

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

UTILITY NAME	Kentucky Power Company
REPORT PREPARED BY	Everett G. Phillips
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SECTION 2: REPORT YEAR

CALENDAR YEAR OF REPORT	2021
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SECTION 3: MAJOR EVENT DAYS

TMED	25.5921
FIRST DATE USED TO DETERMINE TMED	1-Jan-16
LAST DATE USED TO DETERMINE TMED	31-Dec-20
NUMBER OF MED IN REPORT YEAR	11

NOTE: Per IEEE 1366 TMED should be calculated using the daily SAIDI values for the five prior years. If five years of data are not available, then utilities should use what is available until five years are accumulated.

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

System Wide Information

Total Customers	164,021	Total Circuits	232
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Excluding MED

	5 Year Average		Reporting Year
SAIDI	435.03	SAIDI	402.25
SAIFI	2.172	SAIFI	1.852

Including MED

	5 Year Average		Reporting Year
SAIDI	1276.31		2839.2
SAIFI	2.585		2.64

Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of May of each year
- 3) Reports cover the calendar year ending in the December before the reports are due.
- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI and TMED

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SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SAIDI AND/OR SAIFI EXCEEDING 5 YEAR AVERAGE)

(CIRCUIT NUMBERS SHOULD BE REPORTED EXCLUDING MED)

CIRCUIT #1:

1. SUBSTATION NAME AND NUMBER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
3. CIRCUIT NAME AND NUMBER
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
5. TOTAL CIRCUIT LENGTH (MILES)
6. CUSTOMER COUNT FOR THIS CIRCUIT
7. DATE OF LAST CIRCUIT TRIM (VM)
8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE
NUMBERS REPRESENTED BY EACH CAUSE
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10. REPORTING YEAR (SAIDI)
11. CIRCUIT 5 YEAR AVERAGE (SAIFI)
12. REPORTING YEAR (SAIFI)
13. CORRECTIVE ACTION PLAN

**REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR AVERAGE
FOR SAIDI AND/OR SAIFI**

Please see Attachment 1 for Section 5: Circuit Reporting

Note: Circuits sorted according to reporting year SAIDI

Electric Distribution Utility Annual Reliability Report

Additional pages may be attached as necessary

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

See attached copy of Kentucky Power Company's Revised 2021 Vegetation Management Report in conformity with Paragraph 8(d) of the Settlement Agreement, Appendix A to the Commission's June 22, 2015 order in Case No. 2014-00396.

SECTION 7: UTILITY COMMENTS

Excluding MED

The Company SAIDI of 402.25 minutes for 2021 represents a 7.5% improvement over the five year average SAIDI of 435.03. Also the Company SAIFI of 1.852 for 2021 represents a 14.7% improvement over the five year average SAIFI of 2.172. These favorable results are due to the completion of past and ongoing reliability improvement initiatives. Examples include: distribution automation and circuit reconfiguration (DACR), tree out of right of way mitigation and new distribution sources with additional distribution circuits.

During 2021, the Company performed DACR work on seven distribution circuits, removed 19,192 trees from outside the right of way and added the new Raccoon 138/34kV Substation with two new 34kV distribution circuits. The Raccoon project reduced the size of two large circuits in the Johns Creek area of Pike County. The Johns Creek area is now served from four distribution circuits instead of the original two distribution circuits. Also, DACR was implemented on two of the Johns Creek area circuits and DACR will be implemented on the remaining two circuits in 2022. With less primary miles per circuit and the associated reduced customer exposure to outages, future reliability in that area will improve.

Including MED

The Company SAIDI of 2835.2 minutes for 2021 was more than double the five-year average of 1276.31 minutes while the Company SAIFI of 2.64 for 2021 represents only a 2.1% increase over the five-year average SAIFI of 2.585.

On February 10, 2021, February 15, 2021, and February 17, 2021, Kentucky Power's service territory experienced three severe and destructive ice and snowstorms that ultimately resulted in about one inch of ice and four to six inches of snow in the worst-hit areas of the Company's service territory. These events represent the worst major event restoration in Kentucky Power's operating history and are the main factor behind the significant increase in the Company's SAIDI including MED.

The first ice storm extended from February 10, 2021 to February 11, 2021, and resulted in 0.25"-0.50" of ice accumulation. The ice caused widespread outages as it brought down power lines and caused ice-laden trees to fall on lines. The Company initiated its Incident Command System at 09:30 a.m., on Wednesday, February 10, 2021. The resulting damage to the Company's transmission and distribution systems was significant. The predicted storm damage was of such a magnitude and so extensive that beginning February 8, 2021, the Commonwealth's Division of Emergency Management established a winter storm event, and Governor Beshear on February 11, 2021 declared a State of Emergency across Kentucky due to the severe weather. In Kentucky Power's service territory, fifteen of twenty counties declared states of emergency (Boyd, Breathitt, Carter, Elliott, Floyd, Greenup, Johnson, Lawrence, Letcher, Lewis, Magoffin, Martin, Morgan, Owsley and Rowan) for the winter storm event.

The second ice storm extended from February 15, 2021 to February 16, 2021, and resulted in an additional 0.25”-0.50” of accumulating ice. Following the second ice storm, the total ice accumulation measured approximately 0.50”-1.00” across much of the Company’s service territory. In addition to bringing down additional trees into power lines, the ice accumulation also caused many roads to become impassable.

On February 17, 2021 many areas also received four to six inches of snow. The combination of snow and melting ice therefore caused additional outages. It also further hampered restoration efforts due to the resulting hazardous road conditions.

In total, the Company restored approximately 141,625 customer outages resulting from the three storms. Many of these outages included multiple outages suffered by the same customers who had their service restored only to lose service again when the successive storms swept Kentucky Power’s service territory. The restoration efforts took nearly three weeks, and early restoration efforts frequently were impaired or were required to be repeated after new outages occurred from additional ice and/or snow. Restoration crews and thousands of employees and contractors from ten states assisted in restoring service to the Company’s customers over the course of the three weeks.

The February event described above resulted in nine MED's. Also, there were two other MED's that occurred during 2021 that negatively affected the Company’s reliability metrics. The total of eleven MED's was an unusually high number for a typical year. For the ten-year period of 2011-2021 there were 41 MED's for an average of four per year. The increase in MED's was due to unusually bad weather. Ten of the eleven MED's were weather related and one was due to a substation transformer failure.

The Company continues to monitor customer reliability and identify opportunities to implement projects, programs and process improvements to improve the customer experience.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION



Aerial Saw Work being performed in the Ashland District on the Busseyville Mattie Circuit.
This is a remote area adjacent to Yatesville Lake. Picture was taken on December 13, 2021.

2021 DISTRIBUTION VEGETATION MANAGEMENT
REPORT AND 2022 DISTRIBUTION VEGETATION MANAGEMENT WORK PLAN
OF KENTUCKY POWER COMPANY

April 1, 2022

In accordance with the Public Service Commission's June 22, 2015 Order in Case No. 2014-00396, as modified by its January 18, 2018 Order in Case No. 2017-00179 and its January 13, 2021 Order in Case No. 2020-00174, Kentucky Power Company provides the following report regarding the operation of its 2021 Distribution Vegetation Management Program and its 2022 Distribution Vegetation Program Plan (see attachments 2, 3, and 4).

Introduction and Background

Kentucky Power began its current five-year distribution vegetation management cycle January 1, 2019. Vegetation growth in the Company's rights-of-way as of January 1, 2021 averages 5.12 years.

Kentucky Power performs cycle-based vegetation management maintenance work on its distribution rights-of-way. The principal characteristics of the Company's distribution rights-of-way vegetation management program are:

- Vegetation within Kentucky Power's distribution system rights-of-way is re-cleared on a five-year cycle. The Company on average will re-clear approximately one fifth of the total miles of rights-of-way each year.
- Annual O&M expenditures for the five-year cycle will average approximately \$21.564 million.
- Kentucky Power will notify the Commission and obtain approval for any deviations from the filed work plan that equal or exceed ten percent of the aggregate planned O&M expenditures; and
- The one-way balancing account established by the Commission's June 22, 2015 order in Case No. 2014-00396 remains in place. Expenditures are credited against the annual budget. Any annual shortfall or excess in expenditures is to be applied to the account balance. There was a positive balance of \$242,450 as of December 31, 2021.

For 2021, planned operations and maintenance ("O&M") expenditures for targeted distribution vegetation management were \$21.733 million. For 2022 and 2023, planned O&M expenditures are \$21.577 million and \$21.586 million, respectively. The three-year average annual O&M expenditures for the period 2021-2023 is \$21.586 million. The amount of O&M embedded in base rates for vegetation management expenditures is \$21,586,046 as provided by the Commission's Order in Case No. 2020-00174.

2021 Distribution Vegetation Management Expenditures
And Rights-of-Way Work Performed

The Company's 2021 distribution vegetation management O&M expenditures were \$21,847,587 or 0.53% percent greater (\$114,493) than the 2021 budget of \$21,733,094.

The Company's 2021 distribution vegetation management capital expenditures were \$8,638,630. This includes capital investment made in connection with O&M expenditures and a reliability widening pilot program in the Pikeville district to combat established threats (*i.e.*, Oak Wilt disease, multiple species Root Rot, Emerald Ash Borer, White Pine Blister Rust, and Hemlock Woolly Adelgid) to Eastern Kentucky forests. Among Pikeville District circuits where targeted widening has been performed the total Customer Minutes of Interruption (CMI) due to Trees Outside Rights-of-Way was reduced by 8.9% from year 2021 into year 2022.

2021 Vegetation Management Mileage Cleared, Expenditures, and Cost / Unit

Kentucky Power's 2021 Work Plan is broken down into four major actions: cycle maintenance (field personnel completing cycle maintenance), internal personnel (provide planning and oversight), spray (future control of regrowth brush and population density of trees within Rights-of-way), and reactive maintenance (field personnel completing maintenance to circuits outside plan to address immediate vegetation-reliability issues). Table 1¹ below provides a comparison of the 2021 work completed, actual expenditures, and Cost / Unit to the projections contained for each of its actions within its 2021 Vegetation Work Plan.

Table 1: 2021 Vegetation Work Plan						
Action Description	Targeted			Actual		
	Miles/Acres	Expenses	Cost/Unit	Miles/Acres	Expenses	Cost/Unit
Cycle Maint. (Miles)	1,657.2	\$18,836,363	\$11,366	1,665.6	\$19,146,306	\$11,495
Internal	-	\$642,631	\$388	-	\$517,525	\$311
Spray (Acres)	2,780.0	\$1,895,100	\$682	5,308.3	\$1,951,959	\$368
Reactive Maint.	-	\$359,000	\$217	-	\$231,797	\$139
TOTALS	-	\$21,733,094	\$12,652	-	\$21,847,587	\$12,313

Kentucky Power targeted 1,657.2 miles of annual cycle maintenance and completed 1,665.6 miles (100.5%) of the 2021 targeted miles. Associated O&M expenditures were

¹ Figures provided are on a circuit level. Costs not allocated to a circuit number include: Internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, and tree contractors field supervision.

\$19,146,306 (1.65%) or \$309,943 above the 2021 budget target of \$18,836,363. The Company's cost per unit for field cycle maintenance was approximately \$129 (1.1%) more per mile than targeted. The slightly increased cost per unit is attributed to the volume of work located in remote areas where distance and time travelled were increased. These remote areas equate to 14.1% of the Company's completed annual cycle miles for year 2021.

The Company targeted 2,780.0 acres of spray in 2021 and completed 5,308.3 total acres in foliar, cut stubble, vine, and aerial applications. Foliar spray completed 3,576.67 (67.4%) of the total acres; cut stubble treatments totaled 1,466.27 (27.6%) acres; while vine and aerial applications completed 205.36 acres (3.9%) and 60.0 acres (1.1%) respectively. In year 2021 the Company expanded its utilization of a third-party provider to complete foliar spray work in all three Districts, providing increased efficiency and a lower cost-per-acre of application.

Kentucky Power's 2021 expenditures for reactive maintenance totaled (\$127,203) less than the targeted work plan. As a product of cycled maintenance clearing and cut stubble spray applications, reactive costs have fallen 20.6% below the previous 3 year average cost of reactive maintenance. This enables the Company to direct the funds toward other vegetation maintenance actions.

Internal Forestry Staff O&M expenditures totaled (\$125,106) less than the targeted work plan of \$642,631 for year 2021.

The Overall 2021 O&M cost per unit of \$12,313 was \$340 or (2.7%) percent below the targeted cost per unit of \$12,652.

O&M and Capital work associated with the 2021 Vegetation Management activities included trimming 57,676 trees, removing 209,837 trees, and clearing 4,021.1 acres of brush.

2021 Distribution Vegetation Management Work by District

Table 2 below details the Company's 2021 O&M vegetation management expenditures by district. Certain O&M expenditures are not reflected in Table 2 such as unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, auditor expenses, third party flagging expenditures, and tree contractor's field supervision.

Table 2: 2021 District Level O&M Expenditures by District				
Nature of Expense	Ashland	Hazard	Pikeville	Total
Annual Cycle Maintenance	\$6,009,819	\$6,208,375	\$8,067,808	\$20,286,001
Internal	\$180,147	\$181,651	\$155,726	\$517,525
TOTALS	\$6,189,966	\$6,390,026	\$8,223,534	\$20,803,526

Table 3 below provides the 2021 vegetation management work by District in terms of miles cleared and acres sprayed.

Table 3: 2021 District Level Cycle Work Performed				
Work Performed	Ashland	Hazard	Pikeville	Total
Annual Cycle Miles Cleared	476.1	574.3	615.2	1,665.6
Acres Sprayed	1,439.3	2,637.8	1,231.3	5,308.3

Attachment 1 to this report provides detail of the 2021 annual cycle vegetation management work and expenditures per district and by circuit. The attachment provides the associated cost for the miles completed during scheduled maintenance, as well as the number of trees trimmed, number of trees removed, acres of brush cut, acres of brush sprayed, and amount of tree growth regulator (soil injection) applied on a per circuit basis.

Measures of Improvement in System Reliability

(SAIFI, CAIDI, SAIDI, and CMI)

Table 4 below provides total system reliability indices for Kentucky Power's distribution system from year 2010 (when the Vegetation Management Program began), through December 31, 2021. Excluded from the calculation of the indices in both Tables 4 and 5 are major events as defined by IEEE Standard 1366.

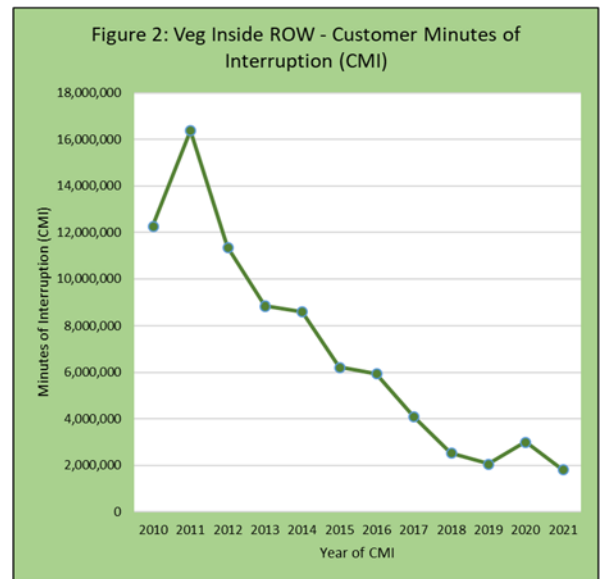
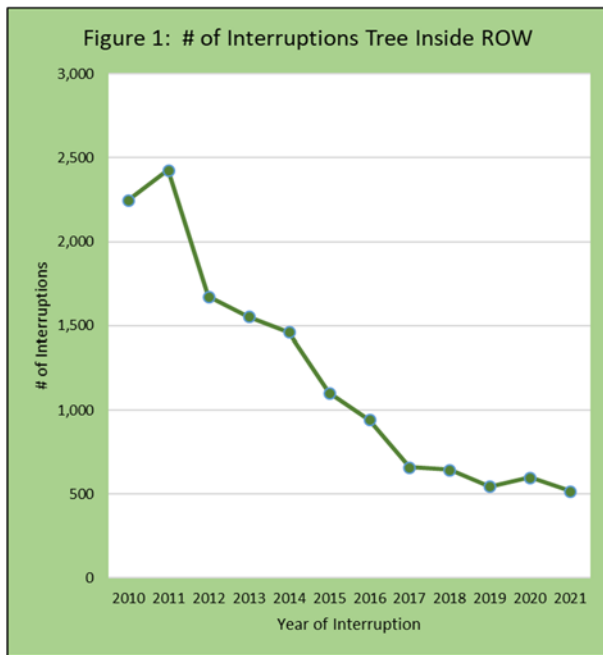
Table 4: Twelve Year Reporting Indices for All Outage Cause Codes			
Year	SAIFI	CAIDI	SAIDI
2010	2.47	169.4	418.4
2011	3.09	195.4	602.8
2012	2.42	189.5	458.0
2013	2.14	178.5	382.7
2014	2.37	212.9	505.3
2015	2.47	189.8	468.1
2016	2.17	205.7	445.8
2017	2.17	187.3	406.3
2018	2.34	206.8	484.2
2019	2.49	195.2	485.0
2020	2.01	197.7	397.4
2021	1.86	218.0	402.3

Table 5 below provides reliability indices limited to Tree Inside Rights-of-Way outages for the same twelve year period.

