

Kentucky Power Company
KPSC Case No. 2022-00236
Commission Staff's Second Set of Data Requests
Dated October 18, 2022

DATA REQUEST

KPSC 2_1 Refer to the Application, Exhibit 10 and Exhibit 12, reconcile the statement made in paragraph 2 of the Affidavit in Exhibit 12 with Exhibit 10, specifically PSC filing ID parcel number 43.

RESPONSE

Mapping matching the parcel identification in Exhibit 12 (Landowner List) is shown in Exhibit 4 (Proposed Route Map) of the Application. The map in Exhibit 4 and the Exhibit 10 (Siting Study) map do not use the same parcel identification numbering system.

The parcel identified as 43 in Exhibit 12 was previously identified as parcel 13 for the virtual open house. The map in Exhibit 10 (Attachment H, page 89 of 92) has parcels labeled with their open house parcel IDs. Landowners along all of the Study Segments were invited to the virtual open house and thus the parcel numbering system is different than for the Proposed Route filing.

Parcel 43 (shown on Exhibits 4 and 12) is crossed by the 100-foot right-of-way (ROW) of the Proposed Route, as currently engineered. A 400-foot-area has been requested to allow for adjustments to the Proposed Route during final engineering and for inclusion of conductor blowout areas. As currently engineered, the span crossing Little Mudlick Branch Road between Structures 32 and 33 is approximately 3,000 feet long and does require additional blowout area on Parcel 43. At its widest, the ROW is approximately 360 feet on Parcel 43.

Witness: George T. Reese

Kentucky Power Company
KPSC Case No. 2022-00236
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Dated October 18, 2022

DATA REQUEST

KPSC 2_2 Refer to the Application, Exhibit 10 and Exhibit 12, reconcile the address in Exhibit 12 with Exhibit 10 for PSC filing ID parcel number 43.

RESPONSE

See response to KPSC 2_1. Exhibit 10 (Siting Study) does not list property owner information or addresses. The parcel identified as 43 on Exhibit 12 corresponds to Parcel 13 (used for open house mapping purposes) in Exhibit 10. The landowner addresses in Exhibit 12 are the most current information the Company has from the Pike County Property Valuation Administrator (PVA).

Witness: George T. Reese

Kentucky Power Company
KPSC Case No. 2022-00236
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DATA REQUEST

KPSC 2_3 Identify PSC filing ID parcel number 42 on the maps in Application, Exhibit 10 and include updated owner information.

RESPONSE

Please refer to the response to question KPSC 2_1.

The corresponding parcel identification for parcel 42 (Exhibit 4 - Proposed Route Map) in Exhibit 12 (Landowner List) is parcel 267 in Exhibit 10 (Attachment H, page 89 of 92). The corresponding mapping to Exhibit 12 is Exhibit 4 in the Application.

PVA data does not list landowner information for parcel 42, and as such the Company was unable to provide landowner information for this parcel with its Application.

However, based on title research performed independently by the Company in October 2022, parcel 42 is currently owned by multiple heirs of the previous owner(s).

Per title research, the Company believes PVA parcels 41 and 42 are three separate parcels per deed records: parcel 1 belonging to the J.E. Williams Heirs, parcel 2 belonging to the Will Murphy heirs, and parcel 3 belonging to the David Peterson heirs. The only names identified to date of the three heirships are the Will Murphy heirs. The Will Murphy heirs are listed as Marvin Murphy, Glennis Trent, Mario Rosenbauw, Evenia Fowler, Mildred Bowe, Ella Patton, and James Murphey. Surveying will be needed to determine the three parcel boundaries.

Witness: George T. Reese

Kentucky Power Company
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DATA REQUEST

KPSC 2_4 Refer to the Application, Exhibit 11, page 2 of 2. For Alternative Route D, explain why there is a portion of the existing Stone-Sprigg 46 kV line that is avoided.

RESPONSE

The section of Alternative Route D that deviates from existing centerline to feed the Orinoco Substation is shorter and more topographically suitable than using the existing transmission line to connect into the new Orinoco Substation. Additionally, there are two residences on Pecco Hollow Road that would likely be within the conductor blowout area of the existing transmission line at this road crossing location and that would likely need to be removed if the line was rebuilt in place. In comparison, the proposed deviation from the existing ROW and on Alternative Route Dis expected to avoid the removal of residences at this location.

Witness: George T. Reese

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DATA REQUEST

KPSC 2_5 Provide updated maps to scale for the project, including but not limited to identification using the Parcel ID, depiction of the right-of-way corridor specific for each property, notation where Kentucky Power anticipates the need for the wider corridor based on the reasons stated in the application, and the proposed transmission line route.

RESPONSE

Please see KPCO_R_KPSC_2_5_Attachment1 with updated mapping showing the Proposed Route with structure locations, the ROW with conductor blowout areas as currently engineered, and the 400-foot-area.

Parcel ID numbers match those in Exhibit 4 (Proposed Route Map) and 12 (Landowner List) of the Application. The requested 400-foot-area is uniform for the entire Proposed Route to allow for adjustments that may be needed based on additional surveys, final engineering, and construction needs. The final ROW will be limited to a 100-foot-width except for the spans requiring additional blowout areas. The 200 feet from either side of the centerline allows flexibility in the final structure spotting to work with individual landowners through easement negotiations. These surveys and conversations are ongoing until final engineering design is complete. There may be spans not yet identified requiring additional ROW for blowout areas during final engineering.

