PUC Docket No. 45624 Attachment 1 Page 399 of 476

PUC Docket No. 45624 Attachment 1 Page 400 of 476



GARLAND POWER & LIGHT

November 9, 2015

Mr. Richard McLeon General Manager Rusk County Electric Cooperative PO Box 1169 Henderson, TX 75653

Re: Rusk - Panola Transmission Project

Dear Mr. McLeon:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 401 of 476

PUC Docket No. 45624 Attachment 1 Page 402 of 476



GARLAND POWER & LIGHT

November 9, 2015

Mr. Glen Brown Vice President, Board of Directors Panola-Harrison Electric Cooperative 410 E. Houston St. Marshall, TX 75670

Re: Rusk - Panola Transmission Project

Dear Mr. Brown:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

l (n=

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 403 of 476

PUC Docket No. 45624 Attachment 1 Page 404 of 476



GARLAND POWER & LIGHT

November 9, 2015

Ms. Kathy Wood General Manager Panola-Harrison Electric Cooperative 410 E. Houston St. Marshall, TX 75670

Re: Rusk - Panola Transmission Project

Dear Ms. Wood:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

l (0-

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 405 of 476

PUC Docket No. 45624 Attachment 1 Page 406 of 476



GARLAND POWER & LIGHT

November 25, 2015

Mr. Brian Johnson SWEPCO 212 East 6th Street Tulsa, OK 74119

Re: Rusk - Panola Transmission Project

Dear Mr. Johnson:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 407 of 476

PUC Docket No. 45624 Attachment 1 Page 408 of 476



GARLAND POWER & LIGHT

November 9, 2015

Senator Kevin Eltife Texas State Senate District 1 PO Box 12068, Capitol Station Austin, TX 78711

Re: Rusk - Panola Transmission Project

Dear Senator Eltife:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

l (Ct

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 409 of 476

(This page intentionally left blank)

•

.

PUC Docket No. 45624 Attachment 1 Page 410 of 476



GARLAND POWER & LIGHT

November 9, 2015

State Representative Chris Paddie Texas State Representative District 9 PO Box 2910 Austin, TX 78768

Re: Rusk - Panola Transmission Project

Dear Representative Paddie:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open houses and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 411 of 476

PUC Docket No. 45624 Attachment 1 Page 412 of 476



GARLAND POWER & LIGHT

November 9, 2015

Mr. Thomas Ratliff State Board of Education District 9 PO Box 232 Mount Pleasant, TX 75456

Re: Rusk - Panola Transmission Project

Dear Mr. Ratliff:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. The Project will be a double circuit, 345-kV alternating current transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County, adjacent to a new Southern Cross converter station, both to be located near the Texas/Louisiana state line (see enclosed map of the Project study area).

Because you are a representative of your community, we want to make you aware of upcoming public outreach to engage and inform residents regarding the transmission line routing process and our subsequent application to the Public Utility Commission of Texas for approval of a certificate of convenience and necessity. We will be holding two public open houses to introduce the Project, present potential routing options, and solicit feedback from landowners and anyone interested in the Project. The open houses will be on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal, and the public is welcome to attend any time from 4 to 7 p.m. Landowners within 500 feet of any of the proposed route options will be mailed an invitation to the open house and a map of the route alternatives. As a leader in the community, we also invite you to attend the open houses. Your insight, including identification of any routing constraints or opportunities that should be considered, is vital to the Project routing process. A map of the proposed route alternatives will be available on the Project website (www.RuskPanolaTransmissionProject.com) starting November 16, 2015.

Your input is important, and we look forward to speaking with you. If you have any questions or require additional information prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 413 of 476

PUC Docket No. 45624 Attachment 1 Page 414 of 476

APPENDIX B - PUBLIC INVOLVEMENT

PUC Docket No. 45624 Attachment 1 Page 415 of 476



GARLAND POWER & LIGHT

November 13, 2015

Addressee Name Address Line 1 (press enter to begin another address line) City, State, Zip Code

Re: Rusk - Panola Transmission Project

Dear Landowner:

Garland Power & Light (GP&L), in partnership with Rusk Interconnection LLC, is developing the Rusk - Panola Transmission Project (Project) to interconnect the Electric Reliability Council of Texas transmission grid to the Southern Cross Transmission Project, which will in turn connect to the southeastern United States. This Project will be a double circuit, 345-kV transmission line that will begin at a new Oncor Electric Delivery Company switching station in Rusk County and extend eastward for approximately 40 miles to a new GP&L switching station in Panola County near the Texas/Louisiana state line (see enclosed map of the proposed route options). This transmission line is being developed in accordance with Texas law and Public Utility Commission of Texas (PUCT) rules and regulations, which include completing a route evaluation process to minimize impacts to the community and the environment.

You are receiving this letter because your property is within 500 feet of a proposed route option for this Project, as shown on the enclosed map. We invite you to join us at one of our two public open houses where we will introduce the Project, present potential routing options, and collect your input for the routing process. The open houses will be held on Tuesday and Wednesday, December 1 and 2, 2015, at the Carthage Civic Center, 1702 South Adams, Carthage, Texas 75633. The open houses will be informal (come and go as you please), and you are welcome to attend any time from 4 to 7 p.m. As each event covers the same material, you may attend the event most convenient for you. Refreshments will be provided.

After considering the information provided by the public and other stakeholders, an application with a set of route alternatives will be filed with the PUCT for a certificate of convenience and necessity for the Project. The PUCT Commissioners will ultimately select a route from the line segments filed by GP&L, and at that time affected landowners will be notified by mail.

Your input is important, and we look forward to speaking with you. Additional information is available on the Project website (www.RuskPanolaTransmissionProject.com). If you have any questions prior to the open houses, please call 888-781-3350 or email info@RuskPanolaTransmissionProject.com. You may also send information by mail addressed to: Burns & McDonnell c/o Joab Ortiz, 9400 Ward Parkway, Kansas City, MO 64114.

