



Milbank Produces Tailored Solutions for EV Charging Network

The Scenario

In January 2015, Evergy (at the time, KCP&L*) announced its plan to develop the Clean Charge Network—an initiative that would rapidly expand its network of 40 public electric vehicle charging stations to nearly 1,000 stations. In order to accomplish this task, Evergy wanted a single device that incorporated meter and service panels to streamline construction. They required a solution that had a support structure to mount meters, disconnect switches and load panels.



Evergy's Clean Charge Network showing Milbank enclosed controls solutions.

The Product Solution

Milbank engineers worked closely with Evergy to design a safe, durable and sleek EV charging pedestal that had minimal impact on streetscapes. In addition to being UL listed, lockable and metered, the design included a distribution panel, disconnect and overcurrent protection. This helped save time, money and space and made for quick, repeatable installations. As the project evolved, Evergy needed different distribution variations and Milbank quickly produced solutions to fit their changing needs. **To complete the project, Milbank designed one consistent NEMA 3R enclosure with five unique internal configurations to address all Evergy requirements for the 1,000 charging stations.**

"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

*Kansas City Power & Light merged with Westar Energy to become Evergy in October 2019.