

CRUCE - DEL SOL

TRANSMISSION IMPROVEMENTS PROJECT



AEP Texas, Electric Transmission Texas (ETT) and South Texas Electric Cooperative (STEC) are developing the Cruce - Del Sol Transmission Improvements Project, a new overhead electric transmission line in south Texas designed to strengthen the electric grid to help withstand weather impacts, decreasing the likelihood and duration of community-wide outages.



WHAT

- The project involves:
- Building approximately 57 miles of double-circuit 345-kilovolt (kV) transmission line from ETT's Del Sol Substation to AEP Texas' future Cruce Substation.
 - Expanding the ETT Del Sol Substation, located near Rio Grande City.
 - Building of AEP Texas' future Cruce Substation located near Hebbronville.

AEP Texas, ETT and STEC officials plan to file an application to amend their Certificate of Convenience and Necessity (CCN) with the Public Utility Commission of Texas (PUC) after taking public input on potential line routes. Project representatives expect to file a CCN application in 2023.

WHY

In late 2021, the PUC and Electric Reliability Council of Texas (ERCOT) identified the need for additional transmission lines in south Texas. The PUC is the state agency that regulates transmission and distribution companies, including AEP Texas, ETT and STEC, and oversees ERCOT. ERCOT endorsed the need for the project in its role as the state's grid operator to support safe, reliable power delivery for customers across south Texas.

The Cruce - Del Sol Transmission Improvements Project benefits south Texas by:

- Improving regional reliability and resiliency with the addition of a new 345-kV transmission line and a new substation.
- Helping strengthen the power grid against severe weather events.
- Reducing the likelihood and duration of wide, community-sustained outages.
- Providing additional capacity for growth and economic development.

WHERE

The project area includes: Brooks County, Duval County, Jim Hogg County and Starr County.

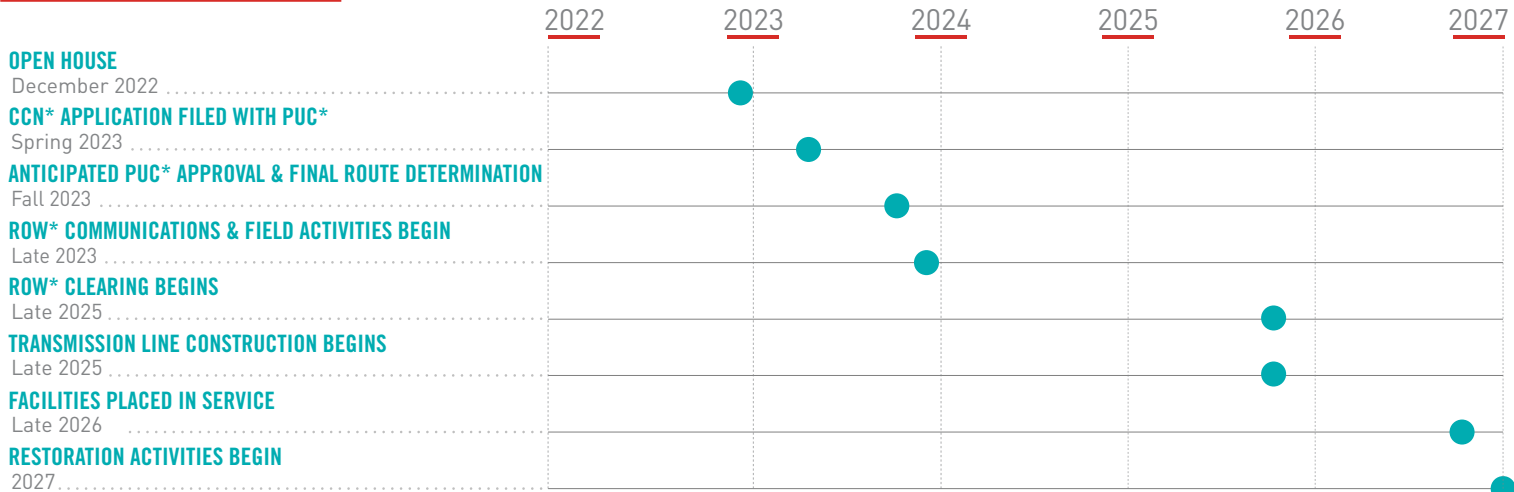
How Preliminary Route Links are Created

Each preliminary route link represents an option for the PUC to consider when selecting a final transmission line route. To determine the preliminary route links, AEP Texas, ETT and STEC project teams:

- Establish a geographical study area that includes the endpoints for the proposed transmission line.
- Evaluate the area inside the study area, accounting for impacts to landowners, land use, existing buildings and infrastructure, geographical features, other utilities, oil and gas pipelines, and many other factors.
- Analyze information gathered to produce possible routes, broken into sections called preliminary route links.

