

ATTACHMENT 13

Newspaper Notices

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Application of CenterPoint Energy Houston Electric, LLC to Amend a Certificate of Convenience and Necessity for a Proposed 138 kV Transmission Line within Chambers County, Texas

PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 55365

This notice is provided to inform you of CenterPoint Energy Houston Electric, LLC's (CenterPoint Energy) intent to construct a 138 kilovolt (kV) double-circuit transmission line from CenterPoint Energy's existing transmission line that crosses SH146, about 0.6 miles due north of I-10 to one of two proposed substation sites; located on the east side of Needlepoint Rd and north of Kilgore Parkway (29°48'27.84"N, 94°52'8.25"W) or north of Kilgore Parkway ¾ mile east of the Grand Parkway (29°48'27.21"N, 94°52'47.03"W). The proposed transmission line will be approximately 2.27 to 5.66 miles long depending upon the route certificated by the Public Utility Commission of Texas (PUC). The estimated cost of this project ranges from approximately \$59,741,000 to \$98,779,000.

If you have questions about the transmission line, you can visit our Kilgore Substation project website at <https://www.centerpointenergy.com/kilgoresubstation>, contact Mr. Wes Padgett at (713) 207-6490, or e-mail kilgoresubstation@centerpointenergy.com.

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

Persons who are affected by the proposed transmission line and wish to intervene in the docket or comment on CenterPoint Energy's application should mail the original request for intervention and 10 copies of their request or their comments to:

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

Persons 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 persons that have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. ***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 the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

Pursuant to Commission Order No. 1 in this docket, issued August 16, 2023, the deadline to file a motion in this proceeding is 30 days from the date CenterPoint Energy filed its application. CenterPoint Energy filed its application on August 30, 2023. Accordingly, the deadline for intervention in the docket is September 29, 2023, and the PUC should receive a letter from anyone requesting intervention by that date.

The PUC has a brochure entitled "Landowners and Transmission Line Cases at the PUC." Copies of the brochure are available from Wes Padgett at (713) 207-6490 or may be downloaded from the PUC's website at www.puc.state.tx.us. To obtain additional information about this docket, you may contact the PUC's Customer Assistance Hotline (512) 936-7120 or (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. 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.

**CenterPoint Energy Houston Electric, LLC
138 kV Kilgore Substation Project in
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Description of the Proposed Alternative Routes**

CenterPoint Energy Houston Electric, LLC (“CenterPoint Energy”) has filed an application with the Public Utility Commission of Texas (“PUC”) to obtain a Certificate of Convenience and Necessity (“CCN”) to construct the proposed 138 kV Kilgore Substation Project in Chambers County, Texas. In its CCN application for this project, CenterPoint Energy has presented twenty alternative routes comprised of 76 segments for consideration by the PUC. The following table lists the link combinations that make up CenterPoint Energy’s twenty alternative routes and the length of each alternative route in miles. **All routes and route links 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.**

| Proposed Alternative Route Number | Segment Composition | Length (Miles) |
|---|---|-------------------|
| 1 | B1-C1-D2-E3-F2-G2-H1-K1-L2-M12-M13 | 3.27 |
| 2 | B1-D3-E1-E2-F3-G3-H2-K2-K3-M2-M11-M13 | 2.93 |
| 3 | B1-D3-E3-F1-F3-G3-H2-K2-K3-M2-N21-N23 | 2.75 |
| 4 | B1-D3-E3-F2-G1-G3-H2-I1-K4-N31-N33 | 3.19 |
| 5 | A1-B2-C2-C1-D1-E2-F3-G4-K1-L2-M12-M13 | 3.08 |
| 6 | A1-B2-C3-C4-E4-K5-M5-M41-M42-M3-M2-M11-M13 | 2.69 |
| 7 | A1-B2-C3-C4-E4-K5-M-M41-M42-N31-O33 | 2.27 |
| 8 | A2-B3-B5-C4-E4-K5-N5-O31-O33 | 2.55 |
| 9 | A2-B3-C5-D5-D4-E4-K5-M5-M41-M42-N31-N33 | 2.44 |
| 10 | A2-B3-C5-D5-E5-I3-I2-K4-N31-N33 | 2.49 |
| 11 | A2-B3-C5-D5-E5-I3-K5-N5-O31-O33 | 2.50 |
| 12 | A2-B3-C5-D5-E5-K6-N5-O31-O33 | 2.52 |
| 13 | A2-B4-C6-D6-D5-D4-E4-K5-M15-M41-M42-M3-M2-N21-N23 | 2.99 |
| 14 | A2-B4-C7-E6-I4-I3-I2-I1-K2-K3-M2-N21-N23 | 2.97 |
| 15 | A3-A4-S3-Q1-P1-P4-N42-N41-M41-M42-M3-M2-N21-N23 | 5.42 |
| 16 | A3-A4-S3-Q1-P1-P4-O31-O33 | 4.43 |
| 17 | A3-A4-S3-Q1-P1-P4-O31-O33 | 4.55 |
| 18 | A3-A4-S3-R2-Q2-P2-P1-P4-O31-O32-N32-N31-M3-M2-N21-N23 | 5.66 |
| 19 | A3-A4-S3-R2-Q2-P3-P4-O31-O33 | 4.63 |
| 20 | A3-I5-I3-I2-I1-K2-K3-M2-N21-N23 | 3.89 |

