



EVERGY — TCC

ABOUT EVERGY

- In 2018, Westar and Great Plains Energy, the parent company of Kansas City Power & Light, merged to create Evergy.
- Serving 1.6 million customers, the company creates sustainable energy and solutions that meet residential and business needs in both Kansas and Missouri.
- With operations in Topeka, Kansas, and Kansas City, Missouri, Evergy employs nearly 5,000 people across its service area.

THE CHALLENGE

The Evergy Technical Control Center (TCC) in Kansas City, plays a vital role in the management of transmission lines at Evergy. In the TCC, technicians monitor the company's entire energy system, especially during threatening weather conditions, natural disasters and other incidents that impair the system. But the technology in the TCC had become outdated and difficult to maintain.

THE SOLUTION

Partnering with AVI Systems' Control Room Group, a specialized team consisting of highly skilled engineers and technicians, Evergy examined the facility design and technology used in the TCC.

The Technical Control Center features a large, curved video display wall that technicians use on a 24/7 basis to monitor and troubleshoot any issues that may occur in the 35,000 miles of transmission lines that Evergy operates.

AVI installed 24 new Barco Laser Light Engines into the video wall structure already in place, providing added brightness and color uniformity across the entire display wall. In addition, this process saved Evergy a considerable amount of money and provided an uninterrupted canvas for Evergy's EMS application.



Barco Laser Light Engines add brilliance to the large video wall structure in Evergy's Technical Control Center in Kansas City, Missouri.

THE RESULT

"The new video wall in the TCC provides techs with an updated, highly reliable video display system they can use to ensure mission critical operations," said Mike Scott AVI Systems Senior Account Manager. "Our relationship with Evergy also includes a 24/7 PRO Support agreement, which means AVI specialists are just a phone call away if an issue with the technology we installed develops."

HOW CAN WE HELP YOU? Call 855-521-0050 or visit avisystems.com for more information.