



1500 SW Arrowhead Road
Topeka, KS 66604-4027

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

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

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.

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,

A handwritten signature in black ink that reads 'Scott Pfeiffer'. The signature is written in a cursive style with a large initial 'S'.

Scott Pfeiffer

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Sec. 34, 35 Sec. 02, 03, 10, 11

Work Request# M100510222 (34kV)

M100510451 (12kV)

Application Sketch# 31955

Jim Godbout

KANSAS CORPORATION COMMISSION
 UTILITIES DIVISION
OFFICIAL FORM "EL"

Form EL
 July 2020
Form must be signed
All blanks must be filled or
Application could be rejected

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS

IN THE MATTER OF THE APPLICATION OF Eveyg Kansas Central "EL" No.
Applicant *Assigned by the Commission*

LOCATION OF PROPOSED ELECTRIC SUPPLY LINE CONSTRUCTION

Section: 02,03,10,11,34,35 Township: T11S, T12S Range: R22E
 County: Applicants Unique Identification No.*: M100510222/M100510451

Describe briefly: Eveyg 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

*Applicant's identification of application and related papers.

APPLICATION

Comes now Eveyg Kansas Central
Applicant
 Of Topeka, Kansas, A Corporation
 (City, State) (Corporation, Partnership, Individual or Municipality)

requesting the Commission to approve the operating characteristics, physical properties and location of proposed electric line, or change in electric line construction, located outside the corporate limit of any city, as shown on the accompanying map and as hereinafter more fully described.

THE OPERATING CHARACTERISTICS OF THIS LINE ARE TO BE:

| | | | | | | | | | |
|-------------------|-----------------|--------|------------------------|-----------------|--------|----------------------|-------------|----|------------|
| Operating Voltage | 34,500 & 12,470 | Volts, | 3 | Phase, | NA | HERTZ, | DESIGN LOAD | NA | KILOWATTS, |
| Design Voltage | 34,500 & 12,470 | Volts, | Phase-to-Phase Voltage | 34,500 & 12,470 | Volts, | Number of Conductors | | | 8 |

Type of configuration [e.g. grounded wye] and points of grounding

The description of the location and points between which said proposed lin is to be installed and operated as are follows:

Along 158th St from Woodend Rd to Lorinf Rd in Leavenworth Co.

PHYSICAL PROPERTIES OF LINE:

Structures: Kind Wood, Height (ft) 60' & 65', Class 1, Conductor: Type ACSR & , Size 1/0,266,4/ , Average Span (ft): 200'
 (See NOTE below) (e.g., ACSR)

Has clearance been provided for other utilities? Yes
 Cost Estimate \$ \$1,578,995.20 Number and type of customers: Commercial

NOTE: Please use the following abbreviations for predominate structure kind:

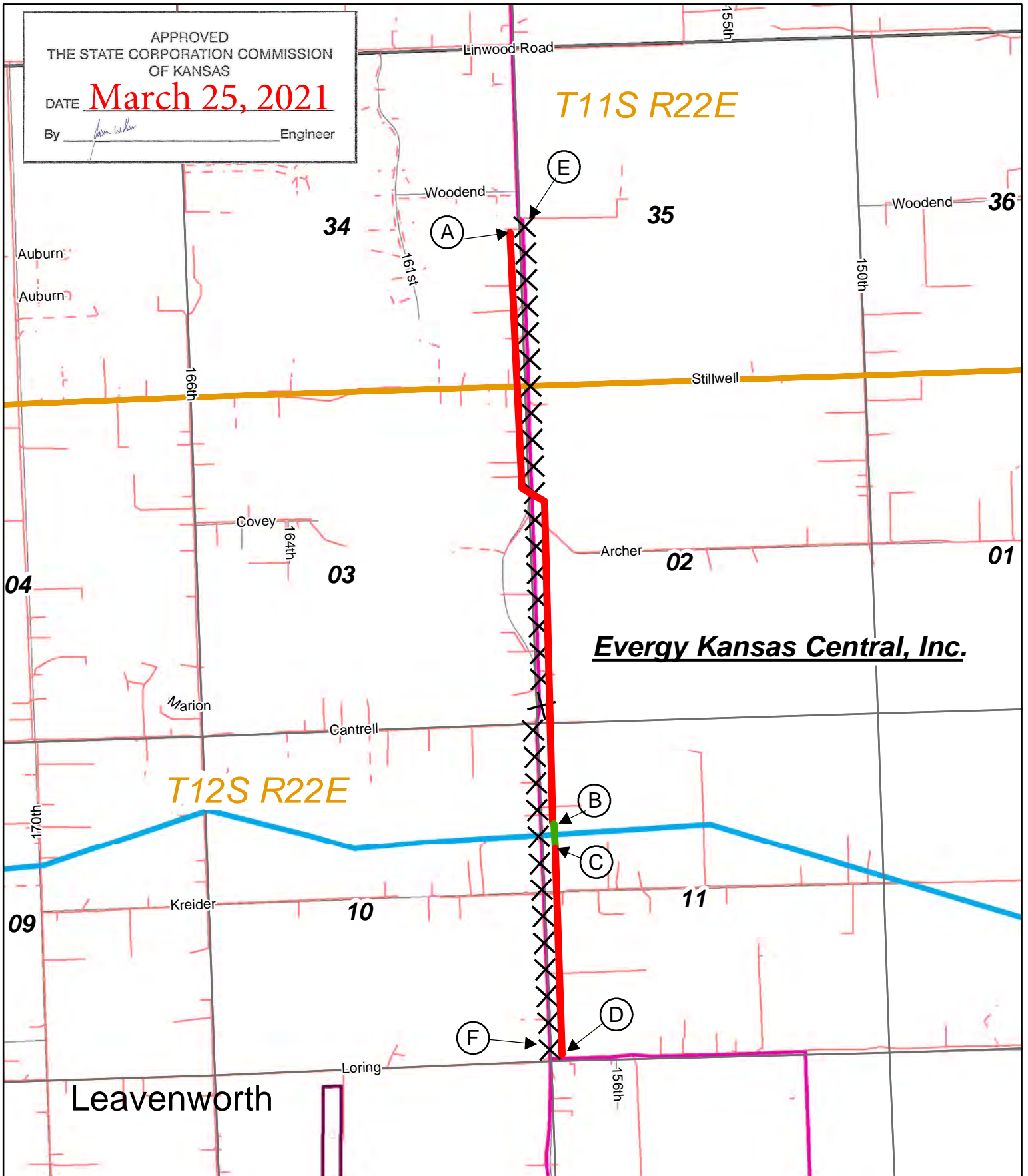
SPW - Single Pole, Wood **SPF** - Single Pole Fiberglass **TS** - Tower, Steel **SPS** - Single Pole, Steel **HFW** - H-Frame, Wood
O - Other (please explain): **SPC** - Single Pole, Concrete **HFS** - H-Frame, Steel **N/A** - Not Applicable

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 utilites listed for which a joint user or other agreement has been made with an asterisk (*).

SCC FORM "EL" APPLICATION SKETCH

APPROVED
 THE STATE CORPORATION COMMISSION
 OF KANSAS
 DATE **March 25, 2021**
 By *[Signature]* Engineer




Think Safety!




| | | | |
|---|--|-------------------------------|--------------|
|  | Removal & Installation of 12kV & 34kV. | | |
| | BY Jim Godbout | WR # M100510222 M100510451 | Crew HQ 3420 |
| | Date 3/11/2021 | Scale 1" = 2,640' | Page 1 |
| | Proposed | Application Number 31955 | |

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

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

AT&T

Leavenworth RWD# 7

Everg 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

EL 39890

| 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. M100510222/M100510451

Physical Properties of Line,

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

Has clearance been provided for other utilities, Yes: 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 | | | |
| <u>TOTAL</u> | 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

KCC Cost Report

Time run: 3/11/2021 8:12:06 AM

| | | |
|-------------------|-------------|--------------------------|
| Work Order Number | Tech ID | Location |
| M100510451 | Jim Godbout | BONNER SPRINGS, KS 66012 |

| | | |
|-----------------|-----------------|--|
| Est Request Num | Est Version Num | Work Order Description |
| 141359 | 3 | MP: Jaggard to Loring Tap Rebuild - 12kV |

| FERC Acct | Action | Description | Quantity | 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 | 1.0 | 113.2 | 261.8 | 0.0 | 222.5 | 569.9 | 1167.3 |
| 36400 | INSTALL | Pole - Wood - 40 Foot | 8.0 | 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 | 2.0 | 83.7 | 649.0 | 0.0 | 551.6 | 1120.2 | 2404.4 |
| 36400 | REMOVE | Down Guy SLS | 1860.0 | 0.0 | 6192.0 | 0.0 | 5263.2 | 12685.0 | 24140.2 |
| 36400 | REMOVE | Fiberglass Cross Arm | 69.0 | 0.0 | 14770.8 | 0.0 | 12555.2 | 23391.8 | 50717.9 |
| 36400 | REMOVE | Pole - Wood - 35 Foot | 9.0 | 0.0 | 3261.8 | 0.0 | 2772.5 | 5251.3 | 11285.6 |
| 36400 | REMOVE | Pole - Wood - 40 Foot | 6.0 | 0.0 | 1041.3 | 0.0 | 885.1 | 1725.0 | 3651.3 |
| 36400 | REMOVE | Pole - Wood - 45 Foot | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 36500 | INSTALL | Arrester | 12.0 | 385.1 | 26.0 | 0.0 | 22.1 | 257.9 | 691.1 |
| 36500 | INSTALL | Cable - Aluminum | 489.0 | 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 | 0.0 |
| 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 Kv | 36.0 | 2396.9 | 3143.5 | 0.0 | 2672.0 | 6686.6 | 14899.0 |
| 36500 | REMOVE | Arrester | 6.0 | 0.0 | 262.0 | 0.0 | 222.7 | 446.4 | 931.0 |
| 36500 | REMOVE | Cable - Aluminum | 719.0 | 0.0 | 188.4 | 0.0 | 160.1 | 321.0 | 669.5 |
| 36500 | REMOVE | Conductor - Aluminum | 43922.0 | 0.0 | 19258.7 | 0.0 | 16369.9 | 32817.3 | 68445.8 |
| 36500 | REMOVE | Switch - Disconnect - 15 Kv | 45.0 | 0.0 | 3667.4 | 0.0 | 3117.3 | 6249.2 | 13034.0 |
| 36600 | INSTALL | Conduit - Underground | 90.0 | 119.3 | 0.0 | 0.0 | 0.0 | 66.2 | 185.5 |
| 36700 | INSTALL | Fault Indicator | 6.0 | 0.0 | 419.6 | 0.0 | 356.6 | 714.9 | 1491.1 |
| | INSTALL | TRANSFORMER-OVERHEAD, 1PH, 25KVA, CONV-A, PRIMARY: 7200/12470Y SECONDARY: 120/240 SIZE: 25 KVA TAPS: NO TAPS LEGACY TYPEKEY: 01110302 NOTE: NEW TRANSFORMERS PURCHASED TO CONFORM TO WESTAR SPECIFICATION 1P-OHXFMR, LATEST REVISION | 10.0 | 8034.8 | 0.0 | 0.0 | 0.0 | 0.0 | 8034.8 |
| | INSTALL | TRANSFORMER-OVERHEAD, 1PH, 50KVA, CONV-A, PRIMARY: 7200/12470 SECONDARY: 120/240 SIZE: 50 KVA TAPS: NO TAPS LEGACY TYPEKEY: 01110302 NOTE: NEW TRANSFORMERS PURCHASED TO CONFORM TO WESTAR SPECIFICATION 1P-OHXFMR, LATEST REVISION | 1.0 | 1238.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1238.0 |
| | REMOVE | TRANSFORMER-OVERHEAD, 1PH, 10KVA, CONV-A, PRIMARY: 7200/12470Y SECONDARY: 120/240 SIZE: 10 KVA TAPS: NO TAPS LEGACY TYPEKEY: 01110302 NOTE: NEW TRANSFORMERS PURCHASED TO CONFORM TO WESTAR SPECIFICATION 1P-OHXFMR, LATEST REVISION | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | TRANSFORMER-OVERHEAD, 1PH, 25KVA, CONV-A, PRIMARY: 7200/12470Y SECONDARY: 120/240 SIZE: 25 KVA TAPS: NO TAPS LEGACY TYPEKEY: 01110302 NOTE: NEW TRANSFORMERS PURCHASED TO CONFORM TO WESTAR SPECIFICATION 1P-OHXFMR, LATEST REVISION | 10.0 | 8034.8 | 0.0 | 0.0 | 0.0 | 0.0 | 8034.8 |
| | | TRANSFORMER-OVERHEAD, 1PH, 50KVA, CONV-A, PRIMARY: 7200/12470 SECONDARY: 120/240 SIZE: 50 KVA TAPS: NO TAPS LEGACY TYPEKEY: 01110302 NOTE: NEW TRANSFORMERS PURCHASED TO CONFORM TO WESTAR SPECIFICATION 1P-OHXFMR, LATEST REVISION | 1.0 | 1238.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1238.0 |
| | INSTALL | Stores Overhead | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2967.3 | 2967.3 |
| 593000 | | O/H TREE TRIMMING | 0.0 | 0.0 | 3492.7 | 0.0 | 2968.8 | 4076.0 | 10537.6 |
| | INSTALL | | 0.0 | 2968.2 | 0.0 | 0.0 | 0.0 | 949.8 | 3918.1 |
| | | | 0.0 | 48250.7 | 0.0 | 0.0 | 0.0 | 0.0 | 48250.7 |
| | | SUBTOTAL | 0.0 | 115046.9 | 116853.6 | 0.0 | 99325.6 | 226290.5 | 557516.6 |
| | | CUSTOMER CONTRIBUTION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | GRAND TOTAL | 0.0 | 115046.9 | 116853.6 | 0.0 | 99325.6 | 226290.5 | 557516.6 |



EL 39890

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 facilities, 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,


Scott Pfeiffer

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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