

Electric Distribution Utility Annual Reliability Report

SECTION 1: CONTACT INFORMATION

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

CALENDAR YEAR OF REPORT	<u>2022</u>
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SECTION 3: MAJOR EVENT DAYS

TMED	<u>27.7207</u>
FIRST DATE USED TO DETERMINE TMED	<u>1-Jan-17</u>
LAST DATE USED TO DETERMINE TMED	<u>31-Dec-21</u>
NUMBER OF MED IN REPORT YEAR	<u>6</u>

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	<u>162,018</u>	Total Circuits	<u>234</u>
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Excluding MED

	5 Year Average		Reporting Year
SAIDI	<u>451.87</u>	SAIDI	<u>490.62</u>
SAIFI	<u>2.196</u>	SAIFI	<u>2.289</u>

Including MED

	5 Year Average		Reporting Year
SAIDI	<u>1486.99</u>		<u>1710.61</u>
SAIFI	<u>2.651</u>		<u>2.837</u>

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 2022 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 490.62 minutes for 2022 represents an 8.6% increase over the five year average SAIDI of 451.87. Also the Company SAIFI of 2.289 for 2022 represents a 4.2% increase over the five year average SAIFI of 2.196.

Including MED

The Company SAIDI of 1710.61 minutes for 2022 represents a 15.0% increase over the five year average SAIDI of 1486.99. Also the Company SAIFI of 2.837 represents a 7.0% increase over the five year average SAIFI of 2.651.

Additional Comments

During 2022, the Company recorded six MEDs. Of the six, four of the MEDs were due to the historic July flooding event discussed further below.

The increase in SAIDI and SAIFI for 2022 as compared to the historical five-year averages (with or without MEDs included) was caused by unusually stormy weather conditions during the year, but particularly through the summer months. Starting on July 28, 2022, Kentucky Power's service territory experienced a historic 1000-year probability flooding event that brought complexes of thunderstorms including heavy rain, deadly flash flooding, mudslides, and landslides that resulted in significant property damage and loss of life. Flash flooding presents the most dangerous kind of floods as it combines destructive power with incredible speed. Restoration crews faced serious access issues as some roads and bridges were entirely washed away, flooded, or blocked by debris.

The month of July 2022 was also notable for severe weather for the days of the month not including the historic flooding. Per the National Weather Service, in Jackson, KY, there were 17 storm days recorded in July 2022. Excluding the MEDs for July 2022, customers experienced 15.5 million customer minutes of interruption (CMI) resulting primarily from this severe weather. For reference, the historical average for July (2018-2021) was 7.6 million CMI (excluding MEDs). The next highest monthly CMI of 11.9 million occurred in May 2019.

January 2022 also stood out as compared to historical averages. Early in January 2022, the Company experienced thunderstorms, rain, and flooding. Although January 2022 did not include any MEDs, the month still totaled 9.6 million CMI. For reference, the historical average for January (2018-2021) was 3.6 million CMI.

The non-MED minutes for both January 2022 and July 2022 that were in excess of historical averages (2018-2021) were equivalent to an increase of over 70 minutes to the Company SAIDI.

At the end of 2022, the Company had completed targeted widening on 56 of 234 distribution circuits, or 23.9% of the circuits. However, widening activities have been completed on approximately 5.7% of the Company's overhead primary distribution miles. In order to normalize outlier weather event years, the Company reviews a rolling three-year average of data for TOR. There has been a 16.3% reduction in TOR SAIDI when the three-year average of 2020-2022 is compared to the three-year average of 2018-2020.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION



Equipment being utilized to mitigate debris from newly cleared right-of-way in the Hazard District
Construction of new 3-phase tie line in Breathitt County – Photo taken on March 14, 2023

2022 DISTRIBUTION VEGETATION MANAGEMENT REPORT
AND 2023 DISTRIBUTION VEGETATION MANAGEMENT WORK PLAN
OF KENTUCKY POWER COMPANY
APRIL 3, 2023

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 2022 Distribution Vegetation Management Program and its 2023 Distribution Vegetation Management Work 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, 2023, averages 4.98 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. Overall program expenditures in excess of the targeted amount are \$263,914 as of December 31, 2022.

For 2022, planned operations and maintenance ("O&M") expenditures for targeted distribution vegetation management were \$21.577 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.

2022 Distribution Vegetation Management Expenditures
And Rights-of-Way Work Performed

The Company's 2022 distribution vegetation management O&M expenditures were \$21,599,427 or 0.11% greater (\$22,783) than the 2022 budget of \$21,576,644.

The Company's 2022 distribution vegetation management capital expenditures were \$8,838,170. 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.

2022 Vegetation Management Mileage Cleared, Expenditures, and Cost / Unit

Kentucky Power's 2022 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 1** below provides a comparison of the 2022 work completed, actual expenditures, and Cost / Unit to the projection for each of its actions within its 2022 Vegetation Work Plan.

Table 1: 2022 Vegetation Work Plan						
Action Description	Targeted			Actual		
	Miles/Acres	Expenses	Cost/Unit	Miles/Acres	Expenses	Cost/Unit
Cycle Maint. (Miles)	1,653.1	\$18,715,196	\$11,322	1,783.2	\$19,561,084	\$10,970
Internal	-	\$661,908	\$400	-	\$503,555	\$282
Spray (Acres)	2,870.0	\$1,822,340	\$635	3,847.1	\$1,265,638	\$329
Reactive Maint.	-	\$377,200	\$228	-	\$269,150	\$151
TOTALS	-	\$21,576,644	\$12,585	-	\$21,599,427	\$12,113

Kentucky Power targeted 1,653.1 miles of annual cycle maintenance and completed 1,783.2 miles (107.8%) of the 2022 targeted miles. Associated O&M expenditures were \$19,561,084 (4.5%) or \$845,888 above the budget target of \$18,715,196. The Company's cost per unit for field cycle maintenance was approximately \$352 (3.1%) less per mile than targeted.

The Company targeted 2,870.0 acres of spray in 2022 and completed 3,847.1 total acres in foliar, cut stubble, and vine applications. Foliar spray comprised 2,420.01 (62.9%) of the total acres treated; cut stubble treatments comprised 1,285.2 (33.4%) of the total acres treated; and vine applications comprised 141.89 (3.7%) of the total acres treated. In year 2022 the Company

continued utilizing third-party providers to complete scheduled foliar spray work, which reflects improved efficiency as well as lower cost-per-acre of application.

Kentucky Power's 2022 expenditures for reactive maintenance totaled \$108,050 less than the targeted work plan. The sustaining practice and components of the Company's cycle-based maintenance programs continue to reduce the volume of reactive work and enable the Company to direct the funds toward other vegetation maintenance actions.

Internal Forestry Staff O&M expenditures totaled \$158,353 less than the targeted work plan of \$661,908 for year 2022.

The Overall 2022 O&M cost-per-unit of \$12,113 was \$472 or (3.8%) below the targeted cost-per-unit of \$12,585.

O&M and Capital work associated with the 2022 Vegetation Management activities included trimming 55,441 trees, removing 201,605 trees, and clearing 4,401.5 acres of brush.

2022 Distribution Vegetation Management Work by District

Table 2 below details the Company's 2022 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: 2022 District Level O&M Expenditures by District				
Nature of Expense	Ashland	Hazard	Pikeville	Total
Annual Cycle Maintenance	\$6,122,788	\$5,385,433	\$8,821,473	\$20,329,694
Internal	\$182,001	\$171,431	\$150,123	\$503,555
TOTALS	\$6,304,789	\$5,556,864	\$8,971,596	\$20,833,249

Table 3 below provides the 2022 vegetation management work by District in terms of miles cleared and acres sprayed.

Table 3: 2022 District Level Cycle Work Performed				
Work Performed	Ashland	Hazard	Pikeville	Total
Annual Cycle Miles Cleared	596.34	554.52	632.30	1,783.16
Acres Sprayed	1,406.91	655.58	1,784.61	3,847.10

Attachment 1 to this report provides detail for the 2022 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 4¹ below provides total system reliability indices for Kentucky Power's distribution system from year 2010 (when the Vegetation Management Program began), through December 31, 2022. Excluded from the calculation of the indices in both **Tables 4 and 5** are major events as defined by IEEE Standard 1366.

