

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

PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 44242

This notice is provided to notify you of the intent of CenterPoint Energy Houston Electric, LLC (CenterPoint Energy) to construct a 138 kilovolt (kV) double-circuit transmission line from the existing CenterPoint Energy Zenith Substation located northwest of the intersection of FM 529 (Freeman Road) and Grand Parkway (SH 99) to an existing 138 kV transmission line located north of Morton Ranch Road. The proposed transmission line will be approximately six to eight miles long depending upon the route certificated by the Public Utility Commission of Texas (PUC). The estimated cost of this project ranges from approximately \$12,646,000 to \$21,860,000.

If you have any questions about the proposed transmission line project, you can visit our Zenith-Franz Project website at www.centerpointenergy.com/zenithfranz or contact Mr. Steven Fox at (713) 207-4985, e-mail: zenithfranz@centerpointenergy.com. A detailed routing map may be viewed at any of the following locations:

Cypress Service Center
18018 Huffmeister Road
Cypress, TX 77429
Contact: Christopher Oliver
(281) 955-3013

Katy/Spring Branch Service Center
3401 Brittmoore Road
Houston, TX 77043
Contact: Walter Hunter
(713) 945-4537

CenterPoint Energy Tower
1111 Louisiana Street
Houston, TX 77002
Contact: Linda Johnston
(713) 207-5218

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

If you wish to participate in this proceeding by becoming an intervenor, the deadline for intervention in the proceeding is **March 30, 2015**, 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

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. 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 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***

The deadline for intervention in this docket is **March 30, 2015**, and the PUC should receive a letter from anyone requesting intervention by that date.

The PUC has a brochure “Landowner and Transmission Line Cases at the PUC.” Copies of the brochure are available from Mr. Steven Fox at 713-207-4985, e-mail: zenithfranz@centerpointenergy.com, or may be downloaded from the PUC’s website at <http://www.puc.texas.gov/industry/electric/forms/ccn/Brochure8x11.pdf>. To obtain additional information about this docket, you may contact the PUC’s Customer Assistance Hotline at (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.

**Description of Proposed Transmission Line Alternative Routes for the
138 kV Zenith - Franz Project in Harris County**

PUC DOCKET NO. 44242

Alternative Routes Not Listed in Any Order of Preference or Priority

| Alternative Route No. | Segment Combination | Total Length (miles) | Total Project Cost |
|------------------------------|----------------------------|-----------------------------|---------------------------|
| 3 | A-D-J-P-W-AJ-AM | 7.3 | \$19,657,000 |
| 6 | B-H-L-M-P-W-AJ-AM | 7.3 | \$21,860,000 |
| 8 | B-H-N-V-AA-AF-AI-AM | 6.2 | \$12,646,000 |
| 10 | B-H-N-V-AA-AF-AH-AL | 6.8 | \$16,313,000 |
| 11 | B-H-K-U-Z-AD-AK | 7.0 | \$18,275,000 |
| 12 | B-H-N-Q-U-Z-AD-AK | 7.2 | \$18,140,000 |
| 15 | B-H-K-U-Z-AD-AG-AL | 8.0 | \$21,182,000 |

Route Segment Descriptions

Segment A

Segment A begins at CenterPoint Energy's existing Zenith Substation, located southwest of Cypress, Texas, approximately 14,130 feet northwest of the intersection of FM 529 (Freeman Road) and Grand Parkway (SH 99), in Harris County, Texas. From the existing substation, **Segment A** proceeds in a northerly direction for approximately 887 feet to an angle point. From this angle point, **Segment A** proceeds in an easterly direction parallel to and north of an existing 138 kV transmission line for 4,111 feet to the intersection of Segments A and D.

Segment B

Segment B begins at CenterPoint Energy's existing Zenith Substation, located southwest of Cypress, Texas, approximately 13,916 feet northwest of the intersection of FM 529 (Freeman Road) and Grand Parkway (SH 99), in Harris County, Texas. From the existing substation, **Segment B** proceeds in a southeasterly direction for approximately 192 feet to an angle point. From this angle point, **Segment B** proceeds in a southerly direction for 606 feet to an angle point. From this angle point, **Segment B** proceeds in a westerly direction for 793 feet to an angle point. From this angle point, **Segment B** proceeds in a southerly direction parallel to and east of an existing 345 kV transmission line for approximately 1,267 feet to the intersection of Segments B and H.

Segment D

From the intersection of Segments A and D, **Segment D** proceeds in an easterly direction parallel to and north of an existing 138 kV transmission line for approximately 520 feet to an angle point. This portion of **Segment D** crosses Grand Parkway (SH 99). From this angle point, **Segment D** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for 604 feet to an angle point. This portion of **Segment D** crosses an existing 138 kV transmission line. From this angle point, **Segment D** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 969 feet to an angle point. From this angle point, **Segment D** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment D** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment D** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 587 feet to the intersection of Segments D and J.

Segment H

From the intersection of Segments B and H, **Segment H** proceeds in a southerly direction for approximately 142 feet to an angle point. From this angle point, **Segment H** proceeds in a southwesterly direction for 351 feet to an angle point. This portion of **Segment H** crosses an existing 345 kV transmission line. From this angle point, **Segment H** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 4,916 feet to the intersection of Segments H, K, L, and N.

Segment J

From the intersection of Segments D and J, **Segment J** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 611 feet to an angle point. From this angle point, **Segment J** proceeds in a southerly direction parallel to and east of Grand Parkway (SH 99) for approximately 4,668 feet to the intersection of Segments J, M, and P.

Segment K

From the intersection of Segments H, K, L, and N, **Segment K** proceeds in a westerly direction parallel to and south of Longenbaugh Road for approximately 4,826 feet to an angle point. This portion of **Segment K** crosses Porter Road. From this angle point, **Segment K** proceeds in a southerly direction parallel to and west of Porter Road for approximately 5,218 feet to the intersection of Segments K, Q, and U.

Segment L

From the intersection of Segments H, K, L, and N, **Segment L** proceeds in an easterly direction parallel to and south of Longenbaugh Road for approximately 5,320 feet to the intersection of Segments L and M.

Segment M

From the intersection of Segments L and M, **Segment M** proceeds in an easterly direction parallel to and south of Longenbaugh Road for approximately 487 feet to the intersection of Segments J, M and P. This portion of **Segment M** crosses Grand Parkway (SH 99).

Segment N

From the intersection of Segments H, K, L, and N, **Segment N** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 5,341 feet to the intersection of Segments N, Q, and V. This portion of **Segment N** crosses Bear Creek.

Segment P

From this intersection of Segments J, M, and P, **Segment P** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 636 feet to an angle point. From this angle point, **Segment P** proceeds in a southeasterly direction parallel to and east of Grand Parkway (SH 99) for approximately 1,443 feet to an angle point. From this angle point, **Segment P** proceeds in a southerly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment P** proceeds in a southerly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment P** proceeds in a southerly direction parallel to and east of Grand Parkway (SH 99) for approximately 1,978 feet to the intersection of Segments P and W.

Segment Q

From the intersection of Segments N, Q, and V, **Segment Q** proceeds in a westerly direction parallel to and north of FM 529 (Freeman Road) for approximately 5,943 feet to the intersection of Segments Q, K, and U. This portion of **Segment Q** crosses Porter Road.

Segment U

From the intersection of Segments K, Q, and U, **Segment U** proceeds in a southerly direction for approximately 5,326 feet to the intersection of Segments U and Z. This portion of **Segment U** crosses FM 529 (Freeman Road).

Segment V

From the intersection of Segments N, Q, and V, **Segment V** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 5,422 feet to the intersection of Segments V and AA. This portion of **Segment V** crosses FM 529 (Freeman Road).

Segment W

From the intersection of Segments P and W, **Segment W** proceeds in a southerly direction parallel to and east of Grand Parkway (SH 99) for approximately 12,007 feet to an angle point. This portion of **Segment W** crosses FM 529 (Freeman Road) and Bear Creek. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 599 feet to an angle point. From this angle point, **Segment W** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 565 feet to the intersection of Segments W and AJ.