Table 5: Twelve Year Reporting Indices for Tree Inside Rights-of-Way Outage Cause Codes			
Year	Tree Inside Rights-of-Way SAIFI	Tree Inside Rights-of-Way CAIDI	Tree Inside Rights-of-Way SAIDI
2010	0.371	190.8	70.9
2011	0.419	227.4	95.3
2012	0.256	258.8	66.3
2013	0.281	184.3	51.9
2014	0.215	236.3	50.9
2015	0.178	207.6	37.0
2016	0.172	207.2	35.6
2017	0.114	216.7	24.6
2018	0.075	204.9	15.4
2019	0.081	156.8	12.6
2020	0.074	246.3	18.2
2021	0.055	201.5	11.1

Table 5 highlights the improvements driven by the Company's Distribution Vegetation Management Program. The 2021 Tree Inside Rights-of-Way SAIFI and SAIDI are respectively 72.9 % and 74.5 % below the average Tree Inside Rights-of-Way SAIFI and SAIDI metrics for the previous eleven year period of 2010 through 2020. The CAIDI values decreased 5.2% from the eleven year period average duration of 212.5 to 201.5 in 2021. CAIDI measures the time for crews to respond, assess and identify the trouble, remove any debris that may have caused the outage, perform repairs, and restore service.

Since Kentucky Power's Distribution Vegetation Management Program began in July 2010, the annual number of Tree Inside Rights-of-Way Interruptions (excluding major event days) has declined by approximately 78.7% from a peak of 2,427 interruptions in year 2011 to 518 interruptions in year 2021. The annual number of customer minutes of interruption (CMI) associated with these events has also declined by approximately 88.9% from a peak of 16,388,594 to 1,820,992 over the same period (Figure 1 and Figure 2).



The number of vegetation-related service interruptions for tree inside rights-of-way decreased by 13.5% percent from 599 in year 2020, to 518 in year 2021. The number of customer minutes interrupted due to trees inside rights-of-way decreased from 3,011,960 in year 2020 to 1,820,992 in year 2021. Total number of customer minutes interrupted due to trees inside rights-of-way during year 2021 has decreased 28.3% below the previous three-year average of 2,541,395 minutes of interruption.

Vine-related outages are included in the reported inside rights-of-way outages. For year 2021, vine-related outages constituted approximately 14.0% of inside the rights-of-way customer minutes interrupted, and approximately 52.5% of inside the rights-of-way interruptions.

Tree Inside Rights-of-Way interruptions are expected to remain mostly unchanged for the following reasons:

- The Company has completed end-to-end maintenance clearing for the entire primary distribution system and maintains control of its rights-of-way
- Refusals of customers to allow the Company to clear rights-of-way to the Company's vegetation specifications are not expected to decline; and
- Outages on secondary distribution lines constitute a greater portion of the remaining total outages, limiting a reduction in the total number of outages beyond the current numbers. The Company's distribution vegetation management work has less effect on secondary distribution lines because secondary lines, including service to home attachments, are positioned lower on the poles and are subject to interference from customer planted trees and tall shrubs that become overgrown.

Vegetation Management Program-to-Date Expenditures

Kentucky Power filed vegetation management plans projecting expenditures of \$241,352,861 in Vegetation Management O&M from the beginning of the program on July 1, 2010 through December 31, 2021. In that period, the Company spent \$243,245,596, or \$1,892,735 (0.78%) more than planned.

Kentucky Power has trimmed 826,577 trees; removed 2,846,611 trees; cleared 32,220 acres (50.34 square miles) of brush; and sprayed 36,489 acres of brush (57.01 square miles) since the Company's vegetation management program began July 1, 2010.

Balancing Account

Paragraph 8 (e)(ii) of the Settlement Agreement in Case No. 2014-00396 established a one-way balancing account beginning July 1, 2015. Any regulatory liability associated with the balancing account would “continue to be recorded on the Company’s books until the Commission set base rates in the Company’s next base rate case.” The Commission’s January 18, 2018 Order in Case No. 2017-00179 and January 13, 2021 Order in Case No. 2020-00174 continued the balancing account. The required annual expenditures were modified to reflect the amounts detailed in Table 5 of Mr. Phillips’ direct testimony in Case No. 2020-00174.

The December 31, 2021 balancing account balance of \$242,450 (expenditures in excess of the targeted amounts) is shown in Table 6 below:

Table 6: Kentucky Power Balancing Account Vegetation Management Program Dollars			
Year	Required Expenditure	Actual Expenditure	Variance
2015	\$13,830,530	\$13,620,717	-\$209,813
2016	\$27,661,060	\$27,774,546	\$113,486
2017	\$27,661,060	\$27,840,992	\$179,932
2018	\$21,638,766	\$21,779,501	\$140,735
2019	\$21,283,946	\$21,312,894	\$28,948
2020	\$21,472,777	\$21,347,446	-\$125,331
2021	\$21,733,094	\$21,847,587	\$114,493
Total	\$155,281,233	\$155,523,683	\$242,450

Attachment Description

The following attachments are incorporated in this report:

Attachment 1 – provides a detailed summary of annual cycle maintenance work completed in 2021 at a circuit level within each district.

Attachment 2 – provides the annual cycle maintenance plan for 2022 at circuit level by district reflecting circuit level updates to the Company's previous Vegetation Management Plan filed April 1, 2021.

Attachment 3 – provides the annual spray plan for 2022 at the district level.

Attachment 4 – provides a recapitulation of planned 2022 O&M expenditures (including amounts that cannot be allocated on a circuit basis) by district and projected 2022 capital expenditures by district. The 2022 capital expenditures include, as was detailed in the Company's 2022 Vegetation Management Plan, a pilot capital investment program to widen the Company's existing rights-of-way to address outside of the rights-of-way causes of outages, including particularly the mitigation of threats posed by diseased and dead trees.

Attachment 1 – 2021 Annual Maintenance Cycle History

2021 KY POWER FORESTRY CIRCUIT HISTORY Five Year Cycle Maintenance Clearing				Costs not allocated to a circuit number include: Internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, and tree contractors field supervision							
Ashland District											
Circuit Number	Circuit Name	Cost (Includes O&M and Capital)	Total Line Miles	Reclearing Miles Planned	Reclearing Miles Completed	Trees Trimmed	Trees Removed	Brush Cut (Acres)	Brush Sprayed (Acres)	Tree Growth Regulator	Comments
2206403	South Neal - Whites Creek Road	\$352,863.90	38.9	38.9	38.9	1,013	2,741	38.00	0.00	0.0	Full Circuit Clearing
3000202	Big Sandy - Burnaugh North	\$296,069.64	85.0	25.7	25.7	1,252	2,491	48.70	121.06	0.0	Finish Full Circuit Clearing, from 2020
3000203	Big Sandy - Yatesville	\$776,109.61	62.3	62.3	62.3	2,660	9,379	131.13	85.67	0.0	Full Circuit Clearing
3000301	Bellefonte - Westwood	\$340,009.68	22.9	22.9	22.9	1,074	967	24.55	23.64	0.0	Full Circuit Clearing
3000302	Bellefonte - Flatwoods	\$44,642.44	3.1	3.1	3.1	143	210	5.83	4.76	0.0	Full Circuit Clearing
3000304	Bellefonte - Town Center	\$24,789.45	2.7	2.7	2.7	25	175	5.37	9.12	0.0	Full Circuit Clearing
3000701	Graysbranch - Graysbranch	\$584,129.17	69.0	69.0	69.0	2,178	2,212	47.75	88.08	0.0	Full Circuit Clearing
3001001	Hitchins - Damron Branch	\$77,923.99	46.4	9.3	13.0	488	708	5.90	0.00	0.0	Begin Full Circuit Clearing
3001003	Hitchins - Grayson	\$618,571.15	47.6	47.6	47.6	2,051	3,888	72.40	77.13	0.0	Full Circuit Clearing
3001102	Hoods Creek - Rural	\$0.00	47.9	17.1	0.0	0	0	0.00	0.00	0.0	Begin Full Circuit Clearing, Deferred to 2022
3001202	Howard Collins - 29th St.	\$143,544.94	13.2	13.2	11.7	780	154	2.05	0.00	0.0	Begin Full Circuit Clearing
3001204	Howard Collins - Summitt	\$61,521.61	24.3	24.3	9.8	222	128	7.77	0.00	0.0	Begin Full Circuit Clearing
3007904	Busseyville - Torchlight	\$26,967.10	96.2	2.6	2.6	82	337	4.42	0.00	0.0	Finish Full Circuit Clearing, from 2020
3007905	Busseyville - Mattie	\$1,426,997.57	92.0	92.0	86.0	3,499	18,887	264.02	211.25	0.0	Full Circuit Clearing
3008002	47th Street - 39th Street	\$0.00	12.9	3.3	0.0	0	0	0.00	0.00	0.0	Begin Full Circuit Clearing, Deferred to 2022
3110903	Wurland - Rt. 503	\$424,978.61	46.3	46.3	46.3	1,808	2,261	29.66	21.42	0.0	Full Circuit Clearing
3116701	Belhaven - Diedrich	\$18,962.99	8.9	0.3	0.3	35	13	0.03	0.00	0.0	Finish Full Circuit Clearing, from 2020
3116702	Belhaven - Indian Run	\$164,207.69	19.1	6.7	6.7	582	774	10.88	14.95	0.0	Finish Full Circuit Clearing, from 2020
3116703	Belhaven - Argillite	\$391,933.66	27.7	27.7	27.6	1,346	971	34.64	28.00	0.0	Full Circuit Clearing
3000201	Big Sandy - Fallsburg South	\$65,657.30	0.0	0.0	0.0	26	121	2.67	114.18	0.0	Ground Spray and Reactive Work
3000303	Bellefonte - Bellefonte	\$1,116.10	0.0	0.0	0.0	1	0	0.00	0.00	0.0	Reactive Work
3000601	Grahn - Distribution	\$37,087.28	0.0	0.0	0.0	0	0	0.00	86.13	0.0	Ground Spray
3000801	Hayward - Halderman	\$61,332.40	0.0	0.0	0.0	0	0	0.00	137.17	0.0	Ground Spray
3000802	Hayward - Lawton	\$21,860.00	0.0	0.0	0.0	0	0	0.00	54.65	0.0	Ground Spray
3000903	Highland - Wurland	\$1,869.30	0.0	0.0	0.0	0	2	0.00	0.00	0.0	Capital Work
3001002	Hitchins - Willard	\$41,155.84	0.0	0.0	0.0	0	0	0.00	90.42	0.0	Ground Spray
3001402	Louisa - High Bottom	\$249.86	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Capital Work
3002001	South Shore - Siloam	\$17,254.40	0.0	0.0	0.0	0	0	0.00	37.52	0.0	Ground Spray
3002002	South Shore - Distribution	\$7,003.20	0.0	0.0	0.0	0	0	0.00	16.45	0.0	Ground Spray
3003701	Coalton - US 60 W	\$3,975.00	0.0	0.0	0.0	0	22	0.00	0.00	0.0	Capital Work and Reactive Work
3004301	Siloam - Distribution	\$7,648.16	0.0	0.0	0.0	5	0	0.00	12.38	0.0	Ground Spray and Reactive Work
3007903	Busseyville - Louisa	\$24,118.80	0.0	0.0	0.0	0	0	0.00	53.98	0.0	Ground Spray
3008001	47th Street - 49th Street	\$2,302.30	0.0	0.0	0.0	1	2	0.00	0.00	0.0	Capital Work and Reactive Work
3008003	47th Street - Callettsburg	\$672.90	0.0	0.0	0.0	2	0	0.09	0.00	0.0	Reactive Work
3008701	Cannonsburg - Cannonsburg	\$1,456.20	0.0	0.0	0.0	4	0	0.00	0.00	0.0	Reactive Work
3008702	Cannonsburg - Rt. 3	\$2,677.95	0.0	0.0	0.0	0	0	0.00	0.00	0.0	Reactive Work
3010601	Russell - Kenwood	\$888.13	0.0	0.0	0.0	2	2	0.00	0.00	0.0	Capital Work and Reactive Work
3103101	Olive Hill - Globe	\$39,564.00	0.0	0.0	0.0	0	0	0.00	98.91	0.0	Ground Spray
3103103	Olive Hill - West Carter Elementary	\$23,410.72	0.0	0.0	0.0	0	0	0.00	52.42	0.0	Ground Spray
3116101	Grayson - Lansdowne	\$7,721.15	0.0	0.0	0.0	8	51	0.27	0.00	0.0	Capital Work and Reactive Work
3116102	Grayson - Dixie Park	\$6,007.29	0.0	0.0	0.0	0	0	0.00	0.00	0.0	Reactive Work
Ashland District Totals		\$6,149,251.48		514.8	476.1	19,287	46,497	736.13	1,439.28	0.0	

