LCRA TRANSMISSION SERVICES CORPORATION

May 31, 2019

«Prefix» «Contact»
«FormalTitle»
«Organization»
«Address1»
«City», «State» «Zip»

RE: Application of LCRA Transmission Services Corporation to Amend a Certificate of Convenience and Necessity for the Proposed Mountain Home 138-kV Transmission Line Project in Gillespie, Kerr and Kimble counties, Texas

PUBLIC UTILITY COMMISSION OF TEXAS (PUC) DOCKET NO. 49523

Dear «Formal»:

As part of our efforts to keep you and the public informed about electric transmission projects, we want you to know LCRA Transmission Services Corporation (LCRA TSC) is requesting approval from the Public Utility Commission of Texas (PUC) to amend its Certificate of Convenience and Necessity (CCN) to construct the Mountain Home 138-kV Transmission Line Project in Gillespie and Kerr counties and possibly Kimble County. The proposed transmission line will connect either the existing Hunt Substation located on River Rd. or the existing Ingram Substation located on Highway 27 to the new Mountain Home Substation and the existing Harper Substation located near the intersection of US Highway 290 and Ranch Rd. 2093. The entire project will be about 21 to 30 miles in length, and is estimated to cost approximately $64 million to $77 million (including substation costs), depending upon the final route chosen by the PUC.

If you have questions about the transmission line, you can call Manager of Siting and Certification Lance Wenmohs at 512-578-4495 or 800-776-5272, ext. 4495. The descriptions of the proposed routing alternatives and a map showing the proposed alternative routes are enclosed for your convenience.

The CCN application, including detailed routing maps illustrating the proposed transmission line project and project area, may be reviewed at these locations:

- LCRA offices at 3505 Montopolis Drive, Building D, Austin, Texas 78744. An appointment must be made to obtain or review the map at LCRA at 512-578-4495 or 800-776-5272, ext. 4495
- The project website at www.lcra.org/mountainhome
- Gillespie County Courthouse (County Judge's Office, Room 101) at 101 West Main Street, Fredericksburg, TX 78624
- Kerr County Courthouse (County Clerk's Office) at 700 Main Street, Suite 122, Kerrville, TX 78028

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

The enclosed brochure entitled "Landowners and Transmission Line Cases at the PUC" (also available online at www.puc.texas.gov) provides basic information about how you may participate in this docket, and how you may contact the PUC. Please read this brochure carefully. The brochure includes sample forms for making comments and for making a request to intervene as a party in this docket. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because LCRA TSC is not obligated to keep affected people informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

In addition to the contacts listed in the brochure, you may call the PUC's Customer Assistance Hotline at 888-782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at 512-936-7136, or toll free at 800-735-2989. If you wish to participate in this proceeding by becoming an intervenor, the deadline for intervention in the proceeding is July 15, 2019 and the PUC should receive a letter from you requesting intervention by that date. Mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, Texas 78711-3326

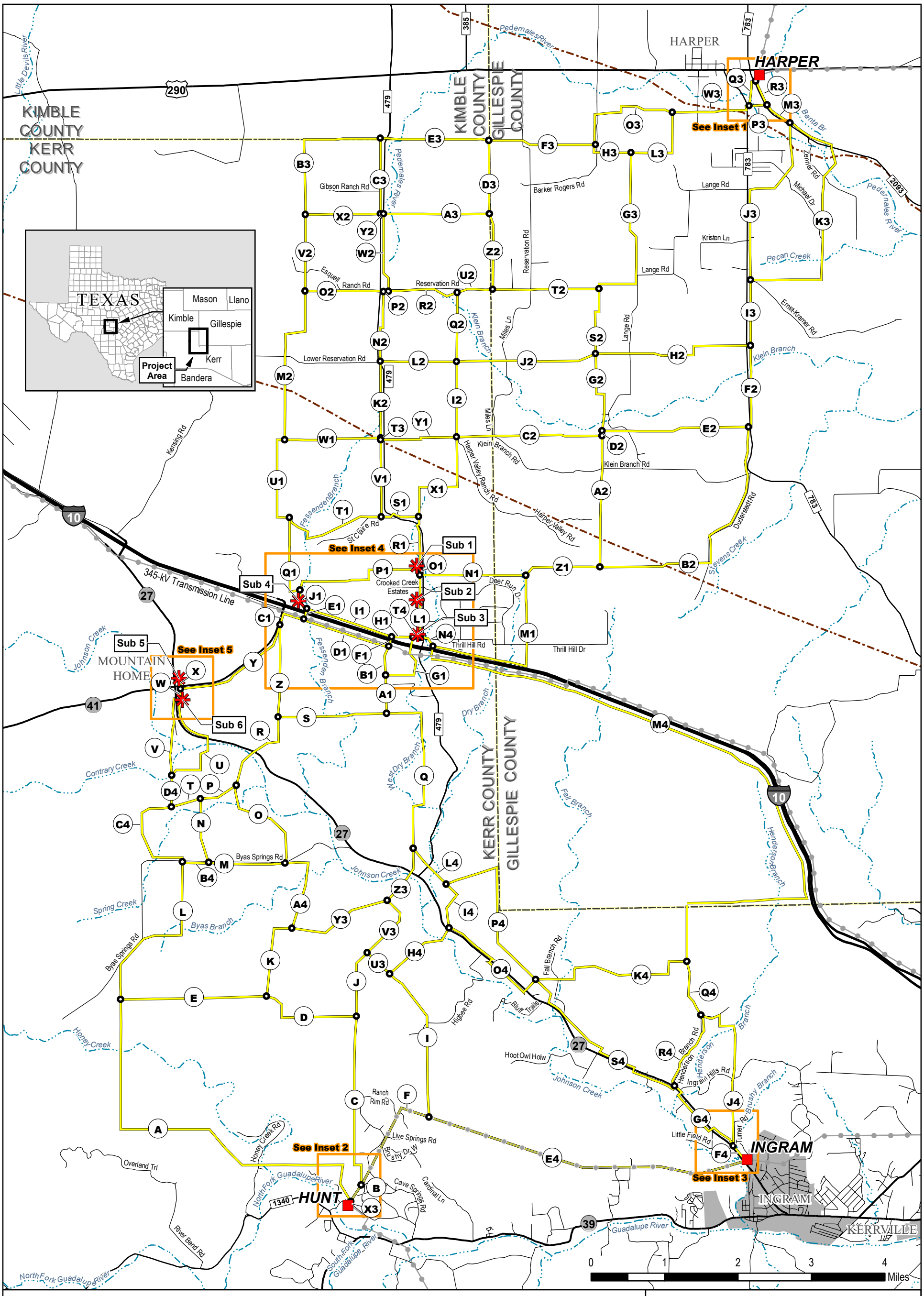
People who wish to intervene in the docket must also mail a copy of their request for intervention to all parties in the docket and all people who have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket. The enclosed brochure explains how you can access these filings.

Thank you for your interest in this project.

Sincerely,

Lance Wenmohs
Manager, Siting and Certification
Lower Colorado River Authority
P.O. Box 220, MS DSC-D140
Austin, Texas 78767-0220

Enclosures



Project Components

- Project Endpoint
- SUB 1 — Primary Mountain Home Substation Site Option
- A — Primary Alternative Route Segment, Node, and Label
- F — Primary Alternative Route Segment, Node, and Label (Double Circuit)

Existing Utilities

- Transmission Line
- Pipeline

Administrative Boundaries

- City Boundary
- County Boundary

Surface Water

- Stream or River

Transportation

- 10 — Interstate Highway
- 290 — US Highway
- 27 — State or County Highway
- 1431 — Farm to Market Road or Ranch Road
- Local or County Road

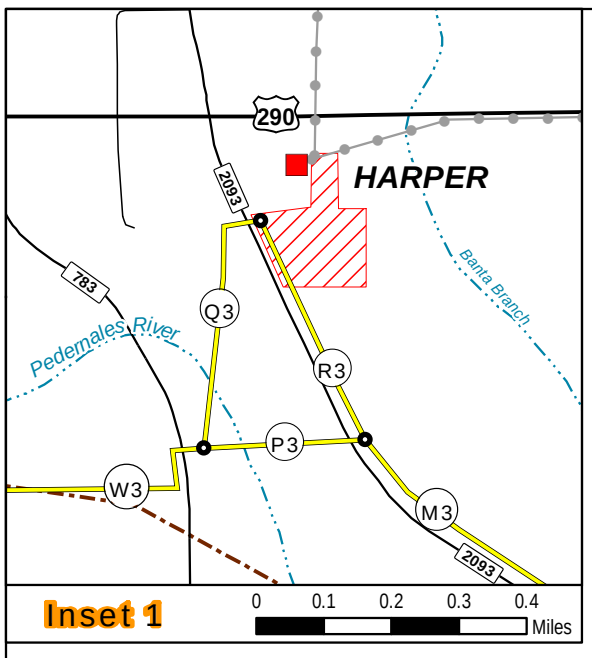
1 in = 1.25 miles

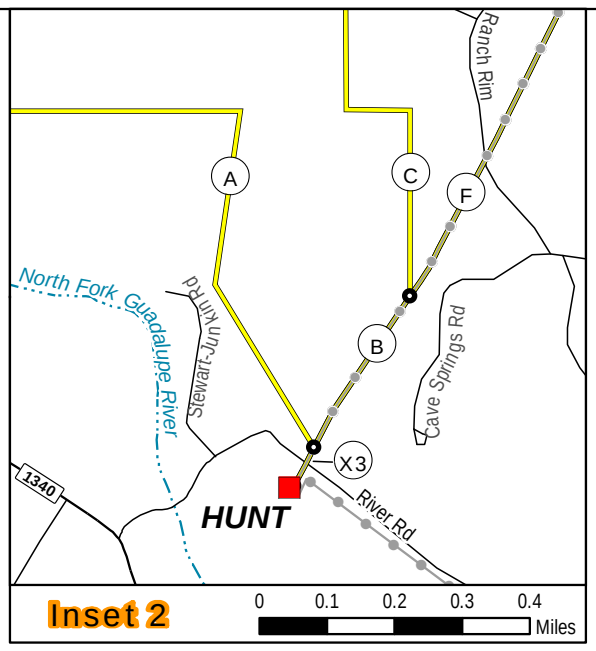
Mountain Home
138-kV Transmission Line Project