Segment Z

From the intersection of Segments U and Z, **Segment Z** proceeds in a southerly direction for approximately 5,309 feet to the intersection of Segments Z and AD. This portion of **Segment Z** crosses South Mayde Creek and Stockdick School Road.

Segment AA

From the intersection of Segments V and AA, **Segment AA** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 5,446 feet to the intersection of Segments AA and AF. This portion of **Segment AA** crosses Beckendorff Road and Stockdick School Road.

Segment AD

From the intersection of Segments Z and AD, **Segment AD** proceeds in a southerly direction parallel to and west of Porter Road for approximately 5,238 feet to the intersection of Segments AD, AG, and AK.

Segment AF

From the intersection of Segments AA and AF, **Segment AF** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 4,889 feet to the intersection of Segments AF, AH, and AI. This portion of **Segment AF** crosses South Mayde Creek.

Segment AG

From the intersection of Segments AD, AG, and AK, **Segment AG** proceeds in an easterly direction parallel to and north of Clay Road for approximately 2,817 feet to an angle point. This portion of **Segment AG** crosses Porter Road. From this angle point, **Segment AG** proceeds in an easterly direction for 824 feet to an angle point. This portion of **Segment AG** crosses Clay Road. From this angle point, **Segment AG** proceeds in an easterly direction parallel to and south of Clay Road for approximately 1,720 feet to the intersection of Segments AG, AH and AL.

Segment AH

From the intersection of Segments AF, AH, and AI, **Segment AH** proceeds in a southwesterly direction for approximately 630 feet to an angle point. This portion of **Segment AH** crosses Clay Road. From this angle point, **Segment AH** proceeds in a westerly direction parallel to and south of Clay Road for approximately 3,423 feet to the intersection of Segments AH, AG, and AL.

Segment AI

From the intersection of Segments AF, AH, and AI, **Segment AI** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 1,024 feet to the intersection of Segments AI, AJ, and AM. This portion of **Segment AI** crosses Clay Road and Grand Parkway (SH 99).

Segment AJ

From the intersection of Segments W and AJ, **Segment AJ** proceeds in a southwesterly direction parallel to and east of Grand Parkway (SH 99) for approximately 661 feet to the intersection of Segments AJ, AI and AM. This portion of **Segment AJ** crosses Clay Road and an existing 345 kV transmission line.