2021 KY POWER FORESTRY CIRCUIT HISTORY Five Year Cycle Maintenance Clearing				Costs not allocated to a circuit number include: Internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, and tree contractors field supervision								
Hazard District												
Circuit Number	Circuit Name	Cost (Includes O&M and Capital)	Total Line Miles	Reclearing Miles Planned	Reclearing Miles Completed	Trees Trimmed	Trees Removed	Brush Cut (Acres)	Brush Sprayed (Acres)	Tree Growth Regulator	Comments	
3300601	Bluegrass - Walkertown	\$245,418.37	28.7	28.7	28.7	631	2,841	68.49	35.11	0.0	Full Circuit Clearing	
3301401	Combs - Combs	\$103,430.51	9.6	9.6	9.6	280	1,438	22.70	23.67	0.0	Full Circuit Clearing (8.6 mi on Bonnyman Ckt)	
3301402	Combs - Airport Garden	\$329,581.12	42.1	42.1	42.1	1,028	4,629	141.72	82.67	0.0	Full Circuit Clearing	
3303901	Leslie - Hyden	\$274,847.81	89.4	24.2	24.2	839	6,109	81.65	146.16	0.0	Finish Full Circuit Clearing, from 2020	
3309001	Jeff - Boone Ledge	\$44,365.27	5.0	5.0	5.0	172	550	16.35	0.00	0.0	Full Circuit Clearing	
3309101	Whitesburg - Whitesburg	\$80,597.24	8.7	8.7	8.7	148	473	14.35	1.55	0.0	Full Circuit Clearing	
3309102	Whitesburg - Hospital	\$62,125.36	7.1	7.1	7.1	122	1,129	15.12	0.00	0.0	Full Circuit Clearing	
3309104	Whitesburg - Crafts Colley	\$272,206.17	27.8	27.8	27.8	1,459	3,742	59.58	11.17	0.0	Full Circuit Clearing	
3309302	Vicco - Jeff	\$362,507.88	89.0	25.0	35.0	1,774	5,499	97.10	0.00	0.0	Begin Full Circuit Clearing	
3309901	Slemp - Defeated Cr.	\$108,056.05	13.5	13.5	13.5	380	1,648	49.64	87.31	0.0	Full Circuit Clearing, Aerial Spray	
3309902	Slemp - Leatherwood	\$662,098.21	70.7	70.4	70.4	4,026	7,767	179.76	139.19	0.0	Finish Full Circuit Clearing, from 2020	
3309903	Slemp - Beech Fork	\$2,536.40	1.7	1.4	1.4	3	121	1.58	0.00	0.0	Finish Full Circuit Clearing, from 2020	
3309904	Slemp - Royal Diamond	\$15,482.94	2.3	2.3	2.3	47	265	4.97	32.97	0.0	Full Circuit Clearing	
3310503	Haddix - Troublesome Creek	\$629,339.81	91.4	53.8	57.7	1,730	13,313	171.85	48.35	0.0	Begin Full Circuit Clearing, HWY 476 segment	
3311101	Stinnett - Redbird	\$932,324.92	117.5	61.4	74.7	3,436	22,230	364.72	122.40	0.0	Begin Full Circuit Clearing	
3311102	Stinnett - Beech Fork	\$118,196.77	9.6	9.6	9.6	430	2,464	39.07	26.67	0.0	Full Circuit Clearing	
3311401	Reedy - Deane	\$442,223.42	43.2	43.1	43.1	714	6,381	122.68	25.60	0.0	Finish Full Circuit Clearing, from 2020	
3314402	Mayking - Millstone	\$86,731.66	53.5	10.8	10.8	439	908	11.64	11.41	0.0	Finish Full Circuit Clearing, from 2020	
3401301	Fleming - Neon	\$212,216.51	20.2	20.2	19.9	1,199	2,648	49.97	4.28	0.0	Full Circuit Clearing	
3401302	Fleming - McRoberts	\$441,522.65	28.6	28.6	28.6	2,153	5,593	62.07	56.02	0.0	Full Circuit Clearing	
3420001	Softshell - Vest	\$501,872.86	54.0	54.0	54.0	1,015	6,777	139.61	84.33	0.0	Full Circuit Clearing	
3300602	Bluegrass - Hazard	\$12,734.88	0.0	0.0	0.0	0	0	0.00	28.52	0.0	Ground and Vine Spray	
3301101	Chaves - Chaves	\$2,323.42	0.0	0.0	0.0	0	7	0.00	1.51	0.0	Vine Spray and Reactive Work	
3301701	Daisy - Leatherwood	\$9,414.93	0.0	0.0	0.0	0	47	0.00	5.97	0.0	Capital Work and Vine Spray	
3302701	Hazard - Black Gold	\$3,378.34	0.0	0.0	0.0	6	12	0.00	1.63	0.0	Reactive Work	
3302703	Hazard - Hazard	\$6,383.41	0.0	0.0	0.0	0	0	0.00	13.72	0.0	Ground and Vine Spray	
3302704	Hazard - Kenmont	\$3,489.36	0.0	0.0	0.0	0	0	0.00	6.22	0.0	Vine Spray	
3303902	Leslie - Wooton	\$187,041.32	0.0	0.0	0.0	0	49	1.09	404.51	0.0	Ground and Vine Spray, and Capital Work	
3303903	Leslie - Hals Fork	\$5,678.24	0.0	0.0	0.0	0	18	0.00	11.64	0.0	Capital Work and Vine Spray	
3307301	Bulan - Ary-Heiner	\$1,079.00	0.0	0.0	0.0	0	2	0.00	0.00	0.0	Capital Work	
3307302	Bulan - Ajax-Dwarf	\$1,135.56	0.0	0.0	0.0	0	0	0.00	1.23	0.0	Vine Spray	
3308001	Jackson - South Jackson	\$25,782.94	0.0	0.0	0.0	0	0	0.00	56.51	0.0	Ground and Vine Spray	
3308002	Jackson - Panbow	\$36,515.41	0.0	0.0	0.0	0	10	0.00	78.45	0.0	Ground and Vine Spray	
3308401	Beckham - Hindman	\$12,282.35	0.0	0.0	0.0	13	15	0.14	18.22	0.0	Reactive Work and Vine Spray	
3308402	Beckham - Carr Creek	\$1,080.66	0.0	0.0	0.0	0	0	0.00	2.03	0.0	Vine Spray	
3308404	Beckham - Pippa Passes	\$6,429.48	0.0	0.0	0.0	1	16	0.15	5.62	0.0	Reactive Work and Vine Spray	
3308502	Bonnyman - Hazard	\$51,403.17	0.0	0.0	0.0	9	40	0.31	84.90	0.0	Ground and Vine Spray, and Reactive Work	
3308503	Bonnyman - Big Creek	\$4,154.60	0.0	0.0	0.0	0	0	0.00	7.88	0.0	Vine Spray	
3308601	Collier - Upper Rockhouse	\$46,199.93	0.0	0.0	0.0	0	0	0.00	100.47	0.0	Ground and Vine Spray	
3308602	Collier - Lower Rockhouse	\$2,275.25	0.0	0.0	0.0	0	0	0.00	2.77	0.0	Vine Spray	
3308603	Collier - Smoot Creek	\$2,407.90	0.0	0.0	0.0	0	0	0.00	2.74	0.0	Vine Spray	
3309002	Jeff - Jeff	\$1,050.00	0.0	0.0	0.0	0	0	0.00	2.98	0.0	Vine Spray	
3309003	Jeff - Viper	\$3,033.38	0.0	0.0	0.0	0	0	0.00	5.33	0.0	Vine Spray	
3309103	Whitesburg - Cowan	\$49,946.60	0.0	0.0	0.0	20	242	1.44	68.08	0.0	Capital Work, Ground and Vine Spray	
3309301	Vicco - Red Fox	\$12,427.82	0.0	0.0	0.0	0	20	0.00	36.42	0.0	Ground and Vine Spray, and Capital Work	
3309302	Vicco - Jeff	\$8,509.12	0.0	0.0	0.0	0	0	0.00	23.93	0.0	Vine Spray	
3309902	Slemp - Leatherwood	\$22,195.20	0.0	0.0	0.0	0	0	0.00	67.67	0.0	Ground Spray	
3310501	Haddix - Quicksand	\$7,482.55	0.0	0.0	0.0	13	46	0.55	5.54	0.0	Vine Spray and Reactive Work	
3310502	Haddix - Canoe	\$4,397.00	0.0	0.0	0.0	0	0	0.00	8.85	0.0	Vine Spray	
3310503	Haddix - Troublesome Creek	\$18,621.70	0.0	0.0	0.0	0	0	0.00	55.37	0.0	Ground and Vine Spray	
3311101	Stinnett - Redbird	\$3,162.30	0.0	0.0	0.0	0	0	0.00	4.50	0.0	Vine Spray	
3311102	Stinnett - Beech Fork	\$1,035.20	0.0	0.0	0.0	0	0	0.00	3.60	0.0	Ground Spray	
3311103	Stinnett - Wendover 35kV	\$807.70	0.0	0.0	0.0	0	0	0.00	1.17	0.0	Vine Spray	
3311401	Reedy - Deane	\$1,781.44	0.0	0.0	0.0	0	0	0.00	1.73	0.0	Vine Spray	
3311701	Shamrock - Shamrock	\$22,272.10	0.0	0.0	0.0	0	0	0.00	55.53	0.0	Ground and Vine Spray	
3312202	Engle - Grapevine 34.5	\$103,496.68	0.0	0.0	0.0	3	5	0.00	265.01	0.0	Ground and Vine Spray, and Reactive Work	
3314401	Mayking - Ermine	\$24,593.86	0.0	0.0	0.0	15	74	0.59	59.16	0.0	Ground and Vine Spray, and Reactive Work	
3314402	Mayking - Millstone	\$26,318.92	0.0	0.0	0.0	0	0	0.00	68.08	0.0	Ground and Vine Spray	
3401302	Fleming - McRoberts	\$1,651.30	0.0	0.0	0.0	0	0	0.00	1.90	0.0	Vine Spray	
3420002	Softshell - Leburn	\$61,073.76	0.0	0.0	0.0	9	96	1.38	129.52	0.0	Ground and Vine Spray, and Capital Work	
Hazard District Totals		\$6,722,728.71		547.4	574.3	22,114	97,224	1,720.27	2,637.76	0.0		

2021 KY POWER FORESTRY CIRCUIT HISTORY Five Year Cycle Maintenance Clearing				Costs not allocated to a circuit number include: Internal labor & fleet costs, some unscheduled hotspot maintenance, trouble restoration work, tree ticket investigation, and tree contractors field supervision								
Pikeville District												
Circuit Number	Circuit Name	Cost (Includes O&M and Capital)	Total Line Miles	Reclearing Miles Planned	Reclearing Miles Completed	Trees Trimmed	Trees Removed	Brush Cut (Acres)	Brush Sprayed (Acres)	Tree Growth Regulator	Comments	
3120102	Stanville - Tram	\$290,049.00	33.0	33.0	33.0	540	1,322	80.99	0.00	0.0	Full Circuit Clearing	
3200202	Barrenshe - Vulcan - A	\$269,025.28	41.3	6.0	21.0	611	1,630	67.14	0.00	0.0	Begin Full Circuit Clearing	
3401001	Elwood - Dorton	\$797,290.90	43.4	43.4	30.5	1,519	7,848	109.05	0.00	0.0	Full Circuit Clearing	
3401002	Elwood - Virgie	\$928,823.20	80.4	80.4	71.5	1,609	5,824	168.80	1.73	0.0	Full Circuit Clearing	
3401703	Henry Clay - Ashcamp	\$554,239.30	42.2	42.2	42.2	1,194	4,654	149.85	0.00	0.0	Full Circuit Clearing	
3401801	Index - Distribution	\$297,262.04	55.7	4.7	7.6	648	1,485	19.75	0.00	0.0	Begin Full Circuit Clearing	
3402204	McKinney - Maytown	\$388,718.62	35.6	35.6	35.6	772	6,945	82.08	0.00	0.0	Full Circuit Clearing	
3402501	Middle Creek - Distribution	\$122,788.18	5.8	0.0	5.8	193	1,151	21.49	0.00	0.0	Full Circuit Clearing	
3403003	Pikeville - Cedar Creek	\$33,757.12	23.6	1.5	1.5	68	351	8.08	0.00	0.0	Finish Full Circuit Clearing, from 2020	
3403301	Prestonsburg - City	\$78,197.50	6.9	6.9	6.9	150	352	3.42	0.00	0.0	Full Circuit Clearing	
3407101	Topmost - Dema	\$427,571.19	36.2	36.2	34.5	470	2,024	79.16	0.00	0.0	Full Circuit Clearing	
3407102	Topmost - Caney	\$43,049.30	3.1	3.1	3.1	0	701	20.55	0.00	0.0	Full Circuit Clearing	
3407103	Topmost - Kite	\$351,617.64	25.4	5.4	25.4	1,168	4,696	63.62	0.00	0.0	Begin Full Circuit Clearing	
3409002	W. Paintsville - Staffordsville	\$349,688.29	47.1	21.8	21.8	637	3,344	69.15	0.00	0.0	Finish Full Circuit Clearing, from 2020	
3409301	Kenwood - W Van Lear	\$419,472.10	18.8	18.8	18.8	989	2,791	53.88	0.00	0.0	Full Circuit Clearing	
3409303	Kenwood - Hagerhill	\$963,730.57	49.4	49.4	49.4	1,882	6,778	135.13	0.00	0.0	Full Circuit Clearing	
3410601	E. Prestonsburg - Prestonsburg	\$88,110.98	7.4	7.4	7.4	149	356	5.92	0.00	0.0	Full Circuit Clearing	
3411401	Dewey - Inez - A	\$1,215,480.16	170.8	138.5	138.5	2,991	8,237	240.07	0.00	0.0	Finish Full Circuit Clearing, from 2020	
3411802	Johns Creek - Raccoon	\$221,690.17	85.0	22.2	22.2	385	1,858	40.09	0.00	0.0	Finish Full Circuit Clearing, from 2020	
3413402	Garrett - Lackey	\$432,699.41	34.8	34.8	34.8	218	2,947	129.33	0.00	0.0	Full Circuit Clearing	
3414501	Consol - Coal Co	\$23,700.14	3.8	3.8	3.8	10	58	7.62	0.00	0.0	Full Circuit Clearing	
2970603	Hurley-Racefork	\$4,997.90	0.0	0.0	0.0	8	23	0.29	0.00	0.0	Capital and Reactive Work	
3120101	Stanville - Mud Creek	\$263,681.07	0.0	0.0	0.0	3	514	8.04	251.48	0.0	Ground Spray and Reactive Work	
3120103	Stanville - Harold	\$58,621.82	0.0	0.0	0.0	0	0	0.00	77.47	0.0	Ground Spray	
3202201	Lovely - Lovely - A	\$5,062.80	0.0	0.0	0.0	0	3	0.00	0.00	0.0	Capital Work	
3202202	Lovely - Wolf Creek	\$5,560.85	0.0	0.0	0.0	0	5	0.00	0.00	0.0	Capital Work	
3400101	Allen - Distribution	\$3,146.80	0.0	0.0	0.0	8	13	0.00	0.00	0.0	Capital and Reactive Work	
3400702	Draffin - Yellow Hill	\$2,198.34	0.0	0.0	0.0	0	0	0.00	1.89	0.0	Ground Spray	
3401103	Falcon - Burning Fork	\$148,300.88	0.0	0.0	0.0	0	111	0.75	148.32	0.0	Capital Work and Ground Spray	
3401802	Index - Hospital	\$3,188.07	0.0	0.0	0.0	18	17	0.17	0.00	0.0	Reactive Work	
3403201	Beaver Creek - Ligon	\$92,970.00	0.0	0.0	0.0	0	0	0.00	206.60	0.0	Ground Spray	
3403302	Prestonsburg - University	\$1,848.15	0.0	0.0	0.0	2	0	0.00	0.00	0.0	Reactive Work	
3404301	Sidney - Big Creek	\$42,086.21	0.0	0.0	0.0	0	0	0.00	53.96	0.0	Ground Spray	
3408304	Coleman - Calloway	\$1,992.60	0.0	0.0	0.0	0	0	0.00	0.00	0.0	Capital Work	
3409003	West Paintsville - Plaza	\$1,204.20	0.0	0.0	0.0	0	3	0.00	0.00	0.0	Capital Work	
3409302	Kenwood - Auxier	\$1,232.10	0.0	0.0	0.0	2	0	0.00	0.00	0.0	Reactive Work	
3409401	Feds Creek - Feds Creek	\$63,861.88	0.0	0.0	0.0	0	0	0.00	141.92	0.0	Ground Spray	
3409402	Feds Creek - Lick Creek	\$30,017.82	0.0	0.0	0.0	0	0	0.00	66.71	0.0	Ground Spray	
3409502	Burdine - Levisa Stone	\$113,420.48	0.0	0.0	0.0	10	58	0.25	114.17	0.0	Ground Spray and Reactive Work	
3410502	So. Pikeville - Island Creek	\$141,573.00	0.0	0.0	0.0	0	0	0.00	123.34	0.0	Ground Spray	
3410503	South Pikeville - Hospital	\$15,726.56	0.0	0.0	0.0	0	0	0.00	16.24	0.0	Ground Spray	
3413401	Garrett - Garrett	\$8,527.80	0.0	0.0	0.0	16	8	0.00	0.00	0.0	Capital Work and Reactive Work	
3417601	New Camp - South Side	\$24,169.29	0.0	0.0	0.0	0	0	0.00	27.44	0.0	Ground Spray	
3417602	New Camp - Arh-W Wmsn	\$1,586.50	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Capital Work	
3420101	Mayo Trail-Nippa	\$872.30	0.0	0.0	0.0	4	0	0.00	0.00	0.0	Reactive Work	
3420102	Mayo Trail-Euclid	\$530.90	0.0	0.0	0.0	1	6	0.02	0.00	0.0	Reactive Work	
3420103	Mayo Trail - Davis Branch	\$361.26	0.0	0.0	0.0	0	2	0.02	0.00	0.0	Reactive Work	
Pikeville District Totals		\$9,333,600.67		595.0	615.2	16,275	66,116	1,564.71	1,231.26	0.0		
Kentucky Power 2021 Totals		\$22,205,580.86		1,657.2	1,665.6	57,676	209,837	4,021.11	5,308.30	0.0		

