vocational vehicles (delivery trucks, refuse haulers) and tractors (day cabs, sleeper cabs on tractor-trailer trucks).
- The rule requires manufacturers of these vehicles to improve their fuel efficiency and reduce their emissions of carbon dioxide (CO2) and other pollutants.
- The proposed standards would go beyond the current stands that apply under the heavy duty (HD) Phase 2 Greenhouse Gas program.
 - Specifically, EPA is proposing STRONGER CO2 standards for model year (MY) 2027 HD vehicles, and a set of CO2 standards for HD vehicles that would begin to apply in MY 2028
- The EPA estimates that this rule will reduce greenhouse gas emissions by approximately 1.1B metric tons and save vehicle owners and operators approximately \$170B in fuel costs over the lifetime of the vehicles.
- The "Phase 3" greenhouse gas program maintains the flexible structure created in EPA's Phase 2 greenhouse gas program, which is designed to reflect the diverse nature of the heavy-duty industry.



THANK YOU



RACHAEL BAKER

NATIONAL ADVOCACY MANAGER RACHAEL.BAKER@WEACT.ORG

ANASTASIA GORDON

FEDERAL POLICY DIRECTOR ANASTASIA@WEACT.ORG



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WEBSITE WEACT.ORG



INSTAGARM **@WEACT4EJ**







