

Transmission Line

Entergy Texas plans to construct and operate a single pole, double-circuit 138kV transmission line from the New Caney - Porter 138kV Transmission Line, in the vicinity of New Caney, Texas to the new Millbend Substation near Porter, Texas.

- Structure Type Typically single pole, double circuit concrete or steel
- Structure Height 80 to 130 feet
- Minimum Ground Clearance 26 to 35 feet
- Right-of-way width 60 to 100 feet
- Average Span Length 500 to 800 feet
- Structures Per Mile 8 to 10 structures
- Structure Diameter 36 to 60 inches at ground level
- Structure color Gray

Millbend Substation

The work at the new Millbend Substation will be new construction on property acquired by Entergy. A 138/34.5kV substation will be required to facilitate installing the proposed 138kV line as well as the distribution feeders that will provide power to the area. Two 50MVA power transformers will be installed to facilitate connecting the new 138kV line to the distribution network. The substation will include space to add an additional 50MVA distribution transformer to facilitate continued growth in the area.

- Structure Type Tubular Steel (Low Profile)
- Structure Height 8 to 75 feet
- Structure color Gray
- Security 7-foot chain link fence