Attachment 2 – 2022 Annual Maintenance Cycle Plan

2022 Kentucky Power Distribution Five Year Cycle VM Plan				Costs that are not allocated to a circuit include: Internal labor & fleet costs, unscheduled hotspot maintenance, ground & aerial spray, and aerial saw						
District	Station Name	Circuit Name	Circuit Number	Circuit Line Miles	Miles Planned	Projected O&M Cost per Mile	O&M Cost	Capital Assoc. with Clearing	Total Cost	Comments
ASH	Big Sandy	Fallsburg South	3000201	96.12	37.58	\$11,693	\$439,441	\$21,972	\$461,413	Begin Full Circuit Reclear
ASH	Bellefonte	Bellefonte	3000303	57.93	57.93	\$11,693	\$677,403	\$33,870	\$711,273	Full Circuit Reclear
ASH	Grahn	Pleasantville	3000601	42.32	42.32	\$11,693	\$494,868	\$24,743	\$519,611	Full Circuit Reclear
ASH	Hitchens	Denton	3001001	46.40	33.40	\$11,693	\$390,562	\$19,528	\$410,090	Finish Full Circuit Reclear from 2021
ASH	Hitchens	Willard	3001002	150.51	52.25	\$11,693	\$610,984	\$30,549	\$641,534	Begin Full Circuit Reclear
ASH	Hitchens	EK Road	3001004	31.80	31.80	\$11,693	\$371,853	\$18,593	\$390,445	Full Circuit Reclear
ASH	Hoods Creek	Rural	3001102	47.86	47.86	\$11,693	\$559,650	\$27,982	\$587,632	Full Circuit Reclear
ASH	Howard Collins	29th Street	3001202	13.16	1.50	\$11,693	\$17,540	\$877	\$18,417	Finish Full Circuit Reclear from 2021
ASH	Howard Collins	Summit	3001204	24.28	14.48	\$11,693	\$169,322	\$8,466	\$177,788	Finish Full Circuit Reclear from 2021
ASH	Coalton	Cannonsburg	3003702	23.23	23.23	\$11,693	\$271,640	\$13,582	\$285,222	Full Circuit Reclear
ASH	Coalton	Trace Creek	3003703	83.89	83.89	\$11,693	\$980,966	\$49,048	\$1,030,014	Full Circuit Reclear
ASH	Busseyville	Louisa	3007903	44.28	44.28	\$11,693	\$517,787	\$25,889	\$543,677	Full Circuit Reclear
ASH	Busseyville	Mattie	3007905	92.04	6.00	\$11,693	\$70,161	\$3,508	\$73,669	Finish Full Circuit Reclear from 2021
ASH	47th Street	39th Street	3008002	12.88	12.88	\$11,693	\$150,612	\$7,531	\$158,143	Full Circuit Reclear
ASH	Olive Hill	West Carter Elem.	3103103	38.35	38.35	\$11,693	\$448,445	\$22,422	\$470,867	Full Circuit Reclear
Ashland District Totals					527.75		\$6,171,234	\$308,562	\$6,479,796	

2022 Kentucky Power Distribution Five Year Cycle VM Plan				Costs that are not allocated to a circuit include: Internal labor & fleet costs, unscheduled hotspot maintenance, ground & aerial spray, and aerial saw						
District	Station Name	Circuit Name	Circuit Number	Circuit Line Miles	Miles Planned	Projected O&M Cost per Mile	O&M Cost	Capital Assoc. with Clearing	Total Cost	Comments
HAZ	Chavies	Chavies	3301101	67.97	67.97	\$11,394	\$774,481	\$65,831	\$840,312	Full Circuit Reclear
HAZ	Bulan	Lotts Creek	3307303	2.24	2.24	\$11,394	\$25,524	\$2,170	\$27,693	Full Circuit Reclear
HAZ	Beckham	Hindman	3308401	103.30	103.30	\$11,394	\$1,177,048	\$100,049	\$1,277,097	Full Circuit Reclear
HAZ	Beckham	Carr Creek	3308402	51.35	17.37	\$11,394	\$197,922	\$16,823	\$214,745	Begin Full Circuit Reclear
HAZ	Vicco	Jeff	3309302	89.02	54.02	\$11,394	\$615,529	\$52,320	\$667,849	Finish Full Circuit Reclear, from 2021
HAZ	Haddix	Quicksand	3310501	111.18	38.77	\$11,394	\$441,763	\$37,550	\$479,313	Begin Full Circuit Reclear
HAZ	Haddix	Canoe	3310502	123.12	123.12	\$11,394	\$1,402,886	\$119,245	\$1,522,131	Full Circuit Reclear
HAZ	Haddix	Troublesome Creek	3310503	91.39	33.69	\$11,394	\$383,879	\$32,630	\$416,509	Finish Full Circuit Reclear, from 2021
HAZ	Stinnett	Redbird	3311101	117.48	42.83	\$11,394	\$488,025	\$41,482	\$529,507	Finish Full Circuit Reclear, from 2021
HAZ	Stinnett	Wendover	3311103	35.92	18.00	\$11,394	\$205,100	\$17,434	\$222,534	Begin Full Circuit Reclear
HAZ	Jenkins	Kona	3312901	27.13	27.13	\$11,394	\$309,132	\$26,276	\$335,408	Full Circuit Reclear
HAZ	Burdine	Jenkins	3409503	6.93	6.93	\$11,394	\$78,964	\$6,712	\$85,676	Full Circuit Reclear
Hazad District Totals					535.37		\$6,100,252	\$518,521	\$6,618,773	

2022 Kentucky Power Distribution Five Year Cycle VM Plan				Costs that are not allocated to a circuit include: internal labor & fleet costs, unscheduled hotspot maintenance, ground & aerial spray, and aerial saw							
District	Station Name	Circuit Name	Circuit Number	Circuit Line Miles	Miles Planned	Projected O&M Cost per Mile	O&M Cost	Capital Assoc. with Clearing	Total Cost	Comments	
PKV	Hurley	Race Fork	2970603	2.77	2.77	\$10,821	\$29,975	\$4,047	\$34,021	Full Circuit Reclear	
PKV	Barrenshe	Freeburn	3200201	11.15	11.15	\$10,821	\$120,656	\$16,289	\$136,944	Full Circuit Reclear	
PKV	Barrenshe	Vulcan	3200202	41.27	20.27	\$10,821	\$219,344	\$29,611	\$248,956	Finish Full Circuit Reclear, from 2021	
PKV	Barrenshe	Slate Branch	3200203	4.40	4.40	\$10,821	\$47,613	\$6,428	\$54,041	Full Circuit Reclear	
PKV	Tom Watkins	Upper Pond Creek	3201001	28.11	28.11	\$10,821	\$304,182	\$41,065	\$345,247	Full Circuit Reclear	
PKV	Lovely	Lovely	3202201	42.33	42.33	\$10,821	\$458,058	\$61,838	\$519,896	Full Circuit Reclear	
PKV	Lovely	Mt. Sterling	3202203	13.38	2.00	\$10,821	\$21,642	\$2,922	\$24,564	Begin Full Circuit Reclear, carry into 2023	
PKV	Elwood	Dorton	3401001	43.41	12.91	\$10,821	\$139,701	\$18,860	\$158,560	Finish Full Circuit Reclear, from 2021	
PKV	Elwood	Virgie	3401002	80.38	8.88	\$10,821	\$96,092	\$12,972	\$109,064	Finish Full Circuit Reclear, from 2021	
PKV	Henry Clay	Regina	3401702	115.85	115.85	\$10,821	\$1,253,628	\$169,240	\$1,422,868	Full Circuit Reclear	
PKV	Index	West Liberty	3401801	55.68	48.08	\$10,821	\$520,280	\$70,238	\$590,518	Finish Full Circuit Reclear, from 2021	
PKV	Index	Hospital	3401802	20.09	20.09	\$10,821	\$217,397	\$29,349	\$246,745	Full Circuit Reclear	
PKV	Keyser	Stonocoal	3402002	36.55	36.55	\$10,821	\$395,512	\$53,394	\$448,907	Full Circuit Reclear	
PKV	Russell Fork	Little Beaver	3403701	12.14	12.14	\$10,821	\$131,369	\$17,735	\$149,103	Full Circuit Reclear	
PKV	Second Fork	Distribution	3403801	7.35	7.35	\$10,821	\$79,535	\$10,737	\$90,273	Full Circuit Reclear	
PKV	Topmost	Dema	3407101	36.16	1.66	\$10,821	\$17,963	\$2,425	\$20,388	Finish Full Circuit Reclear, from 2021	
PKV	Salisbury	Martin	3408103	45.82	1.39	\$10,821	\$15,041	\$2,031	\$17,072	Begin Full Circuit Reclear	
PKV	Kimper	Grapevine	3408402	36.24	36.24	\$10,821	\$392,158	\$52,941	\$445,099	Full Circuit Reclear	
PKV	West Paintsville	Paintsville	3409001	3.40	3.40	\$10,821	\$36,792	\$4,967	\$41,759	Full Circuit Reclear	
PKV	West Paintsville	Plaza	3409003	23.19	23.19	\$10,821	\$250,942	\$33,877	\$284,819	Full Circuit Reclear	
PKV	South Pikeville	Pikeville	3410501	9.69	9.69	\$10,821	\$104,857	\$14,156	\$119,012	Full Circuit Reclear	
PKV	South Pikeville	Hospital	3410503	5.74	5.74	\$10,821	\$62,113	\$8,385	\$70,499	Full Circuit Reclear	
PKV	Sidney	Big Creek	3414301	25.35	25.35	\$10,821	\$274,316	\$37,033	\$311,348	Full Circuit Reclear	
PKV	Fishtrap	Distribution	3414901	4.48	4.48	\$10,821	\$48,479	\$6,545	\$55,023	Full Circuit Reclear	
PKV	New Camp	Southside	3417601	10.24	10.24	\$10,821	\$110,808	\$14,959	\$125,768	Full Circuit Reclear	
PKV	New Camp	ARH	3417602	21.57	21.57	\$10,821	\$233,412	\$31,511	\$264,922	Full Circuit Reclear	
PKV	Mayo Trail	Nippa	3420101	22.49	22.49	\$10,821	\$243,367	\$32,855	\$276,222	Full Circuit Reclear	
PKV	Mayo Trail	Euclid	3420102	19.46	19.46	\$10,821	\$210,579	\$28,428	\$239,007	Full Circuit Reclear	
PKV	Mayo Trail	Davis Branch	3420103	32.15	32.15	\$10,821	\$347,899	\$46,966	\$394,866	Full Circuit Reclear	
Pikeville District Totals				589.93			\$6,383,710	\$861,801	\$7,245,511		
Kentucky Power Aerial Saw (O&M)							\$60,000				
Kentucky Power Totals					1,653.05		\$18,715,196	\$1,688,884	\$20,404,080		

Attachment 3 – 2022 Annual Spray Plan

Kentucky Power 2022 Distribution VM Spray Plan - Cycle Based		
District	Acres	O&M Budget
Ashland	600	\$360,000
Hazard	900	\$540,000
Pikeville	1,270	\$889,000
Aerial Spray	100	\$33,340
KY Total	2,870	\$1,822,340

Attachment 4 – Recapitulation Expenditures by District

Kentucky Power Company 2022 Distribution VM O&M Forestry Plan - Summary				
Activity	Total O&M	Ashland	Hazard	Pikeville
5 Year Cycle Maintenance	\$18,655,196	\$6,171,234	\$6,100,252	\$6,383,710
Aerial Saw	\$60,000			
Spray - Ground & Aerial	\$1,822,340	\$360,000	\$540,000	\$889,000
Internal - KY Forestry Staff	\$661,908	\$220,636	\$220,636	\$220,636
Unscheduled/Reactive Maintenance	\$377,200	\$78,733	\$174,733	\$123,733
2022 Total 5 Yr. Cycle O&M Budget	\$21,576,644	\$6,830,603	\$7,035,621	\$7,617,079

Kentucky Power Company 2022 Distribution VM Capital Forestry Plan - Summary				
Activity	Total Capital	Ashland	Hazard	Pikeville
Capital Assoc. w/ 5 Yr. Cycle Maintenance	\$1,688,884	\$308,562	\$518,521	\$861,801
Internal - KY Forestry Staff	\$108,933	\$36,311	\$36,311	\$36,311
Capital Reliability Pilot Program	\$6,500,000	\$250,000	\$250,000	\$6,000,000
Internal - KY Forestry Staff	\$214,500	\$21,500	\$21,500	\$100,000
2022 Total Capital Budget	\$8,512,317	\$616,373	\$826,332	\$6,998,112

Section 5 - Circuit Report
Reporting Year : 2021

District	Station/ Circuit Number	Station Name	Circuit Name	Station Location	Area Served	Circuit Length (Mi)	Number of Customers Served	Last Circuit R/W Trim Date Completed	Reliability Data For Reporting Year				Circuit Outage Causes for Report Year		List of Corrective Actions	Comments
									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Pikeville	2150103	SPRIGG	SPRIGG	Lobata, KY	Printer, Martin	9.02	131	3/17/2018	1270.9	1,913.37	5.26	4.09	TREE OUT OF ROW, UNKNOWN (NON WEATHER), CONTAMINATION/FLASHOVER, EQUIPMENT FAILURE, SCHEDULED COMPANY, VINE	45.45%, 18.18%, 9.09%, 9.09%, 9.09%, 9.09%	No corrections planned	Tree Out ROW outages accounted for 78.46% of the total SAIDI and 66.42% of the total SAIFI for this circuit.
Ashland	2206403	SOUTH NEAL STATION	WHITES CREEK RD	Hwy 52, Huntington, WV	Whites Creek, US 23, Lockwood	38.91	391	12/31/2021	438.5	626.25	1.39	2.41	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), CUST. EQUIPMENT > 1 CUSTOMER, FACILITATION OF WORK, TREE REMOVAL (NON AEP), UNBALANCE, WEATHER - LIGHTNING	29.41%, 17.65%, 14.71%, 11.76%, 8.82%, 5.88%, 2.94%, 2.94%, 2.94%	No corrections planned	Two Customer Equipment, > 1 customer outages accounted for 58% of the total circuit SAIDI and 76% of the total circuit SAIFI.
Hazard	3311102	STINNETT	BEECH FORK	Greasy Creek Road, Stinnett	Mozelle	9.62	1,215	10/28/2021	1140.0	1,263.22	4.86	9.26	TRANSMISSION INFORMATION NEEDED, TREE OUT OF ROW, VEHICLE ACCIDENT (NON AEP)	33.33%, 33.33%, 33.33%	No corrections planned	1 vehicle accident (non AEP) accounted for 41.20% of the total SAIDI for this circuit.
Ashland	3000102	ASHLAND	29 STREET	2431 Greenup Ave., Ashland, KY 41101	South Ashland, along US 23, 29th St to 39th St	6.86	573	3/28/2020	149.0	87.15	1.62	2.02	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD, FACILITATION OF WORK, SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	31.25%, 25%, 12.5%, 6.25%, 6.25%, 6.25%, 6.25%	No corrections planned	Equipment Failure outages accounted for 77% of SAIDI and 94% of SAIFI.
Ashland	3000103	ASHLAND	14 STREET	2431 Greenup Ave., Ashland, KY 41101	Mayo Plaza, Ashland	1.38	124	3/21/2020	106.5	239.90	1.30	1.84	VEHICLE ACCIDENT (NON AEP)	100.00%	No corrections planned	One Vehicle Accident (non-AEP) outage accounted for 100% of SAIDI and SAIFI.
Ashland	3000104	ASHLAND	3RD STREET	2431 Greenup Ave., Ashland, KY 41101	Front St, 23rd St., Ashland	0.2	7	3/22/2020	61.3	6.00	1.02	1.68	VEHICLE ACCIDENT (NON AEP)	100.00%	No corrections planned	One Vehicle Accident (non-AEP) outage accounted for 100% of SAIDI and SAIFI.
Ashland	3000105	ASHLAND	1ST STREET	2431 Greenup Ave., Ashland, KY 41101	2431 Greenup Ave., Ashland, KY 41101	1.73	121	3/23/2020	43.7	22.87	1.40	1.83	EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER)	33.33%, 33.33%, 33.33%	No corrections planned	One Scheduled Company outage accounted for 61% of total SAIDI and 46% of total SAIFI. One Equipment Failure outage accounted for 26% of total SAIDI and 42% of total SAIDI. One Unknown (non-weather) outage accounted for 13% of total SAIDI and 12% of total SAIFI.
Ashland	3000203	BIG SANDY	YATESVILLE	Big Sandy Plant, US 23	Yatesville, Hwy 3	62.27	695	9/23/2021	536.1	550.65	1.22	1.36	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), TREE INSIDE ROW, WEATHER - UNKNOWN, FACILITATION OF WORK, FOREIGN OBJECT (NON ANIMAL), OTHER, WEATHER - LIGHTNING	33.33%, 18.52%, 14.81%, 7.41%, 5.56%, 5.56%, 3.7%, 3.7%, 1.85%, 1.85%, 1.85%, 1.85%	No corrections planned	Equipment Failure outages accounted for 45% of total SAIDI and 49% of total SAIFI. Tree Out of ROW outages accounted for 37% of total SAIDI and 28% of total SAIFI.
Ashland	3000302	BELLEFONT	FIATWOODS	Private 11 Dr., Bellefonte	Dierich Blvd	3.10	88	3/13/2021	78.9	153.17	1.12	0.31	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW	50%, 37.5%, 12.5%	No corrections planned	One Equipment Failure outage accounted for 94% of total circuit SAIDI and 92% of total SAIFI.