1000

Joab Ortiz On Behalf of Garland Power & Light Enclosure

PUC Docket No. 45624 Attachment 1 Page 416 of 476

PUC Docket No. 45624 Attachment 1 Page 417 of 476

PUC Docket No. 45624 Attachment 1 Page 418 of 476

Garland Power & Light Rusk to Panola Double Circuit 345-kV Transmission Line Project QUESTIONNAIRE

This questionnaire is designed to help you identify issues related to the routing of the proposed Rusk to Panola Double Circuit 345kV Transmission Line Project. This transmission line will be located along a route between the proposed Rusk Switching Station located in Rusk County and the proposed Panola Switching Station located in Panola County along the Texas and Louisiana border. Garland Power & Light is responsible for proposing alternative routes for this line to the Public Utility Commission of Texas. Your answers will assist the study team in understanding public interests and concerns, and will allow the team to incorporate this information in the route selection process. Please complete this questionnaire <u>after</u> you have reviewed the information presented in the informational meeting today. Thank you for your input.

LINE ROUTING CONSIDERATIONS

The routing of a transmission line involves many considerations. Please circle the number corresponding to the level of importance of each factor to you. Your ratings will help us evaluate the different route alternatives.

		<u>I va cing</u>				
	Factor	Most Important		Somewhat Important	•••••	Not Important
<u>a)</u>	Maximize distance from residences	1	2	3	4	5
b)	Maximize distance from businesses	1	2	3	4	5
c)	Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	2	3	4	5
<u>d)</u>	Maximize length along existing transmission lines	1	2	3	4	5
e)	Maximize length along highways or other roads	1	2	3	4	5
f)	Maximize length along property boundaries	1	2	3	4	5
g)	Minimize length through wetlands and number of stream / river crossings	1	2	3	4	5
<u>h)</u>	Minimize length across cropland	1	2	3	4	5
<u>i)</u>	Minimize loss of trees	1	2	3	4	5
<u>j)</u>	Minimize visibility of the line	1	2	3	4	5
k)	Minimize total length of line (reducing the total cost)	1	2	3	4	5
I)	Minimize impacts to archaeological and historic sites and/or Native American lands	1	2	3	4	5
m)	Minimize length through high quality Lesser Prairie Chicken habitat	1	2	3	4	5

2. If you would like to comment further on any of the above factors, or identify any other factors or issues that you feel should be considered, please use the space below or an additional page.

3.

If you have a concern with, or a suggestion for, a particular transmission line segment(s) shown on the display of potential routes, please indicate the segment number and describe your concern or suggestion.

Map Sheet & Section No.

<u>Concern</u>

---- over ----

PUC Docket No. 45624 Attachment 1 Page 420 of 476 **Rusk to Panola Transmission Line Project**

4.	Which of the following applies to your situation	1?
	a. Potential line route is near my ho	me.
	b. Potential line route is near my far	m or business.
	c. Not affected by potential route.	
	d. Other, please specify	
5.	Do you believe the public open house format a project?	and the information provided was helpful for your understanding of the
	Open House Format:	helpful not helpful
	Information Provided:	helpful not helpful
	How can we improve this format to better infor	m and respond to you?
6.	If the final engineering design would allow for e	either a lattice type structure or a monopole structure to be constructed what
	would your preference be?	
	a. Lattice Structure	
	b. Monopole Structure	
	c. No Preference	A A A A A A A A A A A A A A A A A A A
-7		
7.	OPTIONAL: Please enter your name and addr	ess below. (Names and addresses are confidential)
	Name:	Phone: ()
	Address:	
	Email:@	
	Please add my name to the project mailing	list and contact me by (circle one) e-mail or regular mail.
PROJE		
8.	After attending the open house do you believe	that the reason this project is being built was described adequately?
	Yes No	Uncertain
÷		
	If "no" or "uncertain," what additional informatio	n would be helpful to you?
ADDITI	ONAL COMMENTS OR QUESTIONS	

We encourage you to fill out and submit your questionnaire at the meeting. If taking the questionnaire with you, please mail completed questionnaires **before Dec. 11** to: Dusty E. Werth, Burns & McDonnell Engineering, 9400 Ward Parkway, Kansas City, MO 64114

Additionally the questionnaire is available at http://ruskpanolatransmissionproject.com/



PUC Docket No. 45624 Attachment 1 Page 421 of 476

PUC Docket No. 45624 Attachment 1 Page 422 of 476

PUC Docket No. 45624 Attachment 1 Page 423 of 476

PUC Docket No. 45624 Attachment 1 Page 424 of 476

PUC Docket No. 45624 Attachment 1 Page 425 of 476

PUC Docket No. 45624 Attachment 1 Page 426 of 476

PUC Docket No. 45624 Attachment 1 Page 427 of 476

APPENDIX C - DETAILED SEGMENT DESCRIPTIONS AND NOTICE MAPS

PUC Docket No. 45624 Attachment 1 Page 428 of 476

Route Designation	Route Segments
RP4	1, 7, 8, 15, 26, 28, 31, 34, 41, 43
RP5	1, 7, 8, 15, 26, 28, 31, 34, 42, 48
RP8	1, 7, 8, 15, 26, 28, 31, 35, 45, 49, 51
RP10	1, 7, 9, 13, 23, 24, 28, 31, 34, 42, 48
RP16	2, 3, 5, 7, 8, 14, 27A, 27B, 38, 42, 48
RP28	2, 3, 6, 10, 13, 23, 24, 28, 31, 34, 42, 48
RP41	2, 3, 6, 11, 12, 16, 18, 21, 24, 28, 31, 34, 42, 48
RP46	2, 3, 6, 11, 12, 16, 19, 29, 31, 34, 42, 48
RP50	2, 3, 6, 11, 12, 16, 19, 30, 36, 44, 46, 48
RP53	2, 3, 6, 11, 12, 17, 32, 36, 44, 46, 48
RP82	2, 4, 12, 17, 33, 39, 50, 51
RP93	1, 7, 8, 14, 27A, 52, 37, 43

Rusk to Panola 345-kV Transmission Line

Rusk Switching Station

The proposed transmission line route begins at the Rusk Switching Station located approximately 940 feet north of Farm to Market Road (FM) 840 and approximately 1,330 feet west of County Road (CR) 3122 in Rusk County, Texas.

Segment	Description
1	From the Rusk Switching Station site, Segment 1 of the proposed transmission line route extends in an east-northeasterly direction for approximately 8,650 feet to a point located approximately 4,900 feet west-southwest of the intersection of State Highway 315 and County Road 1552. This portion of the transmission line segment crosses Murvaul Creek, CR 3122, the Rusk / Panola County line, and Bearden Branch. From this point, the proposed transmission line turns northeast and continues roughly parallel to the northwest side of an existing 345-kV transmission line for approximately 5,610 feet, crossing CR 1552. At this point, the segment deviates to the northwest, away from the existing line for about 2,205 feet to minimize impacts to a road within the right-of-way (ROW), but then turns south-southeast to return to roughly parallel the northwest side of the existing transmission line, heading northeasterly for approximately 4,630 feet to a point located approximately 2,460 feet north-northwest of the intersection of CR 163, FM 348, and State Highway 315. The segment then crosses the existing transmission line and continues in a northeasterly direction roughly parallel to the southeast side of the existing transmission line for approximately 5,965 feet, crossing FM 348 and CR 162, to a point located approximately 965 feet east-southeast of the intersection of CR 161 and CR 162. At this point, the segment turns generally easterly and continues for approximately 7,445 feet, crossing State Highway 315, Sand Creek, and CR 160 to a point located approximately 2,030 feet north-northwest of the intersection of CR 160 and CR 159. The
	segment again turns to the northeast for approximately 8,230 feet, crossing CR 158 and Bull Creek, before reaching a point located approximately 2,855 feet west southwest of

Segment	Description
	the intersection of FM 1971 and CR 156. The segment turns easterly for approximately 4,010 feet, crossing FM 1971 and Davis Branch, and terminates at a point located approximately 1,370 feet east-southeast of the intersection of FM 1971 and CR 156. This point is also the start of Segment 7.
2	From the Rusk Switching Station site, Segment 2 of the proposed transmission line route extends easterly along the north side of apparent property boundaries for approximately 2,731 feet, crossing CR 3122 and Murvaul Creek, to terminate at a point located approximately 2,175 feet northeast of the intersection of FM 840 and CR 3122. This point is also the start of Segments 3 and 4.
3	Segment 3 begins at the intersection of Segments 2 and 4 at a point located approximately 2,175 feet northeast of the intersection of FM 840 and CR 3122 and extends easterly roughly parallel along the north side of apparent property boundaries for approximately 4,330 feet, crossing Murvaul Creek twice, an existing 345-kV transmission line, Murvaul Creek another two times, and the Rusk / Panola County line. Segment 3 then turns east-northeasterly for approximately 2,105 feet, crossing State Highway 315, to a point located approximately 4,530 feet north of the intersection of CR 163 and CR 164. The segment then continues easterly for approximately 9,085 feet, crossing Murvaul Creek three times, to a point located approximately 1,775 feet north of the intersection of CR 163 and CR 163 and CR 1631. It then turns east-southeasterly for approximately 2,615 feet east-northeast of the intersection of CR 163 and CR 1631. After continuing approximately 8,945 feet in an easterly direction, crossing Hord Slough three times, Madkin Creek, Grisham Branch, and CR 171, the segment terminates at a point located approximately 7,390 feet west-northwest of the intersection of FM 1971 and CR 173. This point is also the start of Segments 5 and 6.

Segment	Description
4	Segment 4 begins at the intersection of Segments 2 and 3 at a point located approximately 2,175 feet northeast of the intersection of FM 840 and CR 3122 and extends southeasterly for approximately 2,675 feet to a point located approximately 1,010 feet north of the intersection of State Highway 315 and CR 164, crossing an existing 345-kV transmission line and Brantley Branch. It continues in an east-southeasterly direction for approximately 1,875 feet, crossing State Highway 315 and the Rusk / Panola County line to a point located approximately 1,575 feet north of the intersection of CR 163 and CR 164. Segment 4 then continues easterly for approximately 2,410 feet roughly parallel along the south side of apparent property boundaries and crossing Caney Branch to a point located approximately 3,065 feet east-northeast of the intersection of CR 163 and CR 164. At this point, the segment continues east-southeasterly for approximately 3,060 feet, to a point located approximately 1,880 feet north of the intersection of CR 163 and CR 164. At this point, the segment continues east for approximately 2,470 feet north-ortheast of the intersection of CR 163 and CR 164. At this point, the segment continues east for approximately 2,470 feet north-ortheast of the intersection of CR 163 and CR 164. Segment 4 then continues in a southeasterly direction for approximately 4,820 feet, crossing Madkin Creek, to a point located approximately 2,400 feet north of the intersection of CR 164 and CR 168. Segment 4 then continues in a southeasterly direction for approximately 1,395 feet west north-west of the intersection of FM 1971 and CR 164. The segment continues in an east-southeasterly direction for Approximately 1,395 feet west north-west of the intersection of FM 1971 and CR 1641. The segment continues in an east-southeasterly direction for approximately 5,745 feet, crossing CR 1979 and CR 1641. The segment continues in an east-southeasterly direction for approximately 4,860 feet to a point located approximately 4,345 feet east-sout
5	Segment 5 begins at the intersection of Segments 3 and 6 at a point located approximately 7,390 feet west-northwest of the intersection of FM 1971 and CR 173 and extends north- northeasterly for approximately 13,835 feet, crossing Murvaul Creek, Glade Creek, Sand Creek, and CR 160, to a point located approximately 2,935 feet east-northeast of the intersection of CR 158 and CR 160. Segment 5 continues for approximately 4,580 feet in a northeasterly direction, crossing Bull Creek, to a point located approximately 3,430 feet south of the intersection of FM 1971 and CR 156. Segment 5 continues for approximately 3,430 feet at a point located approximately 1,370 feet east-southeast of the intersection of FM 1971 and CR 156. This point is also the start of Segment 7.
6	Segment 6 begins at the intersection of Segments 3 and 5 at a point located approximately 7,390 feet west-northwest of the intersection of FM 1971 and CR 173 and extends approximately 2,570 feet east-northeasterly to a point located approximately 5,795 feet northwest of the intersection of FM 1971 and CR 173, and then continues east-southeasterly for approximately 4,165 feet, crossing Keaton Springs Branch, to a point located approximately 3,425 feet north of the intersection of FM 1971 and CR 173. Segment 6 continues easterly for approximately 3,900 feet to a point located approximately 2,845 feet southeast of the intersection of CR 174 and FM 1971, and then turns east-southeasterly and continues for approximately 14,965 feet, crossing FM 1971,

