Purpose and need

Southline to Jacinto 138 kV Transmission Line Project

What is the Southline to Jacinto 138 kV Transmission Line Project?

The Southline to Jacinto 138 kV Transmission Line Project (Project) consist of a new 138 kV single pole/single-circuit transmission line that will connect to the existing Entergy Texas, Inc. (ETI) Jacinto Substation to the existing Southline Substation. The existing Southline Substation is located approximately two miles northwest of the intersection of United States Highway (US) 59 and State Highway 105. The existing Jacinto Substation is located approximately two miles north-northeast of the intersection of US 59 and Farm-to-Market Road 2025. The new transmission line could be approximately 6 to 10 miles in length and follow a path through Liberty and San Jacinto Counties, depending on the route ultimately approved by the Public Utility Commission of Texas (PUCT).

What is the purpose and need of the Southline to Jacinto 138 kV Transmission Line Project?

The primary purpose of the Project is to prevent contingent low voltage and thermal overloads as well as benefit load serving capability in Liberty and San Jacinto counties driven by commercial and residential growth in the area. To accomplish this, a new transmission line, to be called "Southline to Jacinto", is needed to provide electric service to support the load growth in the area.

The proposed project will require the following scopes of work:

(1) Design and build the new Southline to Jacinto 138 kV Transmission: The connecting transmission line will be a new single pole, single-circuit 138 kV transmission line that would connect from the existing Southline Substation to the existing Jacinto Substation.

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