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

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The following narrative, along with the enclosed map, provides a detailed description of the Segments that form the twenty alternative routes for consideration by the PUC for the 138 kV Kilgore Substation Project.

Note: A “pipeline corridor”, as referenced in the segment descriptions below, may contain more than one pipeline.

Link A1

Link A1 begins at an existing transmission line and proceeds in an east northeasterly direction approximately 80 feet to the intersection of Links A1 and B2. This segment crosses an existing transmission line.

Link A2

Link A2 begins at an existing transmission line and proceeds in a south southeasterly direction approximately 410 feet to an angle point. From this angle point, Link A2 proceeds in a southerly direction approximately 450 feet to an angle point. From this angle point, Link A2 proceeds in a southerly direction approximately 410 feet to an angle point. From this angle point, Link A2 proceeds in an east southeasterly direction for approximately 370 feet to the intersection of Links A2, B3, and B4.

Link A3

Link A3 begins at an existing transmission line and proceeds in a southwesterly direction approximately 160 feet. This segment of Link A3 crosses a highly volatile liquids pipeline, a refined liquids pipeline, a natural gas pipeline, and two existing transmission lines. From this angle point, Segment A3 proceeds in a southeasterly direction approximately 1,770 feet to an angle point. This segment of Link A3 crosses two highly volatile liquids pipelines. From this angle point, Link A3 proceeds in a southerly direction approximately 2,790 feet to the intersection of Links A3, A4 and I5. This segment of Link A3 crosses an unnamed stream, three highly volatile liquid pipelines, IH 10, and a natural gas pipeline and another unnamed stream.

Link A4

From the intersection of Links A3, A4, and I5, Link A4 proceeds in a southerly direction approximately 3,200 feet to an angle point. This segment of Link A4 crosses Old Needlepoint Road. From this angle point, Link A4 proceeds in a south southeasterly direction approximately 5,120 feet to the intersection of Links A4 and S3. This segment of Link A4 crosses an unnamed stream, Lynwood Drive, a highly volatile liquids pipeline, a railroad, Pinehurst Road, El Chaco Rd, two natural gas pipelines, a crude oil pipeline, and a highly volatile liquids pipeline.

Link B1

Link B1 begins at an existing transmission line and proceeds in an east northeasterly direction approximately 1,210 feet to a slight angle point. This segment of Link B1 crosses an unnamed stream. From this slight angle point, Link B1 proceeds in a northeasterly direction approximately 460 feet to an angle point. This segment of Link B1 crosses a crude oil pipeline, two highly volatile liquids pipelines and another gas pipeline. From this angle point, Link B1 proceeds in a southeasterly direction approximately 1,380 feet to the intersection of Links B1, C1, C2, and D3. This segment of Link B1 crosses an unnamed stream.

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Link B2

From the intersection of Links A1 and B2, Link B2 proceeds in a south southeasterly direction approximately 330 feet to the intersection of Links B2, C2, and C3. Link B2 crosses Langston Drive.

