

Confidential E-Commerce Company

CHICAGO, IL AND ST. LOUIS, MO



VALUE DELIVERED

Lyons & Pinner installed electrical-vehicle (EV) charging stations and infrastructure at multiple warehouses and delivery stations for one of the world's largest e-commerce companies.

These projects support the client's initiative to deploy a fleet of 100,000 custom electric delivery vehicles by 2030. The first EVs started at these sites in the spring of 2021, and when fully deployed, the EV fleet is projected to save millions of metrics tons of carbon per year.



CASE STUDY

OPERATING COMPANY

Lyons & Pinner

CLIENT

Confidential E-Commerce Company



CLIENT OBJECTIVES

The client is engaging in an ambitious, multi-year effort to convert their fleet to next generation EVs and needed an electrical contractor with experience installing charging stations.

The electrification of their fleet is part of a larger sustainability effort to achieve net-zero carbon emissions by 2040.

SOLUTIONS

We provided electrical infrastructure, equipment installation, and commissioning for EV charging stations at one fulfillment center and two last-mile delivery stations. Currently, there are two sites completed in Chicago, IL with a third underway, and one completed in St. Louis, MO.

The projects involve two phases. In the first phase, we install the infrastructure for the chargers, including transformers, switchboards, and distributions boards. In the second phase, we install the actual equipment, mounting a pedestal and charger and lastly commissioning each station.

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COMMERCIAL

RETAIL

CASE STUDY

SOLUTIONS (CONT.)

We have installed infrastructure for roughly 500 future charging stations at the warehouses and completed phase two for roughly 30-percent of the stations. The fulfillment centers feature infrastructure for up to 10 future fast charging stations, six of which have charging equipment installed.

We expect to work with the client in an ongoing manner, finishing the installation process as they convert more trucks in their delivery fleet to EVs and complete the development of a heavy-haul EV to serve their fulfillment centers.

Additionally, through these projects, we also won work installing infrastructure for solar panels at their St. Louis site, including rough-ins for outlets and switchgears.

CLIENT BACKGROUND

The client is a multi-national technology company focused on e-commerce. It is one of the world's largest online retailers and marketplaces, with hundreds of distribution centers across the globe.



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