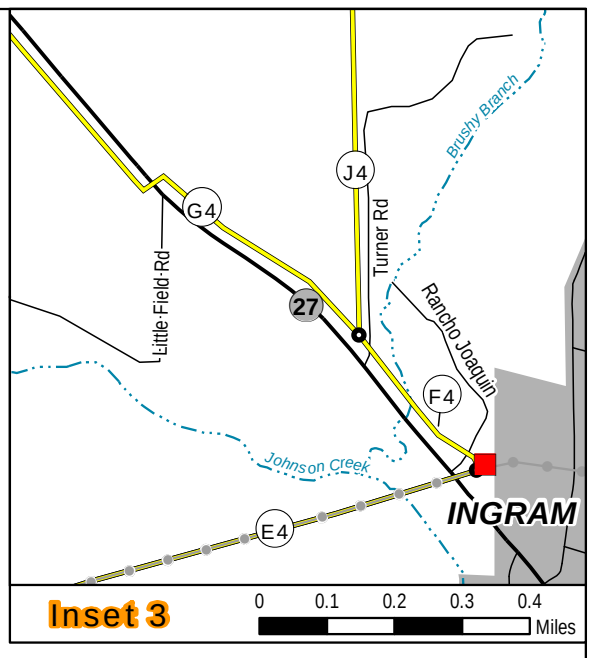
Primary Alternative
Route Segments

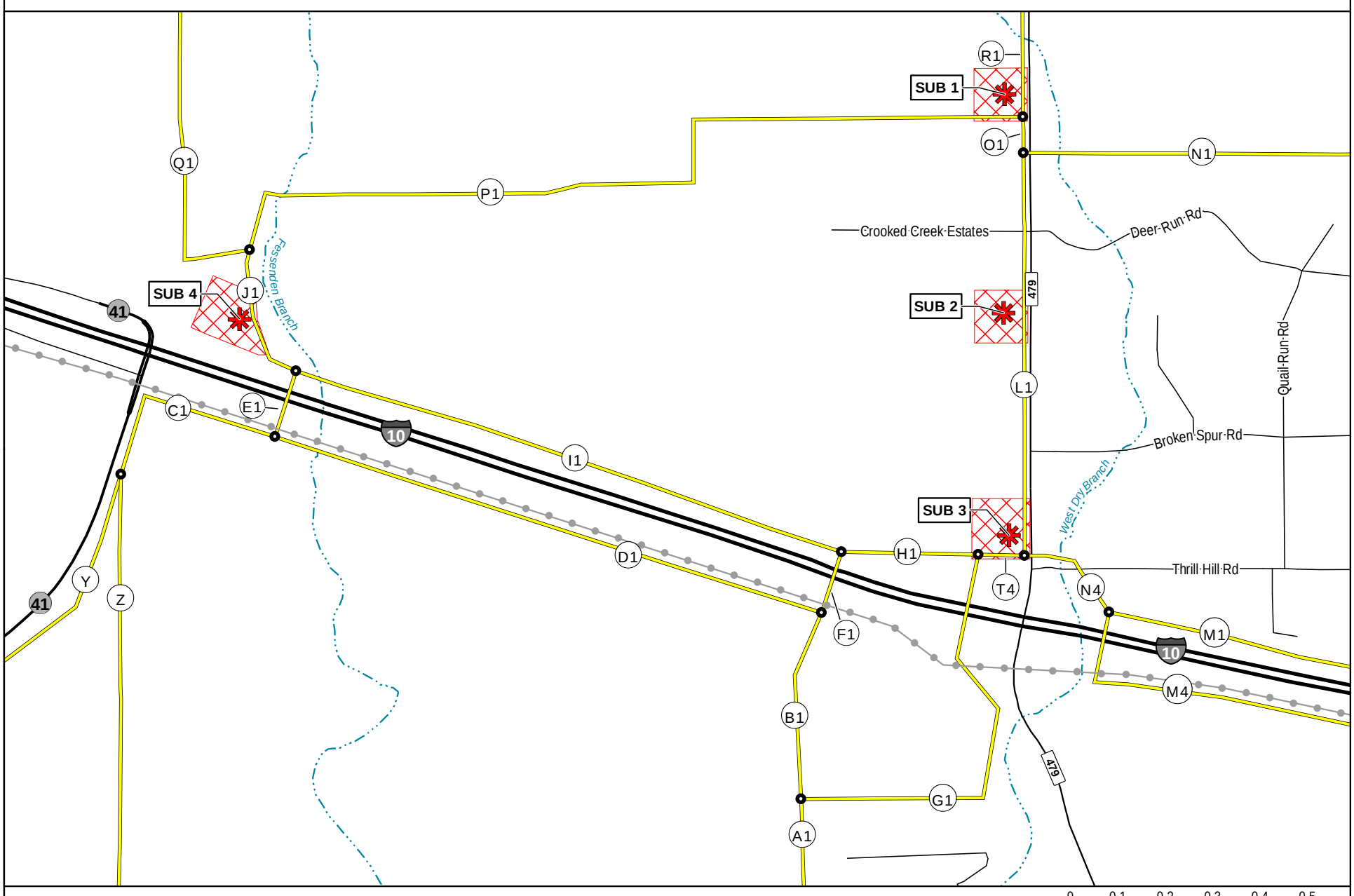
LCRA ENERGY • WATER • COMMUNITY SERVICES

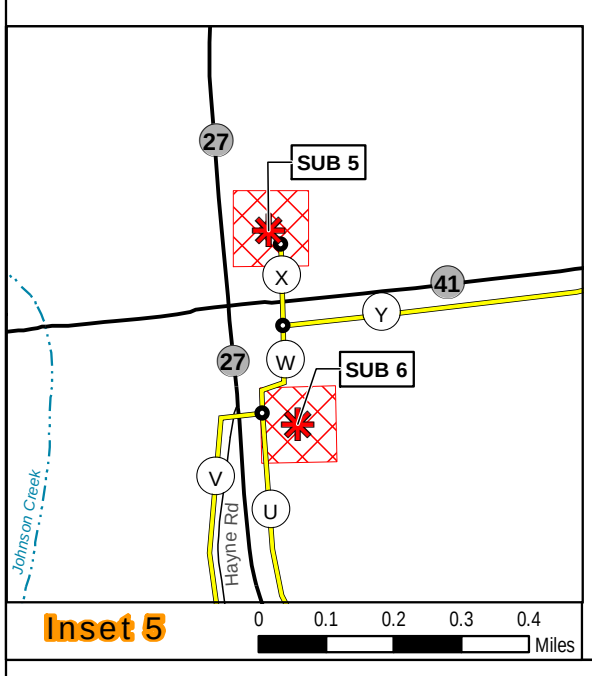
POWER ENGINEERS











Project Components

- Project Endpoint
- SUB 1 — Primary Mountain Home Substation Site Option
- A — Primary Alternative Route Segment, Node, and Label
- F — Primary Alternative Route Segment, Node, and Label (Double Circuit)
- Substation Expansion Area

Existing Utilities

- Transmission Line
- Pipeline

Administrative Boundaries

- City Boundary

Surface Water

- Stream or River

Transportation

- 10 — Interstate Highway
- 290 — US Highway
- 27 — State or County Highway
- 1431 — Farm to Market Road or Ranch Road
- Local or County Road

1 in = 0.28 miles

Mountain Home
138-kV Transmission Line Project

Primary Alternative Route Segments Detail Insets

LCRA ENERGY • WATER • COMMUNITY SERVICES

POWER ENGINEERS

LCRA Transmission Services Corporation
Mountain Home 138-kV Transmission Line Project in Gillespie, Kerr, and Kimble Counties, Texas
PUC Docket No. 49523
Description of the Primary Alternative Routes

LCRA Transmission Services Corporation (LCRA TSC) has filed an application with the Public Utility Commission of Texas (PUC) to amend its Certificate of Convenience and Necessity (CCN) to construct the Mountain Home 138-kV Transmission Line Project in Gillespie, Kerr, and Kimble counties, Texas. In its CCN application for this project, LCRA TSC has presented 40 alternative routes comprised of 119 segments for consideration by the PUC. The following table lists the segment combinations that make up LCRA TSC's 40 alternative routes and the length of each alternative route in miles. All routes and segments are available for selection and approval by the PUC. Only one multi-segment transmission line route will ultimately be constructed.

Alternative routes are not listed in any order of preference or priority.