Link B3

From the intersection of Links A2, B3, and B4, Link B3 proceeds in a south southeasterly direction approximately 770 feet to an angle point. This segment of Link B3 crosses an unnamed stream, two highly volatile liquid pipelines, and Langston Drive. From this angle point, Link B3 proceeds in a southeasterly direction approximately 520 feet to the intersection of Links B3, B5, and C5.

Link B4

From the intersection of Links A2, B3, and B4, Link B4 proceeds in a southerly direction approximately 640 feet to an angle point. This segment of Link B4 crosses an unnamed stream, two highly volatile liquid pipelines, and Langston Drive. From this angle point, Link B4 proceeds in a southwesterly direction for approximately 430 feet to an angle point. From this angle point, Link B4 proceeds in a south southeasterly direction approximately 1,100 feet to the intersection of Links B4, C6, and C7. This segment of Link B4 crosses IH 10.

Link B5 (bi-directional)

From the intersection of Links B5, C3, and C4, Link B5 proceeds in a west southwesterly direction approximately 560 feet to the intersection of Links B3, B5, and C5.

Link C1

From the intersection of Links B1, C1, C2, and D3, Link C1 proceeds in a northeasterly direction approximately 1,160 feet to the intersection of Links C1, D1, and D2. Link C1 crosses twelve highly volatile liquid pipelines, three natural gas pipelines, a crude oil pipeline, and another gas pipeline.

Link C2

From the intersection of Links B2, C2, and C3, Link C2 proceeds in a northeasterly direction approximately 1,970 feet to the intersection of Links B1, C1, C2, and D3. Link C2 crosses an unnamed stream, a crude oil pipeline, two highly volatile liquid pipelines, and another gas pipeline.

Link C3

From the intersection of Links B2, C2, and C3, Link C3 proceeds in a west southwesterly direction approximately 1,460 feet to an angle point. This segment of Link C3 crosses nine highly volatile liquid pipelines, one refined liquid product pipeline, an existing transmission line, and another gas pipeline. From this angle point, Link C3 proceeds in a south southeasterly direction approximately 550 feet to the intersection of Links B5, C3, and C4.

Link C4

From the intersection of Links B5, C3, and C4, Link C4 proceeds in a south southeasterly direction approximately 320 feet to an angle point. From this angle point, Link C4 proceeds in an easterly direction approximately 690 feet to an angle point. This segment of Link C4 crosses nine highly volatile liquid pipelines, 2 other gas pipelines, a natural gas pipeline, a crude oil pipeline, and a refined liquid product

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pipeline. From this angle point, Link C4 proceeds in a south southeasterly direction approximately 970 feet to the intersection of Links C4, D4, and E4. This segment of Link C4 crosses IH 10.

Link C5

From the intersection of Links B3, B5, and C5, Link C5 proceeds in a south southeasterly direction approximately 250 feet to a slight angle point. From this slight angle point, Link C5 proceeds in a south southeasterly direction approximately 400 feet to a slight angle point. This segment of Link C5 crosses IH 10. From this slight angle point, Link C5 proceeds in a south southeasterly direction approximately 660 feet to the intersection of Links C5, D5, and D6. This segment of Link C5 crosses an unnamed stream.

Link C6

From the intersection of Links B4, C6, and C7, Link C6 proceeds in a south southeasterly direction approximately 600 feet to a slight angle point. From this slight angle point, Link C6 proceeds in a southeasterly direction approximately 390 feet to the intersection of Links C6 and Link D6. This segment of Link C6 crosses an unnamed stream.

Link C7

From the intersection of Links B4, C6, and C7, Link C7 proceeds in a south southeasterly direction approximately 1,060 feet to the intersection of Links C7 and E6. Link C7 crosses an unnamed stream.

Link D1

From the intersection of Links C1, D1, and D2, Link D1 proceeds in an east northeasterly direction approximately 390 feet to an angle point. From this angle point Link D1 proceeds in an east southeasterly direction approximately 610 feet to an angle point. This segment of Link D1 crosses Cedar Point Lateral. From this angle point, Link D1 proceeds in a south southeasterly direction approximately 1,030 feet to an angle point. From this angle point, Link D1 proceeds in a south southeasterly direction approximately 610 feet to the intersection of Links D1, E1, and E2. This segment of Link D1 crosses nine highly volatile liquid pipelines.

