

Entergy Texas, Inc.
Proposed Timberland 230 kV Transmission Line and Substation Project
Harris and Liberty Counties, Texas

Entergy Texas, Inc. (ETI) has filed an application with the Public Utility Commission of Texas (PUCT) to amend its Certificate of Convenience and Necessity (CCN) to construct the proposed Timberland 230 kV Transmission Line and Substation Project. In its CCN application for this project, ETI has presented 10 different combinations for the 22 segments to develop possible routes for consideration by the PUCT for this project. The following table lists the segment combinations that make up Entergy’s 10 alternative routes. **All routes and route segments are available for selection and approval by the PUCT. Only one multi-segment transmission line route will ultimately be constructed.**

Alternative Routes	Segments
Route 1	A1-A2-D-E-L1-L2
Route 2	A1-A2-D-F-J-K1-K2-N
Route 3	A1-A2-D-F-J-K1-K2-M-Q-R
Route 4	A1-A2-C-H-O-Q-R
Route 5	A1-A2-C-H-P-R
Route 6	B1-B2-L1-L2
Route 7	B1-B2-G-J-K1-K2-N
Route 8	B1-B2-G-J-K1-K2-M-Q-R
Route 9	A1-S-B2-L1-T-K2-N
Route 10	A1-S-B2-L1-L2

The following narrative describing the segments, along with the enclosed map that shows these segments, provides a detailed description of the segments that form the 10 Primary Alternative Routes.

SEGMENT A1

Segment A1 begins at the southeast side of the proposed Timberland Substation in Harris County, Texas, located east of Plum Grove Road (Rd) approximately 1.19 miles north-northeast of the intersection of Plum Grove Rd. and Stalsby Rd. The segment exits the proposed substation and heads 0.09 mile southeast, crossing an existing pipeline. The segment then turns east-southeast into Liberty County for approximately 1.28 miles, parallel to the south side of an existing pipeline, before reaching the segment’s intersection with Segments A2 and S, located approximately 0.96 mile north of the intersection of Magnolia Boulevard (Blvd) and Fir Place (Pl).

SEGMENT A2

Segment A2 begins at its intersection of Segments A1 and S, located approximately 0.96 miles north of the intersection of Magnolia Blvd and Fir Pl. The segment heads east-southeast for approximately 1.17 miles parallel to the south side of an existing pipeline, crossing an existing pipeline, before reaching the segment’s intersection with Segments C and D, located approximately 1.38 miles northeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT B1

Segment B1 begins at the southeast side of the proposed Timberland Substation in Harris County, located east of Plum Grove Rd. approximately 1.19 miles north-northeast of the intersection of Plum Grove Rd. and Stalsby Rd. The segment exits the proposed substation and heads south-southwest for approximately 0.07 mile, crossing an existing pipeline. The segment then turns west-northwest for approximately 0.12 mile parallel to the south side of an existing pipeline. The segment then turns south-southwest for approximately 0.26 mile parallel to the east side of

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Plum Grove Rd. The segment then turns south for approximately 0.75 mile parallel to the east side of Plum Grove Rd. The segment then turns east for approximately 1.48 miles, crossing into Liberty County, before reaching the segment's intersection with Segments S and B2, located approximately 0.35 mile north-northeast of the intersection of Magnolia Blvd. and Fir Pl.

SEGMENT B2

Segment B2 begins at its intersection with Segments B1 and S, located approximately 0.35 mile north-northeast of the intersection of Magnolia Blvd. and Fir Pl. The segment heads south for approximately 0.89 mile, crossing Camp Branch. The segment then turns east for approximately 0.88 mile, crossing Camp Branch again and an existing pipeline, before reaching the segment's intersection with Segments E, G, and L1 located approximately 1.09 miles southeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT C

Segment C begins at its intersection with Segments A2 and D, located approximately 1.38 miles northeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads east-southeast, running parallel to the south side of an existing pipeline, for approximately 0.50 mile, before reaching the segment's intersection with Segment H, located approximately 1.76 miles northeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT D

Segment D begins at its intersection with Segments A2 and C, located approximately 1.38 miles northeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads south-southeast for approximately 0.78 mile before reaching the segment's intersection with Segments E and F, located approximately 1.30 miles east of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT E

Segment E begins at its intersection with Segments D and F, located approximately 1.30 miles east of the intersection of Magnolia Blvd and Fir Pl. The segment heads west-southwest for approximately 0.30 mile. The segment then turns south-southwest for approximately 0.33 mile parallel to the east side of an existing pipeline, before reaching the segment's intersection with Segments B2, G, and L1, located approximately 1.09 miles southeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT F

Segment F begins at its intersection with Segments D and E, located approximately 1.30 miles east of the intersection of Magnolia Blvd and Fir Pl. The segment heads south-southeast for approximately 0.44 mile, before reaching the segment's intersection with Segments G and J, located approximately 1.48 miles east-southeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT G

Segment G begins at its intersection with Segments B2, E, and L1, located approximately 1.09 miles southeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads east for approximately 0.44 mile, before reaching the segment's intersection with Segments F and J, located approximately 1.48 miles east-southeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT H

Segment H begins at its intersection with Segment C, located approximately 1.76 miles northeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads east-southeast for approximately 1.69 miles parallel to the south side of an existing pipeline. The segment then turns south for approximately 0.65 mile, crossing Luce Bayou. The segment then turns west for approximately 0.56 mile. The segment then turns south for approximately 1.42 miles. The segment then turns west for approximately 0.15 mile. The segment then turns south for approximately 0.60 mile, crossing an existing pipeline. The segment turns southeast for approximately 0.15 mile. The segment then turns southwest for approximately 0.12 mile. The segment then turns south for approximately 0.51 mile, before reaching the segment's intersection with Segments O and P, located 0.84 mile north of the intersection of County Road 6243 and County Road 6242.