**Section 5 - Circuit Report
Reporting Year : 2021**

District	Station/ Circuit Number	Station Name	Circuit Name	Station Location	Area Served	Circuit Length (Mi)	Number of Customers Served	Last Circuit R/W Trim Date Completed	Reliability Data For Reporting Year				Circuit Outage Causes for Report Year		List of Corrective Actions	Comments
									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Ashland	3000701	GRAYSBRAN	GRAYSBRAN	Corp St., Grays Branch	Grays Br., Edgington, Greenup, US23	68.96	1,233	12/27/2021	330.0	372.62	1.27	1.59	UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, FACILITATION OF WORK, OTHER, VINE, WEATHER - LIGHTNING, WEATHER - UNKNOWN	28.57%, 23.81%, 19.05%, 9.52%, 6.35%, 3.17%, 1.59%, 1.59%, 1.59%, 1.59%, 1.59%	No corrections planned	Equipment Failure outages accounted for 63% of total SAIDI and 54% of total SAIFI. Tree Out of Row accounted for 18% of total SAIDI and 17% of total SAIFI.
Ashland	3000801	HAYWARD	HALDEMAN	Near 6876 SR 174	SR 174, US 60, and SR 377	118.83	1,680	10/18/2019	289.3	568.57	2.68	3.38	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - UNKNOWN, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, FACILITATION OF WORK, TREE REMOVAL (NON AEP), VINE	27.38%, 19.05%, 15.48%, 13.1%, 7.14%, 5.95%, 2.38%, 2.38%, 2.38%, 1.19%, 1.19%, 1.19%, 1.19%	No corrections planned	Tree Out of Row outages accounted for 73% of total SAIDI and 67% of total SAIFI.
Ashland	3001002	HITCHINS	WILLARD	3655 State Highway 773, Hitchins, KY 41146	SR 773, SR 1, Cherokee, and Bells Trace	150.51	1,212	3/9/2018	325.7	487.04	2.66	3.24	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE INSIDE ROW, FACILITATION OF WORK, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, OTHER, ANIMAL - BIRD, WEATHER - UNKNOWN	34.78%, 15.22%, 15.22%, 11.96%, 6.52%, 5.43%, 4.35%, 2.17%, 2.17%, 1.09%, 1.09%	Tree clearing scheduled for 2022.	Tree Out of Row outages accounted for 54% of total SAIDI and 63% of total SAIFI. Equipment Failure outages accounted for 13% of total SAIDI and 20% of total SAIFI.
Ashland	3001202	HOWARDCOL	29 STREET	29th and Floyd St., Ashland, KY	29th St, Blackburn Ave	13.16	1,279	1/8/2022	126.8	288.37	0.97	1.52	UNKNOWN (NON WEATHER), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, FACILITATION OF WORK, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - NON BIRD, WEATHER - UNKNOWN	29.03%, 17.74%, 14.52%, 11.29%, 11.29%, 3.23%, 3.23%, 3.23%, 3.23%, 1.61%, 1.61%	No corrections planned	Weather - Ice outages accounted for 42% of total SAIDI and 4% of total SAIFI. Equipment Failure outages accounted for 36% of total SAIDI and 61% of total SAIFI.
Ashland	3001203	HOWARDCOL	FLOYD	29th and Floyd St., Ashland, KY	Floyd St, Crooks St	11.04	1,427	5/30/2020	118.2	126.70	3.64	3.76	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, CORROSION, ERROR - FIELD, VEHICLE ACCIDENT (NON AEP)	25%, 21.88%, 15.62%, 12.5%, 9.38%, 6.25%, 3.12%, 3.12%, 3.12%	No corrections planned	Weather - Ice outages accounted for 70% of total SAIDI and 9% of total SAIFI.
Ashland	3001204	HOWARDCOL	SUMMIT	29st and Floyd St., Ashland, KY	Skyline Dr, Boy Scout Rd, US60	24.28	718	1/29/2022	178.5	215.00	1.32	1.89	TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - BIRD, ANIMAL - NON BIRD, FACILITATION OF WORK, VINE	25%, 16.67%, 16.67%, 12.5%, 12.5%, 4.17%, 4.17%, 4.17%, 4.17%	No corrections planned	Weather - Ice outages accounted for 68% of total SAIDI and 62% of total SAIFI. Tree Out of Row accounted for 28% of total SAIDI and 31% of total SAIFI.
Ashland	3001401	LOUISA	CITY	Town Hill Rd off Hwy 32, Louisa	City of Louisa	9.93	829	11/27/2019	52.9	64.57	0.72	1.24	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, TREE OUT OF ROW	40%, 26.67%, 20%, 6.67%, 6.67%	No corrections planned	Unknown (non-weather) outages accounted for 51% of total SAIDI and 84% of total SAIFI.
Ashland	3002101	10TH STREET	6TH STREET	Greenup Ave and 10th St, Ashland	8th St and Ashland Town Mall	1.59	93	3/30/2019	11.8	298.20	0.56	0.60	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER)	66.67%, 33.33%	No corrections planned	Two Equipment Failure outages accounted for 99% of total SAIDI and 94% of total SAIFI.
Ashland	3002103	10TH STREET	12TH STREET	Greenup Ave and 10th St, Ashland	12th St, Oakview Rd and Pollard, Ashland	6.97	576	5/4/2019	39.0	44.31	2.20	2.67	TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, OTHER, SCHEDULED COMPANY, UNKNOWN (NON WEATHER)	37.5%, 12.5%, 12.5%, 12.5%, 12.5%, 12.5%	No corrections planned	Tree Out of ROW accounted for 85% of the total SAIDI and 53% of the total SAIFI.