Link D2

From the intersection of Links C1, D1, and D2, Link D2 proceeds in a south southeasterly direction approximately 1,420 feet to an angle point. From this angle point, Link D2 proceeds in a southeasterly direction approximately 600 feet to the intersection of Links D2, D3, E1, and E3. This segment of Link D2 crosses seven highly volatile liquid pipelines.

Link D3

From the intersection of Links C1, C2, B1, and D3, Link D3 proceeds in a southeasterly direction for approximately 1,950 feet to an angle point. This segment of Link D3 crosses a crude oil pipeline, a natural gas pipeline, nine highly volatile liquid pipelines, and another gas pipeline. From this angle point, Link D3 proceeds east northeasterly direction approximately 1,200 feet to the intersection of Links D2, D3, E1, and E3. This segment of Link D3 crosses a highly volatile liquid pipeline and an unnamed waterbody.

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Link D4 (bi-directional)

From the intersection of Links C4, D4, and E4, Link D4 proceeds in a westerly direction approximately 330 feet to an angle point. This segment of Link D4 crosses six highly volatile liquid pipelines, another gas pipeline, a natural gas pipeline, and a crude oil pipeline. From this angle point, Link D4 proceeds in a west, southwesterly direction approximately 440 feet to the intersection of Links D4, D5, and E5. This segment of Link D4 crosses four highly volatile liquid pipelines, another gas pipeline, a refined liquid product pipeline, and an unnamed stream.

Link D5

From the intersection of Links C5, D5, and D6, Link D5 proceeds in an east northeasterly direction approximately 340 feet to the intersection of Links D4, D5, and E5.

LinkD6

From the intersection of Links C6 and D6, Link D6 proceeds in an east northeasterly direction approximately 850 feet to the intersection of Links C5, D5, and D6.

Link E1

From the intersection of Links D2, D3, E1, and E3, Link E1 proceeds in an east northeasterly direction approximately 500 feet to the intersection of Links D1, E1, and E2. Link E1 crosses two highly volatile liquid pipelines and Cedar Point Lateral.

Link E2

From the intersection of Links D1, E1, and E2, Link E2 proceeds in a south southeasterly direction approximately 830 feet to an angle point. This segment of Link E2 crosses a natural gas pipeline. From this angle point, Link E2 proceeds in a southerly direction approximately 460 feet to the intersection of Links E2, F1, and F3.

Link E3

From the intersection of Links D2, D3, E1, and E3, Link E3 proceeds in a south southeasterly direction approximately 1,210 feet to the intersection of Links E3, F1, and F2. Link E3 crosses two highly volatile liquid pipelines.

Link E4

From the intersection of Links C4, D4, and E4, Link E4 proceeds in a south southeasterly direction approximately 1,150 feet to a slight angle point. This segment of Link E4 crosses an unnamed stream. From this slight angle point, Link E4 proceeds in a south southeasterly direction approximately 460 feet to a slight angle point. From this slight angle point, Link E4 proceeds in a south southeasterly direction approximately 290 feet to the intersection of Links E4, I2, I3, and K5. This segment of Link E4 crosses Old Needle Point Road.

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Link E5

From the intersection of Links D4, D5, and E5, Link E5 proceeds in a south southeasterly direction approximately 1,520 feet to an angle point. From this angle point, Link E5 proceeds in a southeasterly direction approximately 400 feet to the intersection of Links E5, I3, I4, and K6. This segment of Link E5 crosses Old Needle Point Road.

Link E6

From the intersection of Links C7 and E6, Link E6 proceeds in a south southeasterly direction approximately 1,080 feet to an angle point. From this angle point, Link E6 proceeds in an easterly direction approximately 510 feet to an angle point. From this angle point, Link E6 proceeds in an easterly direction approximately 640 feet to the intersection of Links E5, I4, and I5. This segment of Link E6 crosses Old Needle Point Road.

Link F1 (bi-directional)

From the intersection of Links E3, F1, and F2, Link F1 proceeds in an easterly direction approximately 310 feet to the intersection of Links E2, F1, and F3. Link F1 crosses Cedar Point Lateral and a natural gas pipeline.

Link F2

From the intersection of Links E3, F1, and F2, Link F2 proceeds in a southerly direction approximately 450 feet to the intersection of Links F2, G1, and G2. Link F2 crosses IH 10.

