

Frontera – Key Switch Transmission Improvements Project

AEP Texas representatives plan transmission system improvements in Hidalgo County to support increasing new electric demand and maintain reliable service across the region.

What

The project involves:

- Rebuilding approximately 9 miles of existing 138-kilovolt (kV) transmission line between the Frontera Substation and the Key Switch Substation.
- Upgrading equipment at Frontera Substation and Key Switch Substation to meet current AEP engineering and operational standards.
- Rerouting the line from the Frontera Switch Substation to the Key Switch Substation.

AEP Texas representatives plan to apply for a Certificate of Convenience and Necessity (CCN) application with the Public Utility Commission of Texas (PUCT) following a review of public input on route link development and additional route analysis. Project representatives expect to file a CCN application by early 2027. The PUCT determines the final route.

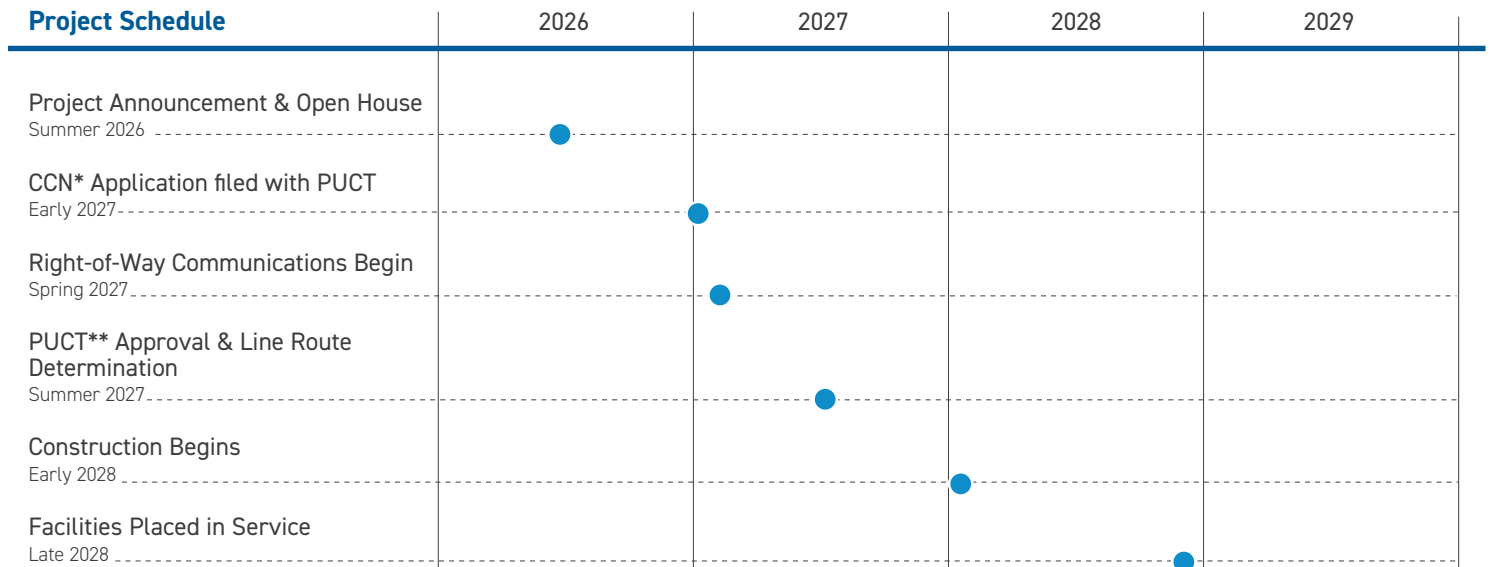
Why

The project provides additional electric capacity to support and meet the economic growth and development in the Rio Grande Valley region.

Where

The project area includes the cities of Palmview, Alton and Palmhurst in Hidalgo County.

Project Schedule



*Timeline subject to change.



Typical Structures

AEP Texas representatives plan to use steel monopoles as the primary structures on this project.

Typical Structure Height:

85 - 110 feet*

Typical Distance Between Structures:

350 - 600 feet*

Typical Right-of-Way Width:

100 feet*



*Exact structure, height, and right-of-way requirements may vary.



We value your input. Please send comments and questions to:

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[AEPTexas.com/Frontera-Key](https://www.aeptexas.com/frontera-key)

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