

Curry-Bailey 115 kV transmission line project

Project overview

The Curry-Bailey transmission line project is located in Curry and Roosevelt counties, New Mexico and Bailey and Parmer counties, Texas. The project proposes to build 40 to 50 miles of new 115 kV single circuit, steel single pole electric transmission line.

Project quick facts

Voltage: 115 kV line

Length: 40 to 50 miles

Cost: Approximately \$32 million

Targeted in-service: 2015

The exact length of the line depends on the route approved by the Public Utility Commission of Texas (PUC). The 115 kV line will connect the existing Xcel Energy Curry Substation located approximately 1.5 miles east of Clovis, New Mexico to the existing Xcel Energy Bailey Substation located one mile south of Muleshoe, Texas. The project will require the expansion of the two substations and the relocation of a half mile of existing 230 kV transmission line near the Bailey Substation. The project will provide an additional 115 kV line into the Bailey Substation.

The proposed 115 kV line will be constructed of single pole steel structures. The structures will be 70 to 140 feet tall with a 70-foot right-of-way; the average span between structures will be 650 feet.

Project need

Currently, a loss of the existing 115 kV line into the Bailey Substation causes the lower voltage lines that feed the substation to become de-energized which can cause reliability issues in the area. Additionally, the proposed 115 kV line will improve system reliability as customer load growth and new generation resources are added to the transmission grid in the Clovis and Muleshoe area.

Regulatory process

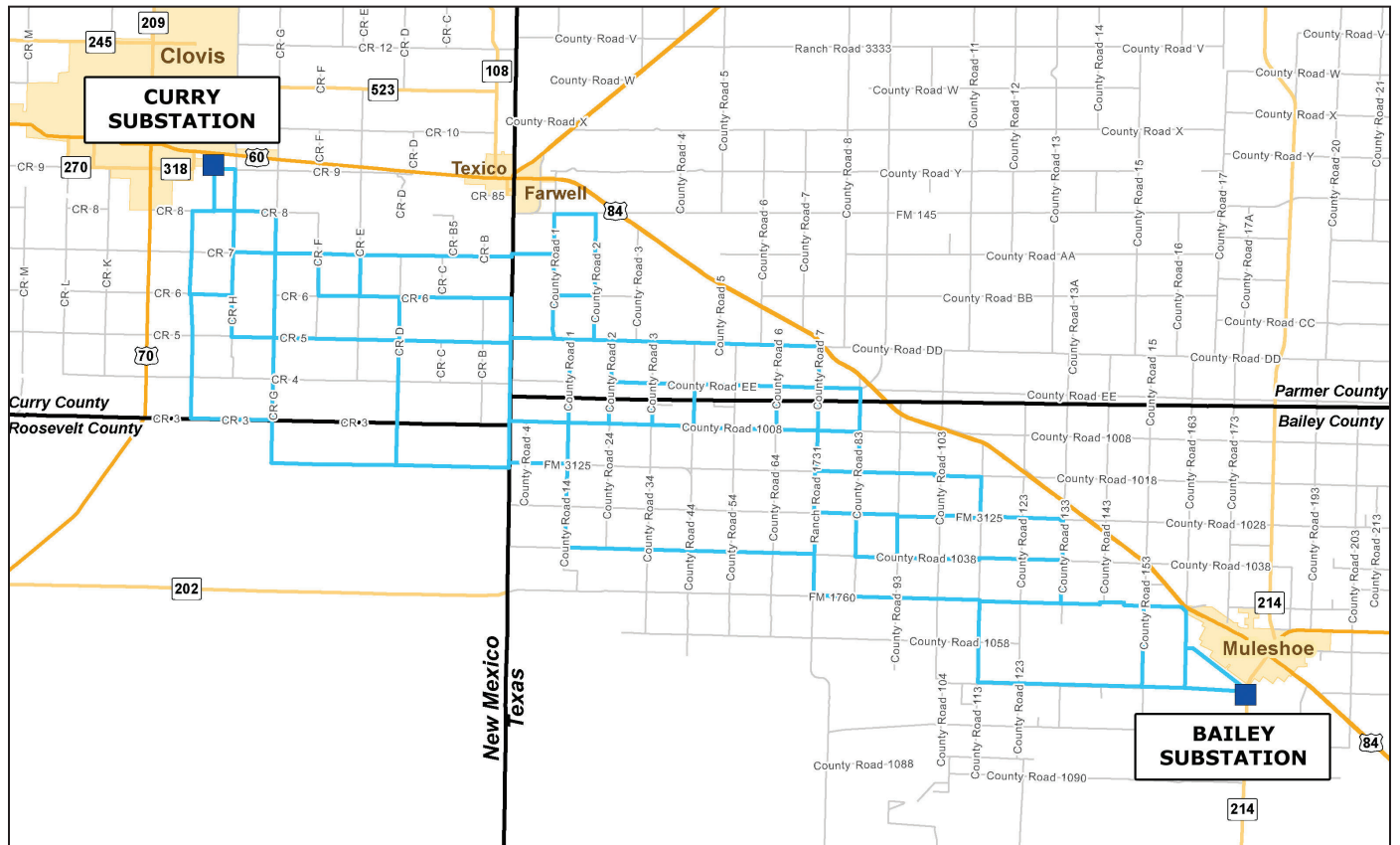
The Public Utility Commission of Texas must grant a Certificate of Convenience and Necessity (CCN) before construction. The CCN process determines the project need and impact as well as the line characteristics, such as substations and end-points, and the line route. Xcel Energy plans to file a CCN with the PUCT and the necessary regulatory documents with the New Mexico Public Regulation Commission in late 2013. Visit the PUCT website at www.puc.texas.gov or call (512) 936-7000 for more information.

About Power for the Plains

In spring 2010, the Southwest Power Pool Inc. (SPP) approved a series of new transmission lines in several states, including Texas, New Mexico and Oklahoma, to help improve electric reliability, strengthen the existing transmission grid and provide outlet for additional renewable wind generation.

As a member of SPP, Xcel Energy proposes to build more than \$1 billion in new transmission lines and related facilities over the next five years. For additional information on the Power for the Plains projects visit www.powerfortheplains.com.

Curry-Bailey 115 kV transmission line project preliminary route segments



Legend

- Substation
- Potential 115 kV Segment
- City

Contact us

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