Link F3

From the intersection of Links E2, F1, and F3, Link F3 proceeds in a southerly direction approximately 450 feet to the intersection of Links F3, G1, G3, and G4. Link F3 crosses a natural gas pipeline and IH 10.

Link G1 (bi-directional)

From the intersection of Links F2, G1, and G2, Link G1 proceeds in an easterly direction approximately 350 feet to the intersection of Links F3, G1, G3, and G4. Link G1 crosses Cedar Point Lateral, Needlepoint Road, and a natural gas pipeline.

Link G2

From the intersection of Links F2, G1, and G2, Link G2 proceeds in a south southwesterly direction approximately 370 feet to an angle point. From this angle point, Link G2 proceeds in southerly direction approximately 670 feet to an angle point. From this angle point, Link G2 proceeds in an easterly direction approximately 500 feet to the intersection of Links G2, G3, H1, and H2. This segment of Link G2 crosses Cedar Point Lateral and Needlepoint Road.

Link G3

From the intersection of Links F3, G1, G3, and G4, Link G3 proceeds in a southerly direction approximately 450 feet to a slight angle point. This segment of Link G3 crosses a natural gas pipeline. From this slight angle point, Link G3 proceeds in a southerly direction approximately 570 feet to the intersection of Links G2, G3, H1, and H2.

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Link G4 (bi-directional)

From the intersection of Links F3, G1, G3, and G4, Link G4 proceeds in an easterly direction approximately 1,230 feet to an angle point. From this angle point, Link G4 proceeds in an east southeasterly direction approximately 410 feet to an angle point. This segment of Link G4 crosses an unnamed stream. From this angle point, Link G4 proceeds in a south southeasterly direction approximately 1,020 feet to the intersection of Link G4, H1, and K1.

Link H1

From the intersection of Links G2, G3, H1, and H2, Link H1 proceeds in an easterly direction approximately 2,130 feet to the intersection of Links G4, H1, and K1. Link H1 crosses a natural gas pipeline and an unnamed stream.

Link H2 (bi-directional)

From the intersection of Links G2, G3, H1, and H2, Link H2 proceeds in a southerly direction approximately 1,790 feet to an angle point. From this angle point, Link H2 proceeds in a west southwesterly direction approximately 350 feet to the intersection of Links H2, I1, and K2. This segment of Link H2 crosses Needlepoint Road and Cedar Point Lateral.

Link I1 (bi-directional)

From the intersection of Links I1, I2, and K4, Link I1 proceeds in an easterly direction approximately 1,830 feet to the intersection of Links H2, I1, and K2. Link I1 crosses a crude oil pipeline.

Link I2

From the intersection of Links E4, I2, I3, and K5, Link I2 proceeds in an easterly direction approximately 2,420 feet to the intersection of Links I1, I2, and K4. Link I2 crosses seven highly volatile liquid pipelines.

Link I3

From the intersection of Links E5, I3, I4, and K6, Link I3 proceeds in an easterly direction approximately 600 feet to the intersection of Links E4, I2, I3, and K5. Link I3 crosses 10 highly volatile liquid pipelines, two other gas pipelines, a refined liquid product pipeline, a natural gas pipeline, and a crude oil pipeline.

Link I4

From the intersection of Links E6, I4, and I5, Link I4 proceeds in an easterly direction approximately 560 feet to the intersection of Links E5, I3, I4, and K6.

Link I5

From the intersection of Links A3, A4, and I5, Link I5 proceeds in an easterly direction approximately 1,360 feet to an angle point. This segment of Link I5 crosses a highly volatile liquid pipeline, two existing transmission lines, a refined liquid pipeline, and a natural gas pipeline. From this angle point, Link I5 proceeds in a south southwesterly direction approximately 1,180 feet to an angle point. From this angle point, Link I5 proceeds in a southeasterly direction approximately 530 feet to an angle point. From this angle point, Link I5 proceeds in an east northeasterly direction approximately 600 feet to an angle point. This segment of Link I5 crosses two highly volatile liquid pipelines, a natural gas pipeline, another gas pipeline, and SH 146. From this angle point, Link I5 proceeds in an easterly direction approximately 510

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feet to an angle point. This segment of Link I5 crosses a natural gas pipeline and Old Needle Point Road. From this angle point, Link I5 proceeds in an east northeasterly direction approximately 1,990 feet to a slight angle point. From this slight angle point, Link I5 proceeds in an east northeasterly direction approximately 670 feet to an angle point. This segment of Link I5 crosses a natural gas pipeline. From this angle point, Link I5 proceeds in an easterly direction approximately 420 feet to the intersection of Links E6, I4, and I5.

