

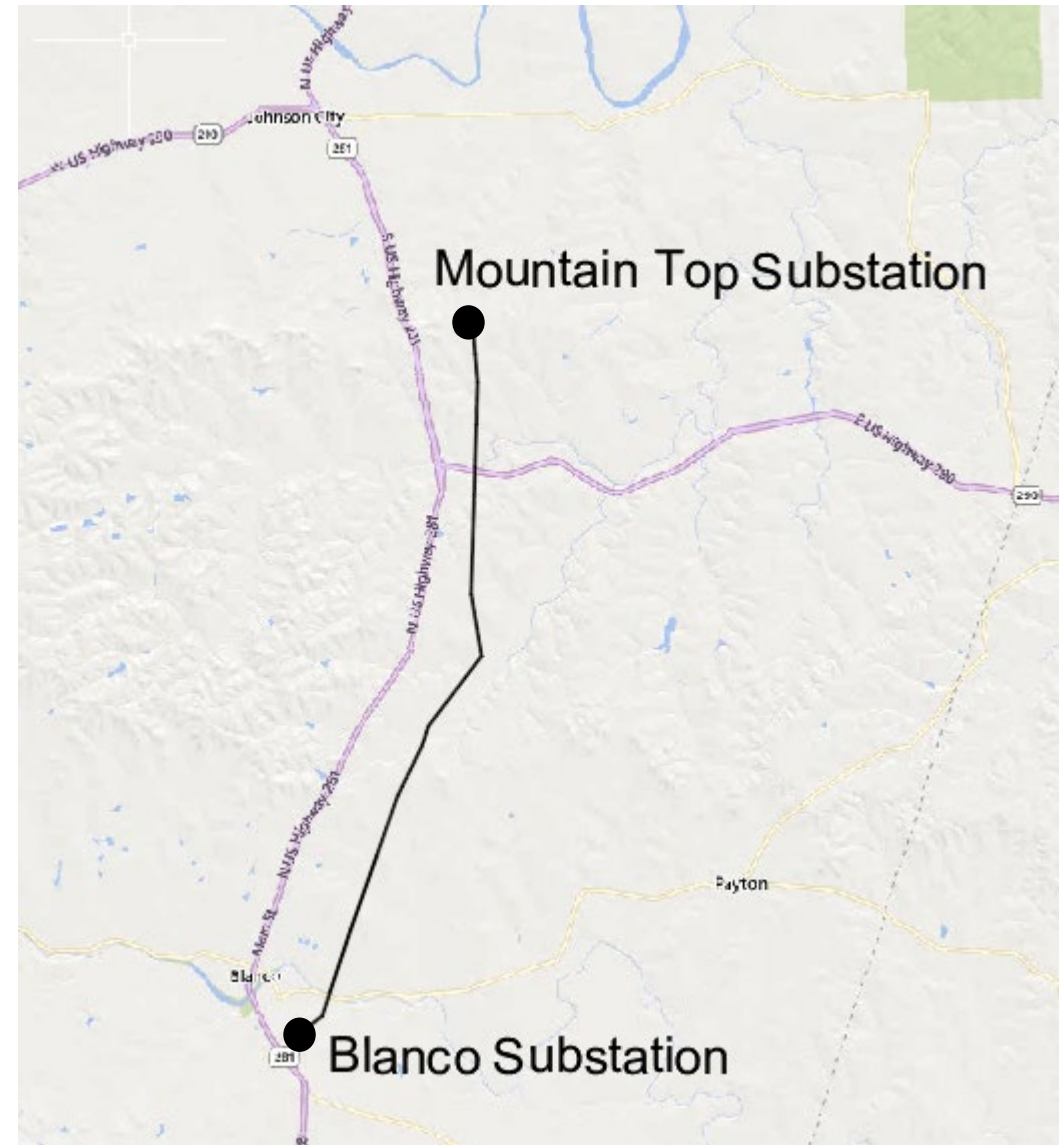


Final Resolution – Approval of Construction Contract for Blanco to Mountain Top (T587) Overhaul

Jonathan Greene | Chief Operations Officer - Transmission

Blanco - Mountain Top Line Overhaul

- Project approved in 2024 Capital Improvement Plan
- Replace 11.25 miles of existing wood 69 kV transmission line with a steel 138kV line between the Blanco and Mountain Top substations located in Blanco County
- Convert from 69kV to 138kV and increase capacity on the transmission line
- Recommend awarding construction contract to Axis Power, LLC
- Construction to begin May 2025



Blanco - Mountain Top Line Overhaul

Double Circuit Tangent



Easement Summary

- Typical easement width on this line is 100-ft wide.
- No additional easements required.
- No amendments to existing easements are required to construct this project.

Note: One circuit will be installed initially on this project.

