Sabine Pass substation and transmission line project evaluation criteria

Land use

01 Length of alternative route
02 Number of habitable structures[1] within 300 feet of the route centerline
03 Length of route utilizing existing electric facility right-of-way (ROW)
04 Length of route parallel to existing electric facility ROW
05 Length of route parallel to other existing compatible ROW (roads, highways, railway, or telephone utility ROW, etc.)
06 Length of route parallel to apparent property lines[2] (or other natural or cultural features)
07 Sum of evaluation criteria 3, 4, 5 and 6
08 Percent of evaluation criteria 3, 4, 5 and 6
09 Length of route parallel to pipeline ROW
10 Length of route across parks/recreational areas[3]
11 Number of additional parks/recreational areas[3] within 1,000 feet of the route centerline
12 Length of route across cropland
13 Length of route across pasture/rangeland
14 Length of route across land irrigated by traveling systems (rolling or pivot type)
15 Length of route across gravel pits, mines, or quarries
16 Number of pipeline crossings
17 Number of electric transmission line crossings
18 Number of Interstate (IH), US Highway (US Hwy), and State Highway (SH) crossings
19 Number of Farm-to-Market (FM) or Ranch-to-Market (RM) road crossings
20 Number of private use airstrips within 10,000 feet of the route centerline
21 Number of heliports within 5,000 feet of the route centerline
22 Number of FAA registered airports[4] (runways >3,200 feet) within 20,000 feet of the route centerline
23 Number of FAA registered airports[4] (runways <3,200 feet) within 10,000 feet of the route centerline
24 Number of commercial Amplitude Modulation (AM) radio transmitters within 10,000 feet of the route centerline
25 Number of Frequency Modulation radio (FM radio), microwave towers, etc. within 2,000 feet of the route centerline
26 Number of existing water wells within 200 feet of the route centerline
27 Number of oil and gas wells within 200 feet of the route centerline

Aesthetics

28 Estimated length of route within foreground visual zone[5] of US, Interstate, and State highways
29 Estimated length of route within foreground visual zone[5] of FM/RM roads
30 Estimated length of route within foreground visual zone[5] of parks/recreational areas[3]

Ecology

31 Length of route across bottomland/riparian forest
32 Length of route across upland forest
33 Acreage of route across National Wetland Inventory (NWI) mapped forested or scrub/shrub wetlands
34 Acreage of route across NWI mapped emergent wetlands
35 Length of route across known critical habitat of federally-listed threatened or endangered species
36 Length of route across open water (lakes, ponds, etc.)
37 Number of stream/canal crossings
38 Number of navigable waterway crossings
39 Length of route parallel (within 100 feet) to natural streams or rivers
40 Length of route across FEMA mapped 100-year floodplains

Cultural resources

41 Number of cemeteries within 1,000 feet of the route centerline
42 Number of recorded historic or archaeological resources crossed by route
43 Number of additional recorded historic or archaeological resources within 1,000 feet of route centerline
44 Number of resources determined eligible for or listed on the National Register of Historic Places crossed by route
45 Number of additional resources determined eligible for or listed on the National Register of Historic Places within 1,000 feet of route centerline
46 Length of route across high archaeological/historical site potential

1 Single-family and multi-family dwellings, and related structures, etc., mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 300 feet of the centerline of a transmission project of 230 kV or less.
2 Apparent Property lines created by existing roads, highway, or railroad ROW are not "double-counted" in the length of route parallel to apparent property lines criteria.
3 Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church within 1,000 feet of the centerline of the project.
4 As listed in the Chart Supplement South Central U.S. (FAA 2023b formerly known as the Airport/Facility Directory South Central U.S.), FAA 2023a.
5 One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of Interstates, US and state highway criteria are not "double-counted" in the length of ROW within the foreground visual zone of FM roads criteria.
6 One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of parks/recreational areas may overlap with the total length of ROW within the foreground visual zone of interstates, US and state highway criteria and/or with the total length of ROW within the foreground visual zone of FM roads criteria.

entergy

Sabine Pass 230 kV Substation and Transmission Line Project

The 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 miles 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). The work will support and enable economic growth in Southeast Texas as well as enhance reliability for our existing and future customers.

The proposed project will require the following scopes of work:

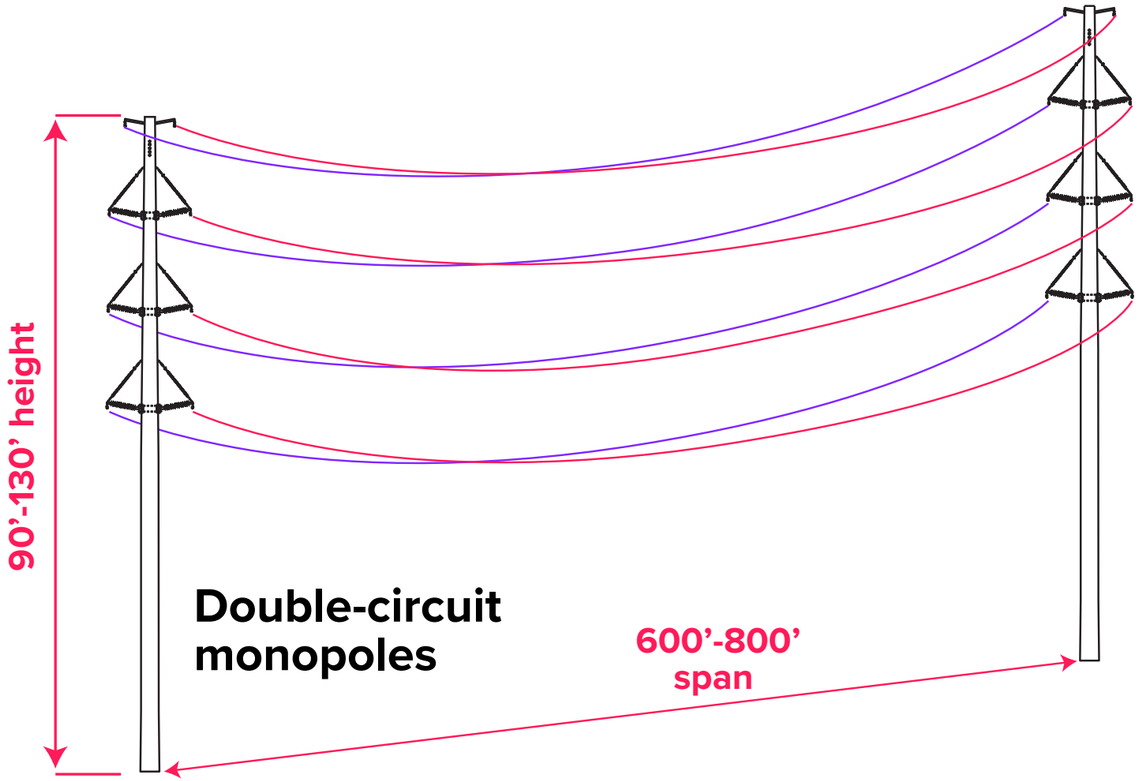
1) Design and build the new Sabine Pass 230 kV Substation:

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.

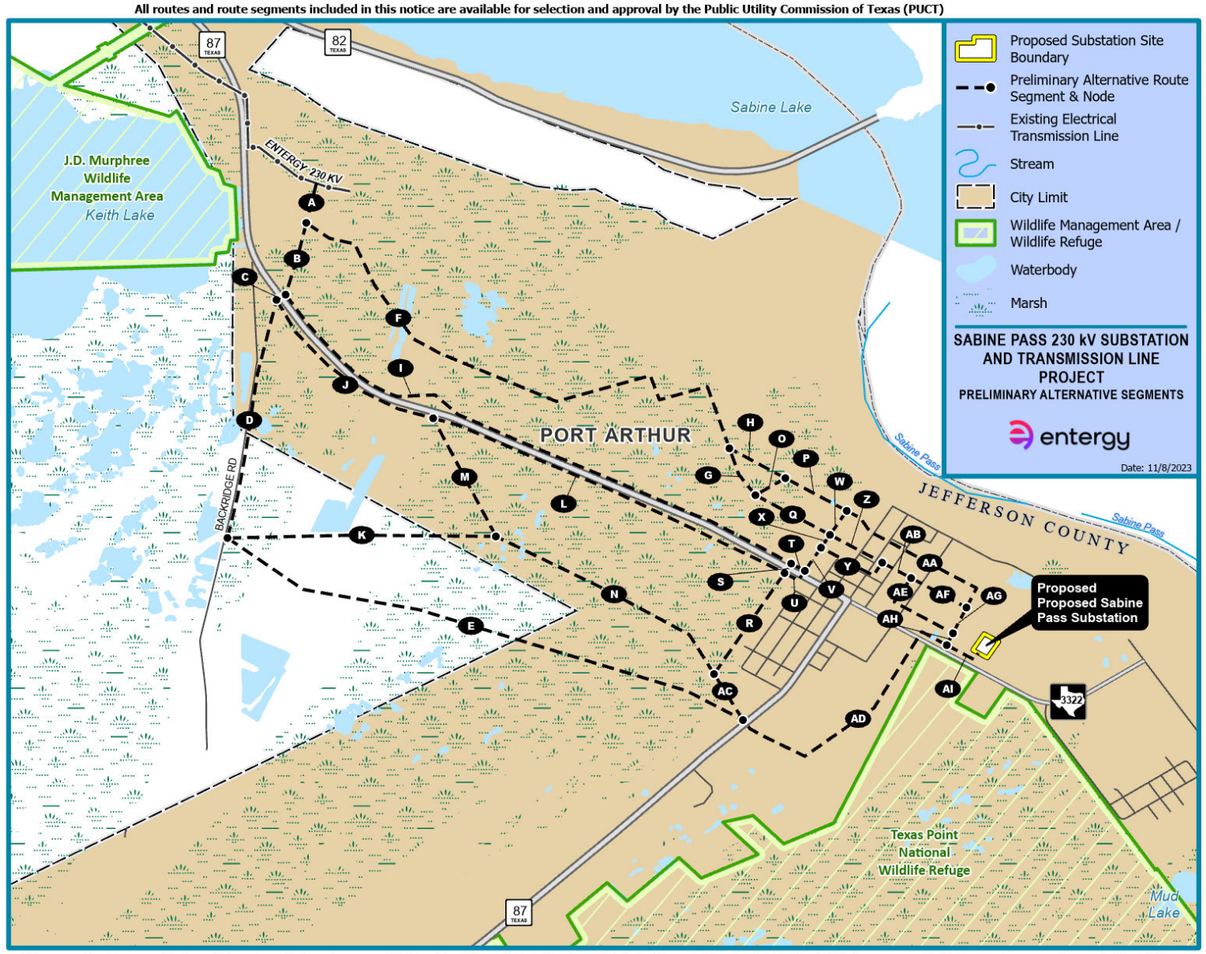
Typical Structures



What is the purpose and need of the 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.

All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas (PUCT)



If approved, only one route (consisting of multiple route segments) from the Falcon Substation to a "Cut-In" option will be selected by the PUCT. For a more detailed map, please see the project website: