CRUCE - REFORZAR

TRANSMISSION IMPROVEMENTS PROJECT

AEP TEXAS
An AEP Company

AEP Texas is developing the Cruce - Reforzar 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 40 miles of double-circuit 345-kilovolt (kV) transmission line from AEP Texas' future Cruce Substation near Hebbronville to the future Reforzar Substation near Falfurrias.
- Building of AEP Texas' future Cruce Substation, located near Hebbronville.
- Building of AEP Texas' future Reforzar Substation, located near Falfurrias.

AEP Texas 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, 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 - Reforzar 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.
- Strengthening 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:
Duval, Jim Wells, Jim Hogg, Brooks and Kleberg Counties

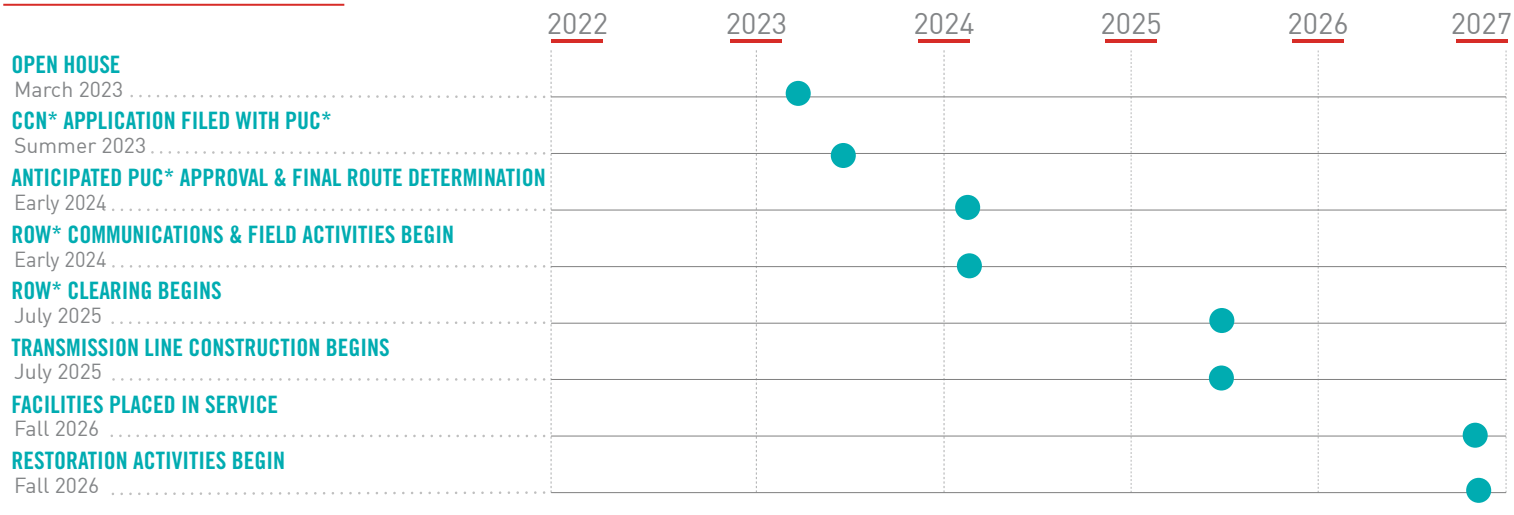
How Preliminary Route Links are Created

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, the AEP Texas project team:

- Establishes a geographical study area that includes the endpoints for the proposed transmission line.
- Evaluates 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.
- Analyzes information gathered to produce possible routes, broken into sections called preliminary route links.