Link K1

From the intersection of Links G4, H1, and K1, Link K1 proceeds in south southeasterly direction approximately 540 feet to a slight angle point. From this slight angle point, Link K1 proceeds in a south southeasterly direction approximately 1,380 feet to an angle point. From this angle point, Link K1 proceeds in a southerly direction approximately 420 feet to the intersection of Links K1 and L2.

Link K2

From the intersection of Links H2, I1, and K2, Link K2 proceeds in a south southeasterly direction approximately 420 feet to the intersection of Links K2 and K3.

Link K3

From the intersection of Links K2 and K3, Link K3 proceeds in a south southeasterly direction approximately 160 feet to a slight angle point. From this slight angle point, Link K3 proceeds in a southerly direction approximately 710 feet to a slight angle point. From this slight angle point, Link K3 proceeds in a southerly direction approximately 580 feet to the intersection of Links K3, M2, and M3. This segment of Link K3 crosses an unnamed stream.

Link K4

From the intersection of Links I1, I2, and K4, Link K4 proceeds in a southerly direction approximately 1,860 feet to the intersection of Links K4, M3, M42, and N31. Link K4 crosses an unnamed stream.

Link K5

From the intersection of Links E4, I2, I3, and K5, Link K5 proceeds in a south southeasterly direction approximately 1,190 feet to an angle point. From this angle point, Link K5 proceeds in a southeasterly direction approximately 370 feet to an angle point. From this angle point, Link K5 proceeds in a southerly direction approximately 420 feet to the intersection of Links K5, K6, M5, and N5. This segment of Link K5 crosses an unnamed stream.

Link K6

From the intersection of Links E5, I3, I4, and K6, Link K6 proceeds in a south southeasterly direction approximately 1,910 feet to an angle point. This segment of Link K6 crosses a natural gas pipeline, and an unnamed stream. From this angle point, Link K6 proceeds in an easterly direction approximately 790 feet to the intersection of Links K5, K6, M5, and N5. This segment of Link K6 crosses ten highly volatile liquid pipelines, two other gas pipelines, two natural gas pipelines, a refined liquid product pipeline, a crude oil pipeline, and an unnamed stream.

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Link L2

From the intersection of Links K1 and L2, Link L2 proceeds in a southerly direction approximately 600 feet to an angle point. From this angle point, Link L2 proceeds in a south southwesterly direction approximately 1,070 feet to the intersection of Links L2 and M12. This segment of Link L2 crosses an unnamed stream.

Link M11

From the intersection Links M11, M12, and M13, Link M11 proceeds in a westerly direction approximately 1,120 feet to the intersection of Links M11, M2, and N21.

Link M12

From the intersection of Links L2 and M12, Link M12 proceeds in a westerly direction approximately 1,080 feet to the intersection of Links M11, M12, and M13.

Link M13

From the intersection of Links M11, M12, and M13, Link M13 proceeds in a southerly direction approximately 600 feet to a potential endpoint.

Link M2 (bi-directional)

From the intersection of Links K3, M2, and M3, Link M2 proceeds in an easterly direction approximately 310 feet to the intersection of Links M11, M2, and N21. Link M2 crosses Cedar Point Lateral, Needlepoint Road, and a natural gas pipeline.

Link M3 (bi-directional)

From the intersection of Links K4, M3, M42, and N31, Link M3 proceeds in an easterly direction approximately 1,990 feet to the intersection of Links K3, M2, and M3. Link M3 crosses a crude oil pipeline.

Link M41 (bi-directional)

From the intersection of Links M41, M5, and N41, Link M41 proceeds in an easterly direction approximately 720 feet to the intersection of Links M41 and M42. Link M41 crosses an unnamed stream and nine highly volatile liquid pipelines.

