

# World's First Successful Class 8 Electric Truck



Commercially deployed and reordered since 2015



- OEM:** Orange EV LLC
- Product:** T-Series, Pure Electric Terminal Truck (aka yard trucks/tractors, hostlers, spotters)
- Class:** Heavy Duty, Class 8
- Fuel:** 100% battery electric. No diesel, no emissions.
- DOT:** DOT (on road) and non-DOT (off road)
- New/Reman:** Built new or as a remanufacture/repower of existing
- Adoption:** Rapid growth with trucks operating daily, nationwide
- Incentives:** Significantly lower total cost of ownership (TCO)
- Performance:** Saves up to 90% on fuel; runs up to 24+ hrs on a charge

## Fleets trust Orange EV

Orange EV is the [long-standing industry leader](#) with trucks commercially deployed (i.e., working in the same mission-critical roles, purchased with funds budgeted for diesels) across container-handling operations nationwide. Every Orange EV truck remains in operation with its original owner and on the original battery pack. Fleets value Orange EV's solution-based approach: spec'ing and building trucks to site-specific requirements; explaining the spec'd solution, rationale, and what to expect; training operators, maintainers, and other team members; providing responsive, superior post-delivery support, remote and onsite. Orange EV trucks meet expectations both operationally and financially. A long time industry insider (years ago) provided this [test drive and assessment](#).

## Orange EV trucks deliver

- Emissions reductions:** Orange EV trucks eliminate about 1.6 tons NOx, 1.5 tons CO, 0.6 tons PM<sub>2.5</sub>, and 140 tons CO<sub>2</sub> compared to Tier 3 diesels operated 5,000 hrs at 2.5 gal/hr. Older trucks are several times this.
- Savings:** In the same duty cycle described above, Orange EV trucks are saving > \$50,000 annually per truck in fuel, maintenance and emission control. Add to this savings in work comp/liability, PR, safety, health, process efficiency, and more.

[DHL Supply Chain](#) was recognized for deploying [Orange EV's](#) electric terminal trucks and have several all-electric sites with no diesel backups; Orange EV electric trucks are more reliable than the diesels they replaced. At their first site in 2015, DHL reduced fuels costs by 85-90% and completely eliminated tailpipe emissions. Municipal entities like the City of Orlando and [Chautauqua County](#) as well as commercial fleets like Groot Industries, a subsidiary of [Waste Connections](#), use Orange EV in waste transfer operations. [Anderson DuBose, McDonald's distributor](#), supplying restaurants daily, [issued this case study](#). For years Orange EV electrics have been the lead trucks at [YRC Freight's](#) largest break bulk site. [Oakland Maritime Support Services](#), [TriModal](#), [Impact Transportation](#), and [R&A](#) use Orange EV trucks in and around California seaports. In its first re-order, [Rail Management Service \(RMS\)](#), the largest intermodal ramp operator, deployed nine (9) trucks to sites in harsh northern climates. *Brand-leading, regional, and government fleets alike choose Orange EV electric terminal trucks.*

## Proven & preferred, working 24x7 daily across the U.S.

Kansas City based [Orange EV](#) is the leading OEM providing industrial fleets with heavy duty electric vehicle solutions that are proven to [save money](#) while being [safer](#), [more reliable](#), and [preferred by drivers and management alike](#). Orange EV trucks meet the most rigorous duty cycles and 24x7 shift schedules while [eliminating diesel fuel and emissions](#). Building both [new](#) and [re-powered](#) terminal trucks, Orange EV was the first and is still the only manufacturer offering 100% electric Class 8 vehicles that have been [commercially deployed and re-ordered](#) into container handling operations.

Visit [OrangeEV.com](#) to learn more, see the T-Series in action, and request a quote.