Table 4: Thirteen 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	1.85	217.1	402.1
2022	2.29	214.3	490.6

¹ The values reported for 2021 SAIFI, CAIDI, and SAIDI considers an adjustment necessary to reflect an update in CI and CMI around a major event day that occurred in year 2021. At the time of filing the 2022 report (which presents 2021 data as the most recent), the adjustment was not yet reflected.

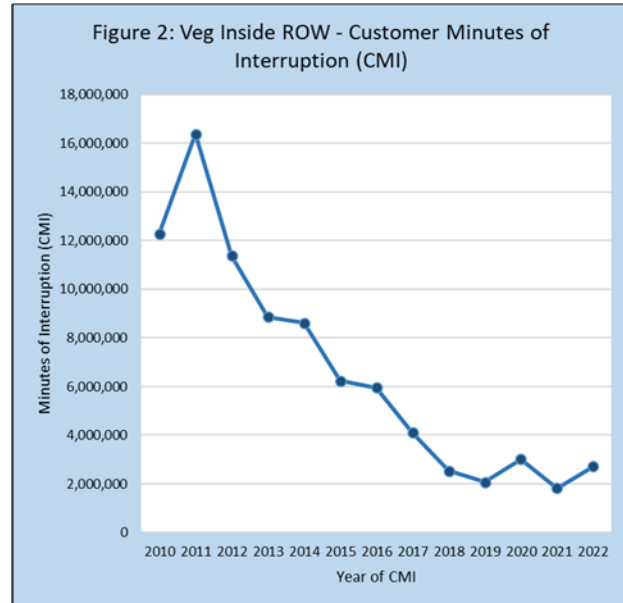
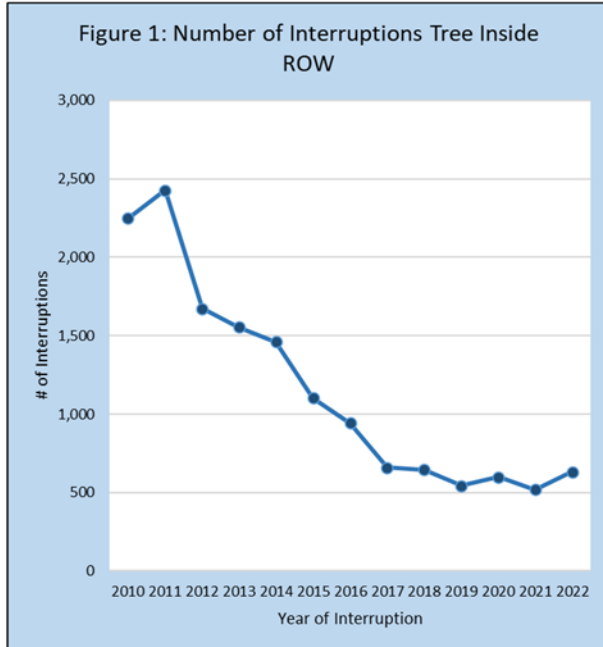
Table 5 below provides reliability indices limited to Tree Inside Rights-of-Way outages for the same thirteen-year period.

Table 5: Thirteen 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
2022	0.084	200.1	16.8

Table 5 highlights the improvements driven by the Company's Distribution Vegetation Management Program. The 2022 Tree Inside Rights-of-Way SAIFI and SAIDI are respectively 56.1% and 58.9% below the average Tree Inside Rights-of-Way SAIFI and SAIDI metrics for the previous twelve-year period of 2010 through 2021. The CAIDI value also decreased 5.4% from the twelve-year period average duration of 211.6 to 200.1 in year 2022. CAIDI measures the time for crews to respond, assess and identify the trouble, remove any debris that may have caused the outage, complete 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 73.9% from a peak of 2,427 interruptions in year 2011 to 633 interruptions in year 2022. The annual number of customer minutes of interruption (CMI)

associated with these events has also declined by approximately 83.4% from a peak of 16,388,594 in year 2011 to 2,719,179 over the same period (**Figures 1 and 2**).



The number of vegetation-related service interruptions for trees inside rights-of-way outages increased 22.2% percent from 518 in year 2021, to 633 in year 2022. The number of customer minutes interrupted due to trees inside rights-of-way increased 18.1% from the previous three-year average of 2,301,997 minutes of interruption.

Vine-related outages are included in the reported inside rights-of-way outages. For year 2022, vine-related outages constituted approximately 60.5% of inside 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 the expenditures of \$262,930,822 in Vegetation Management O&M from the beginning of the program on July 1, 2010, through December 31, 2022. In that period, the Company spent \$264,845,023; or \$1,914,201 (0.7%) more than planned.

Kentucky Power has trimmed 882,018 trees; removed 3,048,216 trees; cleared 36,622 acres (57.22 square miles) of brush; and sprayed 40,336 acres (63.03 square miles) of brush 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’s direct testimony in Case No. 2020-00174.

The December 31, 2022 balancing account balance of \$263,916 (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
2022	\$21,577,961	\$21,599,427	\$21,466
Total	\$176,859,194	\$177,123,110	\$263,916

Attachment Description

The following attachments are incorporated in this report:

Attachment 1 – provides a detailed summary of annual cycle maintenance work completed in year 2022 at a circuit level within each district.

Attachment 2 – provides the annual cycle maintenance plan for year 2023 at a circuit level by district reflecting circuit level updates to the Company's previous Vegetation Management Plan filed April 1, 2022.

Attachment 3 – provides the annual spray plan for year 2023 at the district level.

Attachment 4 – provides a recapitulation of planned 2023 O&M expenditures (including amounts that cannot be allocated on a circuit basis) by district and projected 2023 capital expenditures by district. The 2023 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 the rights-of-way causes of outages, including particularly the mitigation of threats posed by diseased and dead trees.

Attachment 1 – 2022 Annual Maintenance Cycle History

2022 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
3000201	Big Sandy - Fallsburg South	\$787,386.31	96.1	37.6	96.1	2,128	4,589	176.75	153.67	0.0	Full Circuit Reclear
3000303	Bellefonte - Bellefonte	\$839,963.17	57.9	57.9	57.9	3,557	2,381	78.79	95.64	0.0	Full Circuit Reclear
3000601	Grahn - Distribution	\$340,032.31	42.3	42.3	42.3	946	1,769	86.92	96.76	0.0	Full Circuit Reclear
3001001	Hitchins - Damron Branch	\$297,894.74	46.4	33.4	33.4	1,134	2,630	45.44	42.18	0.0	Finish Full Circuit Reclear from 2021
3001002	Hitchins - Willard	\$713,226.73	150.5	52.3	70.7	1,530	687	117.57	0.00	0.0	Begin Full Circuit Reclear
3001004	Hitchins - EK Road	\$416,767.15	31.8	31.8	31.8	1,939	2,565	46.53	55.61	0.0	Full Circuit Reclear
3001102	Hoods creek - Rural	\$430,427.54	47.9	47.9	47.9	1,817	1,968	62.97	39.30	0.0	Full Circuit Reclear
3001202	Howard Collins - 29th Street	\$54,722.53	13.2	1.5	1.5	363	81	1.44	5.28	0.0	Finish Full Circuit Reclear from 2021
3001204	Howard Collins - Summitt	\$168,415.63	24.3	14.5	14.5	735	373	9.94	28.58	0.0	Finish Full Circuit Reclear from 2021
3003702	Coalton - Cannonsburg	\$169,813.01	23.2	23.2	23.2	440	1,370	52.25	47.83	0.0	Full Circuit Reclear
3003703	Coalton - Trace Creek	\$682,780.61	83.9	83.9	75.5	2,616	5,687	184.51	67.30	0.0	Full Circuit Reclear
3007903	Busseyville - Louisa	\$587,742.60	44.3	44.3	44.3	1,647	4,378	79.86	51.03	0.0	Full Circuit Reclear
3007905	Busseyville - Mattie	\$61,362.78	92.0	6.0	6.0	0	0	0.00	182.44	0.0	Finish Full Circuit Reclear from 2021
3008002	47th Street - 39th Street	\$126,306.64	12.9	12.9	12.9	942	235	9.29	7.97	0.0	Full Circuit Reclear
3103103	Olive Hill - W. Carter Elementary	\$349,384.75	38.4	38.4	38.4	1,433	2,148	53.79	53.65	0.0	Full Circuit Reclear
2206403	South Neal - Whites Creek Road	\$22,045.35	0.0	0.0	0.0	0	5	0.00	41.60	0.0	Capital Work and Ground Spray
3000302	Bellefonte - Flatwoods	\$570.90	0.0	0.0	0.0	0	3	0.00	0.00	0.0	Reactive Work
3000701	Graysbranch - Graysbranch	\$25,045.80	0.0	0.0	0.0	32	2	0.02	45.45	0.0	Ground Spray and Reactive Work
3000801	Hayward - Halderman	\$518.92	0.0	0.0	0.0	2	0	0.00	0.00	0.0	Reactive Work
3001201	Howard Collins - 13th Street	\$6,104.76	0.0	0.0	0.0	0	0	0.00	16.53	0.0	Ground Spray
3001203	Howard Collins - Floyd Street	\$2,136.20	0.0	0.0	0.0	9	0	0.00	0.00	0.0	Reactive Work
3002001	South Shore - Siloam	\$2,572.65	0.0	0.0	0.0	6	23	0.00	0.00	0.0	Capital Work and Reactive Work
3003701	Coalton - US 60 West	\$53,455.63	0.0	0.0	0.0	0	0	0.00	21.85	0.0	Ground Spray
3007904	Busseyville - Torchlight	\$48,209.00	0.0	0.0	0.0	0	0	0.00	258.33	0.0	Ground Spray
3007906	Busseyville - Walbridge	\$44,127.86	0.0	0.0	0.0	145	199	7.35	0.00	0.0	work on 2023 plan
3008701	Cannonsburg - Cannonsburg	\$49,123.48	0.0	0.0	0.0	0	0	0.00	51.66	0.0	Ground Spray
3008702	Cannonsburg - Route 3	\$882.76	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Reactive Work
3010601	Russell - Kenwood	\$2,211.76	0.0	0.0	0.0	3	1	0.00	0.00	0.0	Capital Work and Reactive Work
3010602	Russell - Bear Run	\$21,497.53	0.0	0.0	0.0	54	24	0.68	0.00	0.0	Capital Work and Reactive Work
3110902	Wurland - Greenup	\$2,023.50	0.0	0.0	0.0	12	0	0.00	0.00	0.0	Reactive Work
3110903	Wurland - Route 503	\$18,995.01	0.0	0.0	0.0	13	9	0.00	44.25	0.0	Capital Work and Ground Spray
3116102	Grayson - Dixie Park	\$2,319.48	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Capital Work
3116701	Belhaven - Diedrich	\$331.74	0.0	0.0	0.0	1	0	0.00	0.00	0.0	Reactive Work
3116703	Belhaven - Argillite	\$5,572.67	0.0	0.0	0.0	23	75	0.28	0.00	0.0	Reactive Work
Ashland District Totals		\$6,333,971.50		527.8	596.3	21,527	31,204	1,014.37	1,406.91	0.0	

