

South Coast AQMD

WAIRE Program



Deploy Orange EV yard trucks to
Earn WAIRE Points

With Orange EV's turnkey solution, fleets are making their teams safer, their companies more efficient, and our planet cleaner, all while reducing costs. And now, operators subject to the WAIRE program can earn significant WAIRE points – and offset mitigation fees – by purchasing, operating, and charging Orange EV trucks.

The [South Coast AQMD WAIRE Program](#) (Warehouse Actions and Investments to Reduce Emissions) is applicable to warehouse owners and operators throughout the Greater Los Angeles area.

It can be challenging to determine if the WAIRE requirements apply to you, and if they do, how best to comply. **Orange EV is here to help.** We have the knowledge to answer questions, and the trucks to help earn significant WAIRE points.

Briefly: The WAIRE program affects owners and operators of warehouses $\geq 100,000$ sq. ft. in the South Coast AQMD region. In a phased rollout, operators of $\geq 50,000$ sq. ft. in such warehouses will be required to collect truck trip data, submit reports, and either earn WAIRE Points or pay mitigation fees of \$1,000 per WAIRE Point. Warehouse owners will be required to submit reports and may take actions to help meet points obligations for operators in their warehouses.

Key Actions

- Determine** if the WAIRE requirements apply to you
 - Read the [WAIRE 2-page program summary](#) and [FAQ](#)
 - Review [WAIRE training videos](#)
 - Contact WAIRE program staff to learn more: waire-program@aqmd.gov or (909) 396-3140
 - Calculate** your WAIRE Points Compliance Obligation (WPCO)
 - Establish your Weighted Annual Truck Trips (WATTs)
 - Enter data into the [WAIRE User Calculator](#)
- **Earn** required WAIRE points by taking actions listed on the WAIRE Menu, found on page 20 of [Rule 2305](#)

Earn WAIRE Points

Operators may earn points by purchasing and/or using all-electric yard trucks, and purchasing, installing, and/or using charging equipment for those trucks.

Purchasing and using one Standard Duty Orange EV truck with Enhanced Charging could earn **1,441 WAIRE points**, worth the equivalent of offsetting \$1,441,100 in WAIRE mitigation fees.

See page 2 for example calculations, and [contact Orange EV](#) to learn more.

Orange EV has provided this information to the best of our knowledge and current understanding of the program. For official determinations, contact the program directly.



Contact Orange EV

@ Sales@OrangeEV.com

📞 866-688-5223

Orange EV is the leading manufacturer of heavy-duty electric vehicle solutions, proven and preferred by drivers and management, with more than 10 million miles and 3 million hours of operation. Experience the Orange EV difference today.

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Deploy Orange EV yard trucks to Earn WAIRE Points

Operators may earn points by purchasing and/or using all-electric yard trucks, and purchasing, installing, and/or using EVSE (Electric Vehicle Supply Equipment; e.g., charging cabinets) for those trucks. See the two examples below for potential points earned with Orange EV.

Standard Duty Truck w/Enhanced Charging

| WAIRE Menu Action | Units | Points | Annualized Metric | 1 Standard Duty Truck w/Enhanced Charging Cabinet | |
|--|--|--------|-------------------|---|----------------------|
| | | | | DATA for SD w/ ECC | Points for SD w/ ECC |
| Acquire ZE Yard Truck | # of yard trucks (#) | 177 | | 1 | 177 |
| Use ZE Yard Truck | Hours of use (hrs) | 291 | 1,000 | 4,000 | 1,164 |
| 150-350 kW EVSE Acquisition | # of EVSE purchased (#) | 118 | | 0 | 0 |
| 51-149 kW EVSE Acquisition | # of EVSE purchased (#) | 51 | | 0 | 0 |
| 19.2-50 kW EVSE Acquisition | # of EVSE purchased (#) | 26 | | 1 | 26 |
| Up to 19.2 kW EVSE Acquisition | # of EVSE purchased (#) | 5 | | 0 | 0 |
| Begin construction on 19.2-350 kW charger project | # of construction projects initialized (#) | 9 | | 1 | 9 |
| Begin construction on up to 19.2 kW charger project | # of construction projects initialized (#) | 5 | | 0 | 0 |
| Finalize 19.2-350 kW charger project | # of construction projects finalized (#) | 59 | | 1 | 59 |
| Finalize up to 19.2 kW charger project | # of construction projects finalized (#) | 5 | | 0 | 0 |
| Vehicle Charging | kWh of dispensed electricity (kWh); DATA field shows kWh/hr usage | 42 | 165,000 | 6 | 6 |
| Total WAIRE Points: | | | | 1,441 | |
| Mitigation Fee at \$1,000/pt: | | | | \$ 1,441,109 | |
| Base Cost for Orange EV Solution: | | | | \$ 274,450 | |
| Potential Savings (if the Total WAIRE Points are required): | | | | \$ 1,166,659 | |

Extended Duty Truck w/Fast Charging

| WAIRE Menu Action | Units | Points | Annualized Metric | 1 Extended Duty Truck w/Fast Charging Cabinet | |
|--|--|--------|-------------------|---|----------------------|
| | | | | DATA for ED w/ FCC | Points for ED w/ FCC |
| Acquire ZE Yard Truck | # of yard trucks (#) | 177 | | 1 | 177 |
| Use ZE Yard Truck | Hours of use (hrs) | 291 | 1,000 | 6,000 | 1,746 |
| 150-350 kW EVSE Acquisition | # of EVSE purchased (#) | 118 | | 0 | 0 |
| 51-149 kW EVSE Acquisition | # of EVSE purchased (#) | 51 | | 1 | 51 |
| 19.2-50 kW EVSE Acquisition | # of EVSE purchased (#) | 26 | | 0 | 0 |
| Up to 19.2 kW EVSE Acquisition | # of EVSE purchased (#) | 5 | | 0 | 0 |
| Begin construction on 19.2-350 kW charger project | # of construction projects initialized (#) | 9 | | 1 | 9 |
| Begin construction on up to 19.2 kW charger project | # of construction projects initialized (#) | 5 | | 0 | 0 |
| Finalize 19.2-350 kW charger project | # of construction projects finalized (#) | 59 | | 1 | 59 |
| Finalize up to 19.2 kW charger project | # of construction projects finalized (#) | 5 | | 0 | 0 |
| Vehicle Charging | kWh of dispensed electricity (kWh); DATA field shows kWh/hr usage | 42 | 165,000 | 8 | 12 |
| Total WAIRE Points: | | | | 2,054 | |
| Mitigation Fee at \$1,000/pt: | | | | \$ 2,054,218 | |
| Base Cost for Orange EV Solution: | | | | \$ 360,300 | |
| Potential Savings (if the Total WAIRE Points are required): | | | | \$ 1,693,918 | |

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