Segment	Description
	Beck Creek, CR 175, Sand Creek, and terminating at a point located approximately 3,345 feet west-southwest of the intersection of CR 175 and CR 1755. This point is also the start of Segments 10 and 11.
7	Segment 7 begins at the intersection of Segments 1 and 5 at a point located approximately 1,370 feet east-southeast of the intersection of FM 1971 and CR 156. The segment extends in a northeasterly direction for approximately 1,640 feet to a point located approximately 2,390 feet east-northeast of the intersection of FM 1971 and CR 156, crossing CR 156, and then turns east-northeast for approximately 5,500 feet to a point located approximately 1,920 feet north-northeast of the intersection of FM 1970 and CR 1571, crossing Sessums Creek and FM 1970. At this point, the segment continues in a northeasterly direction for approximately 2,145 feet roughly parallel to the north side of an existing 115-kV transmission line to a point located approximately 3,685 feet northeast of the intersection of FM 1970 and CR 1571. The segment then deviates northwest of the existing transmission line for approximately 1,045 feet due to an oil/gas facility located immediately adjacent to the existing transmission line ROW. The segment continues east-northeast for approximately 4,675 feet along the north side of the intersection of FM 1971, crossing Fallwell Creek, and terminating at a point located approximately 6,930 feet west-southwest of the intersection of CR 108 and CR 114. This point is also the start of Segments 8 and 9.
8	Segment 8 begins at the intersection of Segments 7 and 9 at a point located approximately 6,930 feet west-southwest of the intersection of CR 108 and CR 114 and extends east- northeast for approximately 4,695 feet along the north side of an existing 115-kV transmission line, crossing West Fork Indian Creek, to a point located approximately 2,745 feet west-southwest of the intersection of CR 108 and CR 114. At this point, Segment 8 deviates from the existing line in a northeasterly direction for approximately 2,310, to a point located approximately 1,160 feet southeast of the intersection of CR108 and CR114 and then Segment 8 continues in a southeasterly direction for approximately 3,160 feet due to a home and other structures located immediately adjacent to the existing transmission line ROW. The segment crosses CR 114 and East Fork Indian Creek. The segment then continues east-northeast roughly parallel to the north side of the existing transmission line for approximately 5,605 feet from a point located approximately 3,580 feet south of the intersection of CR 108 and CR 117, crossing CR 106 and CR 103. Segment 8 then continues northeasterly for approximately 7,620 feet, crossing CR 403, before terminating at a point located approximately 3,850 feet south-southeast of the intersection of CR 108 and CR 403. This point is also the start of Segments 14 and 15.
9	Segment 9 begins at the intersection of Segments 7 and 8 at a point located approximately 6,930 feet west-southwest of the intersection of CR 108 and CR 114 and extends southeasterly for approximately 3,430 feet to a point located approximately 6,550 feet northwest of the intersection of CR 114 and CR 106, crossing West Fork Indian Creek and CR 114 and extends southeasterly for approximately 6,490 feet to a point located approximately 2,385 feet west of the intersection of CR 114 and CR 117, crossing West Fork Indian Creek three times. At this point, the segment continues east-southeasterly for approximately 3,200 feet to a point located approximately 550 feet east of the intersection of CR 114 and CR 118, crossing CR 114 and then turns southeasterly for another 12,345 feet, crossing CR 114, Stephenson Creek, and a railroad, to terminate at a point located

Segment	Description
	approximately 3,860 feet south of the intersection of FM 10 and CR 114. This point is also the start of Segment 13.
10	Segment 10 begins at the intersection of Segments 6 and 11 at a point located approximately 3,345 feet west-southwest of the intersection of CR 175 and CR 1755 and extends approximately 4,055 feet easterly, crossing Caney Creek. It then continues north- northeasterly for approximately 10,985 feet, crossing CR 175, CR 176, Holly Creek, and Colo Creek, to a point located approximately 2,900 feet west-northwest of the intersection of FM 1970 and CR 1244. At this point, Segment 10 turns northerly and extends for approximately 3,420 feet to a point located approximately 2,000 feet west-southwest of the intersection of FM 1970 and FM 2260, crossing CR 125 and Colo Creek. The next section of the segment then extends northeasterly for approximately 6,135 feet, crossing Colo Creek and FM 1970, to a point located approximately 5,045 feet north-northeast of the intersection of FM 1970 and FM 2260. It then extends east-northeasterly for approximately 6,840 feet, crossing Murvaul Creek two times, a railroad, and Murvaul Creek once more, and terminates at a point located approximately 3,860 feet south of the intersection of FM 10 and CR 114. This point is also the start of Segment 13.
11	Segment 11 begins at the intersection of Segments 6 and 10 at a point located approximately 3,345 feet west-southwest of the intersection of CR 175 and CR 1755 and extends approximately 6,430 feet southeasterly, crossing Caney Creek and FM 999, to terminate at a point located approximately 1,555 feet east-northeast of the intersection of CR 177 and CR 179. This point is also the start of Segment 12.
12	Segment 12 begins at the intersection of Segments 4 and 11 at a point located approximately 1,555 feet east-northeast of the intersection of CR 177 and CR 179 and extends east-southeasterly for approximately 11,265 feet, crossing CR 175, FM 1970, and Brushy Creek, to a point located approximately 3,975 feet southeast of the intersection of FM 1970 and CR 1756. Segment 12 continues for another 6,115 feet in an east- northeasterly direction to a point located approximately 1,745 feet south of the intersection of CR 132 and CR 133, crossing Brushy Creek. The Segment then turns east- southeasterly and continues for approximately 9,875 feet, crossing CR 133, Brushy Creek, and CR 125, to terminate at a point located approximately 5,560 feet north-northwest of the intersection of CR 4726 and CR 125. This point is also the start of Segments 16 and 17.
13	Segment 13 begins at the intersection of Segments 9 and 10 at a point located approximately 3,860 feet south of the intersection of FM 10 and CR 114 and extends east- northeasterly for approximately 18,400 feet, crossing Murvaul Creek, FM 10, and Murvaul Creek another four times, to terminate at a point located approximately 4,620 feet west-southwest of the intersection of US Highway 59 and CR 420. This point is also the start of Segment 23.
14	Segment 14 begins at the intersection of Segments 8 and 15 at a point located approximately 3,850 feet south-southeast of the intersection of CR 108 and CR 403, extending in an east-northeasterly direction for approximately 3,465 feet, crossing Sixmile Creek twice, to a point located approximately 4,005 feet west-northwest of the intersection of CR 421 and CR 4211. The segment then turns northeast to roughly parallel a railroad for approximately 2,315 feet, again crossing Sixmile Creek, to a point located approximately 4,030 feet north-northwest of the intersection of CR 421 and CR 4211. The segment then turns east-southeast for approximately 11,570 feet, crossing Sixmile Creek, FM 10, US Highway 59, Sixmile Creek a second time, an existing 115-kV transmission