**Section 5 - Circuit Report
Reporting Year : 2021**

District	Station/ Circuit Number	Station Name	Circuit Name	Station Location	Area Served	Circuit Length (Mi)	Number of Customers Served	Last Circuit R/W Trim Date Completed	Reliability Data For Reporting Year				Circuit Outage Causes for Report Year		List of Corrective Actions	Comments
									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Ashland	3002104	10TH STREET	3RD STREET	Greenup Ave and 10th St, Ashland	14th St, Hilton Alley	2.95	355	5/4/2019	60.2	61.72	1.57	2.46	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, OTHER, SCHEDULED COMPANY, TREE OUT OF ROW, TREE REMOVAL (NON AEP)	25%, 12.5%, 12.5%, 12.5%, 12.5%, 12.5%, 12.5%	No corrections planned	One Tree Removal (non-AEP) outage accounted for 64% of total SAIDI and 45% of total SAIFI. One Other outage accounted for 34% of total SAIDI and 35% of total SAIFI
Ashland	3002105	10TH STREET	MIDTOWN	Greenup Ave and 10th St, Ashland	Winchester and Greenup Ave, Downtown Ashland	3.71	525	5/5/2019	99.5	131.21	0.11	0.21	SCHEDULED COMPANY, FACILITATION OF WORK, WEATHER - UNKNOWN	60%, 20%, 20%	No corrections planned	One Weather - Unknown outage accounted for 95% of total SAIDI and 92% of total SAIFI.
Ashland	3002106	10TH STREET	FRONT STREET	Greenup Ave and 10th St, Ashland	Front St, Armco Rd	1.71	101	5/6/2019	165.7	364.00	0.63	1.00	SCHEDULED COMPANY, FACILITATION OF WORK, UNKNOWN (NON WEATHER), ANIMAL - BIRD, EQUIPMENT FAILURE, WEATHER - UNKNOWN	36.36%, 18.18%, 18.18%, 9.09%, 9.09%, 9.09%	No corrections planned	One Animal - Bird outage accounted for 75% of total SAIDI and 63% of total SAIFI.
Ashland	3003701	COALTON	U.S. 60 W	2449 South Big Run Rd, Meads, KY 41101	US 60 E, Rush Creek	87.21	1,164	10/18/2019	332.5	425.38	0.60	1.08	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, FACILITATION OF WORK, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, OTHER, WEATHER - UNKNOWN, VINE, WEATHER - LIGHTNING, ERROR - OPERATIONS, TREE INSIDE ROW, VANDALISM	22.06%, 20.59%, 14.71%, 7.35%, 5.88%, 5.88%, 4.41%, 4.41%, 4.41%, 2.94%, 2.94%, 1.47%, 1.47%, 1.47%	No corrections planned	Tree out of Row outages accounted for 59% of total SAIDI and 15% of total SAIFI. Equipment Failure outages accounted for 3% of total SAIDI and 30% of total SAIFI.
Ashland	3003703	COALTON	TRACE CREEK	2449 South Big Run Rd, Meads, KY 41101	Trace Road, Four Mile Rd, SR 3, SR 854, Rush	83.89	855	10/21/2017	393.7	303.15	0.39	0.18	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), UNKNOWN (NON WEATHER), FACILITATION OF WORK, ANIMAL - NON BIRD, TREE INSIDE ROW, OTHER, VEHICLE ACCIDENT (NON AEP), VINE, WEATHER - UNKNOWN	23.81%, 22.22%, 17.46%, 11.11%, 7.94%, 4.76%, 3.17%, 3.17%, 1.59%, 1.59%, 1.59%, 1.59%	Tree clearing scheduled for 2022.	Weather - Ice outages accounted for 41% of total SAIDI and 7% of total SAIFI. Tree Out of Row accounted for 38% of total SAIDI and 30% of total SAIFI.
Ashland	3007903	BUSSEYVILLE	LOUISA	Issac Park Rd, Louisa, KY	Hwy 32, US23, Five Forks Rd	44.28	599	5/6/2017	252.1	300.29	0.88	1.28	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, FACILITATION OF WORK, VINE, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	27.94%, 17.65%, 14.71%, 14.71%, 7.35%, 4.41%, 2.94%, 2.94%, 2.94%, 1.47%, 1.47%, 1.47%	Tree clearing scheduled for 2022.	Tree Out of Row outages accounted for 32% of total SAIDI and 28% of total SAIFI. Equipment Failure outages accounted for 32% of total SAIDI and 35% of total SAIFI.
Ashland	3007906	BUSSEYVILLE	WALBRIDGE	Issac Park Rd, Louisa, KY	Issac Park Rd, Hwy 2565, Hwy 644	95.03	1,635	10/25/2019	851.1	472.51	0.15	0.54	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - LIGHTNING, FACILITATION OF WORK, WEATHER - UNKNOWN, ANIMAL - NON BIRD, ERROR - OPERATIONS, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	26.76%, 25.35%, 19.72%, 8.45%, 5.63%, 4.23%, 4.23%, 1.41%, 1.41%, 1.41%, 1.41%	No corrections planned	Tree Out of Row outages accounted for 58% of total SAIDI and 26% of total SAIFI. Unknown (non-weather) outages accounted for 24% of total SAIDI and 46% of total SAIFI.
Ashland	3008002	47TH STREET	39TH STREET	US 23 and 47th St, Catlettsburg	39th st and Belmont, Ashland	25.4	1,148	12/27/2018	168.1	341.52	2.20	3.28	SCHEDULED COMPANY, TREE OUT OF ROW, FACILITATION OF WORK, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), OTHER, ERROR - FIELD, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN	32.31%, 13.85%, 12.31%, 12.31%, 9.23%, 6.15%, 4.62%, 3.08%, 1.54%, 1.54%, 1.54%, 1.54%	No corrections planned	Scheduled Company outages accounted for 33% of total SAIDI and 24% of total circuit SAIFI. Tree Out of ROW accounted for 18% of total SAIDI and 15% of total SAIFI.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Ashland	3008003	47TH STREET	CATLETTSBURG	US 23 and 47th St, Catlettsburg	US 23, City of Catlettsburg	27.44	1,267	3/16/2019	90.3	117.82	0.71	1.20	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN, ANIMAL - NON BIRD, CORROSION, ERROR - FIELD, FOREIGN OBJECT (NON ANIMAL), WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	15.15%, 15.15%, 12.12%, 12.12%, 9.09%, 9.09%, 6.06%, 6.06%, 3.03%, 3.03%, 3.03%, 3.03%	No corrections planned	Tree Out of ROW accounted for 53% of total SAIDI and 45% of total SAIFI. Scheduled Company accounted for 8% of total SAIDI and 39% of total SAIFI.
Ashland	3008702	CANNONSBURG	ROUTE 3	16400 Ponderosa Dr., Catlettsburg, KY 41129	Route 3, Cannonsburg Rd, Shoppes Crk	98.84	1,946	12/31/2018	237.1	394.25	0.45	0.15	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, VINE, FACILITATION OF WORK, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, ANIMAL - BIRD, WEATHER - LIGHTNING, ERROR - FIELD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	24.67%, 20%, 13.33%, 11.33%, 6%, 5.33%, 3.33%, 2.67%, 2.67%, 2%, 1.33%, 1.33%, 0.67%, 0.67%, 0.67%, 0.67%	No corrections planned	Weather - Ice outages accounted for 57% of total SAIDI and 5% of total SAIFI. Vehicle Accident (non-AEP) outages accounted for 8% of total SAIDI and 48% of total SAIFI.
Ashland	3010601	RUSSELL	KENWOOD	Ashland Dr., Russell, KY	St. Christopher Rd, Powell Ln	20.90	1,480	11/24/2018	96.3	112.15	0.63	1.10	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, SCHEDULED COMPANY, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	28.57%, 20%, 14.29%, 11.43%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%, 2.86%	No corrections planned	Equipment Failure outages accounted for 55% of total SAIDI and 60% of total SAIFI. Tree Out of Row outages accounted for 30% of total SAIDI and 12% of total SAIFI.
Ashland	3010603	RUSSELL	BEARRUN	Ashland Dr., Russell, KY	Ashland Dr	11.28	8	11/30/2020	30.1	1,026.50	1.53	1.08	EQUIPMENT FAILURE, FACILITATION OF WORK, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW	31.25%, 18.75%, 18.75%, 18.75%, 12.5%	No corrections planned	Equipment Failure outages accounted for 64% of total SAIDI and 7% of total SAIFI. Unknown (non-weather) outages accounted for 12% of total SAIDI and 80% of total SAIFI.
Ashland	3103101	OLIVEHILL	GLOBE	AEP Lane, Olive Hill, KY	Clark Hill Rd, W US60	121.71	1,284	4/18/2020	511.3	924.62	1.71	0.86	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), SCHEDULED COMPANY, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, FACILITATION OF WORK, OVERLOAD, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - UNKNOWN	29.17%, 26.04%, 19.79%, 6.25%, 5.21%, 5.21%, 2.08%, 1.04%, 1.04%, 1.04%, 1.04%, 1.04%, 1.04%	No corrections planned	Weather - Ice accounted for 50% of total SAIDI and 8% of total SAIFI. Tree Out of Row outages accounted for 35% of total SAIDI and 46% of total SAIFI.
Ashland	3103103	OLIVEHILL	W. CARTERS ELEM	AEP Lane, Olive Hill, KY	Hwy 174, Hwy 986	38.35	288	11/11/2017	326.2	326.60	1.04	0.41	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), FACILITATION OF WORK, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - LIGHTNING	34.78%, 21.74%, 17.39%, 8.7%, 4.35%, 4.35%, 4.35%, 4.35%	Tree clearing scheduled for 2022.	Tree Out of Row outages accounted for 72% of total SAIDI and 74% of total SAIFI.
Ashland	3110901	WURLAND	WURLAND	Wurtland Ave, Wurtland, KY	Wurtland, Wurtland Ave	1.54	20	9/15/2018	34.5	54.20	0.15	1.34	EQUIPMENT FAILURE, WEATHER - UNKNOWN	50%, 50%	No corrections planned	Equipment Failure outages accounted for 90% of total SAIDI and 91% of total SAIFI.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Ashland	3110902	WURLAND	GREENUP	Wurtland Ave, Wurtland, KY	Industrial Pkwy, US23	51.16	1,267	12/31/2018	127.8	587.08	1.79	4.28	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - LIGHTNING, OTHER, WEATHER - UNKNOWN, ANIMAL - BIRD, ANIMAL - NON BIRD, TREE INSIDE ROW, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	34.43%, 18.03%, 14.75%, 9.84%, 8.2%, 3.28%, 3.28%, 1.64%, 1.64%, 1.64%, 1.64%, 1.64%	No corrections planned	Equipment Failure outages accounted for 81% of total SAIDI and 43% of total SAIFI. Weather - Lightning outages accounted for 6% of total SAIDI and 43% of total SAIFI.
Ashland	3110903	WURLAND	RT. 503	Wurtland Ave, Wurtland, KY	Rt 50, Wurtland Ave	46.33	966	12/6/2021	414.8	237.58	2.21	1.47	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, TREE OUT OF ROW, WEATHER - UNKNOWN, ANIMAL - NON BIRD, TREE INSIDE ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), CORROSION, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER, TREE REMOVAL (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	34.55%, 18.18%, 10.91%, 5.45%, 5.45%, 5.45%, 3.64%, 3.64%, 3.64%, 1.82%, 1.82%, 1.82%	No corrections planned	Tree Out of Row outages accounted for 30% of total SAIDI and 3% of total SAIFI. Weather - Unknown outages accounted for 29% of total SAIDI and 39% of total SAIFI. Equipment Failure outages accounted for 21% of total SAIDI and 23% of total SAIFI.
Ashland	3117602	PRINCESS	RT 180	Off Paul Coffey Blvd, along Mackey Ln, Ashland	SR 5, Straight Creek Road, Buena Vista Dr, East Park Industrial Sites	25.09	300	2/29/2020	345.5	352.40	1.86	1.38	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE OUT OF ROW, FACILITATION OF WORK, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), OVERLOAD	35.71%, 28.57%, 17.86%, 7.14%, 7.14%, 3.57%	No corrections planned	Tree Out of Row outages accounted for 45% of total SAIDI and 82% of total SAIFI. Weather - Ice outages accounted for 51% of total SAIDI and 2% of total SAIFI.
Ashland	3117603	PRINCESS	MIDLAND TRAIL	Off Paul Coffey Blvd, along Mackey Ln, Ashland	US60, Cannonsburg Rd, Midland Trail	32.41	859	2/22/2020	22.3	170.70	0.48	1.13	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, CORROSION, FACILITATION OF WORK, TREE INSIDE ROW, VINE	30%, 25%, 12.5%, 10%, 10%, 2.5%, 2.5%, 2.5%, 2.5%, 2.5%	No corrections planned	Tree Out of Row outages accounted for 46% of total SAIDI and 78% of total SAIFI. Weather - Ice accounted for 24% of total SAIDI and 2% of total SAIFI.
Pikeville	3120101	STANVILLE	MUDCREEK	Williams Dr, Stanville, KY 41659	Big Mud Creek, Little Mud Creek, Prater Creek	85.07	1,679	3/18/2019	334.1	842.86	1.81	4.44	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), VINE, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - UNKNOWN, ANIMAL - NON BIRD, CORROSION, VEHICLE ACCIDENT (NON AEP)	24.77%, 19.27%, 14.68%, 13.76%, 9.17%, 4.59%, 4.59%, 3.67%, 2.75%, 1.83%, 0.92%	No corrections planned	Tree Out ROW outages accounted for 35.81% of the total SAIDI and 23.01% of the total SAIFI for this circuit.
Pikeville	3120102	STANVILLE	TRAM	Williams Dr, Stanville, KY 41659	Tram, Mare Creek, Ivy Creek	32.99	830	5/15/2021	94.9	236.08	0.27	0.79	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ANIMAL - NON BIRD, FACILITATION OF WORK	39.02%, 21.95%, 17.07%, 12.2%, 4.88%, 4.88%	No corrections planned	Tree Out ROW outages accounted for 81.69% of the total SAIDI and 62.75% of the total SAIFI for this circuit.
Pikeville	3120103	STANVILLE	HAROLD	Williams Dr, Stanville, KY 41659	Harold, Hurricane Creek, Pike Floyd Hollow	55.53	1,611	10/27/2018	155.1	383.55	1.03	1.95	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ANIMAL - NON BIRD, TREE INSIDE ROW, WEATHER - UNKNOWN, VINE, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FOREIGN OBJECT (NON ANIMAL), TREE REMOVAL (NON AEP), VANDALISM	24.44%, 17.78%, 16.67%, 15.56%, 4.44%, 4.44%, 4.44%, 3.33%, 2.22%, 2.22%, 1.11%, 1.11%, 1.11%, 1.11%	No corrections planned	Vehicle Accident (Non AEP) outages accounted for 43.41% of the total SAIDI and 37.31% of the total SAIFI for this circuit.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Pikeville	3200201	BARRENSHE	FREEBURN	Near State Highway 194 E, Freeburn	Freeburn, McCarr	27.21	322	4/5/2017	431.2	565.92	2.19	2.25	TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN	45.45%, 27.27%, 9.09%, 9.09%, 9.09%	No corrections planned	Equipment Failure outages accounted for 51.11% of the total SAIDI and 67.08% of the total SAIFI for this circuit.
Pikeville	3200202	BARRENSHE	VULCAN	Near State Highway 194 E, Freeburn	State Highway 194 E, Stopover; Woodman Creek Rd, Stopover	41.27	651	3/18/2022	1184.5	1,549.58	4.27	4.04	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FOREIGN OBJECT (NON ANIMAL), OTHER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	46.94%, 12.24%, 8.16%, 6.12%, 6.12%, 4.08%, 4.08%, 4.08%, 2.04%, 2.04%, 2.04%, 2.04%	No corrections planned	Out ROW outages accounted for 88.62% of the total SAIDI and 84.10% of the total SAIFI for this circuit.
Pikeville	3201001	TOMWATKIN	DISTRIBUTION	3271 Pond Creek Rd, McAndrews, KY 41555	Huddy, Stone, McAndrew	28.11	801	1/21/2017	905.8	2,228.97	3.31	5.19	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, CORROSION, CUST. EQUIPMENT > 1 CUSTOMER, FACILITATION OF WORK, OTHER, OVERLOAD, VEHICLE ACCIDENT (NON AEP), WEATHER - ICE (1/2 INCH OR > 6" SNOW), WEATHER - UNKNOWN	37.93%, 17.24%, 17.24%, 3.45%, 3.45%, 3.45%, 3.45%, 3.45%, 3.45%, 3.45%	No corrections planned	Equipment Failure outages accounted for 84.34% of the total SAIDI and 30.69% of the total SAIFI for this circuit.
PIKEVILLE	3202201	LOVELY	LOVELY	Hwy 292, Lovely, KY 41649	Beauty, Hode, Steppstown, Greyeagle, Warfield, Kermit	42.33	928	12/17/2016	1324.9	1,356.47	5.73	6.18	TREE OUT OF ROW, VINE, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, FACILITATION OF WORK, ANIMAL - BIRD, WEATHER - UNKNOWN, ANIMAL - NON BIRD, ERROR - FIELD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TRANSMISSION INFORMATION NEEDED, WEATHER - FLOOD/SLIDE, WEATHER - LIGHTNING	24.07%, 16.67%, 12.96%, 12.96%, 9.26%, 5.56%, 3.7%, 3.7%, 1.85%, 1.85%, 1.85%, 1.85%, 1.85%, 1.85%	No corrections planned	Transmission Needed outage accounted for 51.82% of the total SAIDI and 52.68% of the total SAIFI for this circuit.
PIKEVILLE	3202202	LOVELY	WOLFCREEK	Hwy 292, Lovely, KY 41649	Pilgrim, Threefork, Laura	60.39	741	11/10/2018	913.7	1,269.70	3.54	3.53	TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TRANSMISSION INFORMATION NEEDED	26.92%, 23.08%, 15.38%, 13.46%, 9.62%, 7.69%, 1.92%, 1.92%	No corrections planned	Tree Out ROW outages accounted for 56.56% of the total SAIDI and 28.60% of the total SAIFI for this circuit.
Hazard	3301701	DAISY	LEATHERWOOD	.5 miles past Hwy 699 and Hwy 7 Jct.	Ulvah Little Leatherwood	87.56	1,034	9/4/2019	486.9	176.38	1.95	1.96	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ANIMAL - NON BIRD, FACILITATION OF WORK, OTHER, TREE REMOVAL (NON AEP), ANIMAL - BIRD, CUST. EQUIPMENT > 1 CUSTOMER, FOREIGN OBJECT (NON ANIMAL), TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	25.71%, 25.71%, 18.57%, 8.57%, 4.29%, 2.86%, 2.86%, 2.86%, 1.43%, 1.43%, 1.43%, 1.43%, 1.43%, 1.43%	No corrections planned	1 emergency Transmission outage accounted for 51.4% of the total SAIFI for this circuit.
Hazard	3302703	HAZARD	HAZARD	East Main Street, Hazard	East Main Street	11.4	668	9/30/2020	361.2	389.22	3.82	9.54	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, FACILITATION OF WORK, UNKNOWN (NON WEATHER), FOREIGN OBJECT (NON ANIMAL), OTHER UTILITY, TREE REMOVAL (NON AEP)	32.14%, 21.43%, 14.29%, 7.14%, 7.14%, 7.14%, 3.57%, 3.57%, 3.57%	No corrections planned	Scheduled outages accounted for 62.45% of the total SAIDI and 92.67% of the total SAIFI for this circuit.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Hazard	3303903	LESLIE	HALSFORK	Azalea Dr, Wooten	Parts of Hyden, Sizerock, Thousandsticks	76.47	985	5/9/2019	866.8	1,078.50	4.49	3.91	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, ANIMAL - BIRD, FACILITATION OF WORK, TREE INSIDE ROW, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, ERROR - OPERATIONS, FOREIGN OBJECT (NON ANIMAL), OTHER, WEATHER - LIGHTNING, WEATHER - UNKNOWN	35.42%, 22.92%, 12.5%, 4.17%, 4.17%, 4.17%, 4.17%, 2.08%, 2.08%, 2.08%, 2.08%, 2.08%	No corrections planned	Trees out of ROW accounted for 91.97% of the total SAIDI for this circuit.
Hazard	3307301	BULAN	ARY-HEINE	Carriage Lane Bulan	Bulan Ary Talcum	53.08	697	2/6/2019	954.2	806.71	3.17	3.18	SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, ANIMAL - BIRD, TREE INSIDE ROW, WEATHER - UNKNOWN, FACILITATION OF WORK, TREE REMOVAL (NON AEP), WEATHER - LIGHTNING	26.32%, 23.68%, 15.79%, 10.53%, 5.26%, 5.26%, 5.26%, 2.63%, 2.63%, 2.63%	No corrections planned	2 Trees inside ROW accounted for 54.58% of the total SAIFI for this circuit.
Hazard	3307302	BULAN	AJAX-DWAR	Carriage Lane Bulan	Bulan Dwarf	39.93	877	3/13/2019	458.5	539.42	2.38	0.83	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, VINE, ANIMAL - NON BIRD, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - FLOOD/SLIDE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	26.19%, 21.43%, 19.05%, 11.9%, 4.76%, 4.76%, 2.38%, 2.38%, 2.38%, 2.38%	No corrections planned	Trees out of ROW accounted for 86.45% of the total SAIDI for this circuit.
Hazard	3308402	BECKHAM	CARR CREEK	SR 899, Beckham	Brinkley, Spider, Bath, Litt Carr	51.37	768	7/24/2018	1130.6	1,494.81	6.11	6.51	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP), ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), VINE, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, OTHER UTILITY, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN	42.5%, 16.25%, 6.25%, 6.25%, 6.25%, 3.75%, 2.5%, 2.5%, 2.5%, 2.5%, 2.5%, 1.25%, 1.25%, 1.25%	Tree trimming scheduled for 2022	Scheduled outages accounted for 51.80% of the total SAIDI and 30.27% of the total SAIFI for this circuit.
Hazard	3308404	BECKHAM	PIPPA PASSES	SR 899, Beckham	Hollybush, Mallie, Pippa Passes, Pine Top	56.41	1,036	7/31/2019	398.1	663.96	2.21	3.34	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, ANIMAL - BIRD, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER, TREE REMOVAL (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	55.34%, 11.65%, 11.65%, 8.74%, 4.85%, 1.94%, 1.94%, 0.97%, 0.97%, 0.97%, 0.97%	No corrections planned	Scheduled outages accounted for 40.96% of the total SAIDI and accounted for 30.24% of the total SAIFI for this circuit.
Hazard	3308502	BONNYMAN	HAZARD	Typo Rd, Bonnyman	Hwy 15, Morton Blvd. Daniel Boone Plaza	68.3	1,410	8/30/2019	282.7	311.33	1.78	0.93	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, TREE INSIDE ROW, VANDALISM, VINE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - UNKNOWN	30%, 25%, 15%, 11.67%, 8.33%, 1.67%, 1.67%, 1.67%, 1.67%, 1.67%, 1.67%	No corrections planned	Trees out of ROW accounted for 46.67% of the total SAIDI for this circuit.
Hazard	3308602	COLLIER	LOWERROCK	Cinnamon Rd, Collier	Van, Roxana	62.92	1,421	11/30/2018	521.5	714.35	2.87	4.45	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, ANIMAL - NON BIRD, TREE INSIDE ROW, WEATHER - UNKNOWN, OTHER	34.72%, 23.61%, 15.28%, 8.33%, 5.56%, 4.17%, 4.17%, 2.78%, 1.39%	No corrections planned	1 equipment failure (broke crossarm) outage accounted for 31.32% of the total SAIDI and 22.81% of the total SAIFI for this circuit.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Hazard	3309101	WHITESBURG	WHITESBURG	HWY 931, Whitesburg	City of Whitesburg	9.77	614	7/9/2021	110.9	118.87	0.83	0.57	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, FACILITATION OF WORK, SCHEDULED COMPANY, WEATHER - UNKNOWN	38.89%, 16.67%, 16.67%, 11.11%, 5.56%, 5.56%, 5.56%	No corrections planned	1 weather - unknown outage accounted for 71.86% of the total SAIDI for this circuit.
Hazard	3309102	WHITESBURG	COWAN	HWY 931, Whitesburg	Whitesburg	43.9	222	12/4/2020	74.9	268.67	0.65	4.10	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, FOREIGN OBJECT (NON ANIMAL), OVERLOAD, TREE INSIDE ROW, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP)	31.25%, 25%, 15.62%, 10.94%, 4.69%, 3.12%, 1.56%, 1.56%, 1.56%, 1.56%, 1.56%, 1.56%	No corrections planned	Trees out of ROW accounted for 47.24% of the total SAIDI and 1 vehicle accident (non AEP) accounted for 37.40% of the total SAIFI for this circuit.
Hazard	3309104	WHITESBURG	CRAFTS COLLEY	HWY 931, Whitesburg	Whitesburg, Sandlick Gap, Licking Rock Branch	27.92	532	5/13/2021	443.7	598.95	2.23	1.23	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), CORROSION, FACILITATION OF WORK	57.14%, 14.29%, 9.52%, 9.52%, 4.76%, 4.76%	No corrections planned	3 Trees out of ROW outages accounted for 83.59% of the total SAIDI for this circuit.
Hazard	3309901	SLEMP	DEFEATED CREEK	SR 699, Slemp	Defeated Creek Hwy 1103	13.49	34	10/4/2021	1744.1	1,594.79	5.00	7.68	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, OTHER, TREE REMOVAL (NON AEP)	36.36%, 36.36%, 9.09%, 9.09%, 9.09%	No corrections planned	Trees out of ROW accounted for 48.66% of the total SAIFI for this circuit.
Hazard	3309902	SLEMP	LEATHERWOOD	SR 699, Slemp	Cornettsville, Slemp, Yeaddiss Road	70.75	769	9/16/2021	1019.7	557.68	3.94	5.73	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, ANIMAL - NON BIRD, OTHER, WEATHER - UNKNOWN, FOREIGN OBJECT (NON ANIMAL), TREE INSIDE ROW, TREE REMOVAL (NON AEP), VINE	28.36%, 20.9%, 14.93%, 11.94%, 4.48%, 4.48%, 2.99%, 2.99%, 2.99%, 1.49%, 1.49%, 1.49%	No corrections planned	Trees out of ROW accounted for 47.28% of the total SAIFI for this circuit.
Hazard	3309903	SLEMP	BEECH FORK	SR 699, Slemp	SR 699, Old Beech Fork Road	1.72	3	1/28/2021	520.8	201.00	1.33	2.33	EQUIPMENT FAILURE, FACILITATION OF WORK, SCHEDULED COMPANY	33.33%, 33.33%, 33.33%	No corrections planned	1 scheduled outage accounted for 42.86% of the total SAIFI for this circuit.
Hazard	3309904	SLEMP	ROYAL DIAMOND	SR 699, Slemp	SR 463, Stony Fork Road	2.3	2	4/30/2021	512.2	197.00	1.50	2.00	OTHER, SCHEDULED COMPANY	50%, 50%	No corrections planned	1 scheduled outage accounted for 50.00% of the total SAIFI for this circuit.
Hazard	3310501	HADDIX	QUICKSAND	Jct of Hwy 397 and HWY 1110	Kragon Quicksand Hwy 1098 Smith Br	111.22	1,011	3/10/2108	1137.2	1,513.12	4.37	3.88	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - BIRD, FOREIGN OBJECT (NON ANIMAL), TREE REMOVAL (NON AEP), CONTAMINATION/FLASHOVER, WEATHER - UNKNOWN	29.87%, 25.97%, 15.58%, 6.49%, 3.9%, 3.9%, 3.9%, 2.6%, 2.6%, 2.6%, 1.3%, 1.3%	Tree trimming scheduled for 2022	Trees out of ROW accounted for 81.11% of the total SAIDI for this circuit.
Hazard	3310502	HADDIX	CANOE	HWY 1110, Haddix	Buckhorn, Canoe	123.13	1,094	12/9/2017	1073.9	1,371.75	4.21	5.70	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - UNKNOWN, TREE INSIDE ROW, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TREE REMOVAL (NON AEP), VINE, ANIMAL - BIRD, ANIMAL - NON BIRD, ERROR - FIELD, OTHER, UG CONST. /DIG-INS (NON AEP), WEATHER - FLOOD/SLIDE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	25.74%, 19.8%, 19.8%, 6.93%, 5.94%, 5.94%, 2.97%, 2.97%, 2.97%, 0.99%, 0.99%, 0.99%, 0.99%, 0.99%, 0.99%, 0.99%	Tree trimming scheduled for 2022	Trees out of ROW accounted for 70.10% of the total SAIDI and 57.88% of the total SAIFI for this circuit.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Hazard	3311101	STINNETT	REDBIRD	Greasy Creek Road, Stinnett	Hwy 412 Hwy 426 Redbird	117.62	1,228	3/10/2022	389.3	1,789.00	1.38	3.00	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, FACILITATION OF WORK, OTHER, ANIMAL - NON BIRD, VINE, WEATHER - UNKNOWN, ANIMAL - BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, TRANSMISSION INFORMATION NEEDED, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP)	33.33%, 24.03%, 10.85%, 6.2%, 5.43%, 4.65%, 3.88%, 3.1%, 3.1%, 1.55%, 0.78%, 0.78%, 0.78%, 0.78%, 0.78%	Tree trimming scheduled for 2022	Trees out accounted for 32.47% of the total SAIDI and unknown (non weather) accounted for 32.79% of the total SAIFI for this circuit.
Hazard	3311103	STINNETT	WENDOVER	Greasy Creek Road, Stinnett	Hwy 421 Stinnett Cr. Muncy Cr.	36.03	511	11/9/2018	462.35441	492.50	3.24	2.08	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), ANIMAL - BIRD, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER UTILITY, TREE REMOVAL (NON AEP)	28%, 20%, 20%, 12%, 4%, 4%, 4%, 4%, 4%	No corrections planned	1 unknown outage accounted for 65.79 % of the total SAIDI for this circuit.
Hazard	3311401	REEDY STATION	DEANE	2.4 miles up Hwy 1469	Along Hwy 317 and Hwy 7	43.2	413	11/19/2021	587.62786	689.71	3.13	2.53	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), OTHER, TREE INSIDE ROW, TREE REMOVAL (NON AEP), VINE, WEATHER - LIGHTNING, WEATHER - UNKNOWN	28.57%, 25.71%, 17.14%, 11.43%, 2.86%, 2.86%, 2.86%, 2.86%, 2.86%, 2.86%, 2.86%	No corrections planned	1 tree out of ROW accounted for 48.15% of the total SAIDI for this circuit.
Hazard	3312902	JENKINS	JENKINS	Gateway Industrial Park	West Jenkins	23.38	613	11/30/2018	309.67805	686.39	2.23	4.55	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	24.24%, 24.24%, 21.21%, 12.12%, 9.09%, 3.03%, 3.03%, 3.03%	No corrections planned	Trees out of ROW accounted for 45.33% of the total SAIDI and 48.73% of the total SAIFI for this circuit.
Hazard	3314402	MAYKING	MILLSTONE	HWY 119, Mayking	Mayking, Thornton	53.35	909	2/26/2021	576.56795	568.37	2.62	3.66	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - LIGHTNING, FACILITATION OF WORK, ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, TREE REMOVAL (NON AEP), VINE, WEATHER - ICE (1/2 INCH OR > 6" SNOW), WEATHER - UNKNOWN	29.33%, 24%, 20%, 8%, 4%, 4%, 2.67%, 1.33%, 1.33%, 1.33%, 1.33%, 1.33%, 1.33%	No corrections planned	Trees out of ROW accounted for 44.18% of the total SAIFI for this circuit.
Pikeville	3400601	BURTON	BEVINSONVILLE	85 Upper Burton, Bypro, KY 41612	Jacks, Creek, Orchard Fork, Riley's Branch	19.57	330	12/20/2019	419.01782	388.32	2.49	3.31	EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE INSIDE ROW, VINE, ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	20%, 20%, 20%, 10%, 10%, 10%, 5%, 5%	No corrections planned	Equipment Failure outages accounted for 84.40% of the total SAIDI and 90.75% of the total SAIFI for this circuit.
Pikeville	3400602	BURTON	WHEELWRIG	85 Upper Burton, Bypro, KY 41612	Wheelwright, Melvin, Bypro	20.92	704	11/22/2019	631.32022	964.79	2.41	3.92	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD	29.17%, 29.17%, 25%, 12.5%, 4.17%	No corrections planned	Tree Out ROW outages accounted for 49.94% of the total SAIDI and Equipment Failure outages accounted for 76.19% of the total SAIFI for this circuit.
Pikeville	3400701	DRAFFIN	BELCHER	235 Road Creek Road, Draffin, KY 41521	Belcher	21.34	381	12/31/2018	292.45981	365.77	2.26	1.29	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VINE	52.63%, 15.79%, 15.79%, 10.53%, 5.26%	No corrections planned	Equipment Failure outages accounted for 74.26% of the total SAIDI and 78.62% of the total SAIFI for this circuit.