2022 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
3301101	Chavies - Chavies	\$681,942.78	68.0	68.0	68.0	1,570	15,806	319.18	149.89	0.0	Full Circuit Reclear
3307303	Bulan - Lotts Creek	\$34,843.59	2.2	2.2	2.2	86	678	13.68	0.00	0.0	Full Circuit Reclear
3308401	Beckham - Hindman	\$1,369,462.37	103.3	103.3	103.3	4,574	18,663	323.88	20.59	0.0	Full Circuit Reclear
3308402	Beckham - Carr Creek	\$442,470.15	51.4	51.4	51.4	1,907	6,204	115.60	33.80	0.0	Full Circuit Reclear
3309302	Vicco - Jeff	\$551,037.73	89.0	54.0	54.0	2,578	8,351	166.90	38.21	0.0	Finish Full Circuit Reclear from 2021
3310501	Haddix - Quicksand	\$458,624.98	111.2	29.7	48.9	1,122	8,939	163.39	1.84	0.0	Begin Full Circuit Reclear
3310502	Haddix - Canoe	\$1,333,414.44	123.1	123.1	123.1	3,224	28,474	405.44	188.82	0.0	Full Circuit Reclear
3310503	Haddix - Troublesome Creek	\$292,763.92	91.4	33.7	33.7	532	5,280	100.96	100.93	0.0	Finish Full Circuit Reclear from 2021
3311101	Stinnett - Redbird	\$315,112.88	117.5	42.8	42.8	982	6,870	170.41	7.68	0.0	Finish Full Circuit Reclear from 2021
3312901	Jenkins - Kona	\$163,146.72	27.1	27.1	27.1	611	2,259	50.50	0.00	0.0	Full Circuit Reclear
3311103	Stinnett - Wendover	\$0.00	0.0	0.0	0.0	0	0	0.00	0.00	0.0	Full Circuit Reclear Deferred to 2023
3409503	Burdine - Jenkins	\$0.00	0.0	0.0	0.0	0	0	0.00	0.00	0.0	Full Circuit Reclear Deferred to 2023
3300601	Bluegrass - Walkertown	\$5,446.48	0.0	0.0	0.0	6	27	0.00	1.88	0.0	Reactive Work
3301402	Combs - Airport Garden	\$1,852.73	0.0	0.0	0.0	0	0	0.00	2.68	0.0	Reactive Work, Vine Treatment
3301701	Daisy - Leatherwood	\$4,697.80	0.0	0.0	0.0	0	26	0.00	1.72	0.0	Capital Work and Reactive Work
3302701	Hazard - Black Gold	\$2,902.62	0.0	0.0	0.0	0	0	0.00	3.36	0.0	Reactive Work, Vine Treatment
3302704	Hazard - Kenmont	\$1,013.18	0.0	0.0	0.0	0	0	0.00	3.00	0.0	Reactive Work, Vine Treatment
3303901	Leslie - Hyden	\$34,118.95	0.0	0.0	0.0	6	310	10.00	38.94	0.0	Ground Spray and Reactive Work
3303902	Leslie - Wooton	\$4,235.57	0.0	0.0	0.0	0	0	0.00	9.55	0.0	Reactive Work, Vine Treatment
3303903	Leslie - Hals Fork	\$2,386.40	0.0	0.0	0.0	0	0	0.00	2.33	0.0	Reactive Work, Vine Treatment
3307301	Bulan - Ary-Heiner	\$576.35	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Capital Work
3308001	Jackson - South Jackson	\$3,107.94	0.0	0.0	0.0	0	0	0.00	7.69	0.0	Reactive Work, Vine Treatment
3308002	Jackson - Panbowl	\$1,661.16	0.0	0.0	0.0	0	0	0.00	2.49	0.0	Reactive Work, Vine Treatment
3308404	Beckham - Pippa Passes	\$3,669.65	0.0	0.0	0.0	0	9	0.00	2.60	0.0	Capital Work and Reactive Work
3308502	Bonnyman - Hazard	\$8,531.50	0.0	0.0	0.0	0	0	0.00	8.22	0.0	Reactive Work, Vine Treatment
3308503	Bonnyman - Big Creek	\$1,043.58	0.0	0.0	0.0	0	0	0.00	0.52	0.0	Reactive Work, Vine Treatment
3308601	Collier - Upper Rockhouse	\$916.50	0.0	0.0	0.0	3	0	0.00	0	0.0	Reactive Work
3308602	Collier - Lower Rockhouse	\$3,031.60	0.0	0.0	0.0	0	2	0.00	0.86	0.0	Capital Work and Reactive Work
3308603	Collier - Smoot Creek	\$7,538.96	0.0	0.0	0.0	1	14	0.00	14.48	0.0	Capital Work and Reactive Work
3309101	Whitesburg - Whitesburg	\$5,307.40	0.0	0.0	0.0	0	1	0.00	0.00	0.0	Capital Work
3309103	Whitesburg - Cowan	\$714.35	0.0	0.0	0.0	0	2	0.00	0.00	0.0	Capital Work
3309301	Vicco - Red Fox	\$2,813.30	0.0	0.0	0.0	12	40	0.16	1.64	0.0	Reactive Work
3309902	Slomp - Leatherwood	\$2,851.15	0.0	0.0	0.0	0	0	0.00	3.81	0.0	Reactive Work, Vine Treatment
3311103	Stinnett - Wendover 35kV	\$779.40	0.0	0.0	0.0	0	0	0.00	1.19	0.0	Reactive Work, Vine Treatment
3311401	Reedy - Deane	\$3,303.30	0.0	0.0	0.0	4	8	0.00	1.26	0.0	Capital Work and Reactive Work
3311701	Shamrock - Shamrock	\$819.26	0.0	0.0	0.0	0	0	0.00	1.03	0.0	Reactive Work, Vine Treatment
3312202	Engle - Grapevine 34.5	\$5,268.56	0.0	0.0	0.0	0	68	0.80	2.83	0.0	Reactive Work, Vine Treatment
3314401	Mayking - Ermine	\$3,796.10	0.0	0.0	0.0	12	60	0.37	0	0.0	Reactive Work
3401301	Fleming - Neon	\$13,390.61	0.0	0.0	0.0	37	94	0.61	0.00	0.0	Capital Work and Reactive Work
3420001	Softshell - Vest	\$951.58	0.0	0.0	0.0	0	0	0.00	1.12	0.0	Reactive Work, Vine Treatment
3420002	Softshell - Leburn	\$786.94	0.0	0.0	0.0	0	0	0.00	0.62	0.0	Reactive Work, Vine Treatment
Hazard District Totals		\$5,770,232.48		535.4	554.5	17,267	102,186	1,861.88	655.58	0.0	

