



HOLCOMB SIDNEY

345-kV
HIGH VOLTAGE
TRANSMISSION LINE



Project Description

This project, directed by the Southwest Power Pool (SPP), involves building an approximately 360-mile-long new 345-kilovolt (kV) transmission line between Holcomb, Kansas, and Sidney, Nebraska. The goal is to strengthen the reliability of the electric grid and increase capacity across the region.

Sunflower Electric Power Corporation is working together with other utilities to complete this project. Sunflower's portion will include about 180 miles from Holcomb, Kansas, to the Kansas-Colorado border near the South Fork Republican River.



Project Purpose

SPP regularly studies the regional power grid to plan for future needs and make sure electricity stays reliable and affordable. Through this planning process, SPP identified the Holcomb to Sidney 345-kV transmission line as an important project to strengthen the electric grid in Sunflower's service area.

This project will help:

- **Improve reliability** so power can stay on even during severe winter weather events, like Winter Storm Uri in 2021.
- **Increase capacity** to deliver available generation and future energy sources.

Overall, this project is a key step toward building a stronger, more resilient electric transmission system for the communities we serve.

PROJECT TIMELINE



PROJECT MAP

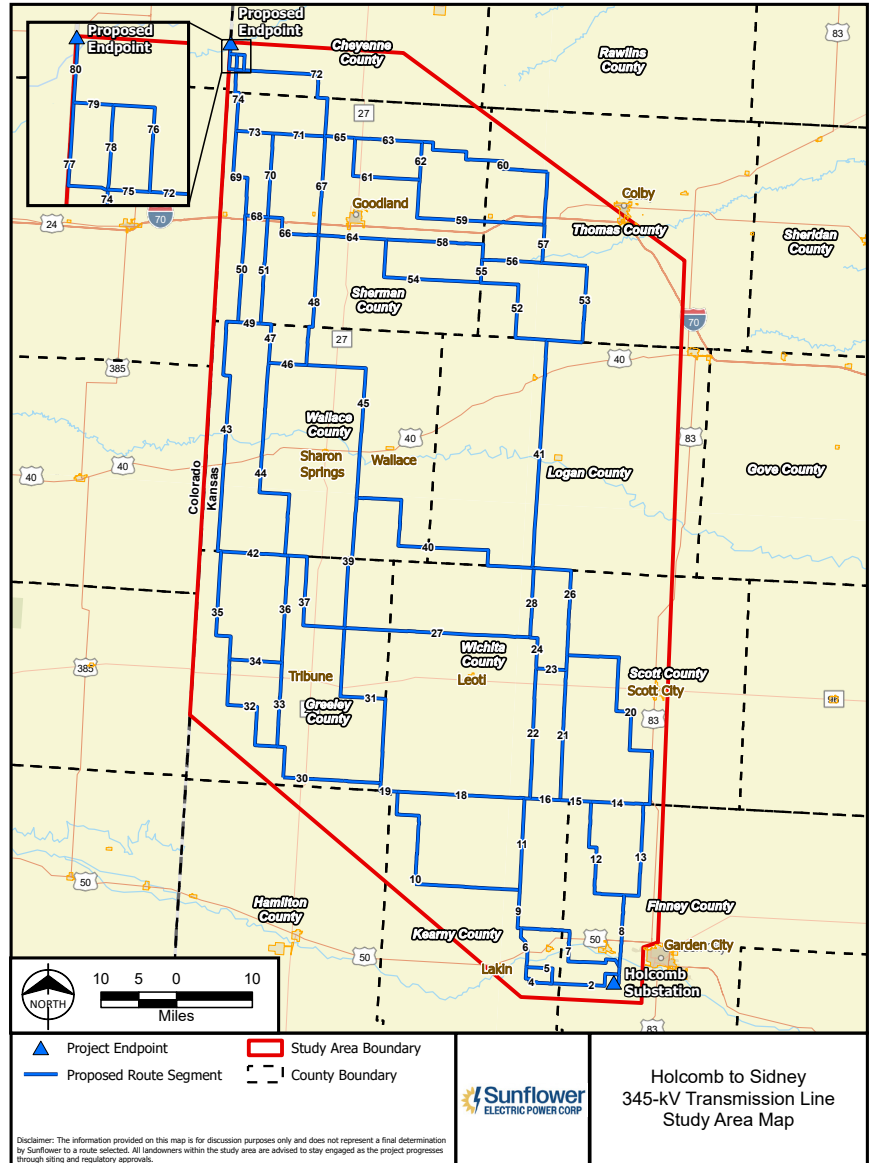
Location

Several potential routes are being evaluated based on engineering feasibility, land use, environmental impact, and public input. The determination of the final route will evaluate technical requirements with community and environmental considerations.

Community and Economic Development

The Holcomb to Sidney 345-kV transmission line is more than an infrastructure project, it's a long-term investment in the region's economic future. While the line will enhance the reliability and resiliency of the regional electric grid, it also brings substantial local, county, and state benefits. During construction, the project will generate jobs and drive increased demand for goods and services in nearby communities, supporting local businesses and workforce opportunities.

Beyond construction, the transmission line has the potential to serve as a catalyst for lasting economic growth. It will improve access to the electric grid, create long-term employment opportunities, and boost local economies.



PROJECT CONTACT

(785) 301-0070
www.sunflower.net/interconnection-guidelines/holcomb-sidney
contact@holcombsidneyline.com



Sunflower Electric Power Corporation is a wholesale electric generation and transmission utility headquartered in Hays, Kansas. Sunflower is governed by six electric distribution cooperatives and one wholly owned subsidiary. Together, these members serve communities in 58 counties across central and western Kansas. Sunflower is committed to serving the needs of our members and their rural Kansas communities by providing affordable, reliable wholesale power.