Segment	Description
	line, and Sixmile Creek a third time, to a point located approximately 4,480 feet north of the intersection of FM 2517 and US Highway 59. From this point, the segment continues in a north-northeasterly direction for approximately 2,605 feet, crossing Sixmile Creek, to a point located approximately 3,450 feet south of the intersection of CR 404 and Prairie Road 8041. From this point, the segment continues in a north-northeasterly direction for approximately 1,180 feet, crosses Hooker Branch, to a point located approximately 1,190 feet south of the intersection of CR 404 and Prairie Road 8041. Segment 14 then continues easterly for approximately 3,700 feet, crossing CR 404 and terminating at a point located approximately 2,850 feet southwest of the intersection of CR 406 and FM 699. This point is also the start of Segment 27A.
15	Segment 15 begins at the intersection of Segments 8 and 14 at a point located approximately 3,850 feet south-southeast of the intersection of CR 108 and CR 403 and heads southeasterly for approximately 4,915 feet, crossing a railroad and an existing 115- kV transmission line, to a point located approximately 2,020 feet north-northwest of the intersection of FM 10 and CR 403. Segment 15 then continues east-southeasterly for approximately 3,940 feet, crossing FM 10, to a point located approximately 1,210 feet southeast of the intersection of FM 10and CR 421. Segment 15 then continues southeasterly for approximately 4,650 feet, crossing CR 421, to a point located approximately 2,630 feet east-northeast of the intersection of CR 121 and CR 421. Segment 15 continues east-southeasterly for approximately 5,230 feet, crossing Elm Creek, and terminates at a point located approximately 4,945 feet west-northwest of the intersection of US Highway 59 and CR 122. This point is also the start of Segment 26.
16	Segment 16 begins at the intersection of Segments 12 and 17 at a point located approximately 5,560 feet north-northwest of the intersection of CR 4726 and CR 125 and extends northeasterly for approximately 6,065 feet, crossing Brushy Creek, to a point located approximately 3,155 feet south of the intersection of CR 127 and CR 128. Segment 16 then turns east-northeasterly for approximately 1,760 feet to terminate at a point located approximately 2,860 feet south-southeast of the intersection of CR 127 and CR 127 and CR 128. This point is also the start of Segments 18 and 19.
17	Segment 17 begins at the intersection of Segments 12 and 16 at a point located approximately 5,560 feet north-northwest of the intersection of CR 4726 and CR 125 and extends easterly for approximately 42,830 feet, crossing Little Caney Creek, CR 127, Henderson Creek, a railroad, CR 131, Nail Creek, CR 411, US Highway 59, and an existing 115-kV transmission line, to a point located approximately 1,920 feet west of the intersection of CR 433 and CR 435. The segment then turns north-northeast for approximately 2,785 feet, crosses CR 433, and terminates at a point located approximately 2,575 north-northwest of the intersection of CR 433 and CR 435. This point is also the start of Segments 32 and 33.
18	Segment 18 begins at the intersection of Segments 16 and 19 at a point located approximately 2,860 feet south-southeast of the intersection of CR 127 and CR 128 and extends north-northeasterly for approximately 4,800 feet, crossing a railroad, to a point located approximately 3,000 feet south-southeast of the intersection of CR 129 and CR 130. It then turns north-northwesterly and extends for approximately 2,115 feet, crossing Beech Creek, to a point located approximately 905 feet southeast of the intersection of CR 129 and CR 130 and then turns back on a north-northeasterly path for approximately 11,935 feet, crossing CR 129, FM 999, and Brushy Creek, to terminate at a point located

Segment	Description
	approximately 4,190 feet northwest of the intersection of FM 999 and Shady Lane. This point is also the start of Segment 21.
19	Segment 19 begins at the intersection of Segments 16 and 18 at a point located approximately 2,860 feet south-southeast of the intersection of CR 127 and CR 128 and extends east-northeast for approximately 3,095 feet, roughly parallel to the south side of CR 127 for more than half the length, crossing CR 127 and a railroad, to a point located approximately 2,100 feet north of the intersection of CR 127 and CR 129. It then turns easterly for approximately 4,110 feet, crossing Brushy Creek and CR 129, and extends to a point located approximately 4,100 feet south of the intersection of CR 129 and CR 414. Segment 19 then extends east-northeasterly for approximately 11,845 feet, crossing Henderson Creek, CR 414, and Nail Creek, to a point located approximately 4,295 feet west-southwest of the intersection of US Highway 59 and CR 415. After extending easterly for approximately 2,725 feet and crossing Nail Creek, it terminates at a point located approximately 1,960 feet west-southwest of the intersection of US Highway 59 and CR 424. This point is also the start of Segments 29 and 30.
21	Segment 21 begins at the termination of Segment 18 at a point located approximately 4,190 feet northwest of the intersection of FM 999 and Shady Lane and extends for approximately 2,515 feet north-northeasterly and terminates at a point located approximately 3,075 feet west-southwest of the intersection of US Highway 59 and CR 420 after crossing Brushy Creek. This point is also the start of Segment 24.
23	Segment 23 begins at the termination of Segment 13 at a point located approximately 3,075 feet west-southwest of the intersection of US Highway 59 and CR 420 and extends east-northeasterly for approximately 1,545 feet, crossing Brushy Creek, and then terminating at a point located approximately 3,075 feet west-southwest of the intersection of US Highway 59 and CR 420. This point is also the start of Segment 24.
24	Segment 24 begins at the intersection of Segments 21 and 23 at a point located approximately 3,075 feet west-southwest of the intersection of US Highway 59 and CR 420 and extends northeasterly for approximately 3,425 feet to a point located approximately 2,595 feet northwest of the intersection of US Highway 59 and CR 420, crossing Brushy Creek and Murvaul Creek. At this point, Segment 24 extends northerly for approximately 1,905 feet to a point located approximately 2,630 feet south of the intersection of US Highway 59 and CR 122. It then extends easterly for approximately 8,870 feet, crossing US Highway 59, an existing 115-kV transmission line, and Elm Creek, to terminate at a point located approximately 5,375 feet south of the intersection of CR 405 and CR 4051. This point is also the start of Segment 28.
26	Segment 26 begins at the termination of Segment 15 at a point located approximately 4,945 feet west-northwest of the intersection of US Highway 59 and CR 122 and extends east-southeasterly for approximately 2,620 feet, crossing Elm Creek to a point located approximately 2,330 feet west-northwest of the intersection of US Highway 59 and CR 122. The segment then turns easterly and continues for approximately 4,860 feet, crossing Elm Creek twice, US Highway 59, and an existing 115-kV transmission line to a point located approximately 2,960 feet east-northeast of the intersection of US Highway 59 and CR 122. It then turns southeasterly for 6,855 feet, crossing Elm Creek twice, and terminates at a point located approximately 5,375 feet south of the intersection of CR 405 and CR 4051. This point is also the start of Segment 28.