2022 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
2153502	Middle Burning Ck - Naugatuck	\$12,686.95	1.0	0.0	1.0	24	65	0.41	0.00	0.0	Full Circuit Reclear
2970603	Hurley - Racefork	\$16,943.70	2.8	2.8	2.8	34	53	2.02	0.00	0.0	Full Circuit Reclear
3200201	Barrenshe - Freeburn	\$103,231.04	11.2	11.2	11.2	253	400	23.14	0.00	0.0	Full Circuit Reclear
3200202	Barrenshe - Vulcan	\$178,425.67	41.3	20.3	20.3	173	811	21.48	0.00	0.0	Finish Full Circuit Reclear, from 2021
3200203	Barrenshe - Slate Branch	\$69,788.90	4.4	4.4	4.4	40	1,008	13.05	0.00	0.0	Full Circuit Reclear
3200302	Belfry - Toler	\$550,779.89	40.1	40.1	40.1	1,392	3,808	87.23	0.00	0.0	Full Circuit Reclear
3201001	Tom Watkins - Upper Pond Ck	\$252,343.65	28.1	28.1	28.1	607	1,137	55.19	0.00	0.0	Full Circuit Reclear
3202201	Lovely - Lovely	\$409,260.21	42.3	42.3	42.3	1,009	5,534	103.84	0.00	0.0	Full Circuit Reclear
3202203	Lovely - Mt. Sterling	\$226,273.99	13.4	2.0	13.4	550	1,244	15.85	0.00	0.0	Full Circuit Reclear
3401001	Elwood - Dorton	\$95,117.65	43.4	12.9	12.9	218	585	5.06	0.00	0.0	Finish Full Circuit Reclear, from 2021
3401002	Elwood - Virgie	\$199,074.09	80.4	8.9	8.9	327	890	28.89	0.00	0.0	Finish Full Circuit Reclear, from 2021
3401702	Henry Clay - Regina	\$1,633,051.00	115.9	115.9	112.6	3,100	10,343	319.83	0.00	0.0	Full Circuit Reclear
3401801	Index - Distribution	\$769,013.51	55.7	48.1	48.1	1,414	5,391	79.19	0.00	0.0	Finish Full Circuit Reclear, from 2021
3401802	Index - Hospital	\$118,363.03	20.1	20.1	20.1	356	1,081	25.41	0.00	0.0	Full Circuit Reclear
3402002	Keyser - Stonecoal	\$646,123.88	36.6	36.6	36.6	427	2,046	87.41	0.00	0.0	Full Circuit Reclear
3403701	Russell Fork - Little Beaver	\$349,503.07	12.1	12.1	11.2	195	3,588	56.66	0.00	0.0	Full Circuit Reclear
3403801	Second Fork - Distribution	\$183,660.36	7.4	7.4	7.4	247	1,665	41.24	0.00	0.0	Full Circuit Reclear
3404301	Sidney - Big Creek	\$457,144.63	25.4	25.4	25.4	790	3,437	74.72	0.00	0.0	Full Circuit Reclear
3407101	Topmost - Dema	\$60,829.23	36.2	1.7	1.7	103	277	4.70	0.00	0.0	Finish Full Circuit Reclear, from 2021
3408103	Salisbury - Martin	\$43,304.23	45.8	1.4	1.5	30	108	6.14	0.00	0.0	Begin Full Circuit Reclear
3408402	Kimper - Grapevine	\$725,789.23	36.2	36.2	36.2	583	5,201	144.43	0.00	0.0	Full Circuit Reclear
3409001	West Paintsville - Paintsville	\$22,762.16	3.4	3.4	3.4	90	120	4.41	0.00	0.0	Full Circuit Reclear
3409003	West Paintsville - Plaza	\$155,106.25	23.2	23.2	23.2	360	2,236	42.48	0.00	0.0	Full Circuit Reclear
3410501	South Pikeville - Pikeville	\$111,580.56	9.7	9.7	9.7	85	1,109	19.21	0.00	0.0	Full Circuit Reclear
3410503	South Pikeville - Hospital	\$68,152.27	5.7	5.7	5.7	34	521	17.33	0.00	0.0	Full Circuit Reclear
3414901	Fishtrap - Distribution	\$78,069.21	4.5	4.5	4.5	25	881	17.30	0.00	0.0	Full Circuit Reclear
3417601	New Camp - South Side	\$142,072.50	10.2	10.2	10.2	161	2,016	17.32	0.00	0.0	Full Circuit Reclear
3417602	New Camp - ARH	\$143,908.25	21.6	21.6	15.6	359	608	77.90	0.00	0.0	Full Circuit Reclear
3420101	Mayo Trail - Nippa	\$200,684.41	22.5	22.5	22.5	734	1,895	44.54	0.00	0.0	Full Circuit Reclear
3420102	Mayo Trail - Euclid	\$543,481.12	19.5	19.5	19.5	953	3,212	28.91	0.00	0.0	Full Circuit Reclear
3420103	Mayo Trail - Davis Branch	\$813,822.63	32.2	32.2	32.2	1,890	6,001	56.56	0.00	0.0	Full Circuit Reclear
3120102	Stanville - Tram	\$30,096.50	0.0	0.0	0.0	0	0	0.00	76.91	0.0	Ground Spray
3120103	Stanville - Harold	\$66,684.18	0.0	0.0	0.0	0	0	0.00	77.78	0.0	Ground Spray
3202202	Lovely - Wolf Creek	\$32,858.71	0.0	0.0	0.0	50	263	2.19	0.00	0.0	Reactive Work
3400101	Allen - Distribution	\$91,756.87	0.0	0.0	0.0	0	0	0.00	126.19	0.0	Ground Spray
3400702	Draffin - Yellow Hill	\$3,307.55	0.0	0.0	0.0	0	21	0.00	0.00	0.0	Capital Work
3401102	Falcon - Salyersville	\$719.52	0.0	0.0	0.0	0	2	0.00	0.00	0.0	Capital Work
3401703	Henry Clay - Ashcamp	\$12,197.56	0.0	0.0	0.0	12	6	0.02	0.00	0.0	Capital Work
3402003	Keyser - Mullins	\$30,582.84	0.0	0.0	0.0	12	7	0.00	64.31	0.0	Reactive Work and Ground Spray
3402204	McKinney - Maytown	\$40,283.93	0.0	0.0	0.0	7	346	0.16	0.00	0.0	Capital Work
3402501	Middle Creek - Distribution	\$31,729.46	0.0	0.0	0.0	0	0	0.00	43.63	0.0	Ground Spray
3403001	Pikeville - City	\$17,108.00	0.0	0.0	0.0	0	0	0.00	42.63	0.0	Ground Spray
3403002	Pikeville - Main Street	\$3,998.78	0.0	0.0	0.0	0	0	0.00	7.49	0.0	Ground Spray
3403003	Pikeville - Cedar Creek	\$24,497.50	0.0	0.0	0.0	0	2	0.00	55.00	0.0	Capital Work and Ground Spray
3403301	Prestonsburg - City	\$10,197.31	0.0	0.0	0.0	0	0	0.00	13.05	0.0	Ground Spray
3404302	Sidney - Coburn Mtn.	\$256,304.31	0.0	0.0	0.0	0	229	0.75	299.34	0.0	Capital Work and Ground Spray
3408303	Coleman - Peter Creek	\$1,897.60	0.0	0.0	0.0	0	41	0.18	0.00	0.0	Capital Work
3408304	Coleman - Calloway	\$2,072.50	0.0	0.0	0.0	0	7	0.00	0.00	0.0	Reactive Work
3409002	West Paintsville - Staffordsville	\$599.60	0.0	0.0	0.0	0	2	0.00	0.00	0.0	Capital Work
3409301	Kenwood - West Van Lear	\$17,418.10	0.0	0.0	0.0	0	0	0.00	41.62	0.0	Ground Spray
3409302	Kenwood - Auxier	\$36,230.08	0.0	0.0	0.0	0	2	0.00	89.29	0.0	Capital Work and Ground Spray
3409303	Kenwood - Hagerhill	\$48,245.10	0.0	0.0	0.0	0	12	0.07	109.97	0.0	Capital Work and Ground Spray
3409502	Burdine - Levisa Stone	\$5,266.00	0.0	0.0	0.0	3	2	0.06	0.00	0.0	Reactive Work
3410601	East Prestonsburg - Prestonsburg	\$7,313.44	0.0	0.0	0.0	0	0	0.00	6.35	0.0	Ground Spray
3410602	East Prestonsburg - Lancer	\$77,437.97	0.0	0.0	0.0	0	0	0.00	93.64	0.0	Ground Spray
3411401	Dewey - Inez	\$137,541.50	0.0	0.0	0.0	0	2	0.00	315.85	0.0	Capital Work and Ground Spray
3411801	Johns Creek - Meta	\$133,149.80	0.0	0.0	0.0	0	0	0.00	321.56	0.0	Ground Spray
Pikeville District Totals		\$10,499,841.98		630.1	632.3	16,647	68,215	1,525.28	1,784.61	0.0	
Kentucky Power 2022 Totals		\$22,604,045.96		1,693.2	1,783.2	55,441	201,605	4,401.52	3,847.10	0.0	