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SEGMENT J

Segment J begins at its intersection with Segments F and G, located approximately 1.48 miles east-southeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads east for approximately 0.40 mile, before reaching the segment's intersection with Segment K1, located 1.87 miles southeast of the intersection of Magnolia Blvd and Fir Pl.

SEGMENT K1

Segment K1 begins at its intersection with Segment J, located 1.87 miles southeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads south for approximately 0.74 mile, crossing Luce Bayou. The segment then turns southwest for approximately 0.12 mile. The segment turns southeast for approximately 0.13 mile. The segment then turns south for approximately 0.09 mile, until reaching the segment's intersection with Segments T and K2, located approximately 2.54 miles north-northwest of the intersection of County Road 6243 and County Road 6244.

SEGMENT K2

Segment K2 begins at its intersection with Segments K1 and T, located approximately 2.54 miles north-northwest of the intersection of County Road 6243 and County Road 6244. The segment heads south for approximately 0.38 mile, before reaching the segment's intersection with Segments M and N, located approximately 2.14 miles north of the intersection of County Road 6243 and County Road 6245.

SEGMENT L1

Segment L1 begins at its intersection with Segments G, E, and B2, located approximately 1.09 miles southeast of the intersection of Magnolia Blvd and Fir Pl. The segment heads south-southwest for approximately 1.01 miles parallel to the east side of an existing pipeline, crossing Camp Branch, before reaching the segment's intersection with Segments T and L2, located approximately 1.70 miles southeast from the intersection of Magnolia Blvd and Fir Pl.

SEGMENT L2

Segment L2 begins at its intersection with Segments L1 and T, located approximately 1.70 miles southeast from the intersection of Magnolia Blvd and Fir Pl. The segment heads south-southwest for approximately 0.66 miles parallel to the east side of an existing pipeline. The segment then turns south for approximately 0.35 miles parallel to the east side of an existing pipeline, crossing an existing pipeline and Luce Bayou. The segment turns south-southwest for approximately 0.67 mile parallel to the east side of an existing pipeline. The segment then turns south-southeast for approximately 0.10 mile. The segment turns west for approximately 0.03 mile. The segment then turns south-southwest for approximately 1.14 miles parallel to the east side of an existing pipeline, crossing into Harris County, before reaching the segment's intersection with the existing L-822 Heights to China Transmission Line at Cut-In Option 1.

SEGMENT M

Segment M begins at its intersection with Segments K2 and N, located approximately 2.14 miles north of the intersection of County Road 6243 and County Road 6245. The segment heads east for approximately 0.08 mile. The segment then turns south for approximately 1.30 miles, crossing an existing pipeline. The segment turns east for approximately 0.19 mile, before reaching the segment's intersection with Segments Q and O, located 0.84 mile north of the intersection of County Road 6243 and County Road 6244.

SEGMENT N

Segment N begins at its intersection with Segments K2 and M, located approximately 2.14 miles north of the intersection of County Road 6243 and County Road 6245. The segment heads south for approximately 0.92 miles, crossing an existing pipeline. The segment turns southwest for approximately 0.53 miles. The segment then turns south for approximately 1.85 miles, before reaching the segment's intersection with the existing L-822 Heights to China Transmission Line at Cut-In Option 2.

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SEGMENT O

Segment O begins at its intersection with Segments M and Q, located 0.84 miles north of the intersection of County Road 6243 and County Road 6244. The segment heads east for approximately 0.57 miles, crossing County Road 6242, before reaching the segment's intersection with Segments H and P, located 0.84 mile north of the intersection of County Road 6243 and County Road 6242.

SEGMENT P

Segment P begins at its intersection with Segments O and H, located 0.84 mile north of the intersection of County Road 6243 and County Road 6242. The segment heads south for approximately 0.27 miles. The segment then turns west for approximately 0.53 miles, crossing County Road 6242, before reaching the segment's intersection with Segments Q and R, located approximately 0.55 miles north-northeast of the intersection of County Road 6243 and County Road 6244.

SEGMENT Q

Segment Q begins at its intersection with Segments O and M, located 0.84 miles north of the intersection of County Road 6243 and County Road 6244. The segment heads south for approximately 0.29 mile. The segment then turns east for approximately 0.03 mile, before reaching the segment's intersection with Segments P and R, located approximately 0.55 miles north-northeast of the intersection of County Road 6243 and County Road 6244.

SEGMENT R

Segment R begins at its intersection with Segments P and Q, located approximately 0.55 miles north-northeast of the intersection of County Road 6243 and County Road 6244. The segment heads south for approximately 0.91 mile, crossing County Road 6243. The segment then turns south-southwest for approximately 0.25 mile. The segment turns south for approximately 0.71 mile, crossing County Road 624, before reaching the segment's intersection with the existing L-822 Heights to China Transmission Line at Cut-In Option 3.

SEGMENT S

Segment S begins at its intersection with Segments A1 and A2, located approximately 0.96 miles north of the intersection of Magnolia Blvd and Fir Pl. The segment heads south for approximately 0.62 mile, before reaching the segment's intersection with Segments B1 and B2, located approximately 0.35 mile north-northeast of the intersection of Magnolia Blvd. and Fir Pl.

SEGMENT T

Segment T begins at its intersection with Segments L1 and L2, located approximately 1.70 miles southeast from the intersection of Magnolia Blvd and Fir Pl. The segment heads east for approximately 1.03 miles, crossing Camp Branch and Luce Bayou, before reaching the segment's intersection with Segments K1 and K2, located approximately 2.54 miles north-northwest of the intersection of County Road 6243 and County Road 6244.