Segment	Description
27A	Segment 27A begins at the termination of Segment 14 at a point located approximately 2,850 feet southwest of the intersection of CR 406 and FM 699 and extends easterly for approximately 5,760 feet to a point located approximately 2,865 feet north of the intersection of FM 699 and CR 4052, crossing FM 699 and Sixmile Creek. The segment then continues in an east-northeasterly direction roughly parallel to an apparent property boundary for approximately 1,815 feet to a point located approximately 3,845 feet north-northeast of the intersection of FM 699 and CR 4052. This portion of the segment crosses Sixmile Creek twice. The segment then continues easterly for approximately 4,410 feet north-northwest of the intersection of FM 2517 and CR 4053, crossing Sixmile Creek. After extending approximately 2,285 feet to the east-northeast, Segment 27A terminates at a point located approximately 4,920 feet north-northeast of the intersection of FM 2517 and CR 4053. This point is also the start of Segments 27B and 52.
27B	Segment 27B begins at the intersection of Segments 27A and 52 at a point located approximately 4,920 feet north-northeast of the intersection of FM 2517 and CR 4053 and extends easterly for approximately 5,050 feet, crossing Sixmile Creek three times to a point located approximately 2,835 feet north of the intersection of FM 2517 and CR 401. From this point, Segment 27B extends east-southeast for approximately 4,555 feet, crossing CR 401 and FM 2517, to a point located approximately 4,125 feet east-northeast of the intersection of FM 2517 and CR 401, and then southeast for approximately 1,580 feet, roughly parallel to an apparent property line, to a point located approximately 5,110 feet east of the intersection of FM 2517 and CR 401. The segment then continues easterly for approximately 3,475 feet, crossing Sixmile Creek, to a point located approximately 5,575 feet southwest of the intersection of FM 2517 and the Sabine River. The segment then continues east-southeasterly for approximately 1,670 feet, to a point located approximately 4,740 feet southwest of the intersection of FM 2517 and the Sabine River. The segment then continues easterly for approximately 1,670 feet, crossing the Sabine River and CR 448, before terminating at a point located approximately 4,830 feet south- southeast of the intersection of FM 2517 and CR 448. This point is also the start of Segments 37 and 38.
28	Segment 28 begins at the intersection of Segments 24 and 26 at a point located approximately 5,375 feet south of the intersection of CR 405 and CR 4051, extends east-northeast for approximately 7,085 feet, and terminates at a point located approximately 5,160 feet south-southeast of the intersection of FM 699 and CR 405. This point is also the start of Segment 31.
29	Segment 29 begins at the intersection of Segment 19 and 30 at a point located approximately 1,960 feet west-southwest of the intersection of US Highway 59 and CR 424 and extends east-northeasterly for approximately 3,865 feet, crossing CR 415, US Highway 59, and an existing 115-kV transmission line to a point located approximately 1,770 feet northeast of the intersection of US Highway 59 and CR 424. Segment 29 then turns north-northeast for approximately 16,730 feet, crossing CR 424, Beech Branch two times and Murvaul Creek, to terminate at a point located approximately 5,160 feet south- southeast of the intersection of FM 699 and CR 405. This point is also the start of Segment 31.
30	Segment 30 begins at the intersection of Segments 19 and 29 at a point located approximately 1,960 feet west-southwest of the intersection of US Highway 59 and CR 424 and extends east for approximately 4,180 feet, crossing CR 415, US Highway 59, an

Segment	Description
	existing 115-kV transmission line to a point located approximately 4,060 feet northwest of the intersection of CR 425 and CR 426. Segment 30 then extends east for approximately 7,685 feet, crossing Beech Branch and CR 425 to a point located approximately 1,070 feet south-southeast of the intersection of CR 428 and CR 4281. At this point, Segment 30 continues easterly for approximately 5,310 feet to a point located approximately 3,130 feet south-southwest of the intersection of CR 428 and CR 4282 and then turns east-northeasterly for approximately 5,610 feet, crossing CR 429, to a point located approximately 1,665 feet east of the intersection of CR 429 and CR 431. Segment 30 then turns east-northeasterly for approximately 5,895 feet, crossing FM 699, to terminate at a point located approximately 4,290 feet east of the intersection of FM 699 and CR 431. This point is also the start of Segment 36.
31	Segment 31 begins at the intersection of Segments 28 and 29 at a point located approximately 5,160 feet south-southeast of the intersection of FM 699 and CR 405 and runs easterly for approximately 17,690 feet, crossing Holmes Bayou, FM 699, Murvaul Creek, and the Sabine River, and then terminates at a point located approximately 9,770 feet south-southwest of the intersection of CR 443 and CR 448. This point is also the start of Segments 34 and 35.
32	Segment 32 begins at the intersection of Segment 17 and 33 at a point located approximately 2,575 feet north-northwest of the intersection of CR 433 and CR 435 and extends north-northeasterly for approximately 18,260 feet, crossing Brushy Creek, CR 430, Wilkerson Creek, and FM 699, and terminating at a point located approximately 4,290 feet east of the intersection of FM 699 and CR 431. This point is also the start of Segment 36.
33	Segment 33 begins at the intersection of Segments 17 and 32 at a point located approximately 2,575 feet north-northwest of the intersection of CR 433 and CR 435 and extends easterly for approximately 7,690 feet, crossing CR 436 and Brushy Creek to a point located approximately 1,660 feet north of the intersection of CR 435 and CR 4352. At this point, Segment 33 turns northeasterly for approximately 3,565 feet, roughly parallel to the southeast side of apparent property boundaries, crossing FM 699, to terminate at a point located approximately 455 feet southwest of the intersection of CR 416 and CR 430. This point is also the start of Segment 39.
34	Segment 34 begins at the intersection of Segments 31 and 35 at a point located approximately 9,770 feet south of the intersection of CR 443 and CR 448 and extends northeasterly for approximately 20,100 feet, crosses an existing 138-kV transmission line and CR 446, and terminates at a point located approximately 2,365 feet northeast of the intersection of CR 443 and CR 446. This point is also the start of Segments 41 and 42.
35	Segment 35 begins at the intersection of Segments 31 and 34 at a point located approximately 9,770 feet south of the intersection of CR 443 and CR 448 and extends southeasterly approximately 8,545 feet to a point located approximately 12,445 feet northeast of the intersection of FM 699 and CR 431, then turns easterly for approximately 11,475 feet, crossing CR 449, to terminate at a point located approximately 6,715 feet south-southwest of the intersection of CR 449 and CR 450. This point is also the start of Segments 44 and 45.
36	Segment 36 begins at the intersection of Segments 30 and 32 at a point located approximately 4,290 feet east of the intersection of FM 699 and CR 431 and extends northeasterly for approximately 17,905 feet, crossing the Sabine River and CR 449, and

