1500 SW Arrowhead Road Topeka, KS 66604-4027

Andrew J. French, Chairperson Dwight D. Keen, Commissioner Susan K. Duffy, Commissioner



202104071338587200 Filed Date: 04/07/2021 State Corporation Commission of Kansas

Phone: 785-271-3100 Fax: 785-271-3354 http://kcc.ks.gov/

Laura Kelly, Governor

April 7, 2021

Scott Pfeiffer Evergy P.O. Box 889 Topeka, KS 66601

Dear Mr. Pfeiffer:

Your EL No. 39890 has been reviewed and approved. Enclosed is a copy of the location map bearing the approval notation and the date of approval.

Jasm W. hur

Jason W. Kerr Electric Utility Engineer Technician

JWK:can

Enc.



3/11/2021

Kansas Corporation Commission Utility Division 1500 SW Arrowhead Rd, Topeka, KS 66604

Dear Kansas Corporation Commission :

Attached is an application of , a Evergy Company for approval of plans, specifications and location of a proposed electric line as follows:

Evergy proposes to install a new 34kV Sub Transmission line with a new 12kV underbuild and remove the old 34kV Sub Transmission & 12kV underbuild. This is to improve service to customers and balance the load. T11S R22E T12S R22E Sec. 34, 35 Sec. 02, 03, 10, 11

Work Request# M100510222 (34kV) M100510451 (12kV) Application Sketch# 31955 Jim Godbout

Also attached is a copy of our letter of notification to all of the other public utilities within one-half (1/2) mile of this proposed Electric Line, together with maps showing the location of the Electric Line.

Any questions concerning this application please contact Jim Godbout +1 (913) 667-5119 at our Shawnee Service Center office, or Scott Pfeiffer - 785-575-6019, at our general office.

Sincerely,

Scott Pfeiffer

Evergy proposes to install a new 34kV Sub Transmission line with a new 12kV underbuild and remove the old 34kV Sub Transmission & 12kV underbuild. This is to improve service to customers and balance the load.

T11S R22E T12S R22E Sec. 34, 35 Sec. 02, 03, 10, 11

Work Request# M100510222 (34kV) M100510451 (12kV) Application Sketch# 31955 Jim Godbout

	KANSAS CORPORATION O UTILITIES DIVISI <b>OFFICIAL FORM</b>	ON	Form EL July 2020 Form must be signed All blanks must be filled or Application could be rejected
	BEFORE THE STATE CORPORATION COMMISSIO	ON OF THE STATE OF KANSAS	Application could be rejected
IN THE MATTER OF THE APPLICATION OF	Evegy Kansas Central Applicant	"EL" No. Assigned by the Commission	
LOCATION OF PROPOSED ELECTRIC SUPPLY LIN	E CONSTRUCTION		
Section: 02,03,10,11,34,35	Township: T11S, T12S	Range: R22E	
County:	Applicants Unique Identification No.		51
Transmission & 12kV T11S R22E T12S R22 Sec. 34, 35 Sec. 02, Work Request# M100 M100 Application Sketch# J Jim Godbout	03, 10, 11 0510222 (34kV) 510451 (12kV) 1955		e old 34kV Sub
*Applicant's identification of application and rel	ated papers.		
	APPLICATION		
Comes now Evegy Kansas Central	Applicant		
Of Topeka, Kansas	, A Corporation	evention Davkaavskin Individual ov Municipa	17a)
	ating characteristics, physical properties and location on the accompanying map and as hereinafter mor		
Operating Voltage 34,500 & Volt	s, 3 Phase, NA	HERTZ, DESIGN LOAD NA	KILOWATTS,
Design Voltage 34,500 & 12,470 Volt	s, Phase-to-Phase Voltage 34,500 & 1	12,470 Volts, Number of Conductors	8
Along 158th St from Woodend Rd to Lor	Type of configuration [e.g. grounded wye] and een which said proposed lin is to be installed and op nf Rd in Leavenworth Co.		
PHYSICAL PROPERTIES OF LINE:			
(See NOTE below)		: Type ACSR & , Size 1/0,266,4/ , A	Average Span (ft): 200'
Has clearance been provided for other utilities? Cost Estimate \$ \$1,578,995.20	Yes Number and type of customers:	Commercial	
NOTE: Please use the following abbrevieations f		Commercial	
-	glass <b>TS</b> - Tower, Steel <b>SPS</b> - Single Pole, Steel <b>HF</b> N	<b>W</b> - H-Frame, Wood	
<b>O</b> - Other (please explain):		crete HFS - H-Frame, Steel N/A - Not Applica	ble
			Form EL

July 2020

The following is a correct list of all the utilities within 1/2 mile of the proposed line. Absent a joint use or other agreement, all utilities listed below shall be notified in writing as provided in K.A.R. 82-12-5 and a copy of the notice shall be attached. Please indicate those utilities listed for which a joint user or other agreement has been made with an asterisk (\*).

Name	Address	
AT&T	dc2553@att.com, To	opeka, KS - 666033507
Leavenworth County RWD #7	107 W. 2nd St., Bonn	ner Springs, KS - 660121036
Is this line within the Applicant's certificated area?	Yes	
Is a Railroad within 1/2 mile of the contemplated construction?		
Applicant furhter shows to the Commission that the co	nstruction of said propose	ed line shall be throughout in accordance with the Kansas
Administrative Regulations, Article 12, 82-12-1 to 82-12	2-9, inclusive, adopted pur	ursuant to K.S.A 1982 Supp. 77-415, et seq., except
Applicatn further states that:		
<ul> <li>Whenever the proposed line is to be located o</li> </ul>	n private right-of-way, the	e land owner's lawful consent will be obtained;
<ul> <li>"inductive coordination" has been or will be co</li> <li>All utilities and railroads listed above have bee</li> </ul>	•	pecifically in K.A.R.82-12-9; pp of which is attached) as provided in K.A.R. 82-12-5 and that such notice contains the
statement that "if there is nay obection to the	Applicatnt's proposed line	e construction, such objection shall be forwarded to the State Corporation Commission
within the time specified in K.A.R. 82-12-5 from	n date of notice."	
Whereupon, Applicato requests that the State Corpora	tion Commission approve	e the operating characteristics., physical properties, and location of the said proposed line,
as hereinbefore described.		
Signed at: Topeka, Kansas	, this 11	day of March , 2021
City, State	Day	Month Year
		Scott Pfeiffer - Technical Specialist Tech Svcs
		Applicant
	Se	tt Phille
INSTRUCTIONS		
Submit 1 copy of Application along with:		SIGNATURE AND TITLE OF OFFICER
Detailed map (scale not less than 1 inch per mile). On	man, nloaso provido locati	tions
of existing applicant-owned lines in sufficient detail to		
of proposed line(s).	ſ	APPROVED
Copies of all notices to other utilities.		
Cost breakdown of "cost estimate" by units of property	<i>.</i>	By Jason Kerr at 9:07 am, Mar 25, 2021
Submit completed documents into Docket 21-GIME-005-CPL		Date Approved: <u>March 25, 2021</u>
Email ESRI shapefile to shapefile@kcc.ks.gov		
Shapefile fields should contain: Company Name, Count	y, Work Order No., Sectior	on,
Township, Range and Phase.		
		Close
		Close





Form No. 604-1A Rev. (8/93)

# S.C.C. FORM "EL" Application Sketch

List all public utilities (electric, pipe, railroads, & other facilities) within ½ mile of proposed line

Co	ode	Ownership	Length	OH/UG	#Wires	Kind	Size	Phase	Neut/Shld	Grounded/ Ungrounded	Oper. Volts
A	В	Evergy Proposed	9,200'	OH	4	ACSR	266	3	3/8 GSS	Grounded	34,500kV
A	В	Evergy Proposed	9,200'	OH	4	ACSR	1/0	3	1/0 ACSR	Grounded	12,470kV
B	С	Evergy Proposed	350'	UG	3	AURD	500	3	NA	Grounded	34,500kV
B	С	Evergy Proposed	350'	UG	3	AURD	4/0	3	NA	Grounded	12,470kV
С	D	Evergy Proposed	3,300'	OH	4	ACSR	266	3	3/8 GSS	Grounded	34,500kV
С	D	Evergy Proposed	3,300'	OH	4	ACSR	1/0	3	1/0 ACSR	Grounded	12,470kV
E XXX	F XXX	Evergy Removal	12,965'	OH	4	CW	2	3	6A CW	Grounded	34,500kV
E XXX	F XXX	Evergy Removal	12,965'	OH	4	ACSR	266	3	NA	Grounded	12,470kV
		Evergy Proposed								Grounded	12,470kV

AT&T

Leavenworth RWD# 7

Evergy proposes to install a new 34kV Sub Transmission line with a new 12kV underbuild and remove the old 34kV Sub Transmission & 12kV underbuild. This is to improve service to customers and balance the load. T11S R22E T12S R22E Sec. 34, 35 Sec. 02, 03, 10, 11

Work Request# M100510222 (34kV) M100510451 (12kV) Application Sketch# 31955 Jim Godbout

### KCC Cost Report Time run: 3/11/2021 7:59:02 AM

Work Order Number	Tech ID	Location
M100510222	Jim Godbout	BONNER SPRINGS, KS 66012

				1			-,		
		Est Request Num	Est Vers		Nork Order				
		105333		5   1	MP: Jaggard	to Loring T	ap Rebuild ? 34	٨V	
FERC Acct	Action	Description	Quantity	Material	Labor	Additional Items	Transportation	OH Cost	Total Cost
35505	INSTALL	Pole - Laminated - 55 Foot	1.0	14458.3	0.0	0.0	0.0	8023.8	22482.0
35605	INSTALL	Arrester, Lightning - Line Type - 34.5 And 37 Kv	6.0	431.9	0.0	0.0	0.0	239.7	671.5
35605	INSTALL	Cable - Copper	735.0	11266.6	0.0	0.0	0.0	6252.5	17519.1
35605	INSTALL	Conductor - Copper	245.0	0.0	0.0	0.0	0.0	0.0	0.0
35805	INSTALL	Conductor - Copper	245.0	0.0	0.0	0.0	0.0	0.0	0.0
36400	INSTALL	Conduit - Underground	100.0	973.6	467.4	299.5	397.3	1403.3	3541.1
36400	INSTALL	Down Guy SLS	950.0	1127.8	574.9	361.6	488.6	1686.4	4239.3
36400	INSTALL	Fiberglass Cross Arm	4.0	859.5	479.4	308.4	407.5	1361.1	3416.0
36400	INSTALL	Pole - Laminated - 55 Foot	1.0	14458.3	1110.7	4778.6	944.1	10757.7	32049.5
36400	INSTALL	Pole - Wood - 60 Foot	48.0	61578.1	46833.7	45726.6	39808.7	122119.2	316066.3
36400	INSTALL	Pole - Wood - 65 Foot	14.0	27224.6	15786.5	17798.3	13418.6	45142.7	119370.7
36400	INSTALL	Pole - Wood - 70 Foot	2.0	4653.9	1960.0	2127.0	1666.0	6304.6	16711.4
36400	REMOVE	Down Guy SLS	900.0	0.0	1244.0	0.0	1057.4	2119.8	4421.2
36400	REMOVE	Fiberglass Cross Arm	52.0	0.0	8135.8	0.0	6915.4	13863.4	28914.6
36400	REMOVE	Pole - Wood - 35 Foot	9.0	0.0	1844.9	0.0	1568.2	3143.7	6556.8
36400	REMOVE	Pole - Wood - 40 Foot	6.0	0.0	1106.9	0.0	940.9	1886.2	3934.1
36400	REMOVE	Pole - Wood - 45 Foot	10.0	0.0	1475.9	0.0	1254.5	2515.0	5245.4
36400	REMOVE	Pole - Wood - 50 Foot	9.0	0.0	2070.6	0.0	1760.0	3528.4	7359.1
36400	REMOVE	Pole - Wood - 55 Foot	1.0	0.0	462.1	0.0	392.8	787 <u>.</u> 5	1642 <u>.</u> 4
36400	REMOVE	Pole - Wood - 60 Foot	2.0	0.0	462.1	0.0	392.8	787.5	1642.4
36500	INSTALL	Conductor - Aluminum	38838.0	31649.0	26404.0	0.0	22443.4	62559.2	143055.6
36500	INSTALL	Conductor - Static Shield	12926.0	6024.1	5031.3	0.0	4276.6	11917.1	27249.2
36500	INSTALL	Fault Indicator	9.0	0.0	0.0	0.0	0.0	0.0	0.0
36500	INSTALL	Switch - Disconnect - 34.5 And 37 Kv	6.0	2949.6	727.4	0.0	618.3	2874.2	7169.5
36500	REMOVE	Conductor - Copperweld	39543.0	0.0	18434.1	0.0	15669.0	31412.4	65515.5
36700	INSTALL	Fault Indicator	9.0	0.0	450.3	0.0	382.8	767.4	1600.5
	INSTALL		0.0	1487.2	0.0	0.0	0.0	475.9	1963.0
			0.0	179142.5	0.0	0.0	0.0	0.0	179142.5
		SUBTOTAL	0.0	358285.0	135062.2	71400.0	114802.9	341928.4	1021478.6
		CUSTOMER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FERC Acct	Action	Description	Quantity	Material	Labor	Additional Items	Transportation	OH Cost	Total Cost
		CONTRIBUTION							
		GRAND TOTAL	0.0	358285.0	135062.2	71400.0	114802.9	341928.4	1021478.6

## **S.C.C. Application Table**

## WR No. <u>M100510222/M100510451</u>

Physical Properties of Line,

Pole: <u>Wood</u> Height: <u>60',65'</u> Class: <u>1</u> Conductor Type: <u>ACSR & AURD</u> Size: <u>1/0,266,4/0,500</u> Average spans: <u>200'</u> feet

Has clearance been provided for other utilities, Yes:  $\underline{X}$  No:

Application for Primary construction to:	Cost Estimate	Miles of Primary Line	Number of New Customers
New Rural-Domestic			
New Commercial & Industrial			
New Lines to Improve Service	\$557,516.60	2.43 mi	
New Sub Transmission	\$1,021,478.60	2.43 mi	
Retirement			
Conversion			
TOTAL	1, 578,995.20	2.43 mi	

For Official Use Only
Plotted
Checked by
Date Approved

## Remarks, Addresses & Etc

Evergy proposes to install a new 34kV Sub Transmission line with a new 12kV underbuild and remove the old 34kV Sub Transmission & 12kV underbuild. This is to improve service to customers and balance the load.

T11S R22E T12S R22E Sec. 34, 35 Sec. 02, 03, 10, 11

Work Request# M100510222 (34kV) M100510451 (12kV) Application Sketch# 31955 Jim Godbout

	5/11/2021		Work Order	Number Tech ID	Location						
			M100510451		out BONNER SPR	RINGS, KS 6	6012				
					Mark Orden Deser						
			141359		Work Order Descri	•	build 12kV				
			141359	3	MP: Jaggard to Lo	ппу тар ке					
FERC Acct	Action	Description			Quantit	y Material	Labor	Additional Items	Transportation	OH Cost	Total Cost
36400	INSTALL	Down Guy SLS			1980.	0 1130.1	2084.4	0.0	1771.7	4321.2	9307.4
36400	INSTALL	Fiberglass Cross Arm			83.	0 10829.3	24620.1	0.0	20927.1	47434.1	103810.6
36400	INSTALL	Pole - Wood - 30 Foot			1.	) 113.2	261.8	0.0	222.5	569.9	1167.3
36400	INSTALL	Pole - Wood - 40 Foot			8.	2348.5	3299.5	0.0	2804.6	7235.4	15688.0
36400	INSTALL	Pole - Wood - 50 Foot			1.	0 471.6	389.6	0.0	331.1	972.7	2165.0
36400	INSTALL	Wood Cross Arm			2.	3 83.7	649.0	0.0	551.6	1120.2	2404.4
36400	REMOVE	Down Guy SLS			1860.	0.0	6192.0	0.0	5263.2	12685.0	24140.2
36400	REMOVE	Fiberglass Cross Arm			69.	0.0 C	14770.8	0.0	12555.2	23391.8	50717.9
36400	REMOVE	Pole - Wood - 35 Foot			9.	0.0 C	3261.8	0.0	2772.5	5251.3	11285.6
36400	REMOVE	Pole - Wood - 40 Foot			6.	0.0 C	1041.3	0.0	885.1	1725.0	3651.3
36400	REMOVE	Pole - Wood - 45 Foot			1.	0.0 C	0.0	0.0	0.0	0.0	0.0
36500	INSTALL	Arrester			12.	385.1	26.0	0.0	22.1	257.9	691.1
36500	INSTALL	Cable - Aluminum			489.	316.4	233.4	0.0	198.4	573.3	1321.5
36500	INSTALL	Conductor - Aluminum			56110.	0 16943.3	28919.3	0.0	24581.4	58681.7	129125.6
36500	INSTALL	Fault Indicator			6.	0.0	0.0	0.0	0.0	0.0	0.0
36500	INSTALL	Switch - Air Break - 15 Kv			3.	0 10145.1	672.6	0.0	571.7	6776.3	18165.7
36500	INSTALL	Switch - Disconnect - 15 K	V		36.	2396.9	3143.5	0.0	2672.0	6686.6	14899.0
36500	REMOVE	Arrester			6.	0.0	262.0	0.0	222.7	446.4	931.0
36500	REMOVE	Cable - Aluminum			719.	0.0	188.4	0.0	160.1	321.0	669.5
36500		Conductor - Aluminum			43922.			0.0	16369.9	32817.3	
36500		Switch - Disconnect - 15 K	V		45.			0.0	3117.3	6249.2	13034.0
36600	INSTALL	Conduit - Underground			90.			0.0	0.0	66.2	185.5
36700	INSTALL	Fault Indicator			6.			0.0	356.6	714.9	1491.1
	INSTALL	TRANSFORMER-OVERH 7200/12470Y SECONDAF LEGACY TYPEKEY: 0111 PURCHASED TO CONFC OHXFMR, LATEST REVIS	RY: 120/240 SIZE: 25 0302 NOTE: NEW T 0RM TO WESTAR SI	5 KVA TAPS: NO T RANSFORMERS	APS	0 8034.8	0.0	0.0	0.0	0.0	8034.8
	INSTALL	TRANSFORMER-OVERH 7200/12470 SECONDARY LEGACY TYPEKEY: 0111 PURCHASED TO CONFC OHXFMR, LATEST REVIS	7: 120/240 SIZE: 50 H 0302 NOTE: NEW T 0RM TO WESTAR SI	KVA TAPS: NO TA RANSFORMERS	PS	0 1238.0	0.0	0.0	0.0	0.0	1238.0
	REMOVE	TRANSFORMER-OVERH 7200/12470Y SECONDAR LEGACY TYPEKEY: 0111 PURCHASED TO CONFC OHXFMR, LATEST REVIS	RY: 120/240 SIZE: 10 0302 NOTE: NEW T 0RM TO WESTAR SI	) KVA TAPS: NO T RANSFORMERS	APS	0.0	0.0	0.0	0.0	0.0	0.0
		TRANSFORMER-OVERH 7200/12470Y SECONDAR LEGACY TYPEKEY: 0111 PURCHASED TO CONFC OHXFMR, LATEST REVIS	RY: 120/240 SIZE: 25 0302 NOTE: NEW T 0RM TO WESTAR SI	5 KVA TAPS: NO T RANSFORMERS	APS	0 8034.8	0.0	0.0	0.0	0.0	8034.8
		TRANSFORMER-OVERH 7200/12470 SECONDARY LEGACY TYPEKEY: 0111 PURCHASED TO CONFC OHXFMR, LATEST REVIS	7: 120/240 SIZE: 50 H 0302 NOTE: NEW T 0RM TO WESTAR SI	KVA TAPS: NO TA RANSFORMERS	PS	0 1238.0	0.0	0.0	0.0	0.0	1238.0
	INSTALL	Stores Overhead			0.	0.0 C	0.0	0.0	0.0	2967.3	2967.3
593000		O/H TREE TRIMMING			0.	0.0 C	3492.7	0.0	2968.8	4076.0	10537.6
-	INSTALL				0.	2968.2		0.0	0.0	949.8	
					0.			0.0	0.0	0.0	
		SUBTOTAL			0.		116853.6	0.0		226290.5	
		CUSTOMER CONTRIBUT	ION		0.1			0.0	0.0	0.0	
		GRAND TOTAL			0	115046 9	116853.6	0.0	99325.6	226290.5	557516 6



3/11/2021

Leavenworth County RWD #7 107 W. 2nd St. Bonner Springs, KS 660121036

To Whom It May Concern:

This is to advise you that Evergy is filing an "EL" application with the State Corporation Commission in accordance with the provisions of Kansas Administrative Regulations, article number 12, 82-12-1 thru 82-12-9, effective August 11, 1995, State Of Kansas for approval of plan, specifications, and location of an Electric Power Line.

Your companies facilities may be involved directly with our proposed "Electric Power Facilities" or your company is being notified because your facilities are within one-half (1/2) mile of the proposed Electric Line.

The attached sketch shows the location of our proposed Electric Power Line and your facilities. If there are any questions you may have concerning this Electric Power Line, or any problem regarding coordination of your facilites, we will be very glad to discuss the matter with you.

Please Notify Kansas Corporation Commission, Utilities Division, 1500 SW Arrowhead Road, Topeka, KS 66604-4027 and us of any objection that you may have to this proposed Electric Power Line within 10 days (Railroad 15).

Any questions concerning this application, please contact Jim Godbout +1 (913) 667-5119 at our Shawnee Service Center office, or Scott Pfeiffer - 785-575-6019 at our general office.

Sincerely,

Attachment's IDENTIFICATION INFORMATION Application Sketch No 31955, Work Request No M100510222/M100510451 Section (s) 34,35 02,03,10,11 T11S T12S R22E R22E located in Leavenworth County, Kansas

THE OPERATING CHARACTERISTICS OF THIS POWER LINE ARE TO BE: 34,500 & 12,470 Volts, 3 Phase, 8 Wires.

PHYSICAL PROPERTIES OF ELECTRIC LINE: Poles - Kind Wood, Height 60' & 65' , Class 1 , Conductor - Size 1/0,266,4/0,500 , Kind ACSR & AURD



3/11/2021

AT&T Daniel Chase dc2553@att.com Topeka, KS 666033507

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