Link M42 (bi-directional)

From the intersection of Links M41 and M42, Link M42 proceeds in an easterly direction approximately 620 feet to the intersection of Links K4, M3, M42, and N31. Link M42 crosses an unnamed stream.

Link M5

From the intersection of Links K5, K6, M5, and N5, Link M5 proceeds in a westerly direction approximately 540 feet to the intersection of Links M41, M5, and N41.

Link N21

From the intersection of Links M11, M2, and N21, Link N21 proceeds in a southerly direction approximately 400 feet to the intersection of Links N21 and N23.

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Link N23

From the intersection of Links N21 and N23, Link N23 proceeds in a westerly direction approximately 600 feet to a potential endpoint.

Link N31

From the intersection of Links K4, M3, M42, and N31, Link N31 proceeds in a southerly direction approximately 1,200 feet to the intersection of Links N31, N32, and N33.

Link N32 (bi-directional)

From the intersection of Links N32 and O32, Link N32 proceeds in a north northwesterly direction approximately 730 feet to the intersection of Links N31, N32, and N33.

Link N33

From the intersection of Links N31, N32, and N33, Link N33 proceeds in a westerly direction approximately 590 feet to a potential endpoint.

Link N41 (bi-directional)

From the intersection of Links M41, M5, and N41, Link N41 proceeds in a southerly direction approximately 1,140 feet to the intersection of Links N41, and N42.

Link N42 (bi-directional)

From the intersection of Links N41 and N42, Link N42 proceeds in a southerly direction approximately 1,180 feet to the intersection of Links N42, N5, O31, and P4. Link N42 crosses two highly volatile liquid pipelines.

Link N5 (bi-directional)

From the intersection of Links K5, K6, M5, and N5, Link N5 proceeds in a south southeasterly direction approximately 1,800 feet to an angle point. From this angle point, Link N5 proceeds in a south southeasterly direction approximately 600 feet to the intersection of Links N42, N5, O31, and P4. This segment of Link N5 crosses two highly volatile liquid pipelines.

Link O31

From the intersection of Links N42, N5, O31, and P4, Link O31 proceeds in an east northeasterly direction approximately 1,120 feet to the intersection of Links O31, O32, and O33. Link O31 crosses an unnamed stream and seven highly volatile liquid pipelines.

Link O32

From the intersection of Links O31, O32, and O33, Link O32 proceeds in an east northeasterly direction approximately 420 feet to the intersection of Links N32 and O32. Link O32 crosses an unnamed stream.

Link O33

From the intersection of Links O31, O32, and O33, Link O33 proceeds in a north northwesterly direction approximately 600 feet to a potential endpoint.

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Link P1

From the intersection of Links P1, P2, and Q1, Link P1 proceeds in a northerly direction approximately 470 feet to an angle point. This segment of Link P1 crosses a natural gas pipeline. From this angle point, Link P1 proceeds in an east northeasterly direction approximately 1,880 feet to the intersection of Links P1, P3, and P4.

Link P2 (bi-directional)

From the intersection of Links P2, P3, and Q2, Link P2 proceeds in a northwesterly direction approximately 500 feet to the intersection of Links P1, P2, and Q1. Link P2 crosses two natural gas pipelines, seven highly volatile liquid pipelines, a crude oil pipeline, a refined liquid product pipeline, and two other gas pipelines.

Link P3

From the intersection of Links P2, P3, and Q2, Link Q2 proceeds in an east northeasterly direction approximately 1,520 feet to an angle point. This segment of Link P3 crosses two highly volatile liquid pipelines. From this angle point, Link P3 proceeds in a northerly direction approximately 970 feet to the intersection of Links P1, P3, and P4. This segment of Link P3 crosses ten highly volatile liquid pipelines, two other gas pipelines, three natural gas pipelines, a refined liquid product pipeline, and a crude oil pipeline.

Link P4

From the intersection of Links P1, P3 and P4, Link P4 proceeds in a northeasterly direction approximately 620 feet to the intersection of Links N42, N5, O31, and P4. Link P4 crosses twelve highly volatile liquid pipelines, two other gas pipelines, two natural gas pipelines, a refined liquid product pipeline, a crude oil pipeline, an unnamed stream, and Kilgore Parkway.