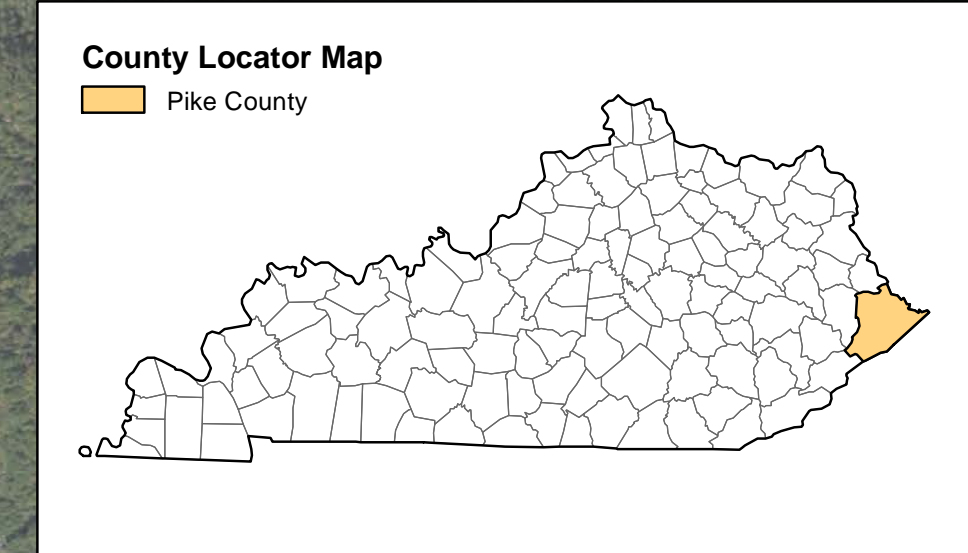
Witness: George T. Reese



*Shown is a preliminary design. This design is not the final route centerline or structure locations. Final line route and structure locations will be determined during final engineering, which includes ground survey and geotechnical and environmental studies. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.

** A 100-foot wide right-of-way will be sited within the 400-foot Filing Area. The Company needs the flexibility to shift the centerline no more than 200 feet in either direction from the centerline indicated as necessary after completion of the final engineering, ground surveys and interviews with the landowners.

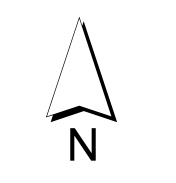
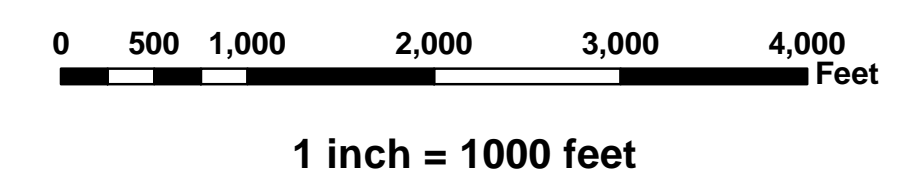
***The PVA parcels are not based on an accurate ground survey and should not be construed or used as exact descriptions of legal boundaries. See Exhibit 12 for list of landowners in proposed ROW and 400-Foot Filing Area.



