

Hot summer predicted; Evergy power plants, power grid ready

- Diverse generation sources, planned maintenance help meet summer demand.
- Equipment reserve, prioritization address supply chain constraints.
- Investment in modern grid reduces, shortens power outages.

KANSAS CITY, Mo. – June 6, 2022 — Evergy’s power plant fleet is ready to meet customers’ needs as forecasters predict a hotter than normal summer. Investment in power grid modernization will help ensure that power is delivered to homes and businesses. As supply chains across the nation and worldwide address shortages, Evergy is prioritizing emergency reserves for transformers and other critical inventory.

A diverse power supply including wind, nuclear, fossil fuels and solar, helps provide for a reliable supply of electricity during times of high demand. Evergy performs seasonal maintenance work on its power plants during the mild weather of spring and fall to help ready them to meet customer needs during the hot summer months, when air conditioning creates high demand for electricity. In addition, forward-looking preparation and established contracts help provide for fuel availability at competitive prices.

Amid worldwide supply chain constraints, Evergy’s supply chain team is working closely with vendors to maintain needed inventory to address repairs related to storms and other causes. During the past several months, we’ve worked to find alternate suppliers and products that meet our safety and quality standards, placed orders sooner because of longer lead times, maintained inventory for emergencies and adjusted how we work with developers who need infrastructure for new building.

“Evergy is committed to maintaining reliable, affordable electricity. From the power plants that generate electricity to the lines and transformers that are key parts of the system, our teams are working to make sure electricity is available when our customers need it,” said Chuck Caisley, senior vice president and chief customer officer.

By investing in power grid modernization and predictive maintenance programs, Evergy has been able to reduce the frequency and length of customer outages. Predictive maintenance can signal a piece of equipment needs to be replaced before it causes an outage. Sensors and special closures help pinpoint outage locations and isolate the area impacted allowing power to be restored faster.

Evergy is a member of the Southwest Power Pool (SPP), which helps coordinate power generation and transmission access over parts of the Midwest. If high temperatures or other conditions are expected to drive energy demand higher than normal, the SPP sends members alerts so they can work together to meet increased needs. This may include a wide range of preparation from increasing staff to preparing plants designed for peak use to generate.

About Evergy

Evergy, Inc. (NYSE: EVRG), serves 1.6 million customers in Kansas and Missouri. Evergy’s mission is to empower a better future. Our focus remains on producing, transmitting and delivering reliable, affordable, and sustainable energy for the benefit of our stakeholders. Today, about half of Evergy’s power comes from carbon-free sources, creating more reliable energy with less impact to the environment. We value innovation and adaptability to give our customers better ways to manage their energy use, to create a safe, diverse and inclusive workplace for our employees, and to add value for our investors. Headquartered in Kansas City, our employees are active members of the communities we serve.

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