

SCAQMD's WAIRE Program did not generate any creditable emissions reductions

Emission benefits from NZE and ZE truck visits are a result of existing Statewide vehicle and fuel regulations, including CARB's:

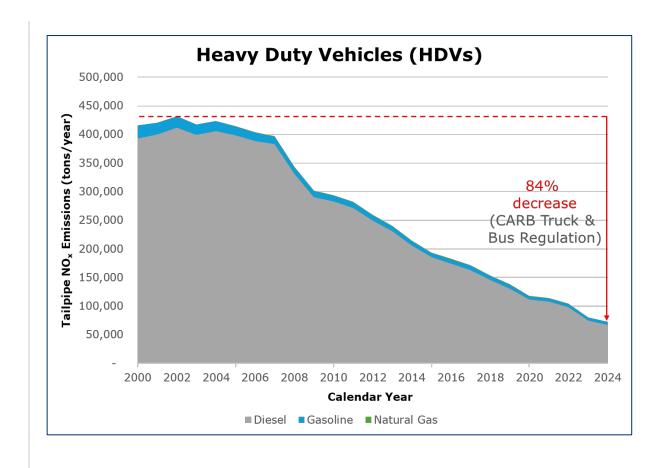
- Truck and Bus Regulation
- Low Carbon Fuel Standard (LCFS) Program
- Advanced Clean Truck Regulation
- Advanced Clean Fleets Regulation

The WAIRE Program requires NZE trucks to use engines that meet the lowest optional NO_x standard.

 Since the WAIRE program adoption in 2022, no new engines have been certified to this standard.

USEPA stated that it

"did not find a sufficient basis to credit Rule 2305 with achieving a specific amount of emissions reductions."



SCAQMD significantly overestimated emission benefits of certain actions credited under the WAIRE Program

Yard Hostlers

• The District claims NO_X emission benefits of 0.4 to 0.5 tons per day in 2023, this significantly exceeds the baseline NO_X emissions of 0.09 tons per day baseline for these equipment.

Zero-Emission (ZE) Trucks

 Use of basin-wide average one-way trip lengths overestimate emissions benefits of ZE trucks, typically deployed on shorter routes.

Solar Electricity Generating Systems

• Contrary to the District's assumptions in the emission benefit analysis for these systems, most electric power supplied to the region is not produced by local natural-gas fueled power plants.

SCAQMD underestimated the cost burden of rule compliance and the negative financial impacts on industry

Far-Reaching Effects on Industry

• The WAIRE program has profound impacts on the supply chain industry, affecting not only warehouses but also retail (office supplies, grocery stores, etc.), e-commerce, and manufacturing.

True Compliance Costs

 Experts estimate that actual compliance costs are three-fold to nine-fold higher than SCAQMD's initial estimates.

Financial Burdens on Consumers and Small Operators

- Increased compliance costs will be passed down to consumers, resulting in higher prices for goods.
- Small warehouse operators, unable to absorb these additional costs, could be forced out of business.

The WAIRE program primarily acts as a tax and will pose a significant financial burden on industry

Limited Truck Control for Warehouse Operators

- Most warehouse operators do not control the trucks visiting their facility or own the warehouse buildings they
 operate in.
- Their primary compliance option is to pay a mitigation fee.

Excess Early Action WAIRE Points

- SCAQMD's 2nd Annual Report states that mitigation fees account for only 5% of total WAIRE points earned.
- However, most WAIRE points earned to date were credits for early actions/banked points whose emission benefits were not caused by the WAIRE program.

Increasing Reliance on Mitigation Fees

- The Annual Report shows that 18% of reported compliance obligations in the first two years of implementation were met using mitigation fees.
- This value could increase to as much as 70% once all warehouses subject to the rule submit their overdue annual reports.

Indirect source rules can cause emissions leakage and net emissions increases

Relocation of Warehousing Operations

 Increased warehousing costs from indirect source rules could result in relocation of operations out of the region, shifting emissions rather than reducing them.

Increased Truck Trip Distances

 Relocation could result in longer truck trip lengths, leading to a net increase in regional emissions.

Warehouse indirect source rules will result in a significant administrative burden for implementing agencies

Software Development and Maintenance Costs

• SCAQMD has allocated over half a million dollars for the development and maintenance of their online reporting tool, WAIRE POP, which still suffers from foundational data integrity issues.

Inadequate Staffing

- SCAQMD's 6.3 Full Time Equivalent staff for rule implementation have been unable to keep up with warehouse operators' requests; response times have varied from 1-2 weeks to over a year.
- Additional staff are required for enforcement and the development/implementation of the mitigation fee funding program.

Thank you

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