South Coast AQMD

WAIRE

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# Rule 2305 - Warehouse Actions and Investments to Reduce Emissions Program

## What is WAIRE?

The Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program aims to reduce nitrogen oxide and diesel emissions associated with warehouses, help meet federal standards and improve public health, especially in communities located near warehouses in the South Coast AQMD.

## Who Must Comply?

Owners and operators of warehouses that have 100,000 square feet or more of indoor floor space in a single building.

## How Does it Work?

### Warehouse Operators

WAIRE is a menu-based point system. Warehouse operators are required to earn a specific number of points every year. This is based on the number of trucks trips made to and from the warehouse each year, with larger trucks such as tractors or tractor-trailers multiplied by 2.5.

Points can be earned through:

a) completing any combination of actions in the WAIRE menu; or
b) completing actions in an approved, site-specific custom WAIRE Plan; or
c) paying a mitigation fee.

If a warehouse operator earns more points than needed during the compliance period, they can bank extra points for a future year, or transfer points to another warehouse they operate. Operators are required to submit a one-time, Initial Site Information Report about their operations as well as Annual WAIRE Reports that document how they complied during the previous year.

### Warehouse Owners

Warehouse owners are required to submit basic information (Warehouse Operations Notification) about the building and their tenants. Only warehouse operators must earn WAIRE Points, but owners can opt-in if they choose and transfer points to their tenants.

More information is available at www.aqmd.gov/WAIRE.
Questions? Please contact: waire-program@aqmd.gov or (909) 396-3140.

# WAIRE

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# WAIRE Menu

| Action/Investment | Action/Investment Details | Reporting Metric | Annualized Metric | WAIRE Points per Annualized Metric | Discounted WAIRE Points Subparagraph (d)(6)(A) |
|---|---|---|---|---|---|
| Acquire ZE/NZE Trucks in Warehouse Operator Fleet | ZE Class 8 | Number of trucks | One truck acquired | 126 | 126 |
| | ZE Class 4-7 | | | 68 | 68 |
| | ZE Class 2b-3 | | | 14 | 14 |
| | NZE Class 8 | | | 55 | 55 |
| | NZE Class 4-7 | | | 26 | 26 |
| ZE/NZE Truck Visits | ZE Class 8 | Number of visits | 365 truck visits | 51 | 33 |
| | ZE Class 4-7 | | | 12 | 9 |
| | ZE Class 2b-3 | | | 9 | 6 |
| | NZE Class 8 | | | 42 | 24 |
| | NZE Class 4-7 | | | 12 | 9 |
| Acquire ZE Yard Truck | | Number of yard trucks | One yard truck acquired | 177 | 177 |
| Use ZE Yard Truck | | Hours of use | 1,000 hours | 291 | 51 |
| Install Onsite ZE Charging or Fueling Infrastructure | 150-350 kW EVSE Acquisition | Number of EVSE purchased | One EVSE purchased | 118 | 118 |
| | 51-149 kW EVSE Acquisition | | | 51 | 51 |
| | 19.2-50 kW EVSE Acquisition | | | 26 | 26 |
| | Up to 19.2 kW EVSE Acquisition | | | 5 | 5 |
| | TRU Plug EVSE Acquisition | | | 3 | 3 |
| | Begin construction on 19.2-350 kW charger project | First day of construction | One construction project | 9 | 9 |
| | Begin construction on up to 19.2 kW charger project | | | 5 | 5 |
| | Begin construction on TRU Plug project | | | 5 | 5 |
| | Finalize 19.2-350 kW Level charger project | The latter of final permit sign off or charger energization | One construction project | 59 | 59 |
| | Finalize up to 19.2 kW charger project | | | 5 | 5 |
| | Finalize TRU Plug project | | | 7 | 7 |
| | Hydrogen ($H_2$) Station | Daily capacity of station in kilograms (kg) | One 700 kg/day station construction project | 1,680 | 1,680 |
| Use Onsite ZE Charging or Fueling Infrastructure | Vehicle Charging | Kilowatt-hours (kWh) of dispensed electricity | 165,000 kWh | 42 | 24 |
| | TRU Charging | | 10,658 kWh | 10 | 3 |
| | $H_2$ Station Usage | Kg of dispensed $H_2$ | 6,152 kg | 43 | 25 |
| Install and Energize Onsite Solar Panels | Rooftop | Size of system in kW | 100 kW system | 15 | 15 |
| | Carport | | | 19 | 19 |
| Use Onsite Solar Panels | | Energy production in kWh | 165,000 kWh | 1 | 1 |
| Install MERV 16 or greater Filters or Filter Systems in Residences, Schools, Daycares, Hospitals, or Community Centers | Install Stand-Alone System | Number of systems installed | 25 systems | 55 | 55 |
| | Replace Filters | Number of filters replaced | 200 filters | 51 | 51 |

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**Point your smartphone camera here to be directed to the WAIRE Program website**