Blanco - Mountain Top Line Overhaul

Line Length: 11.25 miles

Existing:

Voltage: 69-kV

Capacity: 42 MVA

Structure Type: Wood Poles

Conductor: Penguin, 4/0 ACSR 6/1 per phase

Shield Wire: 3/8" Steel

Rebuild:

Voltage: 138-kV

Capacity: 439 MVA

Structure Type: Steel Poles

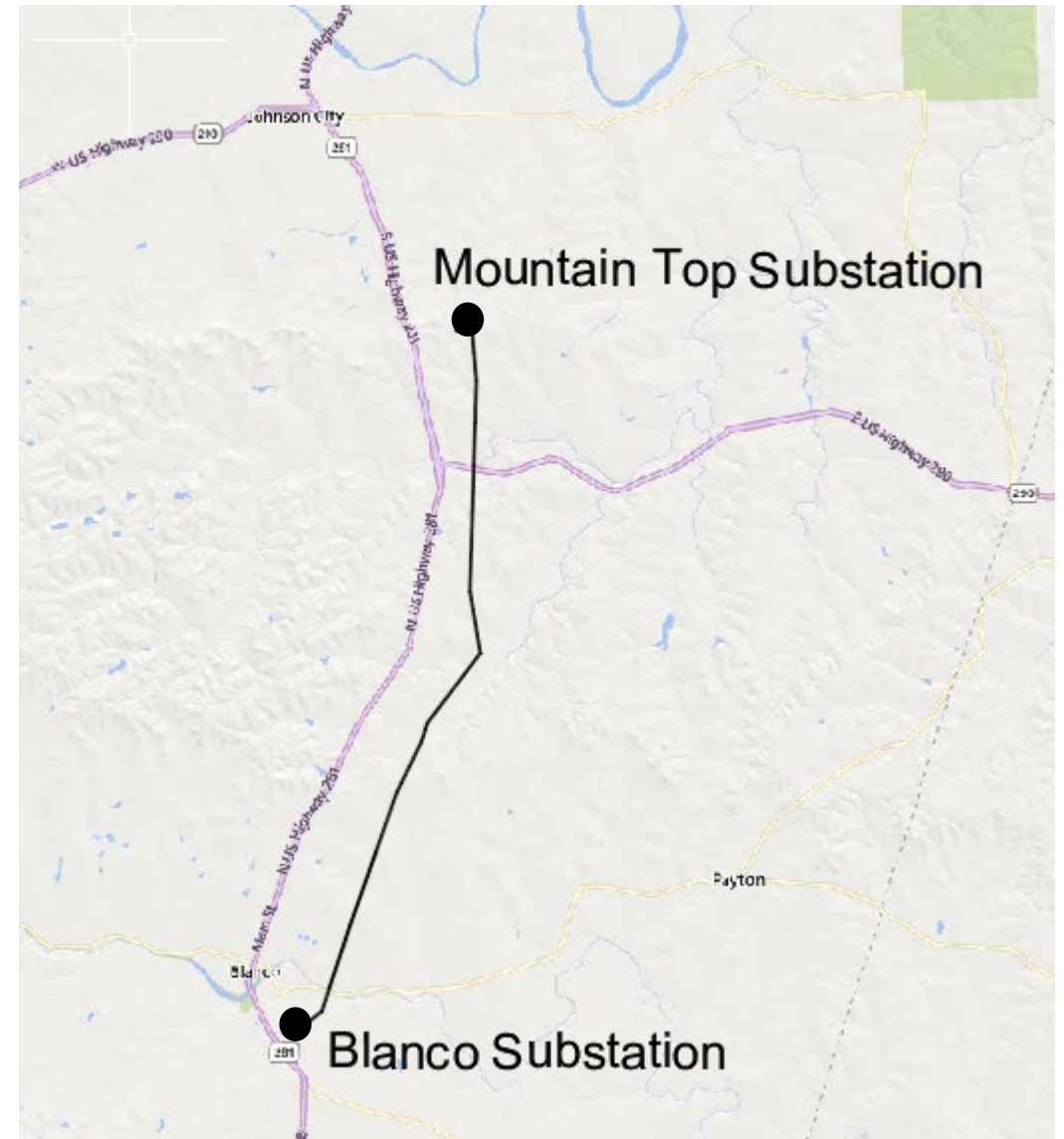
Conductor: 2x795 kcmil ACSR per phase

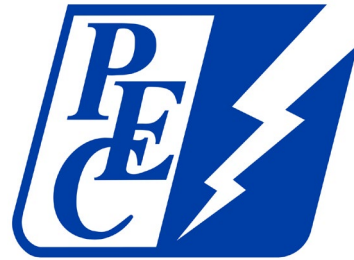
Shield Wire: OPGW

Schedule: Construction Spring 2025/Winter 2025

Notes:

PEC will replace 11.25 miles of existing wood pole 69 kV transmission line located in Blanco County with a single circuit 138kV line between the Blanco and Mountain Top substations. The new structures will be steel monopole structures with the ability to support two circuits of bundled 795 kcmil "drake" ACSR conductor and a two 144 strand OPGW shield wire. The project is to convert the 69kV line to 138kV and increase capacity on the transmission line.





PEDERNALES ELECTRIC COOPERATIVE