

Purpose and need

Sabine Pass 230 kV Substation and Transmission Line Project

What is the Sabine Pass 230 kV Substation and Transmission Line Project?

The Entergy Texas, Inc. (ETI) Sabine Pass 230 kilovolt (kV) Substation and Transmission Line Project (Project) consists of a new 230 kV single pole/double-circuit transmission line that will cut-in to the existing Sandling to Keith Lake 230 kV Transmission Line and extend the transmission line to the proposed Sabine Pass Substation in Jefferson County. The Sabine Pass Substation is planned to be located approximately 0.58 mile east of the intersection of Texas State Highway 87 and Farm-to-Market Road 3322. The new transmission line could be approximately six miles in length and follow a path through Jefferson County until it reaches the new Sabine Pass Substation, depending on the route ultimately approved by the Public Utility Commission of Texas (PUCT).

What is the purpose and need of the Sabine Pass 230 kV Substation and Transmission Line Project?

The primary purpose of the Project is to provide electric service to a new natural gas liquids (NGL) export terminal that will be constructed adjacent to the Sabine Pass Channel in Jefferson County, Texas. To accomplish this, a new substation, to be called “Sabine Pass Substation,” is needed to provide the requested load capacity. The location of Sabine Pass Substation is therefore determined by the NGL facility site.

The proposed project will require the following scopes of work:

1) Design and build the new Sabine Pass 230 kV Substation: The Sabine Pass Substation will be a new 230 kV substation that will facilitate the installation of the proposed new 230 kV line extension.

2) Design and build the new Sabine Pass 230 kV Transmission Loop Extension: The connecting transmission line will be a new single pole, double-circuit 230 kV transmission line that would “cut-in and out” and extend ETI’s existing Sandling to Keith Lake 230 kV transmission line and connect into the Sabine Pass Substation. ETI intends for the cut-in along Sandling to Keith Lake 230 kV transmission line to be located near ETI’s existing Keith Lake Substation.