Attachment 2 – 2023 Annual Maintenance Cycle Plan

2023 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 & arial spray, and arial 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	Hayward	Lawton	3000802	37.31	37.31	\$10,525	\$392,703	\$32,437	\$425,140	Full Circuit Reclear
ASH	Hitchens	Willard	3001002	150.51	79.77	\$10,525	\$839,612	\$69,352	\$908,964	Finish Full Circuit Reclear, from 2022
ASH	Hoods Creek	Summit	3001101	22.53	22.53	\$10,525	\$237,137	\$19,588	\$256,725	Full Circuit Reclear
ASH	South Shore	Distribution	3002002	9.12	9.12	\$10,525	\$95,992	\$7,929	\$103,921	Full Circuit Reclear
ASH	Coalton	US 60 West	3003701	87.21	87.21	\$10,525	\$917,921	\$75,820	\$993,741	Full Circuit Reclear
ASH	Coalton	Trace Creek	3003703	83.89	8.44	\$10,525	\$88,834	\$7,338	\$96,172	Finish Full Circuit Reclear, from 2022
ASH	Busseyville	Walbridge	3007906	95.03	95.03	\$10,525	\$1,000,230	\$180,041	\$1,180,271	Full Circuit Reclear
ASH	47th Street	49th Street	3008001	25.40	25.40	\$10,525	\$267,345	\$22,083	\$289,428	Full Circuit Reclear
ASH	Cannonsburg	Route 3	3008702	98.84	98.84	\$10,525	\$1,040,331	\$85,931	\$1,126,263	Full Circuit Reclear
ASH	Russell	Kenwood	3010601	20.90	20.90	\$10,525	\$219,981	\$18,170	\$238,151	Full Circuit Reclear
ASH	Russell	Bear Run	3010602	11.28	11.28	\$10,525	\$118,727	\$9,807	\$128,533	Full Circuit Reclear
ASH	Russell	Ashland Oil	3010603	0.98	0.98	\$10,525	\$10,315	\$852	\$11,167	Full Circuit Reclear
ASH	Wurtland	Wurtland	3110901	1.54	1.54	\$10,525	\$16,209	\$1,339	\$17,548	Full Circuit Reclear
ASH	Wurtland	Greenup	3110902	51.16	51.16	\$10,525	\$538,480	\$44,478	\$582,958	Full Circuit Reclear
Ashland District Totals					549.51		\$5,783,817	\$575,166	\$6,358,983	

2023 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 & arial spray, and arial 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	Hazard	Kenmont	3302704	19.92	19.92	\$10,427	\$207,702	\$16,616	\$224,318	Full Circuit Reclear
HAZ	Leslie	Halsfork	3303903	76.40	30.93	\$10,427	\$322,500	\$25,800	\$348,301	Begin Full Circuit Reclear
HAZ	Bulan	Ary Hiner	3307301	52.11	52.11	\$10,427	\$543,340	\$43,467	\$586,807	Full Circuit Reclear
HAZ	Bulan	Ajax Dwarf	3307302	39.18	39.18	\$10,427	\$408,521	\$32,682	\$441,203	Full Circuit Reclear
HAZ	Beckham	Pippa Passes	3308404	63.33	63.33	\$10,427	\$660,328	\$52,826	\$713,155	Full Circuit Reclear
HAZ	Bonnyman	Hazard	3308502	65.12	13.00	\$10,427	\$135,548	\$10,844	\$146,392	Begin Full Circuit Reclear
HAZ	Bonnyman	Big Creek	3308503	95.52	95.52	\$10,427	\$995,967	\$79,677	\$1,075,644	Full Circuit Reclear
HAZ	Collier	Lower Rockhouse	3308602	63.03	63.03	\$10,427	\$657,200	\$52,576	\$709,776	Full Circuit Reclear
HAZ	Jeff	Viper	3309003	67.29	9.90	\$10,427	\$103,225	\$8,258	\$111,483	Begin Full Circuit Reclear
HAZ	Haddix	Quicksand	3310501	111.18	62.31	\$10,427	\$649,693	\$51,975	\$701,668	Finish Full Circuit Reclear, from 2022
HAZ	Stinnett	Wendover	3311103	35.92	35.92	\$10,427	\$374,530	\$29,962	\$404,493	Full Circuit Reclear
HAZ	Jenkins	Jenkins	3312902	22.22	22.22	\$10,427	\$231,683	\$18,535	\$250,218	Full Circuit Reclear
HAZ	Burdine	Jenkins	3409503	6.93	6.93	\$10,427	\$72,258	\$5,781	\$78,038	Full Circuit Reclear
HAZ	Beefhide	Beefhide	3451201	4.86	4.86	\$10,427	\$50,674	\$4,054	\$54,728	Full Circuit Reclear
HAZ	Beefhide	Dunham	3451202	8.68	8.68	\$10,427	\$90,505	\$7,240	\$97,745	Full Circuit Reclear
Hazard District Totals					527.84		\$5,503,675	\$440,294	\$5,943,969	