Segment	Description
	terminates at a point located approximately 6,715 feet south-southwest of the intersection of CR 449 and CR 450. This point is also the start of Segments 44 and 45.
37	Segment 37 begins at the intersection of Segments 27B, 38, and 52 at a point located approximately 4,830 feet south-southeast of the intersection of FM 2517 and CR 448 and heads easterly for approximately 4,735 feet to a point located approximately 4,165 feet northwest of the intersection of CR 443 and CR 446. The segment then turns northeasterly for approximately 1,885 feet to a point located approximately 3,910 feet southwest of the intersection of CR 4461 and then turns easterly for another 4,405 feet, crossing CR 446, to a point located approximately 2,505 feet south of the intersection of FM 31 and Getty Road. Segment 37 terminates after turning southeast for approximately 745 feet at a point located approximately 3,035 feet south of the intersection of FM 31 and Getty Road. This point is also the start of Segment 43.
38	Segment 38 begins at the intersection of Segments 27B, 37, and 52 at a point located approximately 4,830 feet south-southeast of the intersection of FM 2517 and CR 448 and heads southeasterly for approximately 2,130 feet, roughly parallel to the southwest side of an existing 138-kV transmission line, to a point located approximately 5,305 feet northeast of the intersection of CR 443 and CR 448. Segment 38 then turns easterly for approximately 7,465 feet, crossing the existing transmission line and CR 446, before terminating at a point located approximately 2,365 feet northeast of the intersection of CR 443 and CR 448. Segments 41 and 42.
39	Segment 39 begins at the termination of Segment 33 at a point located approximately 455 feet southwest of the intersection of CR 416 and CR 430 and extends northeasterly for approximately 6,085 feet roughly parallel to the southeast side of apparent property boundaries, crossing CR 430 and Wilkerson Creek, to a point located approximately 1,225 feet north of the intersection of CR 4302 and CR 4304. Segment 39 then turns northeast for approximately 6,840 feet, crossing Wilkerson Creek and CR 4302, to a point located approximately 7,230 feet northeast of the intersection of CR 4304 and CR 4302. Segment 39 then turns east-northeast for approximately 12,765 feet, crossing the Sabine River, to a point located approximately 16,520 feet north of the intersection of CR 3318 and CR 3794. Segment 39 then turns northeast for approximately 11,110 feet, crossing Hunting Lease Road, CR 455, and an existing 138-kV transmission line to a point located approximately 2,910 feet northwest of the intersection of the intersection of CR 4556 and FM 31. Segment 39 then turns northeast for approximately 6,200 feet northeast of the intersection of FM 31 and CR 4555. This point is also the start of Segment 50.
41	Segment 41 begins at the intersection with Segments 34 and 38 at a point located approximately 2,365 feet northeast of the intersection of CR 443 and CR 446 and extends northeasterly for approximately 3,190 feet to terminate at a point located approximately 3,035 feet south of the intersection of FM 31 and Getty Road. This point is also the start of Segment 43.
42	Segment 42 begins at the intersection of Segments 34, 38, and 41 at a point located approximately 2,365 feet northeast of the intersection of CR 443 and CR 446 and heads east-southeast for approximately 3,650 feet to a point located approximately 3,530 feet north-northwest of the intersection of FM 31 and CR 446. It then heads easterly for approximately 12,770 feet, crossing FM 31, Socagee Creek, CR 461, and FM 3359, to a point located approximately 1,665 feet northeast of the intersection of FM 3359 and CR 462. At this point, Segment 42 turns southeasterly for approximately 1,460 feet to

.