Segment AK

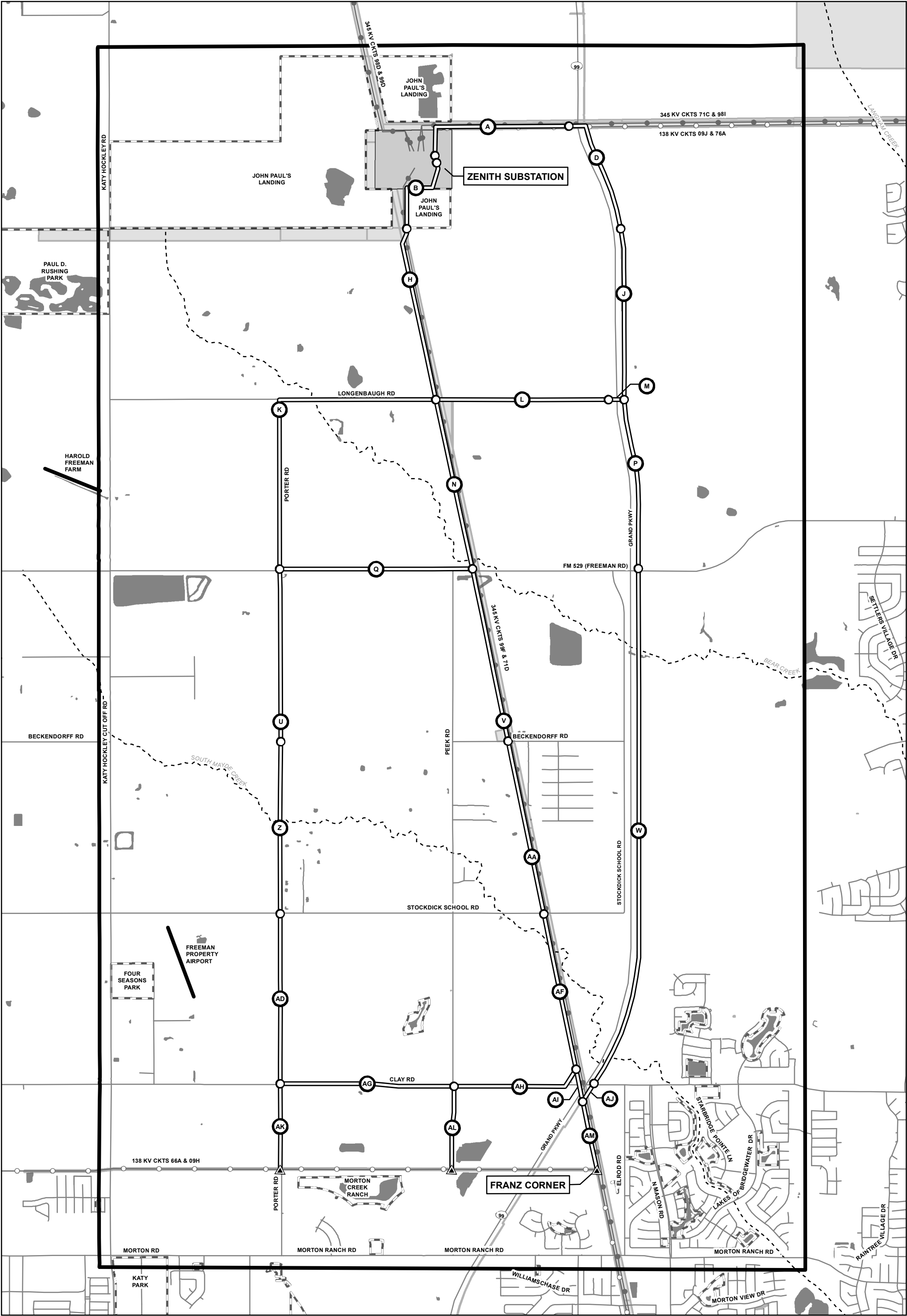
From the intersection of Segments AD, AG, and AK, **Segment AK** proceeds in a southerly direction parallel to and west of Porter Road for approximately 2,643 feet to a proposed tie point to CenterPoint Energy's 138 kV transmission system. This portion of **Segment AK** crosses Clay Road.

Segment AL

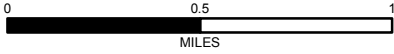
From the intersection of Segments AH, AG, and AL, **Segment AL** proceeds in a southerly direction for approximately 809 feet to an angle point. From this angle point, **Segment AL** proceeds in a southerly direction for approximately 600 feet to an angle point. From this angle point, **Segment AL** proceeds in a southerly direction for approximately 1,160 feet to a proposed tie point to CenterPoint Energy's 138 kV transmission system.

Segment AM

From the intersection of AJ, AI, and AM, **Segment AM** proceeds in a southeasterly direction parallel to and west of an existing 345 kV transmission line for approximately 2,143 feet to a proposed tie point to CenterPoint Energy's 138 kV transmission system.



138 KV ZENITH-FRANZ PROJECT
PROPOSED ALTERNATIVE ROUTES



TIE POINT



PROPOSED ALTERNATIVE
ROUTE SEGMENT



STUDY AREA BOUNDARY



EXISTING 138 KV
TRANSMISSION LINE



EXISTING 345 KV
TRANSMISSION LINE



RUNWAY



ROAD



STREAM / DRAINAGE



WATER BODY



PARK / RECREATIONAL
AREA



EXISTING SUBSTATION



CENTERPOINT OWNED
PARCEL / EASEMENT



| ALT. ROUTES | SEGMENT COMBINATION |
|-------------|---------------------|
| 3 | A-D-J-P-W-AJ-AM |
| 6 | B-H-L-M-P-W-AJ-AM |
| 8 | B-H-N-V-AA-AF-AI-AM |
| 10 | B-H-N-V-AA-AF-AH-AL |
| 11 | B-H-K-U-Z-AD-AK |
| 12 | B-H-N-Q-U-Z-AD-AK |
| 15 | B-H-K-U-Z-AD-AG-AL |