

POTTER-CROSSROADS-PHANTOM 765-KV TRANSMISSION LINE PROJECT

PROJECT OVERVIEW

Project Details

- Description:** New 765-kilovolt (kV) line from existing Potter Substation to existing Crossroads Substation
Approximate Length: 180 miles
Location: Potter County, Texas to Roosevelt County, New Mexico
- Description:** New 765-kV line from existing Crossroads Substation to existing Phantom Substation
Approximate Length: 150 miles
Location: Roosevelt County, New Mexico to Eddy County, New Mexico
- Description:** Three new 345-kV lines from existing Potter Substation to new Tecovas Substation
Approximate Length: 22 miles
Location: Potter County, Texas to Randall County, Texas
- Description:** Three new 345-kV lines from existing Phantom Substation to new Bandit Substation
Approximate Length: 9 miles
Location: Eddy County, New Mexico

Anticipated Schedule

(Schedule is subject to change.)



Routing & Siting Studies
Q1 2025 - Q1 2028



Public & Agency Outreach
Q4 2025 - Q3 2028



Land Acquisition
Q3 2026 - Q1 2029



Construction
Q1 2029 - Q2 2031



In Service
5/15/31

PROJECT DESCRIPTION

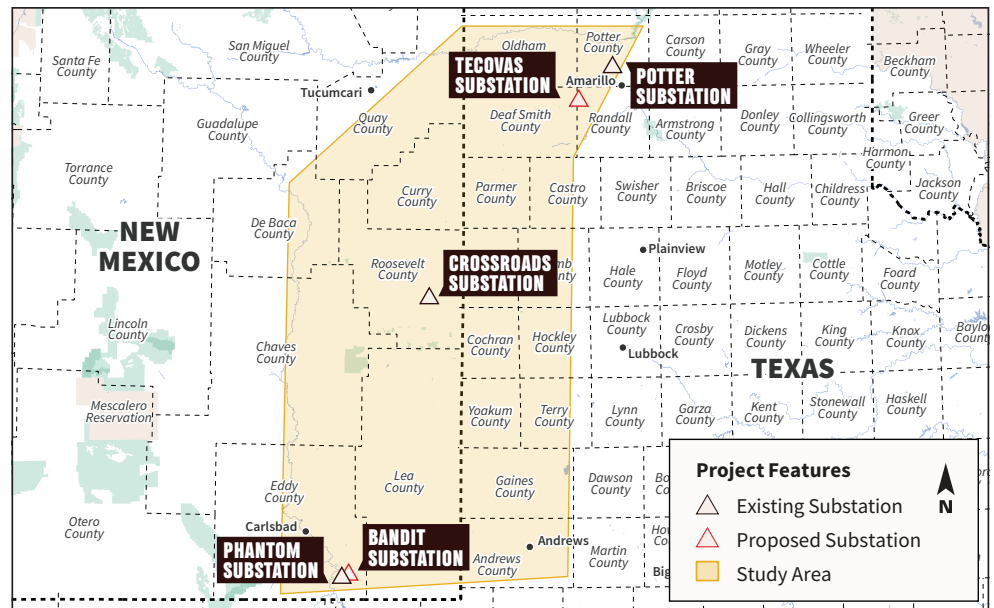
Southwestern Public Service Company (SPS), a subsidiary of Xcel Energy Inc., is proposing to construct and operate the Potter – Crossroads – Phantom 765-kV project (Project) to enhance electric reliability across Texas and New Mexico. The proposed Potter – Crossroads – Phantom 765-kV transmission line will extend from Amarillo, Texas, to south of Portales, New Mexico, and continue to the southern part of Lea County in southeastern New Mexico. SPS also plans to construct six additional 345-kV transmission lines and two new substations – one in southeastern New Mexico and the other in western Texas.

This project was identified by the Southwest Power Pool (SPP) as part of its 2024 Integrated Transmission Plan Assessment, a study performed to identify projects to enhance reliability and expand the grid across the 14 states that comprise the SPP footprint. The Project is essential to ensuring electric reliability as the region continues to grow and will be particularly critical in meeting the demands of new load growth.

The Project will require approvals from both the Public Utility Commission of Texas (PUCT) and the New Mexico Public Regulation Commission (NMPRC). It will cross privately owned land as well as land managed by the Bureau of Land Management (BLM) and the New Mexico State Land Office (NMSL). Because portions of the Project will cross federally administered land, SPS will submit a right-of-way application to the BLM for authorization to construct and operate the Project on these lands. In response, the BLM will initiate environmental reviews and prepare documentation in accordance with the National Environmental Policy Act (NEPA).

PROJECT NEED

The Potter – Crossroads – Phantom 765-kV line project is needed to support new load growth in the SPS region. SPS's Texas and New Mexico service territory is seeing unprecedented demand due to new manufacturing, oil and gas growth and the increasing needs of existing customers and communities. The Project will not only make the electric grid more reliable but also support the growing economy in the SPS service territory. The Project ensures that SPS can meet customers energy needs and contribute to the economic development of the region.



For more information, visit xcelenergytransmission.com/potter-crossroads-phantom

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