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Pikeville	3401001	ELWOOD	DORTON	3333 Highway 610 West, Jonancy, KY 41538	Dorton	43.41	794	1/22/2022	761.88817	613.44	3.29	5.63	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, ANIMAL - NON BIRD, CORROSION, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - UNKNOWN	31.75%, 26.98%, 14.29%, 9.52%, 9.52%, 1.59%, 1.59%, 1.59%, 1.59%, 1.59%	No corrections planned	Equipment Failure outages accounted for 38.61% of the total SAIDI and Schedule Company outages accounted for 41.91% of the total SAIFI for this circuit.
Pikeville	3401102	FALCON	SALYERSVI	Route 40 Oil Spring, Salyersville, KY 41465	Salyersville	44.86	1,231	10/30/2020	217.87006	433.58	1.59	1.74	SCHEDULED COMPANY, ANIMAL - NON BIRD, EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - BIRD, WEATHER - LIGHTNING, FACILITATION OF WORK, TREE INSIDE ROW, TREE REMOVAL (NON AEP), UNKNOWN (NON WEATHER)	29.79%, 19.15%, 17.02%, 12.77%, 6.38%, 6.38%, 2.13%, 2.13%, 2.13%	No corrections planned	Tree Out ROW outages accounted for 63.05% of the total SAIDI and 59.83% of the total SAIFI for this circuit.
Pikeville	3401103	FALCON	BURNINGFORK	Route 40 Oil Spring, Salyersville, KY 41465	Burningfork	72.61	1,397	5/29/2020	482.47008	346.38	2.36	2.91	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VINE, WEATHER - LIGHTNING, ANIMAL - BIRD, ERROR - FIELD, ERROR - OPERATIONS, FOREIGN OBJECT (NON ANIMAL), OVERLOAD, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN	29.41%, 23.53%, 13.24%, 5.88%, 5.88%, 4.41%, 2.94%, 2.94%, 1.47%, 1.47%, 1.47%, 1.47%, 1.47%, 1.47%, 1.47%, 1.47%	No corrections planned	Schedule Company outages accounted for 64.47% of the total SAIDI and 82.89% of the total SAIFI for this circuit.
Hazard	3401302	FLEMING	MCRBERTS	SR 343, Fleming Rd, off Arlie Hall Dr	Cromona, McRoberts, Neon, Seco	30.09	871	9/22/2021	584.4444	712.55	2.48	3.36	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, CUST. EQUIPMENT > 1 CUSTOMER, OTHER, UNBALANCE, WEATHER - UNKNOWN	47.27%, 14.55%, 14.55%, 12.73%, 3.64%, 1.82%, 1.82%, 1.82%, 1.82%	No corrections planned	Scheduled outages accounted for 50.86% of the total SAIDI and 51.83% of the total SAIFI for this circuit.
Pikeville	3401702	HENRYCLAY	REGINA	6949 Marrowbone Creek Road, Marrowbone, KY 41522	Lookout, Rockhouse, Dry Fork, Ratliff, Venter	115.85	2,510	9/16/2017	603.7802	799.79	3.59	3.33	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, VINE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, TREE INSIDE ROW, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN, ANIMAL - BIRD, CORROSION, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING	24.1%, 21.08%, 16.27%, 13.86%, 13.25%, 2.41%, 2.41%, 1.2%, 1.2%, 1.2%, 0.6%, 0.6%, 0.6%, 0.6%, 0.6%	No corrections planned	Equipment Failure outages accounted for 72.97% of the total SAIDI and 72.29% of the total SAIFI for this circuit.
Pikeville	3401802	INDEX	HOSPITAL	6075 Liberty Rd., West Liberty, KY 26074	West Liberty	20.09	702	3/3/2022	52.418118	243.50	0.25	0.38	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, FACILITATION OF WORK, TREE INSIDE ROW, UNKNOWN (NON WEATHER), VINE, WEATHER - FLOOD/SLIDE	25%, 25%, 20%, 5%, 5%, 5%, 5%, 5%, 5%	No corrections planned	Weather-Flood/Slide outage accounted for 74.38% of the total SAIDI and Tree Out of Row outages accounted for 56.51% of the total SAIFI for this circuit.
Pikeville	3402001	KEYSER	THOMPSON RD	3249 North Mayo Trail, Pikeville, KY 41501	Pikeville	10.58	510	4/28/2018	157.77583	191.33	0.78	0.75	TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, WEATHER - UNKNOWN	46.15%, 15.38%, 7.69%, 7.69%, 7.69%, 7.69%, 7.69%	No corrections planned	Equipment Failure outages accounted for 86.56% of the total SAIDI and 85.83% of the total SAIFI for this circuit.