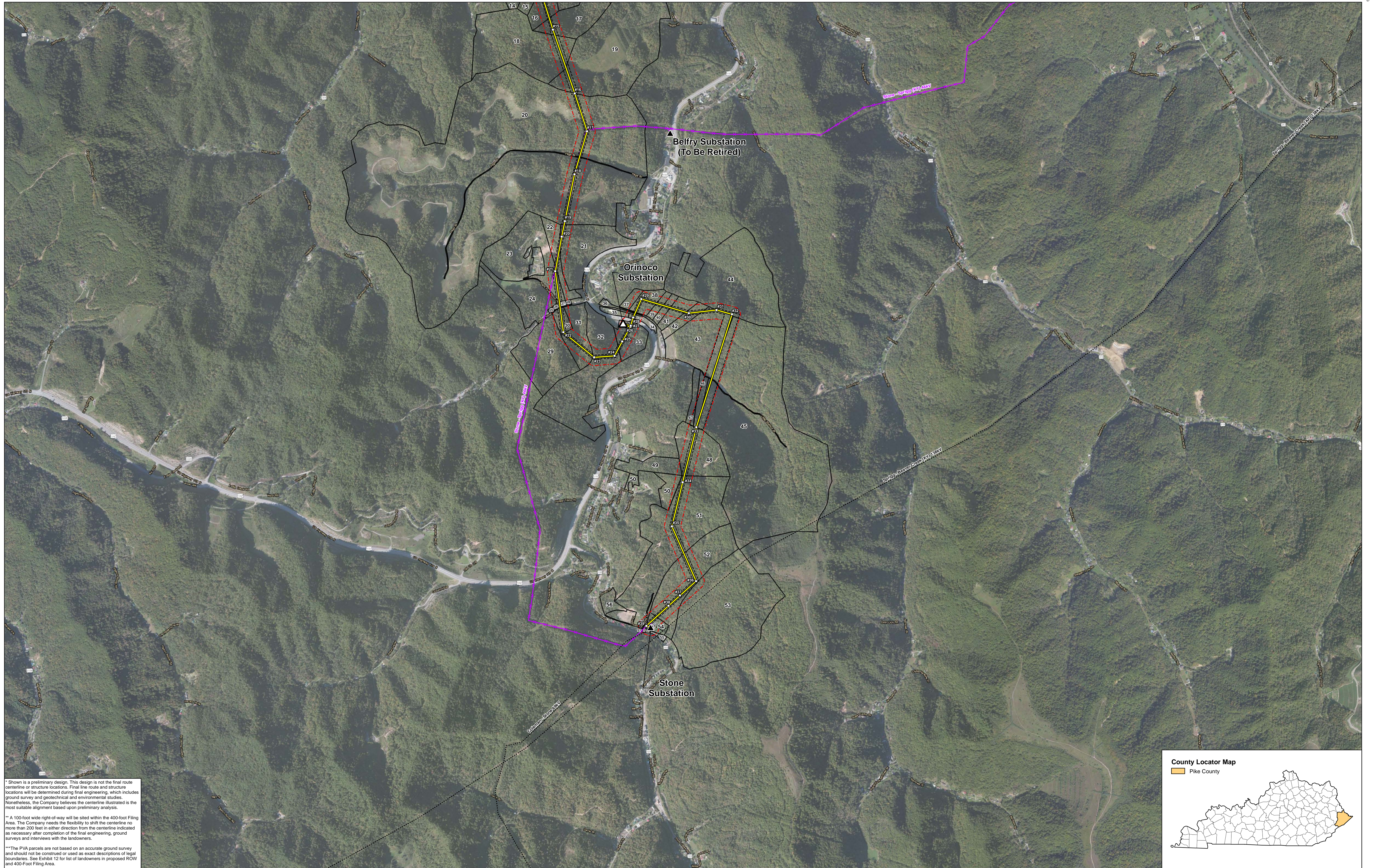
Belfry Area Transmission Line Project

Proposed Route (Aerial Background)

Legend			
▲	Existing Substation	—	Proposed Route*
△	Proposed Substation	- - -	Proposed ROW**
□	Proposed Structure*	Existing Transmission Line
		400-foot Filing Area**
		—	Existing Transmission Line (To Be Removed)
		□	The Property Value Administrator (PVA) Parcels and Landowner Reference No.***



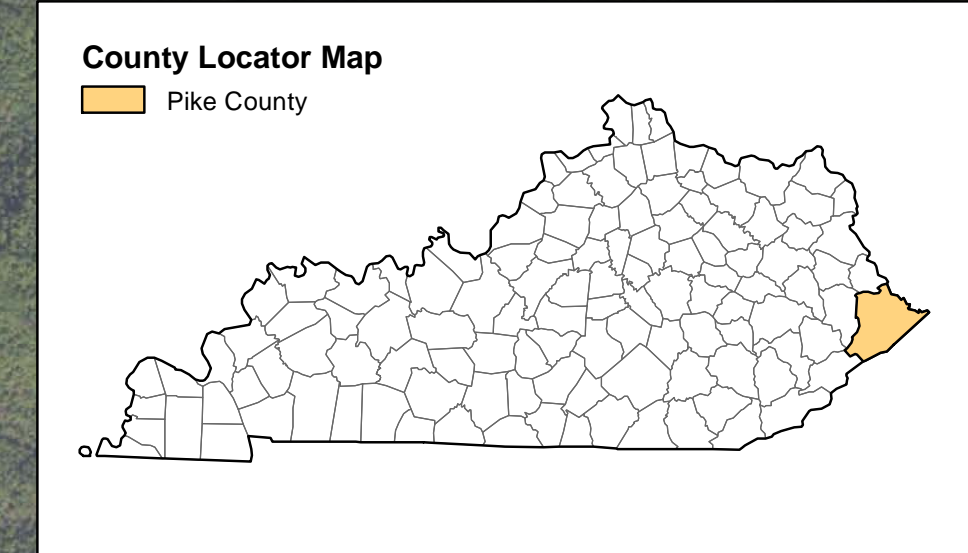
Date: 10/27/2022
 Sheet: 1 of 2



*Shown is a preliminary design. This design is not the final route centerline or structure locations. Final line route and structure locations will be determined during final engineering, which includes ground survey and geotechnical and environmental studies. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.

** A 100-foot wide right-of-way will be sited within the 400-foot Filing Area. The Company needs the flexibility to shift the centerline no more than 200 feet in either direction from the centerline indicated as necessary after completion of the final engineering, ground surveys and interviews with the landowners.

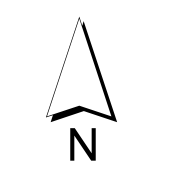
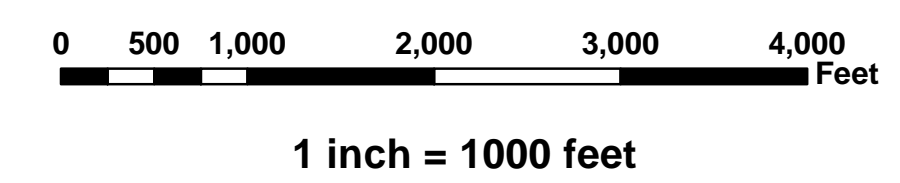
***The PVA parcels are not based on an accurate ground survey and should not be construed or used as exact descriptions of legal boundaries. See Exhibit 12 for list of landowners in proposed ROW and 400-Foot Filing Area.



Belfry Area Transmission Line Project

Proposed Route (Aerial Background)

Legend			
▲ Existing Substation	— Proposed Route*	- - - 400-foot Filing Area**	— Existing Transmission Line (To Be Removed)
△ Proposed Substation	- - - Proposed ROW** Existing Transmission Line	□ The Property Value Administrator (PVA) Parcels and Landowner Reference No.***
□ Proposed Structure*			



Date: 10/27/2022
 Sheet: 2 of 2

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Dated October 18, 2022

DATA REQUEST

KPSC 2_6 Provide an updated Application, Exhibit 12, based on the information provided in this data request.

RESPONSE

Please see KPCO_R_KPSC_2_6_Attachment1 with updated landowner list for landowners crossed by the proposed 100 foot ROW and conductor blowout areas as well as the 400-foot-area.

Witness: George T. Reese

Note: Red text indicates data has been updated from PVA data based on landowner contact and/or additional research.