PRIMARY ALTERNATIVE ROUTES	SEGMENT COMBINATION	TOTAL LENGTH IN MILES
Hunt 1	X3-B-F-I-U3-V3-Z3-Q-A1-B1-F1-H1-T4-L1-O1-**Sub 1**-R1-X1-I2-J2-H2-I3-J3-M3-R3	22.8
Hunt 2	X3-B-F-I-H4-I4-L4-Q-A1-B1-F1-H1-T4-L1-**Sub 2**-N1-Z1-B2-F2-I3-J3-M3-R3	22.7
Hunt 3	X3-B-C-D-K-Y3-Z3-Q-A1-B1-F1-H1-T4-L1-**Sub 2**-N1-Z1-A2-D2-G2-H2-I3-J3-M3-R3	24.3
Hunt 4	X3-A-L-B4-N-P-R-S-A1-G1-T4-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	26.3
Hunt 5	X3-B-C-J-V3-Z3-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	21.5
Hunt 6	X3-B-C-J-V3-Z3-Q-A1-G1-T4-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	21.6
Hunt 7	X3-B-F-I-H4-I4-L4-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	22.8
Hunt 8	X3-B-F-I-H4-I4-L4-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-Q3	22.6
Hunt 9	X3-B-F-I-H4-I4-L4-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-Z2-D3-F3-O3-W3-P3-R3	22.9
Hunt 10	X3-B-F-I-H4-I4-L4-Q-A1-G1-T4-**Sub 3**-N4-M1-Z1-B2-F2-I3-K3-M3-R3	24.2
Hunt 11	X3-B-F-I-H4-I4-L4-Q-A1-G1-T4-**Sub 3**-L1-O1-R1-X1-I2-J2-H2-I3-K3-M3-R3	24.1
Hunt 12	X3-B-F-I-U3-V3-Z3-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	22.6
Hunt 13	X3-B-F-I-U3-V3-Z3-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-Q3	22.3
Hunt 14	X3-B-F-I-U3-V3-Z3-Q-A1-B1-F1-H1-T4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-Z2-D3-F3-O3-W3-Q3	22.5
Hunt 15	X3-B-C-D-E-L-B4-N-P-R-Z-C1-E1-J1-**Sub 4**-Q1-U1-M2-V2-X2-Y2-A3-D3-F3-H3-L3-W3-P3-R3	28.0
Hunt 16	X3-B-C-J-V3-Z3-Q-A1-B1-F1-I1-J1-**Sub 4**-Q1-T1-V1-Y1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	24.4
Hunt 17	X3-B-C-J-V3-Z3-Q-A1-B1-F1-I1-J1-**Sub 4**-Q1-U1-M2-V2-B3-E3-F3-O3-W3-Q3	24.3
Hunt 18	X3-B-F-I-H4-I4-L4-Q-S-Z-C1-E1-J1-**Sub 4**-P1-R1-X1-I2-J2-H2-I3-K3-M3-R3	27.1
Hunt 19	X3-B-F-I-H4-I4-L4-Q-S-Z-C1-E1-J1-**Sub 4**-Q1-U1-W1-K2-L2-J2-H2-I3-K3-M3-R3	27.8
Hunt 20	X3-B-F-I-U3-V3-Z3-Q-S-Z-C1-E1-J1-**Sub 4**-P1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	25.7
Hunt 21	X3-B-F-I-U3-V3-Z3-Q-S-Z-C1-E1-J1-**Sub 4**-Q1-U1-M2-V2-B3-E3-F3-O3-W3-P3-R3	26.4
Hunt 22	X3-B-F-I-U3-V3-Z3-Q-A1-B1-F1-I1-J1-**Sub 4**-Q1-T1-V1-T3-K2-N2-P2-W2-Y2-C3-E3-F3-H3-L3-W3-Q3	25.4
Hunt 23	X3-B-C-D-K-A4-O-R-Z-C1-E1-J1-**Sub 4**-Q1-U1-W1-T3-Y1-C2-D2-E2-F2-I3-J3-M3-R3	25.7
Hunt 24	X3-B-C-D-K-A4-M-N-T-D4-V-W-X*-**Sub 5**-Y-C1-D1-F1-H1-T4-L1-O1-R1-X1-I2-Q2-U2-Z2-D3-F3-O3-W3-Q3	26.9
Hunt 25	X3-B-C-D-K-A4-M-N-T-D4-V-W-X*-**Sub 5**-Y-C1-E1-J1-Q1-U1-M2-O2-P2-R2-U2-Z2-D3-F3-O3-W3-Q3	27.3
Hunt 26	X3-A-L-C4-D4-V-W-X*-**Sub 5**-Y-C1-E1-J1-Q1-U1-M2-V2-B3-E3-F3-O3-W3-Q3	27.9
Hunt 27	X3-B-C-D-E-L-B4-N-T-D4-V-**Sub 6**-W-Y-C1-E1-J1-Q1-T1-S1-X1-C2-D2-E2-F2-I3-K3-M3-R3	29.8
Hunt 28	X3-B-C-D-K-A4-M-N-T-D4-U-**Sub 6**-W-Y-C1-D1-F1-H1-T4-L1-O1-R1-X1-I2-Q2-U2-Z2-D3-F3-O3-W3-P3-R3	27.6
Hunt 29	X3-B-C-D-K-A4-M-N-T-D4-V-**Sub 6**-W-Y-C1-E1-I1-H1-T4-L1-N1-Z1-B2-F2-I3-J3-M3-R3	26.8
Hunt 30	X3-B-C-D-E-L-C4-D4-V-**Sub 6**-W-Y-C1-E1-J1-Q1-U1-M2-V2-X2-C3-E3-F3-H3-L3-W3-Q3	28.5
Ingram 1	F4-G4-R4-Q4-M4-N4-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	25.5

PRIMARY ALTERNATIVE ROUTES	SEGMENT COMBINATION	TOTAL LENGTH IN MILES
Ingram 2	F4-G4-S4-O4-I4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	23.2
Ingram 3	F4-G4-S4-P4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	23.4
Ingram 4	F4-J4-Q4-K4-P4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-N1-Z1-A2-D2-G2-S2-G3-L3-W3-P3-R3	25.4
Ingram 5	F4-J4-Q4-K4-P4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-N1-Z1-B2-F2-I3-J3-M3-R3	25.2
Ingram 6	F4-J4-Q4-K4-P4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-Q3	25.0
Ingram 7	F4-J4-Q4-M4-N4-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-P3-R3	25.4
Ingram 8	E4-I-H4-I4-L4-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-T2-G3-L3-W3-P3-R3	25.5
Ingram 9	E4-I-U3-V3-Z3-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-J2-S2-G3-L3-W3-P3-R3	25.2
Ingram 10	E4-I-U3-V3-Z3-Q-A1-B1-F1-H1-**Sub 3**-L1-O1-R1-X1-I2-Q2-U2-Z2-D3-F3-O3-W3-Q3	25.2

*This segment will be used entering and exiting the substation site.

Note: All distances listed below are approximate and rounded to the nearest hundredths of a mile. The distances of individual segments below may not sum to the total length of route presented above due to rounding.

Segment A
Refer to Inset 2. Segment A begins at its intersection with Segments B and X3, located on the northeast side of River Rd. The segment proceeds northwest for approximately 0.29 mile, and then angles north-northeast for approximately 0.26 mile. Refer to Study Area map. The segment then angles west for approximately 1.37 miles, crossing Honey Creek and Honey Creek Rd. The segment then angles northwest for approximately 0.66 mile and then angles west for approximately 1.21 miles. The segment then angles north for approximately 1.76 miles, crossing Honey Creek. The segment terminates at its intersection with Segments E and L.

Segment B
Refer to Inset 2. Segment B begins at its intersection with Segments A and X3, located on the northeast side of River Rd. The segment proceeds northeast for approximately 0.26 mile. The segment terminates at its intersection with Segments C and F. *Segment B is proposed to rebuild an existing LCRA TSC 138-kV transmission line to double circuit.*

Segment C
Refer to Inset 2. Segment C begins at its intersection with Segments B and F, approximately 0.25 mile southwest of Ranch Rim Rd. The segment proceeds north for approximately 0.27 mile, then angles west for approximately 0.09 mile, and then angles north for approximately 2.03 miles (refer to the main map). The segment terminates at its intersection with Segments D and J.

Segment D
Segment D begins at its intersection with Segments C and J. The segment proceeds west for approximately 1.02 mile and then angles north for approximately 0.18 mile. The segment then curves northwest for approximately 0.24 mile. The segment terminates at its intersection with Segments E and K.

Segment E
Segment E begins at its intersection with Segments D and K. The segment proceeds west for approximately 1.99 miles. The segment terminates at its intersection with Segments A and L.

Segment F
Refer to Inset 2. Segment F begins at its intersection with Segments B and C, approximately 0.25 mile southwest of Ranch Rim Rd. The segment proceeds northeast for approximately 1.18 miles, crossing Ranch Rim Rd., Brushy Dr. W., Live Springs Rd., and Ranch Rim Rd. again, and then angles southeast for approximately 0.40 mile (refer to the main map). The segment terminates at its intersection with Segments I and E4. *Segment F is proposed to rebuild an existing LCRA TSC 138-kV transmission line to double circuit.*

Segment I
Segment I begins at its intersection with Segments F and E4. The segment proceeds north for approximately 1.36 miles, crossing Higbee Rd., then angles northwest for approximately 0.57 mile, and then angles slightly west-northwest for approximately 0.22 mile. The segment terminates at its intersection with Segments U3 and H4.

Segment J
Segment J begins at its intersection with Segments C and D. The segment proceeds north for approximately 0.71 mile, and then angles northeast for approximately 0.22 mile. The segment terminates at its intersection with Segments U3 and V3.

Segment K
Segment K begins at its intersection with Segments D and E. The segment proceeds north-northeast for approximately 0.93 mile, and then angles east for approximately 0.24 mile. The segment terminates at its intersection with Segments Y3 and A4.

Segment L
Segment L begins at its intersection with Segments A and E. The segment proceeds north for approximately 0.47 mile, and then angles northeast for approximately 0.47 mile, paralleling the southeast side of Byas Spring Rd. The segment then angles east-northeast for approximately 0.16 mile, and then angles east for approximately 0.37 mile, crossing Byas Branch. The segment then angles north for approximately 1.00 mile, crossing Byas Branch. The segment terminates at its intersection with Segments B4 and C4, on the south side of Byas Springs Rd.

Segment M
Segment M begins at its intersection with Segments O and A4, located on the south side of Byas Springs Rd. The segment proceeds west for approximately 1.04 miles, paralleling the south side of Byas Springs Rd. The segment terminates at its intersection with Segments N and B4, on the south side of Byas Springs Rd.

Segment N
Segment N begins at its intersection with Segments M and B4, located on the south side of Byas Springs Rd. The segment proceeds northwest for approximately 0.34 mile, crossing Byas Springs Rd., and then angles north for approximately 0.54 mile, crossing Spring Creek. The segment terminates at its intersection with Segments P and T.

Segment O
Segment O begins at its intersection with Segments M and A4, located on the south side of Byas Springs Rd. The segment proceeds north for approximately 0.40 mile, crossing Byas Springs Rd., then angles

northwest for approximately 0.28 mile, and then angles west-northwest for approximately 0.46 mile. The segment then angles north-northwest for approximately 0.33 mile, crossing Spring Creek. The segment terminates at its intersection with Segments P and R.

Segment P
Segment P begins at its intersection with Segments N and T. The segment proceeds east for approximately 0.23 mile, and then angles northeast for approximately 0.31 mile. The segment terminates at its intersection with Segments O and R.

Segment Q
Segment Q begins at its intersection with Segments Z3 and L4, located approximately 0.38 mile north of the intersection of SH 27 and Farm to Market (FM) 479. The segment proceeds north for approximately 0.56 mile, then angles east-northeast for approximately 0.16 mile, crossing West Dry Branch, and then angles north for approximately 0.73 mile. The segment then angles slightly west-northwest for approximately 0.20 mile, crossing West Dry Branch twice, and then angles slightly north for approximately 0.32 mile. The segment then angles west for approximately 0.47 mile, crossing West Dry Branch. The segment terminates at its intersection with Segments S and A1.

Segment R
Segment R begins at its intersection with Segments O and P. The segment proceeds north-northeast for approximately 0.34 mile, then angles northeast for approximately 0.42 mile, crossing Johnson Creek and SH 27, and then angles east for approximately 0.15 mile. The segment then angles north for approximately 0.33 mile. The segment terminates at its intersection with Segments S and Z.

Segment S
Segment S begins at its intersection with Segments Q and A1, located approximately 1.00 mile south of IH 10. The segment proceeds west for approximately 0.43 mile, then angles slightly west-southwest for approximately 0.12 mile, crossing Fessenden Branch, and then angles west for approximately 0.93 mile. The segment terminates at its intersection with Segments R and Z. *This segment can be used traveling east to west, as described, or west to east.*

Segment T
Segment T begins at its intersection with Segments N and P. The segment proceeds west-southwest for approximately 0.41 mile. The segment terminates at its intersection with Segments C4 and D4.

Segment U
Refer to Inset 5. Segment U begins at its intersection with Segments V and D4. The segment proceeds northeast for approximately 0.10 mile, then angles east for approximately 0.31 mile, and then angles north for approximately 0.22 mile. The segment then angles northeast for approximately 0.12 mile, and then angles north for approximately 0.20 mile, crossing Johnson Creek and SH 27. The segment then angles northwest, curving from northwest to north, for approximately 0.74 mile, paralleling the north and east sides of SH 27. Refer to Inset 5. The segment terminates at its intersection with Segments V and W, on the east side of SH 27. *This segment could terminate as it enters Mountain Home Substation Site Option 6, if Option 6 is selected.*

Segment V
Refer to Inset 5. Segment V beings at its intersection with Segments U and D4. The segment proceeds north-northwest for approximately 0.27 mile, crossing Contrary Creek, and then angles slightly north for approximately 0.44 mile, crossing Johnson Creek. The segment then angles slightly north-northwest for approximately 0.33 mile, paralleling Hayne Rd., and then angles east for approximately 0.07 mile, crossing Hayne Rd. and SH 27. The segment terminates at its intersection with Segments W and U, on the east side of SH 27. *This segment could terminate as it enters Mountain Home Substation Site Option 6, if Option 6 is selected.*

Segment W
Refer to Inset 5. Segment W begins at its intersection with Segments U and V, located approximately 0.15 mile southeast of the intersection of SH 27 and SH 41. The segment proceeds north for approximately 0.03 mile, then angles east for approximately 0.04 mile, and then angles north for approximately 0.08 mile. The segment terminates at its intersection with Segments X and Y, on the south side of SH 41. *This segment could begin as it exits Mountain Home Substation Site Option 6, if Option 6 is selected.*

Segment X
Refer to Inset 5. Segment X begins at its intersection with Segments W and Y, located on the southeast side of the intersection of SH 27 and SH 41. The segment proceeds north for approximately 0.12 mile, crossing SH 41. The segment terminates at is enters Mountain Home Substation Site Option 5. *This segment will be used entering and exiting Mountain Home Substation Site Option 5, if Option 5 is selected.*

Segment Y
Refer to Insets 4, 5 and main map. Segment Y begins at its intersection with Segments W and X, located on the southeast side of the intersection of SH 27 and SH 41. The segment proceeds east-northeast to north-northeast, for approximately 1.74 mile, paralleling the south and east sides of SH 41. The segment terminates at its intersection with Segments Z and C1, on the south side of SH 41.

Segment Z
Refer to Inset 4. Segment Z begins at its intersection with Segments R and S. The segment proceeds north for approximately 1.26 mile. The segment terminates at its intersection with Segments Y and C1, on the southeast side of SH 41.

Segment A1
Refer to Inset 4. Segment A1 begins at its intersection with Segments Q and S, located approximately 1.00 mile south of IH 10. The segment proceeds north for approximately 0.52 mile. The segment terminates at its intersection with Segments B1 and G1.

Segment B1
Refer to Inset 4. Segment B1 begins at its intersection with Segments A1 and G1, located approximately 0.48 mile south of IH 10. The segment proceeds north for approximately 0.26 mile, and then angles northeast for approximately 0.15 mile. The segment terminates at its intersection with Segments D1 and F1, located on the south side of an existing LCRA TSC 345-kV transmission line and IH 10.

Segment C1
Refer to Inset 4. Segment C1 begins at its intersection with segments Y and Z, located approximately 0.20 mile south of the intersection of SH 41 and IH 10. The segment proceeds north-northeast for approximately 0.17 mile, paralleling the east side of SH 41, and then angles southeast for approximately 0.29 mile, paralleling the south side of an existing LCRA TSC 345-kV transmission line on the south side of IH 10. The segment terminates at its intersection with Segments D1 and E1.

Segment D1
Refer to Inset 4. Segment D1 begins at its intersection with Segments C1 and E1, located on the south side of an existing LCRA TSC 345-kV transmission line and IH 10. The segment proceeds southeast for approximately 1.21 miles, paralleling the south side of an existing LCRA TSC 345-kV transmission line and crossing Fessenden Branch. The segment terminates at its intersection with Segments B1 and F1, located on the south side of an existing LCRA TSC 345-kV transmission line and IH 10.

Segment E1
Refer to Inset 4. Segment E1 begins at its intersection with Segments C1 and D1, located on the south side of an existing LCRA TSC 345-kV transmission line and IH 10. The segment proceeds north-northeast for approximately 0.15 mile, crossing an existing LCRA TSC 345-kV transmission line and IH 10. The segment terminates at its intersection with Segments I1 and J1, located on the north side of IH 10.

Segment F1
Refer to Inset 4. Segment F1 begins at its intersection with Segments B1 and D1, located on the south side of an existing LCRA TSC 345-kV transmission line and IH 10. The segment proceeds north-northeast for approximately 0.14 mile, crossing an existing LCRA TSC 345-kV transmission line and IH 10. The segment terminates at its intersection with Segments H1 and I1, located on the north side of IH 10.

Segment G1
Refer to Inset 4. Segment G1 begins at its intersection with Segments A1 and B1, located approximately 0.48 mile south of IH 10. The segment proceeds east for approximately 0.38 mile, then angles north-northeast for approximately 0.19 mile, and then angles northwest for approximately 0.14 mile, crossing an existing LCRA TSC 345-kV transmission line. The segment then angles north-northeast for approximately 0.23 mile, crossing IH 10. The segment terminates at its intersection with Segments H1 and T4, located on the north side of IH 10.

Segment H1
Refer to Inset 4. Segment H1 begins at its intersection with Segments F1 and I1, located approximately 0.40 mile northwest of the intersection of IH 10 and FM 479. The segment proceeds east for approximately 0.29 mile. The segment terminates at its intersection with Segments G1 and T4, located on the northwest side of the intersection of IH 10 and FM 479. *This segment could terminate as it enters Mountain Home Substation Site Option 3, if Option 3 is selected.*

Segment I1
Refer to Inset 4. Segment I1 begins at its intersection with Segments F1 and H1, located approximately 0.40 mile northwest of the intersection of IH 10 and FM 479. The segment proceeds west-northwest for approximately 1.21 miles, paralleling the north side of IH 10 and crossing Fessenden Branch. The segment terminates at its intersection with Segments E1 and J1, located on the north side of IH 10.

Segment J1
Refer to Inset 4. Segment J1 begins at its intersection with Segments E1 and I1, located on the north side of IH 10. The segment proceeds west-northwest for approximately 0.06 mile and then curves to the north for approximately 0.24 mile. The segment terminates at its intersection with Segments P1 and Q1. *This segment could pass through Mountain Home Substation Site Option 4, if Option 4 is selected.*

Segment L1
Refer to Inset 4. Segment L1 begins at its intersection with Segments N4 and T4, located on the northwest side of the intersection of IH 10 and FM 479. The segment proceeds north for approximately 0.85 mile, paralleling the west side of FM 479, crossing Crooked Creek Estates. The segment terminates at its intersection with Segments N1 and O1, located on the west side of FM 479. *This segment could begin as it exits Mountain Home Substation Site Option 3, if Option 3 is selected. This segment could pass through Mountain Home Substation Site Option 2, if Option 2 is selected.*

Segment M1
Refer to Inset 4 and the main map. Segment M1 begins at its intersection with Segments M4 and N4, located on the north side of IH 10 approximately 0.2 miles east of FM 479. The segment proceeds east-southeast for approximately 1.29 miles, paralleling the north side of IH 10 and crossing from Kerr County to Gillespie County. The segment then angles north for approximately 1.24 miles, crossing Thrill Hill Rd. The segment terminates at its intersection with Segments N1 and Z1.

Segment N1
Refer to Inset 4 and the main map. Segment N1 begins at its intersection with Segments L1 and O1, located on the west side of FM 479. The segment proceeds east for approximately 1.44 miles, crossing FM 479, West Dry Branch, from Kerr County to Gillespie County, and Dry Branch. The segment terminates at its intersection with Segments M1 and Z1.

Segment O1
Refer to Inset 4. Segment O1 begins at its intersection with Segments L1 and N1, located on the west side of FM 479. The segment proceeds north for approximately 0.08 mile, paralleling the west side of FM 479. The segment terminates at its intersection with Segments P1 and R1, located on the west side of FM 479. *This segment could terminate as it enters Mountain Home Substation Site Option 1, if Option 1 is selected.*

Segment P1
Refer to Inset 4. Segment P1 begins at its intersection with Segments J1 and Q1, located 0.25 mile north of IH 10. The segment proceeds north-northeast for approximately 0.13 mile, then angles east for approximately 0.57 mile, crossing Fessenden Branch, and then angles northeast for approximately 0.09 mile. The segment then angles east for approximately 0.24 mile, then angles north for approximately 0.13 mile, and then angles east for approximately 0.70 mile. The segment terminates at its intersection with Segments O1 and R1, located on the west side of FM 479.

Segment Q1
Refer to Inset 4 and the main map. Segment Q1 begins at its intersection with Segments J1 and P1, located 0.25 mile north of IH 10. The segment proceeds southwest for approximately 0.14 mile, and then angles north for approximately 1.01 miles. The segment terminates at its intersection with Segments T1 and U1.

Segment R1
Refer to Inset 4 and the main map. Segment R1 begins at its intersection with Segments O1 and P1, located on the west side of FM 479. The segment proceeds north for approximately 0.61 mile, paralleling the west side of FM 479, crossing West Dry Branch. The segment then angles northeast for approximately 0.04 mile, crossing FM 479, and then angles north for approximately 0.09 mile, crossing West Dry Branch. The segment terminates at its intersection with Segments S1 and X1, located on the north side of FM 479. *This segment could begin as it exits Mountain Home Substation Site Option 1, if Option 1 is selected.*

Segment S1
Segment S1 begins at its intersection with Segments T1 and V1, located on the southwest side of FM 479. The segment proceeds east for approximately 0.13 mile and then angles to the northeast for approximately 0.03 mile, crossing FM 479. The segment then angles east for approximately 0.30 mile paralleling the north side of FM 479 and continues to the east for approximately 0.07 mile. The segment terminates at its intersection with Segments R1 and X1, located on the north side of FM 479.

Segment T1
Segment T1 begins at its intersection with Segments Q1 and U1. The segment proceeds south for approximately 0.08 mile, then angles southeast for approximately 0.26 mile, crossing Fessenden Branch and then angles south-southwest for approximately 0.09 mile. The segment then angles east-northeast for approximately 0.22 mile, then angles northeast for approximately 0.57 mile, and then angles east for approximately 0.13 mile. The segment continues east for approximately 0.17 mile, paralleling the north side of St. Claire Rd. The segment terminates at its intersection with Segments S1 and V1, located on the southwest side of FM 479.

Segment U1
Segment U1 begins at its intersection with Segments Q1 and T1. The segment proceeds west for approximately 0.15 mile, then angles north for approximately 1.06 miles and then angles east for approximately 0.12 mile. The segment terminates at its intersection with Segments W1 and M2.

Segment V1
Segment V1 begins at its intersection with Segments S1 and T1, located on the southwest side of FM 479. The segment proceeds north for approximately 1.05 miles, paralleling the west side of FM 479 and crossing an existing pipeline. The segment terminates at its intersection with Segments Y1 and T3, located on the west side of FM 479.

Segment W1
Segment W1 begins at its intersection with Segments U1 and M2. The segment proceeds east for approximately 1.31 miles, crossing Fessenden Branch and an existing pipeline. The segment terminates at its intersection with Segments K2 and T3, located on the west side of FM 479.

Segment X1
Segment X1 begins at its intersection with Segments R1 and S1, located on the north side of FM 479. The segment proceeds north for approximately 0.40 mile, crossing West Dry Branch, and then angles east for approximately 0.51 mile. The segment then angles north for approximately 0.68 mile, crossing an existing pipeline and Klein Branch Rd. The segment terminates at its intersection with Segments Y1, C2, and I2, located on the north side of Klein Branch Rd.

Segment Y1
Segment Y1 begins at its intersection with Segments V1 and T3, located on the west side of FM 479. The segment proceeds east for approximately 0.54 mile, crossing FM 479 and paralleling the south side of Klein Branch Rd. The segment then angles north for approximately 0.04 mile, and then angles east for approximately 0.48 mile, paralleling the north side of Klein Branch Rd. The segment terminates at its intersection with Segments X1, C2, and I2, located on the north side of Klein Branch Rd.

Segment Z1
Segment Z1 begins at its intersection with Segments M1 and N1. The segment proceeds northeast for approximately 0.14 mile and then angles east for approximately 0.92 mile. The segment terminates at its intersection with Segments A2 and B2.

Segment A2
Segment A2 begins at its intersection with Segments Z1 and B2. The segment proceeds north for approximately 1.79 miles, crossing an existing pipeline and Klein Branch Rd. The segment terminates at its intersection with Segments C2 and D2.

Segment B2
Segment B2 begins at its intersection with Segments Z1 and A2. The segment proceeds east for approximately 0.86 mile, then angles northeast for approximately 0.07 mile, crossing an existing pipeline. The segment then angles east for approximately 0.59 mile, crossing Duderstadt Rd. The segment then angles north for approximately 0.37 mile, paralleling the east side of Duderstadt Rd. and crossing Duderstadt Rd. The segment then curves from northeast to north for approximately 1.10 miles, paralleling the northwest side of Duderstadt Rd. and crossing Klein Branch Rd. The segment then continues north for approximately 0.58 mile, roughly paralleling the west side of FM 783. The segment terminates at its intersection with Segments E2 and F2, located on the west side of FM 783.

Segment C2
Segment C2 begins at its intersection with Segments X1, Y1, and I2, located on the north side of Klein Branch Rd. The segment proceeds east for approximately 0.51 mile, paralleling the north side of Klein Branch Rd., crossing from Kerr to Gillespie County, and crossing Miles Lane. The segment continues east for approximately 0.92 mile, then angles southeast for approximately 0.05 mile, and then angles east for approximately 0.50 mile. The segment terminates at its intersection with Segments A2 and D2.

Segment D2
Segment D2 begins at its intersection with Segments A2 and C2. The segment proceeds north for approximately 0.08 mile. The segment terminates at its intersection with Segments E2 and G2.

Segment E2
Segment E2 begins at its intersection with Segments D2 and G2, located approximately 0.14 miles west of Lang Rd. The segment proceeds east for approximately 2.00 miles, crossing Lang Rd. The segment terminates at its intersection with Segments B2 and F2, located on the west side of FM 783.

Segment F2
Segment F2 begins at its intersection with Segments B2 and E2, located on the west side of FM 783. The segment proceeds east for approximately 0.04 mile, crossing FM 783, and then angles north for

approximately 1.14 miles, paralleling the east side of FM 783 and crossing Klein Branch. The segment terminates at its intersection with Segments H2 and I3, located on the east side of FM 783.

Segment G2
Segment G2 begins at its intersection with Segments D2 and E2 located approximately 0.14 miles west of Lang Rd. The segment proceeds north for approximately 0.50 mile, crossing Klein Branch and an unnamed road, and then angles west for approximately 0.09 mile. The segment then angles north for approximately 0.54 mile. The segment terminates at its intersection with Segments H2, J2, and S2.

Segment H2
Segment H2 begins at its intersection with Segments G2, J2, and S2, located approximately 0.46 mile west of Lang Rd. The segment proceeds east for approximately 0.80 mile, crossing Lang Rd., then angles southeast for approximately 0.10 mile, and then angles east for approximately 0.44 mile. The segment then angles north for approximately 0.12 mile, and then angles east for approximately 0.77 mile, crossing FM 783. The segment terminates at its intersection with Segments F2 and I3, located on the east side of FM 783.

Segment I2
Segment I2 begins at its intersection with Segments X1, Y1, and C2, located on the north side of Klein Branch Rd. The segment proceeds north for approximately 1.03 miles. The segment terminates at its intersection with Segments J2, L2, and Q2.

Segment J2
Segment J2 begins at its intersection with Segments I2, L2, and Q2. The segment proceeds east for approximately 1.66 miles, crossing Klein Branch, from Kerr County to Gillespie County, and crossing Miles Ln. The segment then angles northeast for approximately 0.25 mile. The segment terminates at its intersection with Segments G2, H2, and S2.

Segment K2
Segment K2 begins at its intersection with Segments W1 and T3, located on the west side of FM 479. The segment proceeds north for approximately 1.04 mile, paralleling the west side of FM 479 and crossing Fessenden Branch and Lower Reservation Rd. The segment terminates at its intersection with Segments L2 and N2, located on the northwest side of the intersection of FM 479 and Lower Reservation Rd.

Segment L2
Segment L2 begins at its intersection with Segments K2 and N2, located on the northwest side of the intersection of FM 479 and Lower Reservation Rd. The segment proceeds east for approximately 1.04 miles, crossing FM 479. The segment terminates at its intersection with Segments I2, J2, and Q2.

Segment M2
Segment M2 begins at its intersection with Segments U1 and W1. The segment proceeds north for approximately 1.44 miles, crossing an existing pipeline and Lower Reservation Rd., then angles east-northeast for approximately 0.27 mile, and then angles north for approximately 0.55 mile. The segment terminates at its intersection with Segments O2 and V2.

Segment N2
Segment N2 begins at its intersection with Segments K2 and L2, located on the northwest side of the intersection of FM 479 and Lower Reservation Rd. The segment proceeds north for approximately 0.45 mile, paralleling the west side of FM 479, and then angles east for approximately 0.04 mile, crossing FM 479. The segment then angles north for approximately 0.50 mile, paralleling the east side of FM 479. The segment terminates at its intersection with Segments O2 and P2, located on the southeast side of the intersection of FM 479 and Reservation Rd.

Segment O2
Segment O2 begins at its intersection with Segments M2 and V2. The segment proceeds east for approximately 0.46 mile, paralleling the south side of Esquell Ranch Rd. and crossing FM 479. The segment then continues to the east for approximately 0.61 mile. The segment terminates at its intersection with Segments N2 and P2, located on the southeast side of the intersection of FM 479 and Reservation Rd.

Segment P2
Segment P2 begins at its intersection with Segments N2 and O2, located on the southeast side of the intersection of FM 479 and Reservation Rd. The segment proceeds east for approximately 0.07 mile, paralleling the south side of Reservation Rd. The segment terminates at its intersection with Segments R2 and W2, located on the south side of Reservation Rd.

Segment Q2
Segment Q2 begins at its intersection with Segments I2, J2, and L2. The segment proceeds north for approximately 0.94 mile, crossing Klein Branch. The segment terminates at its intersection with Segments R2 and U2, located on the south side of Reservation Rd.

Segment R2
Segment R2 begins at its intersection with Segments P2 and W2, located on the south side of Reservation Rd. The segment proceeds east for approximately 0.55 mile, paralleling the south side of Reservation Rd., then angles southeast for approximately 0.24 mile, and then angles northeast for approximately 0.18 mile, crossing Klein Branch. The segment terminates at its intersection with Segments Q2 and U2, located on the south side of Reservation Rd.

Segment S2
Segment S2 begins at its intersection with Segments G2, H2, and J2, located approximately 0.46 mile west of Lang Rd. The segment proceeds north for approximately 0.56 mile, then angles east for approximately 0.05 mile, and then angles north for approximately 0.32 mile. The segment terminates at its intersection with Segment T2 and G3.

Segment T2
Segment T2 begins at its intersection with Segments U2 and Z2, located on the south side of Reservation Rd. The segment proceeds east for approximately 0.51 mile, paralleling the south side of Reservation Rd and crossing an unnamed road and Reservation Rd. The segment continues east for approximately 0.94 mile. The segment terminates at its intersection with Segment S2 and G3.

Segment U2
Segment U2 begins at its intersection with Segments R2 and Q2, located on the south side of Reservation Rd. The segment proceeds northeast for approximately 0.14 mile, and then angles east for approximately 0.35 mile, paralleling the south side of Reservation Rd., and crossing from Kerr County to Gillespie County. The segment terminates at its intersection with Segments T2 and Z2, located on the south side of Reservation Rd.

Segment V2
Segment V2 begins at its intersection with Segments M2 and O2. The segment proceeds north for approximately 1.04 mile, crossing Esquell Ranch Rd. The segment terminates at its intersection with Segments X2 and B3.

Segment W2
Segment W2 begins at its intersection with Segments P2 and R2, located on the south side of Reservation Rd. The segment proceeds north for approximately 0.17 mile, crossing Reservation Rd., then angles northwest for approximately 0.10 mile, and then angles north for approximately 0.81 mile, paralleling the east side of FM 479. The segment terminates at its intersection with Segments Y2 and A3, located on the east side of FM 479.

Segment X2
Segment X2 begins at its intersection with Segments V2 and B3. The segment proceeds east for approximately 1.02 miles. The segment terminates at its intersection with Segments Y2 and C3, located on the west side of FM 479.

Segment Y2
Segment Y2 begins at its intersection with Segments X2 and C3, located on the west side of FM 479. The segment proceeds east for approximately 0.04 mile, crossing FM 479. The segment terminates at its intersection with Segments W2 and A3, located on the east side of FM 479.

Segment Z2
Segment Z2 begins at its intersection with Segments T2 and U2, located on the south side of Reservation Rd. The segment proceeds north for approximately 0.89 mile, crossing Reservation Rd., and then angles northwest for approximately 0.15 mile, crossing from Gillespie County to Kerr County. The segment terminates at its intersection with Segments A3 and D3.

Segment A3
Segment A3 begins at its intersection with Segments W2 and Y2, located on the east side of FM 479. The segment proceeds east for approximately 1.44 miles, crossing the Pedernales River. The segment terminates at its intersection with Segments Z2 and D3.

Segment B3
Segment B3 begins at its intersection with Segments V2 and X2. The segment proceeds north for approximately 1.01 miles, crossing from Kerr County to Kimble County, and then angles east for approximately 1.05 miles. The segment terminates at its intersection with Segments C3 and E3, located on the west side of FM 479.

Segment C3
Segment C3 begins at its intersection with Segments X2 and Y2, located on the west side of FM 479. The segment proceeds north for approximately 0.87 miles, paralleling the west side of FM 479, crossing Gibson Ranch Rd. The segment then continues north for approximately 0.16 mile, crossing from Kerr County to Kimble County. The segment terminates at its intersection with Segments B3 and E3, located on the west side of FM 479.

Segment D3
Segment D3 begins at its intersection with Segments Z2 and A3. The segment proceeds north for approximately 1.00 mile, crossing from Kerr County to Kimble County. The segment terminates at its intersection with Segments E3 and F3.

Segment E3
Segment E3 begins at its intersection with Segments B3 and C3, located on the west side of FM 479. The segment proceeds east for approximately 1.48 miles, crossing FM 479 and the Pedernales River. The segment terminates at its intersection with Segments D3 and F3.

Segment F3
Segment F3 begins at its intersection with Segments D3 and E3, located approximately 0.44 mile west of Reservation Rd. The segment proceeds east for approximately 0.46 mile, crossing from Kimble County to Gillespie County, and crossing Reservation Rd. The segment then angles southeast for approximately 0.12 mile, and then angles east for approximately 0.89 mile. The segment terminates at its intersection with Segments H3 and O3, located on the west side of Barker Rogers Rd.

Segment G3
Segment G3 begins at its intersection with Segment S2 and T2, located approximately 0.51 mile west of Lang Rd. The segment proceeds north for approximately 0.06 mile, then angles east for approximately 0.50 mile, and then angles north for approximately 0.64 mile. The segment then angles northwest for approximately 0.13 mile, and then angles north for approximately 1.06 mile. The segment terminates at its intersection with Segments H3 and L3.

Segment H3
Segment H3 begins at its intersection with Segments F3 and O3, located on the west side of Barker Rogers Rd. The segment proceeds south for approximately 0.10 mile, paralleling the west side of Barker Rogers Rd., and then angles east for approximately 0.49 mile, crossing Barker Rogers Rd. The segment terminates at its intersection with Segments G3 and L3.

Segment I3
Segment I3 begins at its intersection with Segments F2 and H2, located on the east side of FM 783. The segment proceeds north for approximately 0.89 mile, paralleling the east side of FM 783. The segment terminates at its intersection with Segments J3 and K3, located on the southeast side of the intersection of FM 783 and Ernst-Kramer Rd.

Segment J3
Segment J3 begins at its intersection with Segments I3 and K3, located on the southeast side of the intersection of FM 783 and Ernst-Kramer Rd. The segment proceeds north for approximately 1.23 miles, paralleling the east side of FM 783 and crossing Ernst-Kramer Rd., and then angles east for

approximately 0.33 mile. The segment then angles northeast for approximately 0.40 mile, crossing Michael Drive, and then angles north for approximately 0.59 mile, crossing an existing pipeline, the Pedernales River, and FM 2093. The segment terminates at its intersection with Segments K3 and M3, located on the northeast side of FM 2093.

Segment K3
Segment K3 begins at its intersection with Segments I3 and J3, located on the southeast side of the intersection of FM 783 and Ernst-Kramer Rd. The segment proceeds east for approximately 0.96 mile, crossing Ernst-Kramer Rd., and then angles north for approximately 1.40 miles, crossing Pecan Creek and Michael Drive. The segment then angles northeast for approximately 0.25 mile, crossing Zenner Rd. and the Pedernales River, and then angles north-northwest for approximately 0.28 mile, crossing an existing pipeline and FM 2093. The segment then angles northwest for approximately 0.63 mile, paralleling the northeast side of FM 2093 and crossing Banta Branch. The segment terminates at its intersection with Segments J3 and M3, located on the northeast side of FM 2093.

Segment L3
Segment L3 begins at its intersection with Segments G3 and H3, located approximately 0.48 mile east of Barker Rogers Rd. The segment proceeds east for approximately 0.56 mile, and then angles north for approximately 0.56 mile. The segment terminates at its intersection with Segments O3 and W3.

Segment M3
Refer to Inset 1. Segment M3 begins at its intersection with Segments J3 and K3, located on the northeast side of FM 2093. The segment proceeds northwest for approximately 0.40 mile, paralleling the northeast side of FM 2093. The segment terminates as it intersection with Segments P3 and R3, located on the east side of FM 2093.

Segment O3
Segment O3 begins at its intersection with Segments F3 and H3, located on the west side of Barker Rogers Rd. The segment proceeds north for approximately 0.41 mile, paralleling the west side of Barker Rogers Rd., and then angles east for approximately 0.35 mile, crossing Barker Rogers Rd. The segment then angles north for approximately 0.08 mile, then angles east for approximately 0.22 mile, and then angles southeast for approximately 0.12 mile. The segment then angles east for approximately 0.28 mile, and then angles southeast for approximately 0.10 mile. The segment terminates at its intersection with Segments L3 and W3.

Segment P3
Refer to Inset 1. Segment P3 begins at its intersection with Segments Q3 and W3, located on the east side of FM 783. The segment proceeds east for approximately 0.24 mile, crossing the Pedernales River and FM 2093. The segment terminates at its intersection with Segments M3 and R3, located on the northeast side of FM 2093.

Segment Q3
Refer to Inset 1. Segment Q3 begins at its intersection with Segments P3 and W3, located on the east side of FM 783. The segment proceeds north for approximately 0.33 mile, crossing the Pedernales River, and then angles east for approximately 0.05 mile, crossing FM 2093. The segment terminates as it enters the Harper Substation Expansion Area, located on the east side of FM 2093 approximately 0.14 mile south of U.S. 290.

Segment R3
Refer to Inset 1. Segment R3 begins at its intersection with Segments M3 and P3, located on the northeast side of FM 2093. The segment proceeds north-northwest for approximately 0.36 mile, paralleling the northeast side of FM 2093. The segment terminates as it enters the Harper Substation Expansion Area, located on the east side of FM 2093 approximately 0.14 mile south of U.S. 290.

Segment T3
Segment T3 begins at its intersection with Segments V1 and Y1, located on the west side of FM 479. The segment proceeds north for approximately 0.02 mile, paralleling the west side of FM 479. The segment terminates at its intersection with Segments W1 and K2, located on the west side of FM 479. *This segment can be used traveling south to north, as described, or north to south.*

Segment U3
Segment U3 begins at its intersection with Segments I and H4, located approximately 1.00 mile southwest of SH 27. The segment proceeds northwest for approximately 0.42 mile. The segment terminates at its intersection with Segments J and V3.

Segment V3
Segment V3 begins at its intersection with Segments J and U3. The segment proceeds northeast for approximately 0.61 mile, then angle north for approximately 0.10 mile, and then angles northwest for approximately 0.25 mile. The segment terminates at its intersection with Segments Y3 and Z3.

Segment W3
Refer to Inset 1. Segment W3 begins at its intersection with Segments L3 and O3. The segment proceeds east for approximately 0.57 mile, crossing an unnamed road, then angles east-northeast for approximately 0.43 mile, crossing an existing pipeline. Refer to Inset 1. The segment then angles north for approximately 0.06 mile, paralleling the west side of FM 783, and then angles east for approximately 0.05 mile, crossing FM 783. The segment terminates at its intersection with Segments P3 and Q3, located on the east side of FM 783.

Segment X3
Refer to Inset 2. Segment X3 begins at the existing Hunt Substation, in Kerr County. The segment exits the northeast side of the existing Hunt Substation and proceeds northeast for approximately 0.06 mile, crossing River Rd. The segment terminates at its intersection with Segments A and B, located on the northeast side of River Rd. *Segment X3 is proposed to rebuild an existing LCRA TSC 138-kV transmission line to double circuit.*

Segment Y3
Segment Y3 begins at its intersection with Segments K and A4. The segment proceeds east-southeast for approximately 0.45 mile, then angles northeast for approximately 0.48 mile, and then angles east-northeast for approximately 0.50 mile. The segment terminates at its intersection with Segments V3 and Z3.

Segment Z3
Segment Z3 begins at its intersection with Segments V3 and Y3, located approximately 0.50 mile southwest of SH 27. The segment proceeds northeast for approximately 0.55 mile, crossing Johnson

Creek and SH 27, and then angles north for approximately 0.29 mile. The segment terminates at its intersection with Segments Q and L4.

Segment A4
Segment A4 begins at its intersection with Segments K and Y3. The segment proceeds north-northeast for approximately 0.62 mile, and then angles north for approximately 0.30 mile, crossing Byas Branch. The segment then angles west for approximately 0.32 mile. The segment terminates at its intersection with Segments M and O, located on the south side of Byas Springs Rd.

Segment B4
Segment B4 begins at its intersection with Segments L and C4, located on the south side of Byas Springs Rd. The segment proceeds east for approximately 0.36 miles, paralleling the south side of Byas Springs Rd. The segment terminates at its intersection with Segments M and N, located on the south side of Byas Springs Rd.

Segment C4
Segment C4 begins at its intersection with Segments L and B4, located on the south side of Byas Springs Rd. The segment proceeds north for approximately 0.04 mile, crossing Byas Springs Rd., and then angles west for approximately 0.40 mile, paralleling the north side of Byas Springs Rd and crossing Spring Creek. The segment then angles northwest for approximately 0.38 mile, and then angles north for approximately 0.29 mile. The segment then curves from north to east for approximately 0.31 mile and then angles east-northeast for approximately 0.10 mile. The segment terminates at its intersection with Segments T and D4.

Segment D4
Segment D4 begins at its intersection with Segments T and C4. The segment proceeds north for approximately 0.43 mile. The segment terminates at its intersection with Segments U and V.

Segment E4
Refer to Inset 3 and the main map. Segment E4 begins at the existing Ingram Substation in Kerr County (see Inset 3). The segment exits the west side of the Ingram Substation and proceeds west-southwest for approximately 0.70 mile, crossing SH 27 and Johnson Creek. The segment then angles west-northwest for approximately 0.51 mile, then angles west for approximately 1.05 miles, crossing two unnamed roads, and then angles northwest for approximately 2.21 miles (refer to main map). The segment terminates at its intersection with Segments F and I. *Segment E4 is proposed to rebuild an existing LCRA TSC 138-kV transmission line to double circuit.*

Segment F4
Refer to Inset 3. Segment F4 begins at the existing Ingram Substation, in Kerr County. The segment exits the northwest side of the Ingram Substation and proceeds northwest for approximately 0.08 mile, crossing Rancho Joaquin. The segment then angles to the north-northwest for approximately 0.19 mile, paralleling the northeast side of SH 27 and crossing Brushy Branch and Turner Rd. The segment terminates at its intersection with Segments G4 and J4, located on the northeast side of SH 27.

Segment G4
Refer to Inset 3 and the main map. Segment G4 begins at its intersection with Segments F4 and J4, located on the northeast side of SH 27. The segment proceeds northwest for approximately 0.37 mile,

paralleling the northeast side of SH 27. The segment then angles southwest for approximately 0.04 mile, crossing SH 27, and then angles northwest for approximately 0.64 mile, paralleling the southwest side of SH 27, crossing an unnamed road and Henderson Branch (refer to the main map). The segment then angles to the northeast for approximately 0.04 mile, crossing SH 27. The segment then angles to the northwest for approximately 0.13 mile, paralleling the northeast side of SH 27 and crossing Ingram Hills Rd. The segment terminates at its intersection with Segments R4 and S4, located on the northeast side of SH 27.

Segment H4
Segment H4 begins at its intersection with Segments I and U3, located approximately 1.00 mile southwest of SH 27. The segment proceeds northeast for approximately 0.63 mile and then angles east-northeast for approximately 0.24 mile. The segment then angles northeast for approximately 0.20 mile, crossing Johnsons Creek and SH 27. The segment terminates at its intersection with Segments I4 and O4, located on the north side of SH 27.

Segment I4
Segment I4 begins at its intersection with Segments H4 and O4, located on the northeast side of SH 27. The segment proceeds north for approximately 0.27 mile, then angles northeast for approximately 0.23 mile, and then angles northwest for approximately 0.21 mile. The segment terminates at its intersection with Segments L4 and P4.

Segment J4
Refer to Inset 3 and the main map. Segment J4 begins at its intersection with Segments F4 and G4, located on the northeast side of SH 27. The segment proceeds north for approximately 0.33 mile, paralleling Turner Rd. The segment then continues north for approximately 0.55 mile, then angles slightly north-northeast for approximately 0.21 mile, crossing Ingram Hills Rd., and then angles slightly north for approximately 0.42 mile (refer to the main map). The segment angles slightly north-northwest for approximately 0.12 mile, crossing Henderson Branch, then angles west for approximately 0.20 mile, and then angles north for approximately 0.15 mile. The segment then curves from southwest to northwest, for approximately 0.21 mile, paralleling the south side of Henderson Branch Rd. and then continues to the northwest for approximately 0.06 mile, crossing Henderson Branch Rd. The segment terminates at its intersection with Segments Q4 and R4, located on the north side of Henderson Branch Rd.

Segment K4
Segment K4 begins at its intersection with Segments M4 and Q4. The segment proceeds west for approximately 0.25 mile, then angles south for approximately 0.18 mile, and then angles west for approximately 0.68 mile. The segment then angles northwest for approximately 0.36 mile and then angles west-southwest for approximately 0.26 mile. The segment then angles south for approximately 0.16 mile, and then angles west for approximately 0.51 mile, crossing Fall Branch and Fall Branch Rd. The segment terminates at its intersection with Segments O4, P4, and S4.

Segment L4
Segment L4 begins at its intersection with Segments I4 and P4, located approximately 0.24 mile northeast of SH 27. The segment proceeds northwest for approximately 0.67 mile, crossing Dry Branch and FM 479. The segment terminates at its intersection with Segments Q and Z3.

Segment M4
Refer to Inset 4. Segment M4 begins at its intersection with Segments K4 and Q4. The segment proceeds north for approximately 0.77 mile, crossing from Kerr County to Gillespie County, and then angles east for approximately 1.68 miles, crossing Henderson Branch. The segment then angles north, curving from north to west, for approximately 4.84 miles, paralleling the west and south sides of IH 10 and crossing Fall Branch. The segment continues west-northwest, paralleling the south side of an existing LCRA TSC 345-kV transmission line on the south side of IH 10, for approximately 1.88 miles, crossing Dry Branch. The segment then angles north for approximately 0.16 mile, crossing an existing LCRA TSC 345-kV transmission line and IH 10. The segment terminates at its intersection with Segments M1 and N4.

Segment N4
Refer to Inset 4. Segment N4 begins at its intersection with Segments M1 and M4, located on the north side of IH 10 approximately 0.2 miles east of FM 479. The segment proceeds northwest for approximately 0.13 mile, crossing Thrill Hill Rd., and then angles west for approximately 0.11 mile, crossing West Dry Branch and FM 479. The segment terminates at its intersection with Segments L1 and T4, located on the northwest side of the intersection of IH 10 and FM 479. *This segment could terminate as it enters Mountain Home Substation Site Option 3, if Option 3 is selected. This segment can be used traveling east to west, as described, or west to east.*

Segment O4
Segment O4 begins at its intersection with Segments K4, P4, and S4, located approximately 0.20 mile northeast of SH 27. The segment proceeds southwest for approximately 0.21 mile, crossing SH 27, and then angles northwest for approximately 0.62 mile, paralleling the southwest side of SH 27. The segment then angles northeast for approximately 0.04 mile, crossing SH 27, and then angles northwest for approximately 0.73 mile, paralleling the northeast side of SH 27. The segment terminates at its intersection with Segments H4 and I4.

Segment P4
Segment P4 begins at its intersection with Segments K4, O4, and S4, located approximately 0.20 mile northeast of SH 27. The segment proceeds northwest for approximately 0.73 mile and then angles north for approximately 1.02 miles. The segment then angles southwest for approximately 0.72 mile. The segment terminates at its intersection with Segments I4 and L4.

Segment Q4
Segment Q4 begins at its intersection with Segments J4 and R4, located on the north side of Henderson Branch Rd. The segment proceeds north-northwest for approximately 0.21 mile, then angles northwest for approximately 0.10 mile, and then angles north for approximately 0.32 mile. The segment then angles north-northwest for approximately 0.16 mile. The segment terminates at its intersection with Segments K4 and M4.

Segment R4
Segment R4 begins at its intersection with Segments G4 and S4, located on the north side of SH 27. The segment proceeds northwest for approximately 0.04 mile, paralleling the north side of SH 27 and crossing Henderson Branch Rd. The segment then angles northeast for approximately 0.88 mile, paralleling Henderson Branch Rd. and crossing Henderson Branch Rd. three times. The segment then angles north for approximately 0.19 mile, paralleling the east side of Henderson Branch Rd. and crossing Henderson

Branch Rd. The segment terminates at its intersection with Segments J4 and Q4, located on the north side of Henderson Branch Rd.

Segment S4

Segment S4 begins at its intersection with Segments G4 and R4, located on the northeast side of SH 27. The segment proceeds southwest for approximately 0.04 mile, crossing SH 27, and then angles west-northwest for approximately 0.62 mile, paralleling the southwest side of SH 27 and crossing an unnamed road. The segment then angles northeast for approximately 0.04 mile, crossing SH 27, and then angles west-northwest for approximately 0.52 mile, paralleling the northeast side of SH 27. The segment then angles northeast for approximately 0.07 mile, then angles northwest for approximately 0.72 mile, crossing Fall Branch Rd. The segment then angles west-northwest for approximately 0.21 mile, paralleling the northeast side of SH 27 and crossing Fall Branch. The segment then angles north-northeast for approximately 0.12 mile and then angles northwest for approximately 0.29 mile. The segment terminates at its intersection with Segments K4, O4, and P4.

Segment T4

Refer to Inset 4. Segment T4 begins at its intersection with Segments G1 and H1, located on the northwest side of the intersection of IH 10 and FM 479. The segment proceeds east for approximately 0.10 mile. The segment terminates at its intersection with Segments L1 and N4, located on the northwest side of the intersection of IH 10 and FM 479. *This segment could terminate as it enters Mountain Home Substation Site Option 3, if Option 3 is selected.*

Landowners and Transmission Line Cases at the PUC

Public Utility Commission of Texas

1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
(512) 936-7261
www.puc.state.tx.us

Effective: June 1, 2011

Purpose of This Brochure

This brochure is intended to provide landowners with information about proposed new transmission lines and the Public Utility Commission's ("PUC" or "Commission") process for evaluating these proposals. At the end of the brochure is a list of sources for additional information.

The following topics are covered in this brochure:
- How the PUC evaluates whether a new transmission line should be built,
- How you can participate in the PUC's evaluation of a line, and
- How utilities acquire the right to build a transmission line on private property.

You are receiving the enclosed formal notice because one or more of the routes for a proposed transmission line may require an easement or other property interest across your property, or the centerline of the proposed project may come within 300 feet of a house or other habitable structure on your property. This distance is expanded to 500 feet if the proposed line is greater than 230 kilovolts (kV). For this reason, your property is considered **directly affected land.** This brochure is being included as part of the formal notice process.

If you have questions about the proposed routes for a transmission line, you may contact the applicant. The applicant also has a more detailed map of the proposed routes for the transmission line and nearby habitable structures. The applicant may help you understand the routing of the project and the application approval process in a transmission line case but cannot provide legal advice or represent you. ***The applicant cannot predict which route may or may not be approved by the PUC. The PUC decides which route to use for the transmission line, and the applicant is not obligated to keep you informed of the PUC's proceedings. The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene, which is discussed below.***

The PUC is sensitive to the impact that transmission lines have on private property. At the same time, transmission lines deliver electricity to millions of homes and businesses in Texas, and new lines are sometimes needed so that customers can obtain reliable, economical power.

The PUC's job is to decide whether a transmission line application should be approved and on which route the line should be constructed. The PUC values input from landowners and encourages you to participate in this process by intervening in the docket.