2023 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 & arial spray, and arial 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	Sprigg	Sprigg	2150103	9.02	9.02	\$11,800	\$106,436	\$8,515	\$114,951	Full Circuit Reclear
PKV	Sprigg	Matewan	2150105	7.86	7.86	\$11,800	\$92,748	\$7,420	\$100,168	Full Circuit Reclear
PKV	Borderland	Nolan	2150501	18.50	18.50	\$11,800	\$218,300	\$17,464	\$235,764	Full Circuit Reclear
PKV	Borderland	Chattaroy	2150502	10.05	10.05	\$11,800	\$118,590	\$9,487	\$128,077	Full Circuit Reclear
PKV	Stanville	Mudcreek	3120101	85.07	85.07	\$11,800	\$1,003,826	\$80,306	\$1,084,132	Full Circuit Reclear
PKV	Stanville	Harold	3120103	55.53	55.53	\$11,800	\$655,254	\$52,420	\$707,674	Full Circuit Reclear
PKV	Barrenshe	Pounding Mill	3200204	15.80	15.80	\$11,800	\$186,440	\$14,915	\$201,355	Full Circuit Reclear
PKV	Belfry	Belfry	3200301	13.30	13.30	\$11,800	\$156,940	\$12,555	\$169,495	Full Circuit Reclear
PKV	Lovely	Wolf Creek	3202202	60.39	60.39	\$11,800	\$712,602	\$57,008	\$769,610	Full Circuit Reclear
PKV	Draffin	Belcher	3400701	21.34	21.34	\$11,800	\$251,812	\$20,145	\$271,957	Full Circuit Reclear
PKV	Draffin	Yellow Hill	3400702	11.74	11.74	\$11,800	\$138,532	\$11,083	\$149,615	Full Circuit Reclear
PKV	Henry Clay	Regina	3401702	115.85	3.25	\$11,800	\$38,350	\$3,068	\$41,418	Finish Full Circuit Reclear, from 2022
PKV	Keyser	Thompson Road	3402001	10.58	10.58	\$11,800	\$124,844	\$9,988	\$134,832	Full Circuit Reclear
PKV	Russell Fork	Little Beaver	3403701	12.14	0.99	\$11,800	\$11,682	\$935	\$12,617	Finish Full Circuit Reclear, from 2022
PKV	Salisbury	Printer	3408101	19.64	19.64	\$11,800	\$231,752	\$18,540	\$250,292	Full Circuit Reclear
PKV	Salisbury	Black Diamond Coal	3408102	1.45	1.45	\$11,800	\$17,110	\$1,369	\$18,479	Full Circuit Reclear
PKV	Salisbury	Martin	3408103	45.82	44.32	\$11,800	\$522,976	\$41,838	\$564,814	Finish Full Circuit Reclear, from 2022
PKV	Burdine	Lewisa	3409502	39.95	39.95	\$11,800	\$471,410	\$37,713	\$509,123	Full Circuit Reclear
PKV	South Pikeville	Island Creek	3410502	39.54	39.54	\$11,800	\$466,572	\$37,326	\$503,898	Full Circuit Reclear
PKV	Fords Branch	Shelby	3411901	40.35	40.35	\$11,800	\$476,130	\$38,090	\$514,220	Full Circuit Reclear
PKV	New Camp	ARH	3417602	21.57	6.00	\$11,800	\$70,800	\$5,664	\$76,464	Finish Full Circuit Reclear, from 2022
PKV	Breaks	City	3421001	30.25	26.52	\$11,800	\$312,936	\$25,035	\$337,971	Begin Full Circuit Reclear
PKV	Breaks	Grassy	3421002	4.18	4.18	\$11,800	\$49,324	\$3,946	\$53,270	Full Circuit Reclear
Pikeville District Totals					545.37		\$6,435,366	\$514,829	\$6,950,195	
Kentucky Power Totals					1,622.72		\$17,722,858	\$1,530,289	\$19,253,147	

Attachment 3 – 2023 Annual Spray Plan

Kentucky Power 2023 Distribution VM Spray Plan - Cycle Based		
District	Acres	O&M Budget
Ashland	600	\$360,000
Hazard	1,950	\$1,170,000
Pikeville	1,950	\$1,170,000
KY Total	4,500	\$2,700,000

Attachment 4 – Recapitulation Expenditures by District

Kentucky Power Company 2023 Distribution VM O&M Forestry Plan - Summary				
Activity	Total O&M	Ashland	Hazard	Pikeville
5 Year Cycle Maintenance	\$17,722,858	\$5,783,817	\$5,503,675	\$6,435,366
Aerial Saw				
Spray - Ground & Aerial	\$2,700,000	\$360,000	\$1,170,000	\$1,170,000
Internal - KY Forestry Staff	\$654,225	\$218,075	\$218,075	\$218,075
Unscheduled/Reactive Maintenance	\$400,000	\$95,000	\$170,000	\$135,000
2023 Total 5 Yr. Cycle O&M Budget	\$21,477,083	\$6,456,892	\$7,061,750	\$7,958,441

Kentucky Power Company 2023 Distribution VM Capital Forestry Plan - Summary				
Activity	Total Capital	Ashland	Hazard	Pikeville
Capital Assoc. w/ 5 Yr. Cycle Maintenance	\$1,530,289	\$575,166	\$440,294	\$514,829
Internal - KY Forestry Staff	\$122,423	\$40,808	\$40,808	\$40,808
Capital Reliability Pilot Program	\$6,500,000	\$150,000	\$1,250,000	\$5,100,000
Internal - KY Forestry Staff	\$260,000	\$6,000	\$50,000	\$204,000
2023 Total Capital Budget	\$8,412,712	\$771,973	\$1,781,102	\$5,859,637

Section 5 - Circuit Report
Reporting Year : 2022

	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		
1	Pikeville	2150103	SPRIGG	SPRIGG	Lobata, KY	Williamson, Burnwell, Rawl, Matewan, Belfry,	11.25	126	3/17/2018	1548.4	3009.8	5.622	6.810	WEATHER - UNKNOWN, TREE OUT OF ROW, VINE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), OTHER	40.91%, 27.27%, 9.09%, 9.09%, 9.09%, 4.55%	No correction planned	Weather - Unknown accounted for 40.91% of the total SAIDI and Tree Out of Row accounted for 89.20% of the total SAIFI.
66	Hazard	3309901	SLEMP	DEFEATED CREEK	SR 699, Slemp	Defeated Creek Hwy 1103	13.49	34	10/4/2021	1990.1616	2932.8	6.346	6.971	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, FACILITATION OF WORK, ANIMAL - NON BIRD	33.33%, 16.67%, 16.67%, 16.67%, 16.67%	No corrective action planned	1 tree out of ROW accounted for 42% of the total SAIDI and 1 scheduled outage accounted for 44% of the total SAIFI for this circuit in 2022.
73	Hazard	3311701	SHAMROCK STATION	SHAMROCK	Hooterville Rd.	Hooterville, 16 Mile Cr., Grapevine Cr.	28.72	399	1/11/2020	413.3284	2810.0	2.137	3.286	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - FLOOD/SLIDE, VANDALISM, UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER-FLOOD/SLIDE, WEATHER - UNKNOWN, FOREIGN OBJECT (NON ANIMAL), FACILITATION OF WORK, OTHER	29.41%, 20.59%, 8.82%, 5.88%, 5.88%, 5.88%, 2.94%, 2.94%, 2.94%, 2.94%, 2.94%, 2.94%	No corrective action planned	1 equipment failure accounted for 83% of the total SAIDI and 1 weather/unknown accounted for 30% of the total SAIFI for this circuit in 2022.
68	Hazard	3310502	HADDIX	CANOE	Jct of Hwy 397 and HWY 1110	Buckhorn, Canoe	123.12	1,072	12/8/2022	1038.642	2549.2	4.173	6.345	TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - FLOOD/SLIDE, EQUIPMENT FAILURE, FACILITATION OF WORK, UNKNOWN (NON WEATHER), TREE INSIDE ROW, WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), VINE, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, OTHER, WEATHER - LIGHTNING, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), TREE REMOVAL (NON AEP)	30.07%, 16.78%, 11.19%, 9.09%, 6.99%, 6.29%, 4.2%, 2.8%, 2.8%, 2.1%, 2.1%, 2.1%, 1.4%, 1.4%, 0.7%	No corrective action planned	3 trees out of ROW accounted for 25% of the total SAIDI for this circuit in 2022.
2	Pikeville	2150105	SPRIGG	MATEWAN	Lobata, KY	Matewan, Delbarton, Red Jacket, Mc Carr	9.48	130	2/24/2018	1366.5	2315.8	3.701	3.715	WEATHER - UNKNOWN, VINE, SCHEDULED COMPANY, TREE OUT OF ROW, FACILITATION OF WORK, UNKNOWN (NON WEATHER), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), EQUIPMENT FAILURE, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	25%, 18.75%, 18.75%, 15.63%, 6.25%, 6.25%, 3.13%, 3.13%, 3.13%	No correction planned	Weather - Unknown outage accounted for 61.05% of the total SAIDI and 51.76% of total SAIFI. Also, Tree Out of Row outages accounted for 33.16% of the total SAIDI and 26.92% of the total SAIFI.
111	Pikeville	3413401	GARRETT	GARRETT	638 Stone Coal Rd, Garrett, KY 41630	Garrett, Hueysville, Wayland	50.72	785	12/18/2020	377.3658	2247.0	2.082	8.219	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER, TREE INSIDE ROW, ERROR - FIELD, WEATHER - FLOOD/SLIDE, VINE, TREE REMOVAL (NON AEP), WEATHER - UNKNOWN, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP)	28.33%, 25%, 16.67%, 8.33%, 3.33%, 3.33%, 3.33%, 1.67%, 1.67%, 1.67%, 1.67%, 1.67%, 1.67%	No correction planned	Tree out of ROW accounted for 31.33% SAIDI and 52.31% SAIFI. Equipment failure accounted for 42.94% SAIDI and 9.33% SAIFI
43	Pikeville	3200202	BARRENSHE	VULCAN	Near State Highway 194 E, Freeburn	Vulcan, Stopover, Freeburn, Majestic, Argo	51.66	646	3/18/2022	1386.9	2184.3	4.712	5.241	TREE OUT OF ROW, WEATHER - UNKNOWN, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, VEHICLE ACCIDENT (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VANDALISM, TREE REMOVAL (NON AEP), CORROSION, VINE	39.02%, 17.07%, 7.32%, 7.32%, 7.32%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%, 2.44%	No correction planned	Tree out of ROW accounted for 63.45% total SAIDI and 62.88% total SAIFI.
67	Hazard	3310501	HADDIX	QUICKSAND	Jct of Hwy 397 and HWY 1110	Kragon Quicksand Hwy 1098 Smith Br	111.18	977	3/10/2018	994.61969	2097.5	3.459	5.375	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, VINE, TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, OTHER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD	33.33%, 21.93%, 16.67%, 5.26%, 5.26%, 3.51%, 3.51%, 2.63%, 1.75%, 1.75%, 0.88%, 0.88%, 0.88%, 0.88%, 0.88%	Clearing scheduled for 2023	Trees out of ROW (38 outages) accounted for 55% of the total SAIDI and 47% of the total SAIFI for this circuit in 2022.