PSC Filing ID	County Parcel ID	Owner	Mailing Address	Mailing City	Mailing State	Mailing Zip	Crossed by ROW	Within 400' Filing Area	County	Date of Parcels
1	155-00-00-912.00	AEP					Yes	Yes	Pike	July 2022
2	155-00-00-049.00	W J WILLIAMSON & BEN -EST (LIZA CALDWELL)	PO BOX 1569	HUNTINGTON	WV	25716	Yes	Yes	Pike	July 2022
3	166-00-00-022.00	PENTMAN LLC	PO BOX 21926	CHATTANOOGA	TN	37424	No	Yes	Pike	July 2022
4	155-30-00-002.01	SANDY VALLEY HABITAT FOR HUMANITY INC	PO BOX 281	PIKEVILLE	KY	41502	Yes	Yes	Pike	July 2022
5	155-30-00-017.00	ADKINS ANTHONY CURTIS & BARBARA SUE	297 SHARON HEIGHTS	FOREST HILLS	KY	41527	Yes	Yes	Pike	July 2022
6	155-00-00-905.00	UNKNOWN					No	Yes	Pike	July 2022
7	166-00-00-027.00	SHARON & SHAWN MILLIRONES	336 FOREST HILLS RD	FOREST HILLS	KY	41527	Yes	Yes	Pike	July 2022
8	155-30-00-018.00	LEE I RESTAR & MARY JUNE RESTAR	872 FOREST HILLS RD	FOREST HILLS	KY	41527	Yes	Yes	Pike	July 2022
9	155-30-00-018.01	ORLEAN HOPKINS	854 FOREST HILLS RD	FOREST HILLS	KY	41527	Yes	Yes	Pike	July 2022
10	155-00-00-059.00	MOORE DENNY & SHARON	79 MALL RD SUITE D	S WILLIAMSON	KY	41503	No	Yes	Pike	July 2022
11	155-00-00-057.00	DENNY MOORE & SHARON MOORE	79 MALL RD SUITE D	S WILLIAMSON	KY	41503	Yes	Yes	Pike	July 2022
12	155-00-00-055.01	MCCOY LORA	PO BOX 6	FOREST HILLS	KY	41527	Yes	Yes	Pike	July 2022
13	155-00-00-057.00	DENNY MOORE & SHARON MOORE	79 MALL RD SUITE D	S WILLIAMSON	KY	41503	Yes	Yes	Pike	July 2022
14	155-00-00-058.00	SOUTHSIDE REAL ESTATE & SOUTHSIDE PROFESSIONAL BLDG	79 MALL RD SUITE D	S WILLIAMSON	KY	41503	Yes	Yes	Pike	July 2022
15	155-00-00-050.03	SOUTHSIDE REAL ESTATE DEV INC & SOUTHSIDE PROFESSIONAL BLDG	79 MALL RD SUITE D	S WILLIAMSON	KY	41503	Yes	Yes	Pike	July 2022
16	155-00-00-050.00	DARREL SAMMONS	PO BOX 255	PIKEVILLE	KY	41502	Yes	Yes	Pike	July 2022
17	166-00-00-101.00	JACK DARRELL SAMMONS	2850 ROAD FRK	SIDNEY	KY	41564	Yes	Yes	Pike	July 2022
18	155-00-00-071.01	RONALD SCOTT	822 MIKES BR RD	PIKEVILLE	KY	41501	Yes	Yes	Pike	July 2022
19	166-00-00-054.00	HELEN WILLIAMSON SMITH	4841 BALDWIN RD	HILLIARD	OH	43026	Yes	Yes	Pike	July 2022
20	156-00-00-042.00	TIERNEY LAWRENCE LAND CO. (DON COMBS)	203 MAIN ST.	PIKEVILLE	KY	41501	Yes	Yes	Pike	July 2022
21	167-00-00-009.01	LEE DOTSON & BRENDA J DOTSON	PO BOX 217	HARDY	KY	41531	Yes	Yes	Pike	July 2022
22	156-00-00-063.00	LAUREN LAND CO	1051 MAIN ST 2	MILTON	WV	25541	Yes	Yes	Pike	July 2022
23	156-00-00-062.00	LAUREN LAND CO	1051 MAIN ST 2	MILTON	WV	25541	Yes	Yes	Pike	July 2022
24	156-00-00-058.00	IRVIN WORKMAN	PO BOX 526	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
25	156-00-00-059.00	JAMES ALLEN	168 PECCO HOLLOW RD	BELFRY	KY	41514	No	Yes	Pike	July 2022
26	156-00-00-060.00	TOM BALL & CLAUDETTE BALL	488 PECCO HOLLOW RD	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
27	156-00-00-061.00	BRIANNA RUTHERFORD	3031 N OCEAN BLVD	FORT LAUDERDALE	FL	33308	Yes	Yes	Pike	July 2022
28	156-00-00-063.03	MANLEY GENEVA	7140 VIVIAN	TAYLOR	MI	48180	No	Yes	Pike	July 2022
29	156-00-00-044.00	IRENE SALYERS & GEORGE SALYERS; C/O DANNY SALYERS	310 PECCO HOLLOW RD	BELFRY	KY	41514	No	Yes	Pike	July 2022
30	156-00-00-059.00	JAMES ALLEN	168 PECCO HOLLOW RD	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
31	156-00-00-043.00	TIERNEY LAWRENCE LAND CO. (DON COMBS)	203 MAIN ST.	PIKEVILLE	KY	41501	Yes	Yes	Pike	July 2022
32	167-00-00-020.00	BRUFORD COOL & MELITA COOL; C/O DEBBIE SNAPP	PO BOX 481	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
33	167-30-03-001.00						Yes	Yes	Pike	July 2022
34	167-30-02-001.00	TIERNEY LAWRENCE LAND CO. (DON COMBS)	203 MAIN ST.	PIKEVILLE	KY	41501	Yes	Yes	Pike	July 2022
35	167-30-02-001.01	ALLEY ROBERT	7 HATCHER ST	BELFRY	KY	41514	No	Yes	Pike	July 2022
36	167-30-02-001.00	TIERNEY LAWRENCE LAND CO. (DON COMBS)	203 MAIN ST.	PIKEVILLE	KY	41501	Yes	Yes	Pike	July 2022
37	167-00-00-053.01	NANCY MAY HALL	RD 1 BOX 265	NEW SALEM	PA	15468	No	Yes	Pike	July 2022
38	167-00-00-052.00	JOHN MURPHY & NANCY MURPHY		NEW SALEM	PA	15468	Yes	Yes	Pike	July 2022
39	167-00-00-051.00	GERALD B HAGER	PO BOX 24	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
40	167-00-00-050.00	GERALD HAGER & POLLY HAGER	PO BOX 455	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
41	167-00-00-049.00	WILL HEIRSHIP MURPHY					Yes	Yes	Pike	July 2022
42	167-00-00-048.00		74 LITTLE MUDLICK BR	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
43	167-00-00-033.00	CHARLES R STUMP	74 LITTLE MUDLICK BR	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
44	167-00-00-066.00	CELIA SMITH VARNEY (RICK DAUGHTERY)	3026 SCHWARTZ RD	COLUMBUS	OH	43232	Yes	Yes	Pike	July 2022
45	167-00-00-034.01	KINZER BUSINESS REALTY LTD	PO BOX 460	ALLEN	KY	41601	Yes	Yes	Pike	July 2022
46	167-00-00-034.02	WES SMITH	123 LITTLE MUDLICK BR	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
47	167-00-00-027.01	JUSTICE WILLIAM S & ILENE	194 LOGGINS RD	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
48	168-00-00-001.00	ELLIS R HAGER & DARLENE HAGER	PO BOX 312	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
49	168-00-00-004.00	REED JOSHUA S & JENNA L	278 GOODMAN RD	WILLIAMSON	WV	25661	Yes	Yes	Pike	July 2022