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Pikeville	3402003	KEYSER	MULLINS	3249 North Mayo Trail, Pikeville 41501	Pikeville, Coal Run	29.48	1,090	6/20/2020	111.61586	226.89	0.90	0.85	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, EQUIPMENT FAILURE, ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FOREIGN OBJECT (NON ANIMAL), TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - LIGHTNING	31.71%, 17.07%, 17.07%, 9.76%, 7.32%, 4.88%, 2.44%, 2.44%, 2.44%, 2.44%	No corrections planned	Tree Out ROW outages accounted for 78.83% of the total SAIDI and 33.05% of the total SAIFI for this circuit.
Pikeville	3402202	MCKINNEY	GIBSON	36 Reed Ln., Grethel, KY 41619	Grethel, McDowell	41.34	959	11/27/2019	255.76664	435.64	1.10	1.66	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VANDALISM, WEATHER - UNKNOWN, TREE INSIDE ROW, VINE, ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER UTILITY, TREE REMOVAL (NON AEP), WEATHER - FLOOD/SLIDE	33.96%, 15.09%, 13.21%, 9.43%, 5.66%, 5.66%, 3.77%, 3.77%, 1.89%, 1.89%, 1.89%, 1.89%, 1.89%	No corrections planned	Tree Out ROW outages accounted for 83.53% of the total SAIDI and 80.18% of the total SAIFI for this circuit.
Pikeville	3403001	PIKEVILLE	CITY	144 Williams Drive, Pikeville, KY 41501	Northmonte Woods, N Bypass Rd, Town Mountain Rd and Chloe Rd	20.57	1,207	8/15/2020	332.53414	398.08	2.31	2.26	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), TREE INSIDE ROW, ANIMAL - NON BIRD, CORROSION, FACILITATION OF WORK, VINE, WEATHER - UNKNOWN	44.44%, 14.81%, 14.81%, 9.26%, 5.56%, 3.7%, 1.85%, 1.85%, 1.85%	No corrections planned	Tree Out ROW outages accounted for 50.51% of the total SAIDI and Equipment Failure outages accounted for 61.57% of the total SAIFI for this circuit.
Pikeville	3403002	PIKEVILLE	MAINST	144 Williams Drive, Pikeville, KY 41501	City of Pikeville	18.91	753	6/27/2019	79.364307	107.00	0.81	0.48	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TREE OUT OF ROW	85.19%, 7.41%, 3.7%, 3.7%	No corrections planned	Schedule Company outages accounted for 61.08% of the total SAIDI and 73.41% of the total SAIFI for this circuit.
Pikeville	3403701	RUSSELLFORK	LITTLE BEAVER	3354 Beaver Creek Road, Elkhorn, KY 41522	Elkhorn City	12.14	134	12/16/2017	854.87982	898.40	3.32	1.72	UNKNOWN (NON WEATHER), TREE OUT OF ROW, ANIMAL - NON BIRD, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW	42.86%, 28.57%, 7.14%, 7.14%, 7.14%, 7.14%	No corrections planned	Tree Out ROW outages accounted for 78.64% of the total SAIDI and 77.92% of the total SAIFI for this circuit.
Pikeville	3407103	TOPMOST	KITE	7429 South Highway 7, Topmost, KY 41862	Topmost, Kite,	25.40	328	12/31/2021	509.60097	730.88	1.98	3.21	TREE OUT OF ROW, SCHEDULED COMPANY, TREE INSIDE ROW, EQUIPMENT FAILURE, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP)	23.08%, 15.38%, 15.38%, 11.54%, 11.54%, 11.54%, 3.85%, 3.85%, 3.85%	No corrections planned	Tree Out ROW outages accounted for 49.50% of the total SAIDI and 35.17% of the total SAIFI for this circuit.
Pikeville	3408101	SALISBURY	PRINTER	2241 Ky Rt 122, Printer, KY 41655	Printer, Martin, Hunter	19.64	298	7/12/2018	170.80523	564.60	0.59	1.27	TREE OUT OF ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN	50%, 20%, 10%, 10%, 10%	No corrections planned	Tree Out ROW outages accounted for 98.86% of the total SAIDI and 96.83% of the total SAIFI for this circuit.
Pikeville	3408103	SALISBURY	MARTIN	2241 Ky Rt 122, Printer, KY 41655	City of Martin, Alphoretta, Hite, Ky Route 80, Bucks Branch, Hite	45.82	1,033	5/17/2018	320.85829	882.98	2.06	3.66	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, TREE INSIDE ROW, CORROSION, TREE REMOVAL (NON AEP), UG CONST. /DIG-INS (NON AEP), VEHICLE ACCIDENT (NON AEP)	27.42%, 22.58%, 17.74%, 14.52%, 8.06%, 3.23%, 1.61%, 1.61%, 1.61%	No corrections planned	Vehicle Accident (Non AEP) outage accounted for 54.74% of the total SAIDI and 39.58% of the total SAIFI for this circuit.

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Pikeville	3408304	COLEMAN	CALLOWAY	721 Calloway Br, Freeburn, KY 41553	McCarr, Ransom	36.08	528	8/7/2019	671.0602	1,652.73	2.46	3.37	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, ANIMAL - BIRD, ANIMAL - NON BIRD, FACILITATION OF WORK, OTHER, WEATHER - UNKNOWN	27.91%, 16.28%, 13.95%, 11.63%, 9.3%, 4.65%, 4.65%, 2.33%, 2.33%, 2.33%, 2.33%, 2.33%	No corrections planned	Weather-Flood/Slide outages accounted for 62.53% of the total SAIDI and Shcheduled Company outages accounted for 52.11% of the total SAIFI for this circuit.
Pikeville	3408402	KIMPER	GRAPEVINE	Hwy 194 E, Kimber, KY	Hwy 194 E, Grapevine Rd	36.24	585	4/24/2018	927.42811	1,173.38	2.78	2.80	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TREE INSIDE ROW, VINE, CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - UNKNOWN	29.17%, 27.08%, 12.5%, 10.42%, 4.17%, 4.17%, 4.17%, 2.08%, 2.08%, 2.08%, 2.08%	No corrections planned	Tree Out ROW outages accounted for 80.07% of the total SAIDI and 68.52% of the total SAIFI for this circuit.
Pikeville	3409301	KENWOOD	W VANLEAR	980 Industrial Park, Hager Hill, KY 41222	Vanlear	18.75	461	5/21/2021	78.352235	287.84	0.94	1.18	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, ANIMAL - NON BIRD, UG CONST. /DIG-INS (NON AEP), WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	25%, 25%, 20%, 15%, 5%, 5%, 5%	No corrections planned	Equipment Failure outages accounted for 89.20% of the total SAIDI and 86.03% of the total SAIFI for this circuit.
Pikeville	3409302	KENWOOD	AUXIER	980 Industrial Park, Hager Hill, KY 41222	Van Lear, Ky Route 321, East Point, Hager Branch, George Branch, Davis Branch	40.77	1,053	10/30/2020	289.2	509.81	1.66	3.66	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), VINE, OTHER, TREE INSIDE ROW, ANIMAL - BIRD, ANIMAL - NON BIRD, ERROR - FIELD, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	22.03%, 22.03%, 20.34%, 15.25%, 5.08%, 3.39%, 3.39%, 1.69%, 1.69%, 1.69%, 1.69%, 1.69%	No corrections planned	Unknown (Non Weather) outages accounted for 36.01% of the total SAIDI and 28.11% of the total SAIFI for this circuit.
Pikeville	3409401	FEDSCREEK	FEDSCREEK	US Route 460, Lick Creek	Fistrap	40.75	774	3/27/2020	527.02336	1,526.00	2.34	3.44	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, ANIMAL BUS, EQUIPMENT FAILURE, WEATHER - LIGHTNING	57.69%, 23.08%, 7.69%, 3.85%, 3.85%, 3.85%	No corrections planned	Tree Out ROW outages accounted for 82.90% of the total SAIDI and 36.57% of the total SAIFI for this circuit.
Pikeville	3409502	BURDINE	LEVISA	12319 Highway 805, Letcher, KY 41537	Jenkins, Shelby Gap	40.75	644	4/27/2019	970.44467	1,230.47	3.48	5.03	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FOREIGN OBJECT (NON ANIMAL), SCHEDULED COMPANY, VINE, ANIMAL - BIRD, ANIMAL - NON BIRD, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - FLOOD/SLIDE	31.71%, 29.27%, 12.2%, 4.88%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%, 2.44%, 2.44%	No corrections planned	Tree Out ROW outages accounted for 57.68% of the total SAIDI and 47.92% of the total SAIFI for this circuit.
Hazard	3409503	BURDINE	JENKINS	Near Raven Rock Golf Course	Hwy 805 East Jenkins	8.32	340	3/10/2018	242.83325	554.96	1.13	2.26	EQUIPMENT FAILURE, FACILITATION OF WORK, FOREIGN OBJECT (NON ANIMAL), SCHEDULED COMPANY, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP)	37.5%, 12.5%, 12.5%, 12.5%, 12.5%, 12.5%	No corrections planned	1 emergency transmission outage accounted for 63.11% of the total SAIDI and 44.92% of the total SAIFI for this circuit.
Pikeville	3410502	S.PIKEVILLE	ISLAND CREEK	332 South Mayo Trail, Pikeville, KY 41501	City of Pikeville	39.54	894	4/27/2019	257.34816	390.67	1.44	2.03	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, VINE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, ANIMAL - NON BIRD	27.45%, 25.49%, 23.53%, 9.8%, 3.92%, 3.92%, 3.92%, 1.96%	No corrections planned	Tree Out ROW outages accounted for 73.75% of the total SAIDI and 69.30% of the total SAIFI for this circuit.

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District	Station/ Circuit Number	Station Name	Circuit Name	Station Location	Area Served	Circuit Length (Mi)	Number of Customers Served	Last Circuit R/W Trim Date Completed	Reliability Data For Reporting Year				Circuit Outage Causes for Report Year		List of Corrective Actions	Comments
									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Pikeville	3411401	DEWEY	INEZ	549 Ky, Highway 699, Cornettsville, KY 41731	Inez, Louisa, Beauty	170.78	2,711	10/14/2021	754.04937	768.19	4.21	2.89	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, FACILITATION OF WORK, WEATHER - UNKNOWN, TREE INSIDE ROW, VINE, ANIMAL - BIRD, WEATHER - LIGHTNING, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), WEATHER - FLOOD/SLIDE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	31.43%, 17.14%, 16.67%, 10.48%, 5.24%, 3.81%, 3.81%, 2.86%, 2.86%, 1.43%, 1.43%, 0.48%, 0.48%, 0.48%, 0.48%	No corrections planned	Tree Out ROW outages accounted for 61.69% of the total SAIDI and 53.45% of the total SAIFI for this circuit.
Pikeville	3411702	CEDAR CREEK	IVY COURT	263 Cedar Creek Road, Pikeville, KY 41501	Pikeville	0.000001	373	2/5/2021	361.73158	1,037.71	2.84	2.69	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN	30%, 30%, 25%, 10%, 5%	No corrections planned	Tree Out ROW outages accounted for 97.94% of the total SAIDI and 93.43% of the total SAIFI for this circuit.
Pikeville	3411801	JOHNSCREEK	META	3697 State Highway 194E, Kimper, KY 41539	McCombs, Gulnare, Mayflowe, Varney, Meta	167.37	756	4/30/2019	998.43533	1,027.26	4.54	3.58	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VINE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, CUST. EQUIPMENT > 1 CUSTOMER, ANIMAL - BIRD, OVERLOAD, WEATHER - LIGHTNING	28.3%, 21.7%, 17.92%, 12.26%, 4.72%, 4.72%, 3.77%, 1.89%, 1.89%, 0.94%, 0.94%, 0.94%	No corrections planned	Out ROW outages accounted for 58.48% of the total SAIDI and 44.69% of the total SAIFI for this circuit.
Pikeville	3411802	JOHNSCREEK	RACCOON	3697 State Highway 194E, Kimper, KY 41539	Kimper, Raccoon	85.04	746	4/23/2021	517.10025	934.71	2.34	4.25	EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, OTHER, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, ANIMAL - NON BIRD, OVERLOAD, TREE REMOVAL (NON AEP), VINE	28.38%, 25.68%, 12.16%, 9.46%, 6.76%, 4.05%, 4.05%, 2.7%, 1.35%, 1.35%, 1.35%, 1.35%, 1.35%	No corrections planned	Tree Out ROW outages accounted for 62.62% of the total SAIDI and 63.68% of the total SAIFI for this circuit.
Pikeville	3411901	FORDSBRANCH	SHELBY	46 Old Shelbiana Road, Shelbiana, KY 41562	Pikeville, Shelbiana	40.35	1,387	3/22/2019	231.8	269.71	1.38	1.73	TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, CORROSION, TREE INSIDE ROW, WEATHER - LIGHTNING	34.21%, 21.05%, 15.79%, 7.89%, 7.89%, 5.26%, 2.63%, 2.63%, 2.63%	No corrections planned	Tree Out ROW outages accounted for 72.06% of the total SAIDI and 71.88% of the total SAIFI for this circuit.
Pikeville	3413401	GARRETT	GARRETT	611 Stonecoal Road, Garrett, KY 41630	Garrett	38.04	831	12/18/2020	364.83698	479.33	2.00	2.73	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, FACILITATION OF WORK, OTHER, VINE, ANIMAL - NON BIRD, CORROSION, VEHICLE ACCIDENT (NON AEP)	30%, 22.5%, 15%, 7.5%, 7.5%, 5%, 5%, 2.5%, 2.5%, 2.5%	No corrections planned	Tree Out ROW outages accounted for 83.48% of the total SAIDI and 82.96% of the total SAIFI for this circuit.
Pikeville	3414302	SIDNEY	COBURN MTN	COBURN MTN	Canada, Sidney	40.53	869	2/20/2020	245.31037	492.90	0.92	1.52	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP)	31.82%, 15.91%, 9.09%, 9.09%, 9.09%, 9.09%, 6.82%, 6.82%, 2.27%	No corrections planned	Tree Out ROW outages accounted for 57.72% of the total SAIDI and 45.68% of the total SAIFI for this circuit.
Pikeville	3414901	FISHTRAP	DISTRIBUTION	Left Fork Island Creek, Phyllis	Phyllis	4.48	3	1/28/2017	207.81667	1,502.00	0.95	1.00	TREE OUT OF ROW	100.00%	No corrections planned	Tree Out ROW outages accounted for 100.00% of the total SAIDI and 100.00% of the total SAIFI for this circuit.

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									Circuit 5 Year Avg SAIDI	Reporting Year SAIDI	Circuit 5 Year Avg SAIFI	Reporting Year SAIFI	Outage Causes	% of Outages Due to Causes Listed in Previous Column		
Pikeville	3417601	NEW CAMP	S> SIDE	339 New Camp Road, South Williamson, KY 41503	Goody, S. Williamson, Aflex	10.24	292	7/6/2018	553.73014	679.09	1.88	2.67	SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - UNKNOWN, TREE OUT OF ROW, UNKNOWN (NON WEATHER), ANIMAL - BIRD, CUST. EQUIPMENT > 1 CUSTOMER, ERROR - OPERATIONS, FOREIGN OBJECT (NON ANIMAL), OTHER UTILITY, TREE INSIDE ROW	25.93%, 18.52%, 14.81%, 11.11%, 7.41%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%, 3.7%	No corrections planned	Tree Out ROW outages accounted for 63.26% of the total SAIDI and 48.46% of the total SAIFI for this circuit.
Pikeville	3417602	NEW CAMP	APP REG HOSP	339 New Camp Road, South Williamson, KY 41503	Turkey Creek, Williamson	21.57	655	10/14/2017	383.39011	414.93	3.30	2.51	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, ANIMAL - NON BIRD, TREE INSIDE ROW, FACILITATION OF WORK, UNKNOWN (NON WEATHER)	28%, 24%, 12%, 12%, 8%, 8%, 4%, 4%	No corrections planned	Tree Out ROW outages accounted for 53.21% of the total SAIDI and 58.22% of the total SAIFI for this circuit.
Hazard	3420002	SOFT SHELL	LEBURN	Raymond Smith Dr, Leburn	Possum Trot Wiley Fork Upper Mill Cr	49.73	931	10/29/2020	299.28325	454.88	1.40	1.19	SCHEDULED COMPANY, EQUIPMENT FAILURE, FACILITATION OF WORK, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - ICE (1/2 INCH OR > 6" SNOW), ANIMAL - NON BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER UTILITY, TREE REMOVAL (NON AEP), WEATHER - UNKNOWN	41.18%, 15.69%, 13.73%, 9.8%, 5.88%, 3.92%, 1.96%, 1.96%, 1.96%, 1.96%	No corrections planned	Scheduled outages accounted for 31.95% of the total SAIDI for this circuit.
Pikeville	3451201	BEEFHIDE	BEEFHIDE	Improvement Branch Road, Jenkins, KY 41537	Beefhide	4.86	2	4/24/2020	1653	1,671.50	2.00	2.50	EQUIPMENT FAILURE, TREE REMOVAL (NON AEP)	50%, 50%	No corrections planned	Removal (Non AEP) outage accounted for 94.35% of the total SAIDI and 80.00% of the total SAIFI for this circuit.
Hazard	3451202	BEEFHIDE	DUNHAM	Wyatt Row, Beefhide	Beefhide	9.37	204	10/27/2018	492.54442	1,883.09	1.90	3.71	TREE REMOVAL (NON AEP), EQUIPMENT FAILURE, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE OUT OF ROW, VINE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY	84%, 10.39%, 4.08%, 1.14%, 0.34%, 0.04%, 0.02%	A circuit tie is planned for 2022	1 tree removal (non AEP) accounted for 84.00% of the total SAIDI and 54.16% of the total SAIFI for this circuit.