



**MILBANK**<sup>®</sup>  
ENERGY AT WORK



# **POWER DISTRIBUTION & CONTROLS**



**A solution for every power distribution  
and controls application**



# THE MILBANK ADVANTAGE

Milbank is uniquely positioned to streamline approvals and accelerate project timelines by leveraging long-standing relationships with utilities and deep industry expertise. This insight allows us to manufacture high-amperage power distribution and controls cabinets with reduced lead times to help customers move projects forward faster.

Milbank also offers the unique ability to integrate metering directly into our designs, delivering a smaller footprint and exceptional flexibility. Built with the agility of a panel shop and backed by the capabilities of a national manufacturer, Milbank provides smarter, faster, and more scalable power solutions.





# Experience a Wide Range of Power Distribution



## Power Distribution and Controls

Milbank's line of power distribution and controls equipment focuses on power distribution solutions under 400 Amps that support a wide array of low-amperage power distribution applications.



## PWRvance

PWRvance stays ahead by focusing on high-amperage power distribution and control solutions that meet the growing demands of today's energy landscape.



## Milbank Express

The Milbank Express product line focuses on modular solutions that are either made-ready or have quick lead-times that ensure your projects stay on-time and are designed for utility approval.

# BUILDING UTILITY **CONFIDENCE** THROUGH RELATIONSHIPS

Milbank Power Distribution & Controls cabinets are designed to meet the standards of many utilities across the U.S., including investor-owned, municipal, and cooperative providers. Backed by decades of experience working alongside utility partners, Milbank has developed a deep understanding of regional requirements and approval processes.

This expertise allows us to anticipate challenges, streamline compliance, and help customers deploy projects faster and more reliably.

**Coast to Coast Utility Collaboration** ▶



## TRUSTED BY UTILITIES COAST TO COAST

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PWRvance builds on Milbank's current partners, leveraging Milbank's extensive network of utility relationships and existing product approvals to help streamline project timelines and ensure confidence in every installation. While our products are widely recognized, we recommend confirming specific approvals with your local utility provider prior to installation.



# **Milbank Power Distribution Solutions for Every Application**



Parks and Landscaping



Water Treatment



Traffic Controls



EV Charging



5G and Telecomm



Event Power



Lighting Controls

# Low Amperage

Up to 400 Amps



Street lights, motor controls, and traffic control powered by Milbank Power Distribution & Controls cabinets have you covered for any power distribution application.



Power your EV chargers at your local shopping district.



Two metered loads in a single cabinet is great for two customers on a single concrete pad.



Slimline power distribution is the perfect solution for municipalities working with limited real-estate.





12- and 14-gauge steel construction, aluminum, and 304/316 stainless steel materials are available.





Power your next music festival or food truck stand.



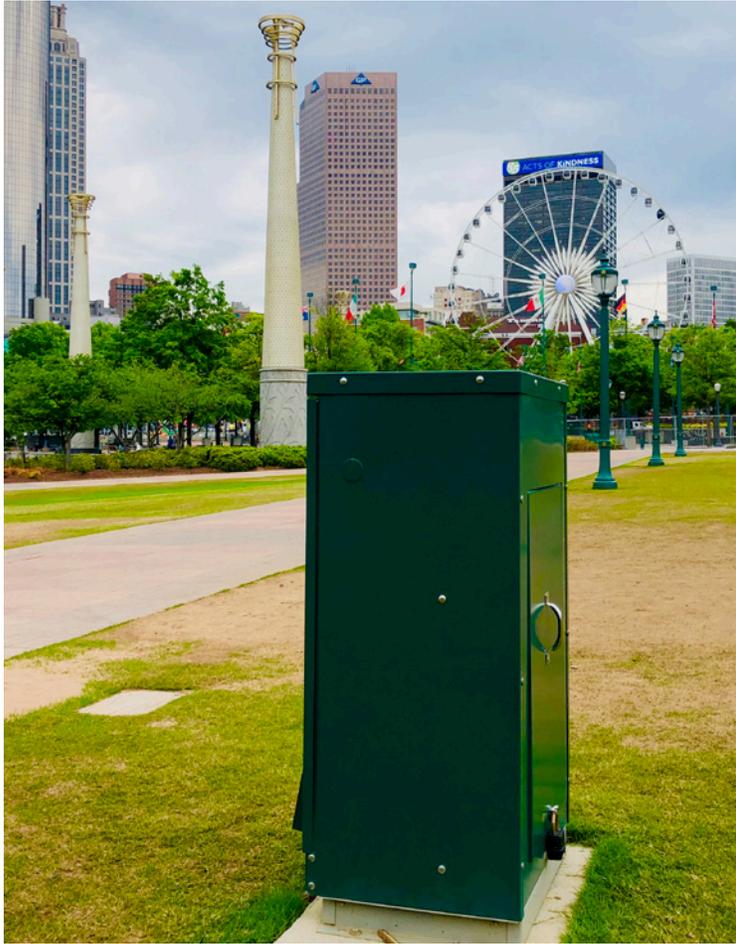
Sleek pole-mounted power distribution is ideal for lighting and 5G controls with limited real-estate.





Color matching available for your next project.