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 Landowner List
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Note: Red text indicates data has been updated from PVA data based on landowner contact and/or additional research.

PSC Filing ID	County Parcel ID	Owner	Mailing Address	Mailing City	Mailing State	Mailing Zip	Crossed by ROW	Within 400' Filing Area	County	Date of Parcels
50	168-00-00-006.00	DOYLE MANDY & JIM HEIRS; C/O KELSIE RUNYON	1884 RUNYONS BRANCH	PINSONFORK	KY	41555	Yes	Yes	Pike	July 2022
51	168-00-00-013.00	CHURCH RONNIE & CLARA	PO BOX 1000	BELFRY	KY	41514	Yes	Yes	Pike	July 2022
52	168-00-00-014.00	BRIDGETT TAYLOR	1239 5TH AVE	HUNTINGTON	WV	25701	Yes	Yes	Pike	July 2022
53	168-00-00-020.03	LAUREN LAND CO	1051 MAIN ST 2	MILTON	WV	25541	Yes	Yes	Pike	July 2022
54	168-00-00-015.00						Yes	Yes	Pike	July 2022
55	168-00-00-016.00	CASSADY ARVOL G; C/O KATHY CASSADY	PO BOX 814	BELFRY	KY	41514	No	Yes	Pike	July 2022
56	168-00-00-013.10	RANDALL MAPES	PO BOX 129	FREEBURN	KY	41528	No	Yes	Pike	July 2022
57	168-40-01-021.02	CHRIS DAVIS & KATIE DAVIS	186 DAVIS LN	HUDDY	KY	41535	No	Yes	Pike	July 2022