Section 5 - Circuit Report
Reporting Year : 2022

	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		
49	Hazard	3303901	LESLIE	HYDEN	Azalea Dr, Wooten	Parts of Hyden, Confluence, Thousandsticks	89.35	883	3/11/2021	852.2	1877.5	3.493	7.535	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), VINE, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), FACILITATION OF WORK, ANIMAL - BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE REMOVAL (NON AEP)	35.87%, 17.39%, 13.04%, 11.96%, 3.26%, 3.26%, 3.26%, 3.26%, 3.26%, 2.17%, 2.17%, 2.17%, 1.09%, 1.09%	No corrective action planned	Equipment failures (16 outages) accounted for 30% of the total SAIDI and 47% of the total SAIFI for this circuit in 2022
92	Pikeville	3407102	TOPMOST	CANEY	7429 South Highway 7, Topmost, KY 41862	Topmost	3.4	4	4/23/2021	1152.2222	1784.0	2.778	2.500	TREE OUT OF ROW, CONTAMINATION/FLASHOVER	50%, 50%	No correction planned	Tree out of ROW accounted for 46.61% SAIDI and 80% SAIFI. Contamination/flashover accounted for 53.39% SAIDI and 20% SAIFI
58	Hazard	3308601	COLLIER	UPPERROCK	Cinnamon Rd, Collier	Sexton Br, Cinnamon Road, Low Gap Br.	37.25	672	7/6/2020	490.2	1699.7	2.643	4.757	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE INSIDE ROW, WEATHER - FLOOD/SLIDE, WEATHER-FLOOD/SLIDE, WEATHER - LIGHTNING, OTHER, ANIMAL - NON BIRD, FACILITATION OF WORK	40.38%, 17.31%, 11.54%, 11.54%, 5.77%, 3.85%, 1.92%, 1.92%, 1.92%, 1.92%	No corrective action planned	Trees out of ROW (21outages) accounted for 92% of the total SAIDI and 96% of the total SAIFI for this circuit in 2022.
91	Pikeville	3404002	SPRINGFORK	1PHASEDIS	Mine Shaft Road, Evanston, KY 41339	Evanston	8.54	19	3/27/2020	2174.0	1626.5	3.522	4.737	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, OTHER	50%, 16.67%, 16.67%, 16.67%	No correction planned	Equipment failure accounted for 64.07% SAIDI and 22.22% SAIFI. Tree out of ROW accounted for 15.67% SAIDI and 33.33% SAIFI
45	Pikeville	3202202	LOVELY	WOLFCREEK	Hwy 292, Lovely, KY 41649	Inez, Lovely, Pilgrim,	74.14	727	11/10/2018	1062.5	1544.5	3.843	5.970	TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - UNKNOWN, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), TREE REMOVAL (NON AEP), TREE INSIDE ROW, WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, OTHER, ANIMAL - BIRD	33.33%, 18.52%, 11.11%, 8.64%, 8.64%, 8.64%, 2.47%, 2.47%, 1.23%, 1.23%, 1.23%, 1.23%, 1.23%	Continue to monitor	Equipment Failure accounted for 45.78% total SAIDI and 29.88% total SAIFI.
115	Pikeville	3414901	FISHTRAP	DISTRIBUTION	Left Fork Island Creek, Phyllis	Phyllis	4.5	3	7/28/2022	503.81667	1488.0	0.950	1.000	TREE OUT OF ROW	100%	No correction planned	Tree out of ROW accounted for 100% of total SAIDI and 100.00% of total SAIFI.
76	Hazard	3314402	MAYKING	MILLSTONE	HWY 119, Mayking	Mayking, Thornton	53.46	866	2/26/2021	594.28484	1443.5	2.921	3.358	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - FLOOD/SLIDE, EQUIPMENT FAILURE, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK, VINE, WEATHER - UNKNOWN, TREE INSIDE ROW, ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), OTHER, OVERLOAD, CORROSION	33.33%, 17.24%, 13.79%, 5.75%, 4.6%, 4.6%, 3.45%, 2.3%, 2.3%, 2.3%, 2.3%, 2.3%, 1.15%, 1.15%, 1.15%, 1.15%	No corrective action planned	Trees out of ROW (29 outages) accounted for 83% of the total SAIDI and 70% of the total SAIFI for this circuit in 2022.

**Section 5 - Circuit Report
Reporting Year : 2022**

	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		
118	Pikeville	3421001	BREAKS	CITY	75 Lower Branch Rd, Elkhorn City, KY 41522	Elkhorn City	45.66	997	6/14/2019	105.38362	1408.7	0.881	5.566	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, SCHEDULED COMPANY, TREE INSIDE ROW, ANIMAL - NON BIRD, WEATHER - ICE (1/2 INCH OR > 6" SNOW)	30.77%, 24.62%, 13.85%, 10.77%, 10.77%, 4.62%, 3.08%, 1.54%	Continue to monitor	Tree out of ROW accounted for 59.79% of total SAIDI and 35.36% of total SAIFI. Equipment Failure accounted for 12.37% of total SAIDI and 27.54% of total SAIFI.
69	Hazard	3310503	HADDIX	TROUBLESOME CRK	Jct of Hwy 397 and HWY 1110	Marie Roberts Rd, Flintville, Clayhole	91.39	831	3/31/2022	566.94679	1405.8	2.440	3.223	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - FLOOD/SLIDE, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, FACILITATION OF WORK, WEATHER - ICE (1/2 INCH OR > 6" SNOW), WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE INSIDE ROW, OTHER, VINE, ANIMAL - NON BIRD, TREE REMOVAL (NON AEP)	27.93%, 17.12%, 15.32%, 14.41%, 7.21%, 6.31%, 4.5%, 1.8%, 0.9%, 0.9%, 0.9%, 0.9%, 0.9%, 0.9%	No corrective action planned	1 weather/flood accounted for 44% of the total SAIDI and 2 trees out of ROW accounted for 34% of the total SAIFI for this circuit in 2022.
101	Pikeville	3409502	BURDINE	LEVISA	Near Raven Rock Golf Course	Shelby Gap, Jenkins, Ashcamp	47.5	620	4/27/2019	1120.7713	1372.5	4.157	5.166	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE INSIDE ROW, FACILITATION OF WORK, CORROSION, VINE, ANIMAL - NON BIRD	36.51%, 20.63%, 14.29%, 12.7%, 4.76%, 4.76%, 3.17%, 1.59%, 1.59%	No correction planned	Tree out of ROW accounted for 37.89% total SAIDI and 35.09% total SAIFI. Scheduled Company accounted for 43.18% total SAIDI and 27.88% total SAIFI.
71	Hazard	3311103	STINNETT	WENDOVER	Greasy Creek Road, Stinnett	Hwy 421 Stinnett Cr. Muncy Cr.	35.92	506	4/25/2023	485.16848	1269.7	2.990	6.168	TREE OUT OF ROW, SCHEDULED COMPANY, FACILITATION OF WORK, EQUIPMENT FAILURE, WEATHER - UNKNOWN, TREE INSIDE ROW, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, ANIMAL - NON BIRD	26.47%, 23.53%, 14.71%, 11.76%, 8.82%, 5.88%, 2.94%, 2.94%, 2.94%	Clearing scheduled for 2023	1 scheduled outage accounted for 23% of the total SAIDI and 21% of the total SAIFI for this circuit in 2022.
64	Hazard	3309104	WHITESBURG	CRAFTS COLLEY	HWY 931, Whitesburg	Whitesburg, Sandlick Gap, Licking Rock Branch	27.81	530	5/13/2021	444.0	1269.5	2.008	3.575	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, CORROSION, VINE	29.27%, 19.51%, 12.2%, 9.76%, 7.32%, 4.88%, 4.88%, 4.88%, 2.44%, 2.44%, 2.44%	No corrective action planned	1 tree out of ROW accountd for 43% of the total SAIDI and 1 equipment failure accounted for 28% of the total SAIFI for this circuit in 2022.
112	Pikeville	3413402	GARRETT	LACKEY	638 Stone Coal Rd, Garrett, KY 41630	Lackey, Mousie	41.04	503	6/30/2021	539.89419	1189.7	2.772	5.336	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VINE, TREE INSIDE ROW, WEATHER - UNKNOWN, OTHER, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD	30.43%, 17.39%, 13.04%, 10.87%, 8.7%, 8.7%, 4.35%, 2.17%, 2.17%, 2.17%	No correction planned	Tree out of ROW accounted for 55.08% SAIDI and 53.2% SAIFI. Equipment failure accounted for 14.52% SAIDI and 16.54% of total SAIFI.
74	Hazard	3312202	ENGLE	GRAPEVINE	240 Trus Joist Lane	Hwy 28, Airport Rd, Ky 15 N	99.77	1,228	4/10/2020	905.32185	1176.9	3.653	5.122	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, EQUIPMENT FAILURE, WEATHER - UNKNOWN, OTHER, ANIMAL - BIRD, ANIMAL - NON BIRD, VEHICLE ACCIDENT (NON AEP), ERROR - FIELD, OVERLOAD, VINE, TREE INSIDE ROW	22.22%, 20.51%, 13.68%, 12.82%, 6.84%, 5.98%, 5.13%, 3.42%, 2.56%, 1.71%, 1.71%, 0.85%, 0.85%, 0.85%, 0.85%	No corrective action planned	2 trees out of ROW accounted for 31% of the total SAIDI and 1 animal-non bird accounted for 25% of the total SAIFI for this circuit in 2022.