PUC Transmission Line Case

Texas law provides that most utilities must file an application with the PUC to obtain or amend a Certificate of Convenience and Necessity (CCN) in order to build a new transmission line in Texas. The law requires the PUC to consider a number of factors in deciding whether to approve a proposed new transmission line.

The PUC may approve an application to obtain or amend a CCN for a transmission line after considering the following factors:
- Adequacy of existing service;
- Need for additional service;
- The effect of approving the application on the applicant and any utility serving the proximate area;
- Whether the route utilizes existing compatible rights-of-way, including the use of vacant positions on existing multiple-circuit transmission lines;
- Whether the route parallels existing compatible rights-of-way;
- Whether the route parallels property lines or other natural or cultural features;
- Whether the route conforms with the policy of prudent avoidance (which is defined as the limiting of exposures to electric and magnetic fields that can be avoided with reasonable investments of money and effort); and
- Other factors such as community values, recreational and park areas, historical and aesthetic values, environmental integrity, and the probable improvement of service or lowering of cost to consumers in the area.

If the PUC decides an application should be approved, it will grant to the applicant a CCN or CCN amendment to allow for the construction and operation of the new transmission line.

Application to Obtain or Amend a CCN:

An application to obtain or amend a CCN describes the proposed line and includes a statement from the applicant describing the need for the line and the impact of building it. In addition to the routes proposed by the applicant in its application, the possibility exists that additional routes may be developed, during the course of a CCN case, that could affect property in a different manner than the original routes proposed by the applicant.

The PUC conducts a case to evaluate the impact of the proposed line and to decide which route should be approved. Landowners who would be affected by a new line can:

- informally file a protest, or
- formally participate in the case as an intervenor.

Filing a Protest (informal comments):

If you do not wish to intervene and participate in a hearing in a CCN case, you may file **comments.** An individual or business or a group who files only comments for or against any aspect of the transmission line application is considered a "protestor."

Protestors make a written or verbal statement in support of or in opposition to the utility's application and give information to the PUC staff that they believe supports their position.

Protestors are ***not*** parties to the case, however, and *do **not** have the right to*:

- Obtain facts about the case from other parties;
- Receive notice of a hearing, or copies of testimony and other documents that are filed in the case;
- Receive notice of the time and place for negotiations;
- File testimony and/or cross-examine witnesses;
- Submit evidence at the hearing; or
- Appeal P.U.C. decisions to the courts.

If you want to make comments, you may either send written comments stating your position, or you may make a statement on the first day of the hearing. If you have not intervened, however, you will not be able to participate as a party in the hearing. Only parties may submit evidence and ***the PUC must base its decision on the evidence.***

Intervening in a Case:

To become an intervenor, you must file a statement with the PUC, no later than the date specified in the notice letter sent to you with this brochure, requesting intervenor status (also referred to as a party). This statement should describe how the proposed transmission line would affect your property. Typically, intervention is granted only to directly affected landowners. However, any landowner may request to intervene and obtain a ruling on his or her specific fact situation and concerns. A sample form for intervention and the filing address are attached to this brochure, and may be used to make your filing. A letter requesting intervention may also be used in lieu of the sample form for intervention.

If you decide to intervene and become a party in a case, you will be required to follow certain procedural rules:

- You are required to timely respond to requests for information from other parties who seek information.
- If you file testimony, you must appear at a hearing to be cross-examined.
- If you file testimony or any letters or other documents in the case, you must send copies of the documents to every party in the case and you must file multiple copies with the PUC.
- If you intend to participate at the hearing and you do not file testimony, you must at least file a statement of position, which is a document that describes your position in the case.
- Failure to comply with these procedural rules may serve as grounds for you to be dismissed as an intervenor in the case.
- If you wish to participate in the proceedings it is very important to attend any prehearing conferences.

Intervenors may represent themselves or have an attorney to represent them in a CCN case. If you intervene in a case, you may want an attorney to help you understand the PUC's procedures and the laws and rules that the PUC applies in deciding whether to approve a transmission line. The PUC encourages landowners to intervene and become parties.

Stages of a CCN Case:

If there are persons who intervene in the case and oppose the approval of the line, the PUC may refer the case to an administrative law judge (ALJ) at the State Office of Administrative Hearings (SOAH) to conduct a hearing, or the Commission may elect to conduct a hearing itself. The hearing is a formal proceeding, much like a trial, in which testimony is presented. In the event the case is referred to SOAH, the ALJ makes a recommendation to the PUC on whether the application should be approved and where and how the line should be routed.

There are several stages of a CCN case:

- The ALJ holds a prehearing conference (usually in Austin) to set a schedule for the case.
- Parties to the case have the opportunity to conduct discovery; that is, obtain facts about the case from other parties.
- A hearing is held (usually in Austin), and parties have an opportunity to cross-examine the witnesses.
- Parties file written testimony before the date of the hearing. Parties that do not file written testimony or statements of position by the deadline established by the ALJ may not be allowed to participate in the hearing on the merits.
- Parties may file written briefs concerning the evidence presented at the hearing, but are not required to do so.
- In deciding where to locate the transmission line and other issues presented by the application, the ALJ and Commission rely on factual information submitted as evidence at the hearing by the parties in the case. In order to submit factual information as evidence (other than through cross-examination of other parties' witnesses), a party must have intervened in the docket and filed written testimony on or before the deadline set by the ALJ.
- The ALJ makes a recommendation, called a **proposal for decision**, to the Commission regarding the case. Parties who disagree with the ALJ's recommendation may file exceptions.
- The Commissioners discuss the case and decide whether to approve the application. The Commission may approve the ALJ's recommendation, approve it with specified changes, send the case back to the ALJ for further consideration, or deny the application. The written decision rendered by the Commission is called a **final order**. Parties who believe that the Commission's decision is in error may file motions for rehearing, asking the Commission to reconsider the decision.
- After the Commission rule on the motion for rehearing, parties have the right to appeal the decision to district court in Travis County.
-

Right to Use Private Property

The Commission is responsible for deciding whether to approve a CCN application for a proposed transmission line. If a transmission line route is approved that impacts your property, the electric utility must obtain the right from you to enter your property and to build, operate, and maintain the transmission line. This right is typically called an easement.

Utilities may buy easements through a negotiated agreement, but they also have the power of eminent domain (condemnation) under Texas law. Local courts, not the PUC, decide issues concerning easements for rights-of-way. The PUC does not determine the value of property.

The PUC final order in a transmission case normally requires a utility to take certain steps to minimize the impact of the new transmission line on landowners' property and on the environment. For example, the order normally requires steps to minimize the possibility of erosion during construction and maintenance activities.

HOW TO OBTAIN MORE INFORMATION

The PUC's online filings interchange on the PUC website provides free access to documents that are filed with the Commission in Central Records. The docket number, also called a control number on the PUC website, of a case is a key piece of information used in locating documents in the case. You may access the Interchange by visiting the PUC's website home page at www.puc.state.tx.us and navigate the website as follows:

- Select "Filings."
- Select "Filings Search."
- Select "Filings Search."
- Enter 5-digit Control (Docket) Number. *No other information is necessary.*
- Select "Search." *All of the filings in the docket will appear in order of date filed.*
- Scroll down to select desired filing.
- Click on a blue "Item" number at left.
- Click on a "Download" icon at left.

Documents may also be purchased from and filed in Central Records. For more information on how to purchase or file documents, call Central Records at the PUC at 512-936-7180.

PUC Substantive Rule 25.101, Certification Criteria, addresses transmission line CCNs and is available on the PUC's website, or you may obtain copies of PUC rules from Central Records.

Always include the docket number on all filings with the PUC. You can find the docket number on the enclosed formal notice. Send documents to the PUC at the following address.

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Avenue
P.O. Box 13326
Austin, TX 78711-3326

The information contained within this brochure is not intended to provide a comprehensive guide to landowner rights and responsibilities in transmission line cases at the PUC. This brochure should neither be regarded as legal advice nor should it be a substitute for the PUC's rules. However, if you have questions about the process in transmission line cases, you may call the PUC's Legal Division at 512-936-7261. The PUC's Legal Division may help you understand the process in a transmission line case but cannot provide legal advice or represent you in a case. You may choose to hire an attorney to decide whether to intervene in a transmission line case, and an attorney may represent you if you choose to intervene.

Communicating with Decision-Makers

Do not contact the ALJ or the Commissioners by telephone or email. They are not allowed to discuss pending cases with you. They may make their recommendations and decisions only by relying on the evidence, written pleadings, and arguments that are presented in the case.

Request to Intervene in PUC Docket No. _____

The following information must be submitted by the person requesting to intervene in this proceeding. This completed form will be provided to all parties in this docket. **If you DO NOT want to be an intervenor, but still want to file comments, please complete the "Comments" page.**

Mail this completed form and 10 copies to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, TX 78711-3326

First Name: _____ Last Name: _____

Phone Number: _____ Fax Number: _____

Address, City, State: _____

I am requesting to intervene in this proceeding. As an INTERVENOR, I understand the following:

- I am a party to the case;
- I am required to respond to all discovery requests from other parties in the case;
- If I file testimony, I may be cross-examined in the hearing;
- If I file any documents in the case, I will have to provide a copy of that document to every other party in the case; and
- I acknowledge that I am bound by the Procedural Rules of the Public Utility Commission of Texas (PUC) and the State Office of Administrative Hearings (SOAH).

Please check one of the following:

☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.

☐ One or more of the utility's proposed routes would cross my property.

☐ Other. Please describe and provide comments. You may attach a separate page, if necessary. _____

_____

_____

_____

_____

Signature of person requesting intervention:

_____ Date: _____

Effective: January 1, 2003

Comments in Docket No. _____

<u>If you want to be a PROTESTOR only, please complete this form.</u> Although public comments are not treated as evidence, they help inform the PUC and its staff of the public concerns and identify issues to be explored. The PUC welcomes such participation in its proceedings.

Mail this completed form and 10 copies to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, TX 78711-3326

First Name: _____ Last Name: _____

Phone Number: _____ Fax Number: _____

Address, City, State: _____

I am NOT requesting to intervene in this proceeding. As a PROTESTOR, I understand the following:

- I am NOT a party to this case;
- My comments are not considered evidence in this case; and
- I have no further obligation to participate in the proceeding.

Please check one of the following:

☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.

☐ One or more of the utility's proposed routes would cross my property.

☐ Other. Please describe and provide comments. You may attach a separate page, if necessary. _____

_____

_____

_____

_____

Signature of person submitting comments:

_____ Date: _____