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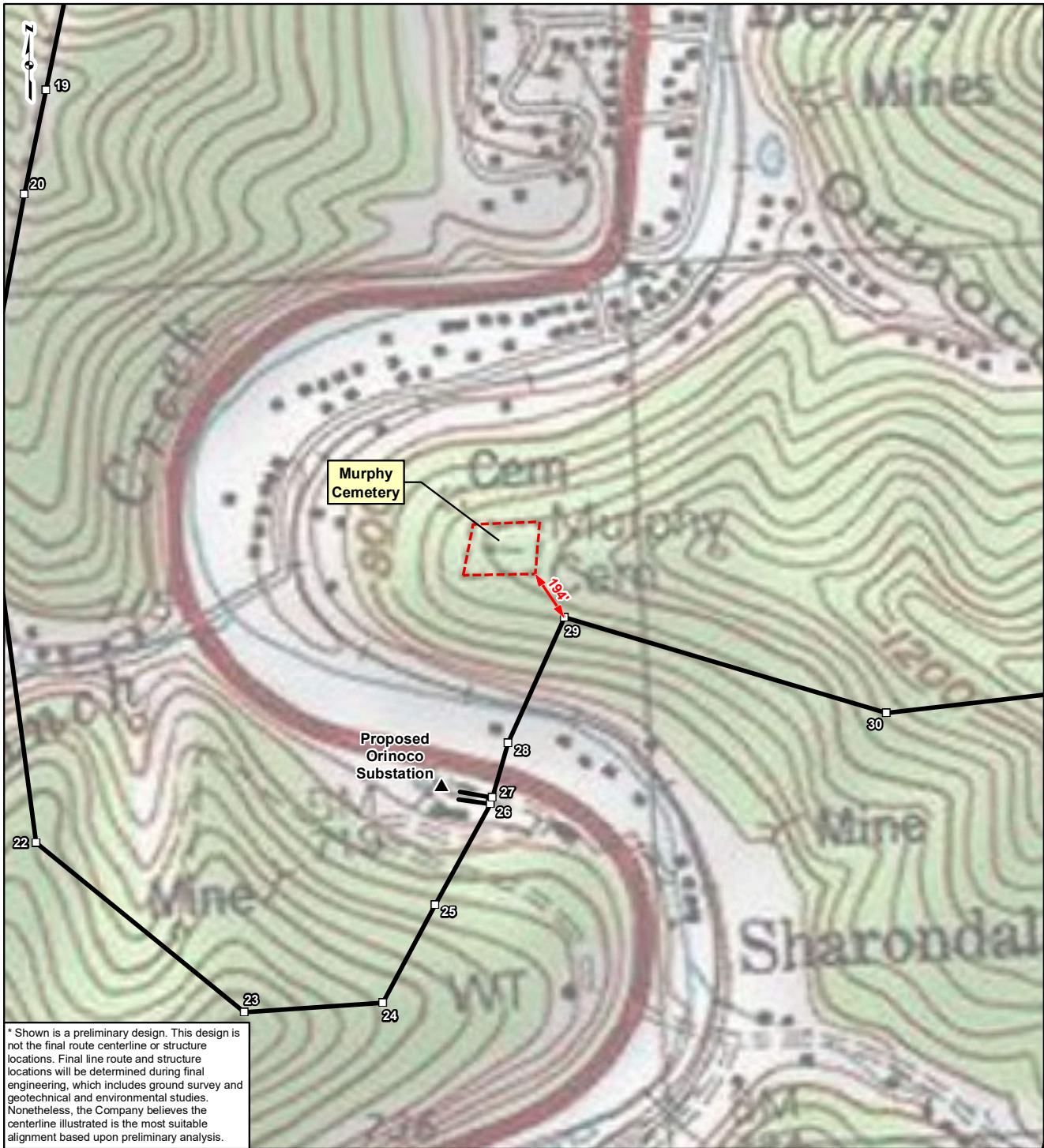
DATA REQUEST

KPSC 2_7 Refer to Kentucky Power's response to Commission Staff's First Request for Information (Staff's First Request), Item 4. State the distance from the cemetery to the proposed transmission line.

RESPONSE

See KPCO_R_KPSC_2_7_Attachment1. Based on topographic mapping the boundary of the cemetery is approximately 200 feet from the Proposed Route; however, the cemetery boundary limits will be field-verified during future culture resource surveys. Once the additional cultural surveys are complete, the Company would adjust the centerline within the proposed 400-foot-area to ensure the cemetery is outside of the proposed ROW if necessary.

Witness: George T. Reese



* Shown is a preliminary design. This design is not the final route centerline or structure locations. Final line route and structure locations will be determined during final engineering, which includes ground survey and geotechnical and environmental studies. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.



LEGEND

- ▲ Substation
- Proposed Structure*
- Proposed Transmission Line*

0 250 500 1,000 Feet

MURPHY CEMETERY

BELFRY AREA
 TRANSMISSION LINE PROJECT
 AMERICAN ELECTRIC POWER

DRAWN BY: EFJ DATE: 10/27/2022
 CHECKED: APPROVED:

REFERENCES: AERIAL IMAGERY, KENTUCKY FROM ABOVE (KYAPED), 2019, ACCESSED 10/2022. WORLD TRANSPORTATION, ESRI, ARCGIS ONLINE, ACCESSED 10/2022.

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DATA REQUEST

- KPSC 2_8** Refer to Kentucky Power's response to Staff's First Request, Item 16 and the Application, Exhibit 10, starting at page 30 of 92.
- a. Provide the estimated cost of constructing the proposed substation at Study Site 2, the site that was initially preferred.
 - b. Provide a detailed description and analysis of the landowner impact that resulted in Study Site 2 being eliminated from consideration.

RESPONSE

- a. The cost for construction and equipment for both the proposed Orinoco Substation Site and Study Site 2, located immediately south of the existing Belfry Substation, would be roughly the same (\$5.2M). The Orinoco Substation will be a new greenfield substation regardless of its location.

The acquisition cost for the proposed Orinoco Substation site is approximately \$800,000 less, compared to Study Site 2. The difference in cost between the proposed site and Study Site 2 is related to the estimated real estate costs to purchase and demolish three residential dwellings and residential outbuildings. While these costs cannot be known exactly without direct landowner negotiations, the Company has already confirmed that two landowners were unwilling to sell at all and would require condemnation proceedings to build the substation on Study Site 2. The estimated cost to purchase three homes and to demolish them is estimated to be \$1.5M. Therefore, using Study Site 2 would cost approximately \$6.7M (versus \$5.9M, including land purchase costs at the proposed Orinoco Substation location).

- b. The selection of the proposed site (and dismissal of Study Site 2) avoids the need to purchase homes and displace landowners and removes an electrical substation from the middle of a residential community. Study Site 2 would have required the purchase and demolition of three residences and the relocation of the corresponding residents, two of whom were not willing to sell their property. Typically, the Company does not seek to condemn landowners for the construction of a substation site, forcing them to relocate from their homes, when there is an alternative site available that does not require the relocation of residents.

