

CRUCE - REFORZAR

TRANSMISSION IMPROVEMENTS PROJECT



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 Hebbbronville to the future Reforzar Substation near Falfurrias.
- Building of AEP Texas' future Cruce Substation, located near Hebbbronville.
- 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. The PUC approved the project and line route in January 2024.

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

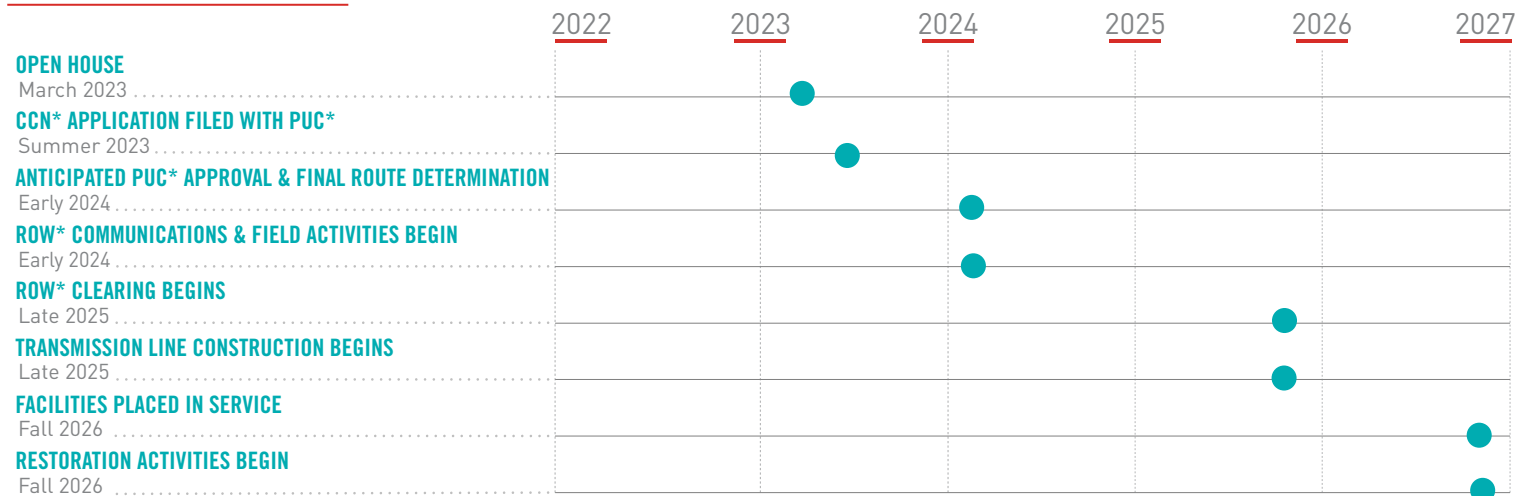
BEFORE CONSTRUCTION

A right-of-way agent may contact you if AEP Texas needs to acquire an easement on your property. You will also be contacted should crews need to access your property for survey work or construction.

Some pre-construction activities include:

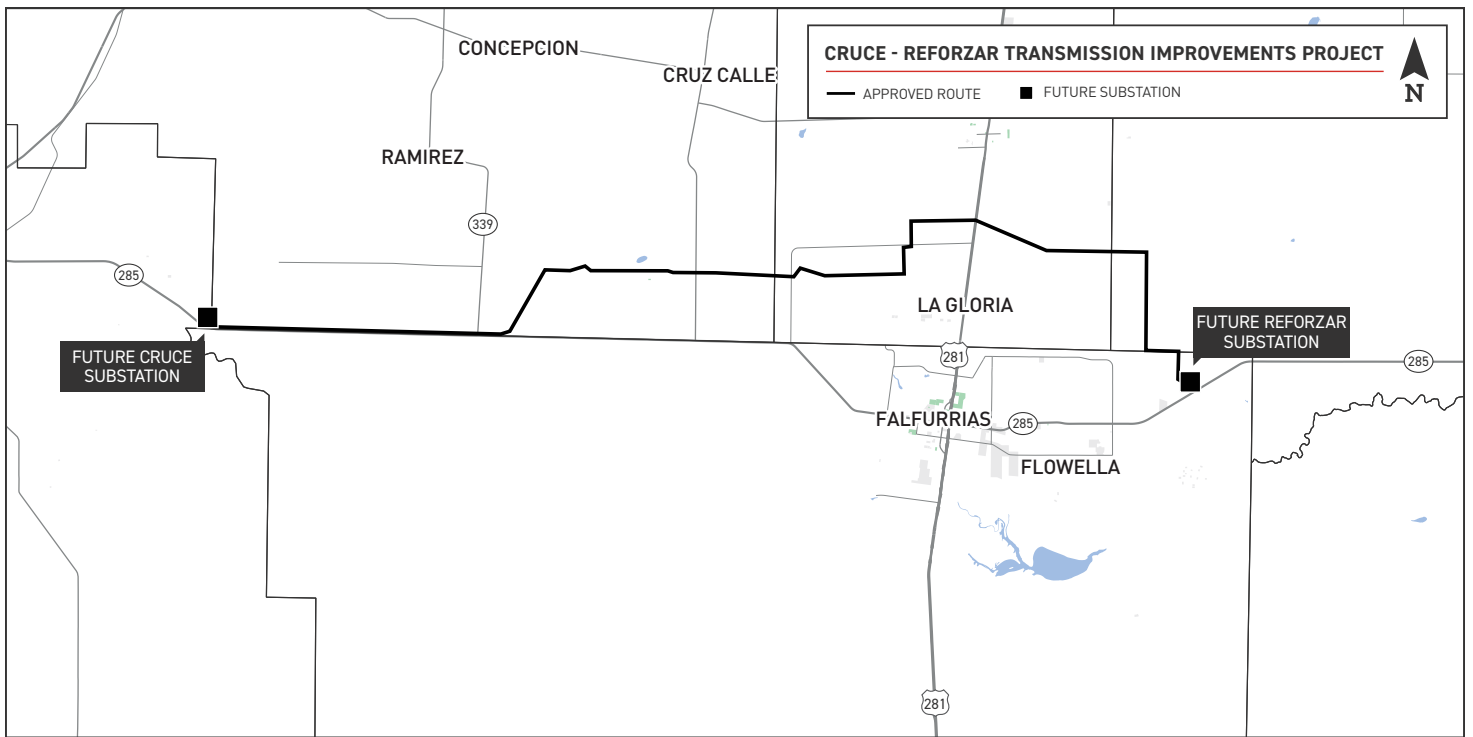
- Removing or trimming vegetation, and removing or relocating non-habitable structures from the right-of-way.
- Installing temporary gates, fencing and access roads.
- Installing culverts for water management.

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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