

T365 Wirtz to Flatrock to Paleface Transmission Line Rebuild

Project Location

Existing:

Voltage: 138-kV

Capacity: 130 MVA

Structure Type: Single Wood Pole and Single Steel Pole

Conductor: 1x336 kcmil ACSR per phase

Shield Wire: 3/8" Steel

Length: 17.4 miles

Rebuild:

Voltage: 138-kV

Capacity: 440 MVA

Structure Type: Single Steel Pole,

Conductor: 2x795 kcmil ACSR per phase

Shield Wire: OPGW

Length: 17.4 miles

Schedule: Fall/Winter 2021

Notes: Located in Marble Falls District

Approximately 50% of the wood structures were replaced with steel pole structures as part of a line rehabilitation project in 2018.

The project is identified as an exit plan for an existing Remedial Action Scheme implemented at ERCOT.

Three crossings of Lake Marble Falls are in need of raising in order to comply with NESC requirements.

Upgrade being constructed within the area currently occupied by the existing transmission line wherever possible.

PEC is installing breakers at Paleface Substation.

The drawing to the right shows the general location of the project.