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Witness: Nicolas C. Koehler (as to part (a))

Witness: George T. Reese (as to part (b))

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DATA REQUEST

- KPSC 2_9** Refer to Kentucky Power's response to Staff's First Request, Items 6 and 9. The responses are not clear. The existing right-of-way (ROW) of the currently energized 46 kV line already crosses the Pond Creek Road and runs through a residential and commercial area.
- a. Explain why increasing the line voltage from 46 kV to 69 kV creates a problem when the 46 kV line already crosses the Pond Creek Road.
 - b. Explain why the commercial building and any other residential or commercial buildings are located such that they do not encroach on the right-of-way for the 46 kV line, but would necessitate removal for the 69 kV line.
 - c. Explain how these buildings were allowed to encroach on the existing 46 kV ROW.
 - d. Explain the approximate cost of acquiring the commercial building.
 - e. Identify on a map and explain where Kentucky Power would have to do additional construction on 1.6 miles of existing ROW.

RESPONSE

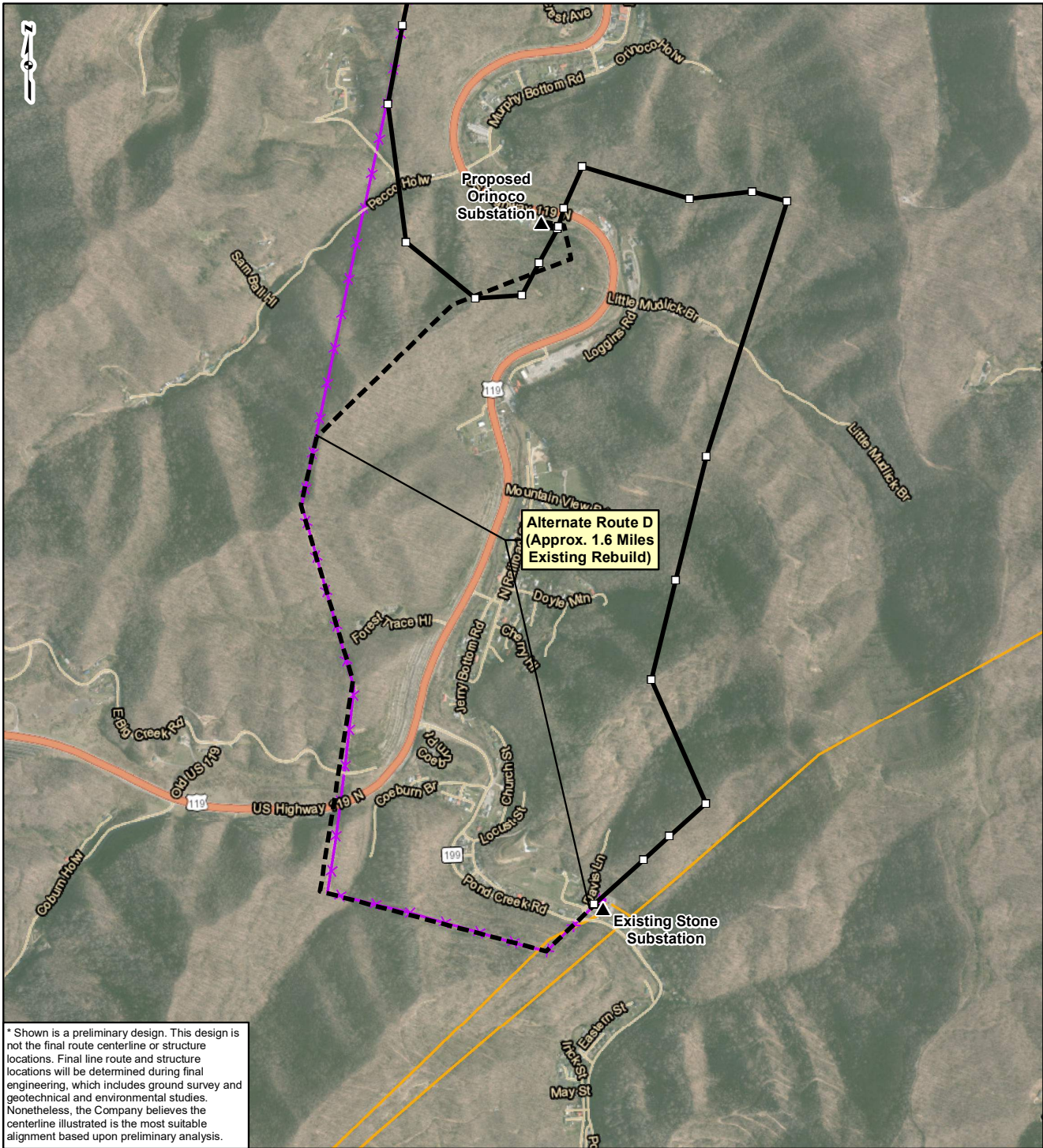
- a. and b. The increase in voltage does not create a new problem as the commercial building and any other residential buildings within the ROW of the existing line are already encroachments on the existing line as it is currently operated.
- c. Kentucky Power regularly monitors its ROW and takes necessary actions in the event that an encroachment represents an immediate safety risk or violation of the National Electrical Safety Code ("NESC") or impedes access to Company facilities for normal operations and maintenance.

Encroachments are reviewed on a case-by-case basis relative to the type of encroachment, the rights of the Company under its easements and ROW agreements, the impacts of mitigating the encroachment (such as removal), and costs. When lines are proposed for reconstruction, Kentucky Power works to mitigate or remove encroachments and, if needed, update the terms of the ROW agreements to provide greater ability to protect ROW from future encroachment.

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- d. The Company has not prepared an estimate for the removal costs of the referenced building. Upon information and belief, the building that is currently an encroachment of the existing line has been acquired by the Kentucky Transportation Cabinet for a road widening project and will be demolished when those plans are implemented.
- e. Please see KPCO_R_KPSC_2_9_Attachment1 for map showing the section of transmission line that would have to be rebuilt within existing ROW should Alternative Route D been selected as the Proposed Route.