Link Q1

From the intersection of Links R2, S3, and Q1, Link Q1 proceeds in a northwesterly direction approximately 640 feet to an angle point. This segment of Link Q1 crosses a highly volatile liquid pipeline, a crude oil pipeline, and two natural gas pipelines. From this angle point, Link Q1 proceeds in an east northeasterly direction approximately 3,080 feet to an angle point. This segment of Link Q1 crosses four natural gas pipelines and an unnamed stream. From this angle point, Link Q1 proceeds in an east northeasterly direction approximately 570 feet to the intersection of Links P1, P2, and Q1.

Link Q2

From the intersection of Links Q2 and R2, Link Q2 proceeds in an east northeasterly direction approximately 2,520 feet to an angle point. This segment of Link Q2 crosses Horsepen Bayou, and two natural gas pipelines. From this angle point, Link Q2 proceeds in an east northeasterly direction approximately 1,540 feet to an angle point. From this angle point, Link Q2 proceeds in a north northeasterly direction approximately 430 feet to the intersection of Links P2, P3, and Q2. This segment of Link Q2 crosses an unnamed stream.

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Link R2 (bi-directional)

From the intersection of Links Q2 and R2, Link R2 proceeds in a north northwesterly direction approximately 710 feet to the intersection of Links Q1, R2, and S3. Link R2 crosses two other gas pipelines, six highly volatile liquid pipelines, a natural gas pipeline, and a refined liquid product pipeline.

Link S3

From the intersection of Links A4 and S3, Link S3 proceeds in an east northeasterly direction approximately 1,390 feet to the intersection of Links Q1, R2, and S3. Link S3 crosses two highly volatile liquid pipelines, a refined liquid product pipeline, a natural gas pipeline, two existing transmission lines, and a railroad.

ONLY ONE MULTI-SEGMENT
TRANSMISSION LINE ROUTE WILL
ULTIMATELY BE CONSTRUCTED

CITY OF
MONT
BELVIEU

CEDAR
POINT
LATERAL

146
TEXAS

99
TEXAS

10

CEDAR
BAYOU

10

CITY OF
BAYTOWN

HARRIS COUNTY
CHAMBERS COUNTY

146
TEXAS

KILGORE PKWY

OLD NEEDLEPOINT RD

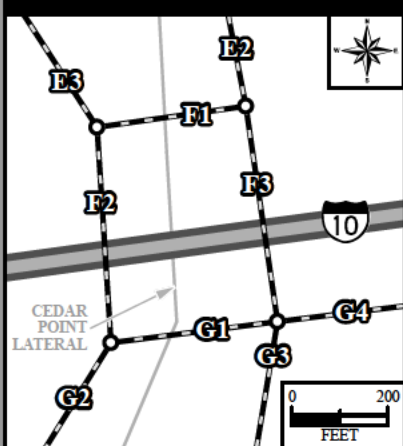
99
TEXAS

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POINT
LATERAL

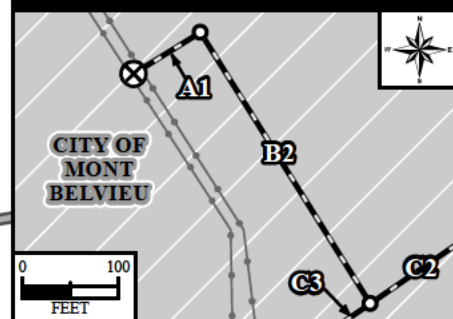
HORSEPEN
BAYOU

565

MAP INSET 1



MAP INSET 2



KILGORE SUBSTATION 138 kV TRANSMISSION LINE PROJECT

PROPOSED ALTERNATIVE
ROUTES

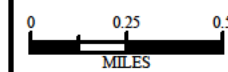
CenterPoint
Energy



LEGEND

- STUDY AREA
- PRELIMINARY ALTERNATIVE
END POINT
- PRELIMINARY ALTERNATIVE
ORIGIN POINT
- PRELIMINARY ALTERNATIVE
ROUTE SEGMENT
- COUNTY BOUNDARY
- CITY LIMITS

- EXISTING TRANSMISSION LINE
- MINOR ROADWAY
- MAJOR ROADWAY
- RAILROAD
- MINOR STREAM
- NAMED STREAM



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