# High Amperage

Up to 2000 Amps



Integrated utility-approved CT-metering.





Powering your next DC fast-charger project.





Keep your stadium parking lots well-lit.







Easily power EV-chargers for your apartment complex, office, or shopping center.



# Case Study: Evergy (formally KCPL) EV Charging

## Background & Challenge

In January 2015, KCP&L announced plans to rapidly expand its network of 40 public electric vehicle charging stations. The “Clean Charge Network” now consists of nearly 1,000 EV charging stations — more than in any other U.S. city.

KCP&L sought a single power distribution device with integrated meter and service panels to streamline construction, along with disconnect switches and load panels. They also required a solution that enabled a more efficient installation process without the need for a separate support structure.



**“Milbank was able to custom tailor products for our needs and meet the rapid deployment timeline. The product solution streamlines field construction and provides an aesthetically pleasing installation.”**

—Ed Hedges, KCP&L Project Engineer

## **The Solution**

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Milbank engineers worked closely with KCP&L to design a safe, durable, and sleek Power Distribution & Controls unit with minimal impact on streetscapes. The pedestals are UL listed, lockable, sealable, and metered per KCP&L’s specifications. In addition to meeting KCP&L’s specific requirements, Milbank’s Power Distribution & Controls units saved time, money, space, and materials.

## **Implementation**

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The KCP&L edition of Milbank’s Power Distribution & Controls was designed for quick, repeatable installation. As the project evolved, KCP&L determined that different designs were needed based on location, as well as the type and number of charging stations. Milbank was able to pivot quickly and produce designs that met these updated requirements. KCP&L is currently utilizing five different Milbank models.

# Case Study: Georgia Power

## Overview

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As EV infrastructure expands across the United States, utilities face increasing pressure to deploy reliable, high-amperage power distribution systems quickly and efficiently. Georgia Power encountered this challenge as demand for EV fast-charging installations accelerated throughout its service territory.

To support its growing Make Ready program, Georgia Power needed a smarter, more scalable alternative to traditional field-built distribution systems. By partnering with PWRvance, the utility implemented a streamlined, pre-assembled power distribution solution designed to simplify installation, improve project visibility, and accelerate deployment timelines.

## The Challenge

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Georgia Power's NEC/ET Construction Supervisor, Chris Orgill, began evaluating new approaches to EV power distribution as the company prepared to complete 100 Make Ready projects in 2025.

Historically, installations relied on a traditional "strut farm" configuration, where disconnects and electrical components were sourced individually and assembled on site. While functional, this approach introduced several challenges: complex field assembly requiring significant labor, extended installation timelines, multiple sourced components creating coordination challenges, limited standardization across projects, and increased potential for installation inconsistencies.

As EV charging infrastructure expanded, Georgia Power needed a solution that could deliver greater consistency, faster installations, and improved scalability across multiple locations.



## The Collaboration

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In December 2024, Georgia Power began working with the PWRvance team, including Justin Haesemeier and Andrew Tait, to explore a more efficient approach to high-amperage power distribution.

Over the next two months, the teams collaborated to design a cabinet solution capable of supporting Georgia Power's evolving EV infrastructure needs while maintaining flexibility for deployment across numerous job sites.

In May 2025, Georgia Power representatives visited PWRvance manufacturing facilities in Concordia and Kansas City to observe production firsthand and review the design in action. The visit reinforced confidence in both the solution and the manufacturing capabilities behind it.

## The Solution

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PWRvance delivered a fully pre-assembled, high-amperage distribution unit engineered specifically for Georgia Power's Make Ready division. By consolidating critical distribution components into a single cabinet system, the solution eliminated the need for field assembly and significantly simplified installation.

### KEY FEATURES INCLUDED:

- **Job-Specific Identification System:** Each unit received a unique part number with embedded project identifiers, including job site location and Georgia Power account information, simplifying project tracking and documentation.
- **Manufacturing Transparency:** Weekly production updates provided Georgia Power project managers with visibility into manufacturing progress, allowing for improved installation planning.

- **Reduced Labor and Installation Time:** With units arriving fully assembled and ready to install, contractors were able to eliminate significant field assembly, accelerating project timelines.
- **Integrated Security:** Lockable enclosures provided built-in system protection, eliminating the need for additional fencing or external security.
- **Consistent Job Site Appearance:** Replacing multi-component installations with a single cabinet system created a cleaner, more professional installation across job sites.

## The Results

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The PWRvance solution allowed Georgia Power to transition from complex, field-built assemblies to a standardized platform designed for modern EV infrastructure.

### KEY OUTCOMES INCLUDED:

- Faster installation timelines
- Reduced field labor requirements
- Improved project visibility and communication
- Consistent system design across installations
- Built-in security and improved site aesthetics
- Powering the Future of EV Infrastructure

As EV adoption accelerates nationwide, utilities require solutions that simplify deployment without compromising reliability. PWRvance delivers pre-engineered, high-amperage power distribution systems designed to reduce installation complexity, improve efficiency, and support the next generation of EV infrastructure.



# Contact Us

To learn more about the Milbank family of power distribution and controls products, contact us today by scanning the QR code below, or visiting us at [milbankworks.com](https://www.milbankworks.com).



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