CASE STUDY

Keeping Electrical Equipment Ready for Data Center Build Schedules



A U.S.-based electrical equipment distributor supporting data center builds across Texas wanted to improve how they managed UPS systems, PDUs, switchgear, and supporting components between the manufacturing and installation stages.

With equipment arriving in waves and amid site delivery dates changes, Three Way provided support storage, tracking, staging, and releasing equipment according to schedule.

The Challenge

Long-lead electrical equipment was arriving before data center sites were ready to receive it.

Large volumes of high-value equipment could arrive in waves, while construction delays continued to impact delivery schedules. Some equipment needed to be held for extended periods, released in partial shipments, or delivered across multiple jobsites.

Storage presented its own challenges. Equipment needed secure indoor warehousing, sometimes with climate control, while oversized items required specialized handling.

The distributor also needed detailed tracking of what was on hand, what had been allocated to each project, and what was ready for delivery.

The Solution

Three Way provided secure, organized warehousing for UPS systems, PDUs, switchgear, and other components, using floor staging or racked storage based on equipment size and handling needs.

Inventory was tracked by project, customer, and delivery phase. Equipment could remain in storage until the site was ready, with outbound shipments staged by project phase and orders broken down or consolidated as needed.

Three Way also connected warehousing with its asset-based transportation and white-glove delivery and rigging services when required. This eliminated the need for multiple vendors and reduced coordination gaps between storage and delivery.

The Results

Equipment could be delivered when sites were fully ready rather than when it became available, reducing jobsite congestion and delays.

The distributor improved inventory control, including visibility into inventory levels and project allocation, with fewer lost, misplaced, or delayed shipments.

The setup could also easily adjust to any construction delays or schedule changes while fewer touchpoints to high-value equipment minimized the risk of damage.

A Buffer Between Manufacturing and Deployment

Data center builds often need the buffer of project storage, especially for long-lead-time electrical equipment Through warehousing, transportation, and white-glove delivery services, Three Way helps distributors manage changing project timelines, keeping equipment securely stored and ready for when it's needed.

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