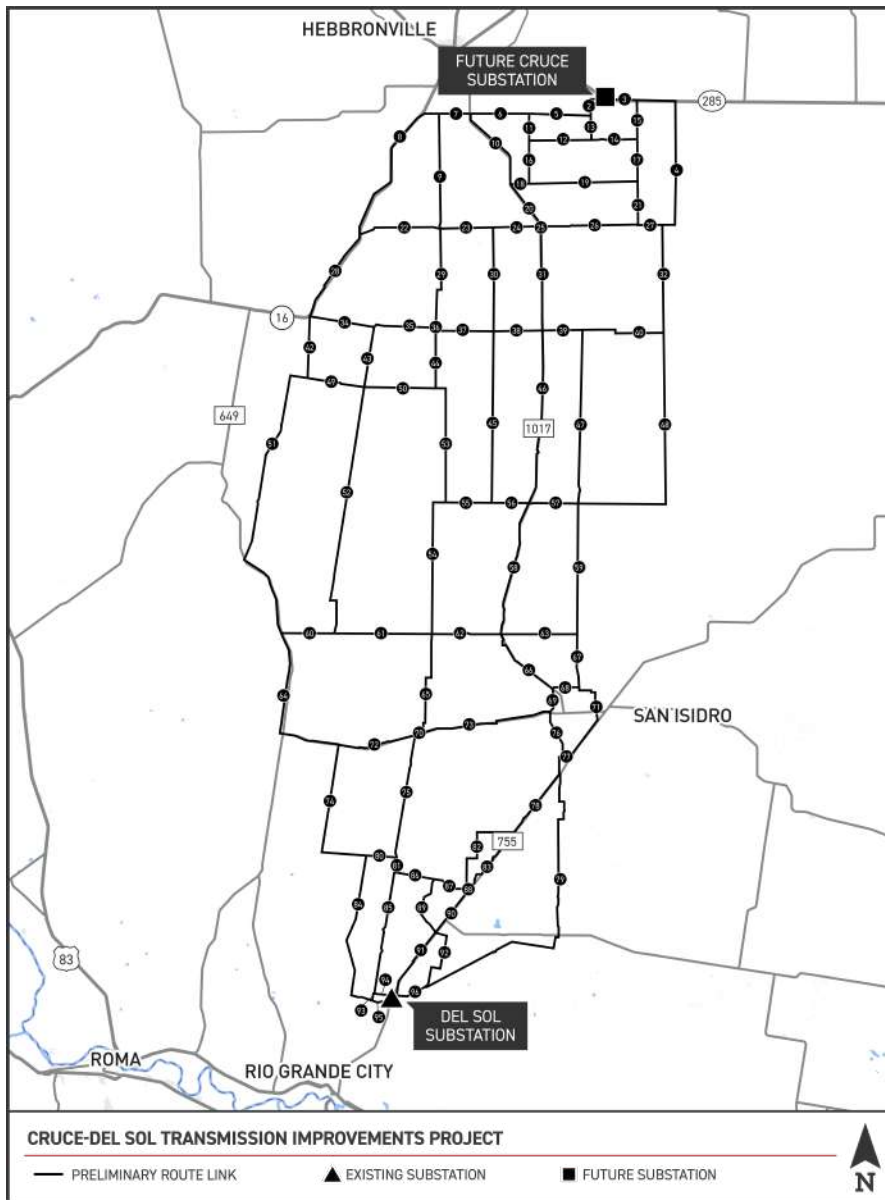
Landowner feedback is critical because it allows AEP Texas, ETT and STEC to further define the preliminary route links before they are submitted to the PUC as part of the CCN application.

PROJECT SCHEDULE



*CCN: Certificate of Convenience and Necessity; PUC: Public Utility Commission of Texas; ROW: Right-of-Way

**Timeline subject to change.



TYPICAL STRUCTURES

Typical Height: **140 feet**

Typical Distance Between Structures:

Monopole: Approximately 800 - 1,000 feet

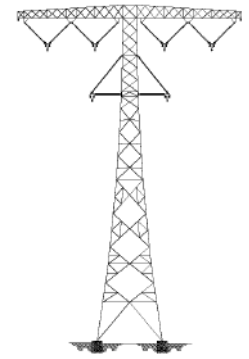
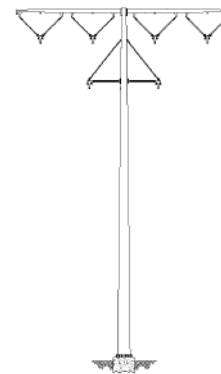
Lattice: Approximately 1,200 - 1,400 feet

Typical Right-of-Way Width: **150 feet**

Representative structure, exact height and right-of-way requirements may vary based on geography and other factors.

Typical regional farming practices can continue within the right-of-way, right up to the structure.

AEP Texas, ETT and STEC treat people and the environment with respect in constructing new facilities by prioritizing proactive and early engagement with landowners and stakeholders and working with local, state and federal agencies.



STAY UPDATED ON THE PROJECT

LEARN MORE ABOUT THE PROJECT AND SUBMIT COMMENTS FOR CONSIDERATION

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