

DHL SUPPLY CHAIN/EXEL FLEET CASE STUDY

DHL Supply Chain/Exel's Bolingbrook office received \$150,000 in voucher incentives through Drive Clean Chicago for one (1) all-electric tractor from Orange EV. The new zero-emission yard tractor offers attractive range, operates well in cold temperatures, and reduces fuel costs.



FLEET PROFILE

Name	DHL Supply Chain/Exel
Services	Supply Chain Management
Employees	52
Area Covered	Chicago
Voucher Amount	\$150,000
Technology	All-Electric

Company Profile

DHL Supply Chain is the world's largest logistics company, offering customized supply chain services for its customers. Its sister organization, Exel, is the leader in contract logistics for North America. DHL trucks carry around 80-90 loads per day, delivering outbound goods from its warehouses all year round. As a result of its global initiative to use more fuel-efficient vehicles, DHL has replaced around 75 percent of its U.S. fleet with alternative fuel vehicles since 2014.

Business Case for Clean Vehicles

Orange EV's all-electric system replaces the internal combustion engine with an electric motor and battery, eliminating the need for diesel fuel. After receiving the electric yard tractor, Exel has experienced an 85 to 90 percent reduction in fuel costs in the 2015 fiscal year. These savings are projected to be worth \$22,000 considering current fuel costs. The truck has operated at efficient speeds along with the other diesel trucks in the fleet and was reported to have run for 24 hours on a single charge.

Serving the Community

Exel liked the ability to refurbish an existing truck that the team had been using before with an all-electric system to streamline the integration of the truck back into the fleet. With the efficient performance of the vehicle reducing time at the pump, Exel can serve more of its customer base while reducing emissions for its surrounding communities.

About Drive Clean Chicago

The Drive Clean Chicago Program (DCC) is a unique and streamlined incentive program to help create a roadmap for a greater alternative fuel transportation network for Chicago. DCC accomplishes this by addressing the biggest barrier to the purchase of medium- and heavy-duty advanced trucks: the high incremental cost of these vehicles in the early market years when production volumes are still low. All fleets are eligible, whether they're public or private, large or small.