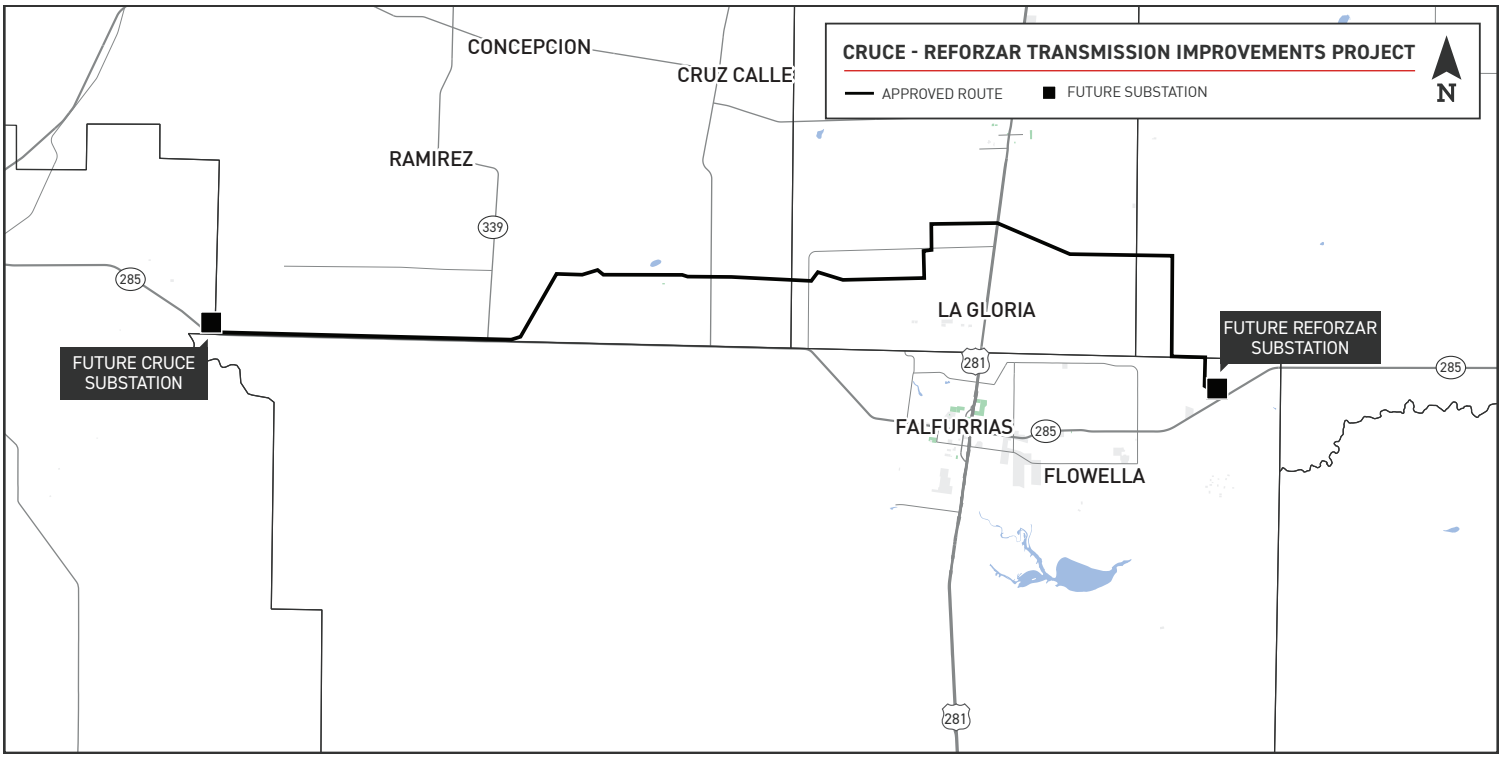
Landowner feedback is critical because it allows AEP Texas to further define the preliminary route links before they are submitted to the PUC as part of the CCN application.

PROJECT SCHEDULE



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

**Timeline subject to change.



TYPICAL STRUCTURES

The new structures will include AEP's BOLD (Breakthrough in Overhead Line Design) technology, which is capable of operating more efficiently than conventional transmission pole designs.

Typical Height: 140 feet
Typical Distance Between Structures: Approximately 1,200 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 treats 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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