Witness: George T. Reese



* Shown is a preliminary design. This design is not the final route centerline or structure locations. Final line route and structure locations will be determined during final engineering, which includes ground survey and geotechnical and environmental studies. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.



LEGEND

- ▲ Substation
- Proposed Structure*
- Proposed Transmission Line*
- - - Route Alternative D
- ✕ Existing Transmission Line (To Be Removed)
- Existing Transmission Line

0 750 1,500 3,000
 Feet

ROUTE ALTERNATIVE D

BELFRY AREA
 TRANSMISSION LINE PROJECT
 AMERICAN ELECTRIC POWER

DRAWN BY: EFJ DATE: 10/27/2022
 CHECKED: APPROVED:

REFERENCES: AERIAL IMAGERY, KENTUCKY FROM ABOVE (KYAPED), 2019, ACCESSED 10/2022. WORLD TRANSPORTATION, ESRI, ARCGIS ONLINE, ACCESSED 10/2022.

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DATA REQUEST

KPSC 2_10 Refer to Kentucky Power's Response to Staff's First Request, Item 8. It appears from this response that the outage constraint for the 1,547 distribution customers served out of the Belfry Substation is the primary reason for constructing a greenfield line from the Stone Substation to the new proposed Orinco Substation. Explain whether it would be feasible to construct and energize the northern segment of the proposed line from the New Camp Substation down to the Orinco Substation, once completed, before de-energizing the Stone-Sprigg 46 kV line. Include in the response whether this option would alleviate the outage scenario provided in Item 8.

RESPONSE

The option presented in the above request would not alleviate the outage scenario provided in Item 8. Constructing the northern Project Component first would expose the community currently served by the Belfry Substation to an increased risk of interruption of service and erode the reliability of the network in the area for a significantly longer period of time. While it is possible to construct the northern Project Component between the existing New Camp Substation and the proposed Orinoco Substation first, doing so is an avoidable reliability risk to the community served by the existing Belfry Substation. The existing Belfry Substation is fed by the Stone – Sprigg 46 kV Transmission Line, a 1940's era line in poor condition. Constructing the northern Project Component first would require an outage of one to two months on the Sprigg – Stone 46 kV Circuit between Belfry and Stone Substations while the portion using the existing ROW is constructed. During the outage, Belfry Substation would be radially fed meaning that if anything were to happen to its sole source of electricity during that time period, customers could experience extended outages within the community with little recourse.

Conversely, building the southern Project Component between the existing Stone Substation and the proposed Orinoco Substation in a greenfield alignment allows for Orinoco Substation to be placed into service and the load to be transferred out of Belfry Substation prior to taking the Stone – Sprigg 46 kV Transmission Line out of service. While Orinoco Substation will be radially fed during construction, it will be fed from the newest line in the area and Belfry Substation will continue to be energized from the Stone – Sprigg Transmission Line, minimizing risk to the community.

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Witness: Nicolas C. Koehler

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DATA REQUEST

KPSC 2_11 Refer to the information provided to landowners, Belfry project handout. Provide an updated timeline based on the application date being Fall of 2022 and a statutory approval date of January 2023.

RESPONSE

The schedule provided in the initial Project Fact Sheet has been updated to reflect an application filing date of September 8, 2022, and a statutory approval date of no later than January 6, 2023. ROW acquisition is anticipated to begin in the first quarter of 2023. Construction is expected to commence in or before January of 2024, within one year of Certificate of Public Convenience and Necessity approval and the Project to be in service in January of 2025.

Witness: George T. Reese

Kentucky Power Company
KPSC Case No. 2022-00236
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Dated October 18, 2022

DATA REQUEST

KPSC 2_12 Explain whether Kentucky Power plans to file any additional Certificate of Public Convenience and Necessity applications for transmission line projects in the next 12 months.

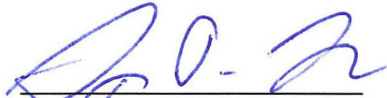
RESPONSE

Based on current information, the Company anticipates filing three applications, for three different projects, for Certificates of Public Convenience and Necessity for transmission line projects in the next 12 months.

Witness: Brian K. West

VERIFICATION

The undersigned, George T. Reese, being duly sworn, deposes and says he is the Vice President, Business Sector Manager for Power Delivery – Environmental for GAI Consultants, Inc., that he has personal knowledge of the matters set forth in the forgoing responses, and the information contained therein is true and correct to the best of his information, knowledge and belief after reasonable inquiry.



George T. Reese

STATE OF PENNSYLVANIA

)
) Case No. 2022-00236

COUNTY OF ALLEGHENY

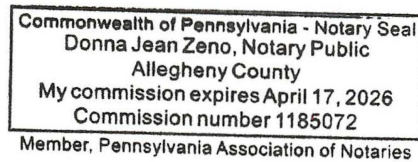
)

Subscribed and sworn to before me, a Notary Public in and before said County and State, by
George T. Reese, on 10/26/22.



Notary Public

Notary ID Number: 1185072





Verification Draft Koehler.docx

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E-Signature Summary

E-Signature 1: Nicolas C Koehler (NCK)

October 31, 2022 10:02:04 -8:00 [BE15F5458EBA] [167.239.221.104]
 nckoehler@aep.com (Principal) (Personally Known)

E-Signature Notary: Jennifer Young (JAY)

October 31, 2022 10:02:04 -8:00 [3B23CA667431] [167.239.221.104]
 jayoung1@aep.com
 I, Jennifer Young, did witness the participants named above electronically sign this document.