Segment	Description
	terminate at a point located approximately 2,675 feet east of the intersection of FM 3359 and CR 462. This point is also the start of Segment 48.
43	Segment 43 begins at the intersection of Segments 37 and 41 at a point located approximately 3,035 feet south of the intersection of FM 31 and Getty Road and continues easterly for approximately 9,950 feet, crossing FM 31 and Socagee Creek, to a point located approximately 105 feet west of the intersection of FM 3359 and CR 464. At this point, Segment 43 turns northeasterly, then easterly, and then southeasterly for approximately 3,025 feet, crossing FM 3359, CR 464, and Oilfield Road to a point located approximately 1,815 feet east of the intersection of CR 464 and Oilfield Road, roughly parallel the north side of an apparent property boundary to limit impacts on two residences. Segment 43 continues easterly for approximately 8,535 feet, crossing Mill Creek, to a point located approximately 7,260 feet northwest of the intersection of CR 4631 and CR 463. Segment 43 then continues south-southeasterly for approximately 5,130 feet, to a point located approximately 2,610 feet north-northwest of the intersection of CR 463 and 4631. The segment then turns east-southeasterly for approximately 2,805 feet, crossing CR 463, to a point located approximately 2,730 feet northeast of the intersection of CR 463 and CR 4631. Segment 43 then continues southeasterly for approximately 1,920 to the Panola Switching Station proposed site, located approximately 3,780 feet east of the intersection of CR 4631 and CR 4631.
44	Segment 44 begins at the intersection of Segments 35, 36, and 45 at a point located approximately 6,715 feet south-southwest of the intersection of CR 449 and CR 450 and extends east-northeasterly for approximately 5,510 feet, crossing the existing 138-kV transmission line, and CR 449, to a point located approximately 3,250 feet southeast of the intersection of CR 449 and CR 450. Segment 44 then continues northeasterly for approximately 3,030 feet, crossing FM 31 before terminating at a point located approximately 2,845 feet east-southeast of the intersection of FM 31 and CR 449. This point is also the start of Segment 46.
45	Segment 45 begins at the intersection of Segments 35, 36 and 44 at a point located approximately 6,715 feet south-southwest of the intersection of CR 449 and CR 450 and extends easterly for approximately 6,235 feet, roughly parallel to the south side of an apparent property boundary, to a point located approximately 4,695 feet southwest of the intersection of FM 31 and CR 451. The segment then turns east-northeasterly for approximately 4,695 feet, crossing Socagee Creek, to a point located approximately 740 feet south-southeast of the intersection of FM 31 and CR 451, crossing Socagee Creek. At this point, Segment 45 continues east-northeasterly for approximately 7,000 feet to a point located approximately 2,235 feet east-northeast of the intersection of CR 457 and CR 4571, crossing FM 31, Booker Branch twice, and CR 457. The segment continues easterly for approximately 3,875 feet along the north side of apparent property boundaries, crossing CR 456 and Booker Branch, to a point located approximately 690 feet north- northeast of the intersection of CR 458. The segment terminates at a point located approximately 1,550 feet south-southeast of the intersection of CR 456 and CR 563 after turning northeasterly for approximately 5,005 feet and crossing Booker Branch . This point is also the start of Segment 49.
46	Segment 46 begins at the termination of Segment 44 at a point located approximately 2,845 feet east-southeast of the intersection of FM 31 and CR 449 and extends north- northeasterly for approximately 2,695 feet, crossing Socagee Creek, to a point located approximately 3,650 feet east of the intersection of FM 31 and CR 449. From this point

Segment	Description
	Segment 46 continues northeasterly for approximately 9,975 feet, crossing CR 461 and FM 3359, and then terminates at a point located approximately 2,675 feet east of the intersection of FM 3359 and CR 462. This point is also the start of Segment 48.
48	Segment 48 begins at the intersection of Segments 42 and 46 at a point located approximately 2,675 feet east of the intersection of FM 3359 and CR 462 and extends southeasterly for approximately 2,445 feet, crossing Mill Creek, to a point located approximately 1,405 feet north-northeast of the intersection of FM 3359 and CR 4681. The segment continues easterly for approximately 12,555 feet, mostly roughly parallel to apparent property boundaries, crosses CR 463, and terminates at the Panola Switching Station proposed site, located approximately 3,780 feet east of the intersection of CR 4631 and CR 463.
49	Segment 49 begins at the termination of Segment 45 at a point located approximately 1,550 feet south-southeast of the intersection of CR 456 and CR 563 and extends approximately 3,295 feet northeasterly, crossing FM 3359, to terminate at a point located approximately 1,960 feet west of the intersection of CR 455 and CR 465/State Line Road. This point is also the start of Segment 51.
50	Segment 50 begins at the termination of Segment 39 at a point located approximately 6,200 feet northeast of the intersection of FM 31 and CR 4555 and extends northerly for approximately 8,860 feet, roughly parallel to the west side of apparent property boundaries, to a point located approximately 540 feet east-southeast of the intersection of CR 455 and CR 4554. At this point, Segment 50 turns northeasterly for approximately 2,240 feet, crossing FM 3359, to a point located approximately 1,745 feet east-northeast of the intersection of FM 3359 and CR 455. The segment then extends northerly for approximately 2,540 feet, crossing CR 455, to terminate at a point located approximately 1,960 feet west of the intersection of CR 455 and CR 455 and CR 455. This point is also the start of Segment 51.
51	Segment 51 begins at the intersection of Segments 49 and 50 at a point located approximately 1,960 feet west of the intersection of CR 455, CR 465, and State Line Road and continues northerly for approximately 5,510 feet along the west side of apparent property boundaries to a point located approximately 1,745 feet east-northeast of the intersection of CR 4631 and CR 463. At this point, Segment 51 turns easterly for approximately 1,995 feet to terminate at the Panola Switching Station, located approximately 3,780 feet east of the intersection of CR 4631 and CR 463.
52	Segment 52 originates at the intersection of Segments 27A and 27B at a point located approximately 4,920 feet north-northeast of the intersection of FM 2517 and CR 4053 and extends east-northeast for approximately 11,170 feet, crosses Sixmile Creek, to a point located approximately 7,540 feet northeast of the intersection of FM 2517 and CR 401. From this point, Segment 52 extends southeasterly roughly parallel to the southwest side of an existing 138-kV transmission line for approximately 5,140 feet, crossing CR 401, Sixmile Creek, and FM 2517, to a point located approximately 9,270 feet west-southwest of the intersection of FM 2517 and CR 448. Segment 52 then turns east-northeasterly to continue roughly parallel to the south side of the existing transmission line for approximately 7,220 feet, crossing the Sabine River, to a point located approximately 2,065 feet west-southwest of the intersection of FM 2517 and CR 448. The segment then turns southeasterly for approximately 5,350 feet roughly parallel to the southwest side of the existing transmission line, crosses CR 448, and terminates at a point located

Segment	Description
•	approximately 4,830 feet south-southeast of the intersection of FM 2517 and CR 448. This point is also the start of Segments 37 and 38.

Panola Switching Station

The Panola Switching Station is located approximately 3,780 feet east of the intersection of CR 4631 and CR 463 in Panola County, Texas.

PUC Docket No. 45624 Attachment 1 Page 441 of 476

PUC Docket No. 45624 Attachment 1 Page 442 of 476

PUC Docket No. 45624 Attachment 1 Page 443 of 476

PUC Docket No. 45624 Attachment 1 Page 444 of 476

PUC Docket No. 45624 Attachment 1 Page 445 of 476

PUC Docket No. 45624 Attachment 1 Page 446 of 476

PUC Docket No. 45624 Attachment 1 Page 447 of 476

PUC Docket No. 45624 Attachment 1 Page 448 of 476