Section 5 - Circuit Report
Reporting Year : 2022

	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		
52	Hazard	3307303	BULAN	LOTTSCREEK	Carriage Lane Bulan	Bulan, Dwarf	2.24	534	1/15/2022	373.0	1132.9	1.302	5.652	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, VINE, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), TREE INSIDE ROW, TREE REMOVAL (NON AEP), VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD	22.92%, 18.75%, 16.67%, 10.42%, 8.33%, 8.33%, 4.17%, 4.17%, 4.17%, 2.08%	No corrective action planned	Equipment failures (9 outages) accounted for 59% of the total SAIDI and 45% of the total SAIFI for this circuit in 2022
119	Hazard	3451202	BEEFHIDE	DUNHAM	Wyatt Row, Beefhide	Beefhide	8.68	200	2/22/2023	783.35844	1050.5	2.153	4.455	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VINE	31.25%, 25%, 25%, 6.25%, 6.25%	Clearing scheduled for 2023	1 tree out of ROW accounted for 60% of the total SAIDI and 23% of the total SAIFI for this circuit in 2022.
72	Hazard	3311401	REEDY STATION	DEANE	2.4 miles up Hwy 1469	Along Hwy 317 and Hwy 7	43.2	400	11/19/2021	617.55818	1034.8	3.090	3.733	TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - FLOOD/SLIDE, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VINE, WEATHER - HURRICANE, FACILITATION OF WORK, ANIMAL - NON BIRD	25.71%, 17.14%, 14.29%, 11.43%, 11.43%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%	No corrective action planned	1 tree out of ROW accounted for 25% of the total SAIDI and 27% of the total SAIFI for this circuit in 2022.
50	Hazard	3303903	LESLIE	HALSFORK	Azalea Dr, Wooten	Parts of Hyden, Sizerock, Thousandsticks	76.4	968	5/19/2019	873.7	969.8	4.297	2.775	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, FACILITATION OF WORK, UNKNOWN (NON WEATHER), VINE, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, WEATHER - FLOOD/SLIDE, OTHER, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER	30.56%, 22.22%, 13.89%, 8.33%, 5.56%, 4.17%, 2.78%, 2.78%, 2.78%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%	Clearing scheduled for 2023	1 equipment failure accounted for 42% and 1 tree out of ROW accounted for 34% of the total SAIDI for this circuit in 2022.
114	Pikeville	3414302	SIDNEY	COBURN MTN	COBURN MTN	Canada	52.63	861	2/20/2020	327.84098	895.5	1.122	4.712	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), VINE, WEATHER - FLOOD/SLIDE, FACILITATION OF WORK, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, ERROR - FIELD, ANIMAL - NON BIRD, TREE INSIDE ROW	37.04%, 25.93%, 9.88%, 7.41%, 4.94%, 3.7%, 2.47%, 2.47%, 1.23%, 1.23%, 1.23%, 1.23%, 1.23%	No correction planned	Tree out of ROW accounted for 44.60% SAIDI and 19.99% SAIFI. Unknown (Non Weather) accounted for 38.39% SAIDI and 40.94% of total SAIFI
106	Pikeville	3411401	DEWEY	INEZ	Near HWY 3, Van Lear, KY 41265	Deboard, Inez, Rockcastle Creek	217.18	2,691	10/14/2021	824.69095	874.5	4.374	5.327	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, FACILITATION OF WORK, UNKNOWN (NON WEATHER), VINE, TREE INSIDE ROW, ANIMAL - NON BIRD, ANIMAL - BIRD, VEHICLE ACCIDENT (NON AEP), ERROR - OPERATIONS, OTHER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - LIGHTNING, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, WEATHER - FLOOD/SLIDE, VANDALISM, TREE REMOVAL (NON AEP)	29.15%, 21.52%, 13.9%, 7.17%, 6.73%, 4.93%, 4.48%, 3.59%, 1.35%, 1.35%, 0.9%, 0.9%, 0.9%, 0.45%, 0.45%, 0.45%, 0.45%, 0.45%	Continue to monitor	Tree out of ROW accounted for 67.55% SAIDI and 53.18% SAIFI. Equipment failure accounted for 19.13% SAIDI and 30.44% SAIFI
27	Ashland	3007906	BUSSEYVILLE	WALBRIDGE	Hwy 32, US23, Five Forks Rd	Louisa	117.52	1,626	10/25/2019	803.6	858.8	3.729	5.060	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, FACILITATION OF WORK, ANIMAL - NON BIRD, TREE INSIDE ROW, VINE, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, CORROSION, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	23.6%, 21.35%, 16.85%, 15.73%, 4.49%, 4.49%, 3.37%, 3.37%, 2.25%, 1.12%, 1.12%, 1.12%, 1.12%	No corrections planned	Tree out of ROW outages accounted for 43% of total circuit SAIDI. Unknown (non-weather) outages accounted for 42% of total circuit 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		
59	Hazard	3308603	COLLIER	SMOOTCRK	Cinnamon Rd, Collier	Jeremiah	79.51	893	12/13/2019	706.0	824.7	3.984	3.092	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, WEATHER - UNKNOWN, ANIMAL - NON BIRD, TREE INSIDE ROW, WEATHER - LIGHTNING, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), VINE, CORROSION, VANDALISM	30.16%, 17.46%, 12.7%, 11.11%, 11.11%, 4.76%, 4.76%, 1.59%, 1.59%, 1.59%, 1.59%	No corrective action planned	1 equipment failure accounted for 30% of the total SAIDI for this circuit in 2022
46	Pikeville	3202203	LOVELY	MT.STERLING	Hwy 292, Lovely, KY 41649	Lovely, Williamson, Warfield	16.34	191	12/27/2022	961.0	821.0	3.741	4.723	TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK, EQUIPMENT FAILURE, TREE INSIDE ROW	47.06%, 17.65%, 11.76%, 5.88%, 5.88%, 5.88%, 5.88%	No correction planned	Tree out of ROW accounted for 87.80% total SAIDI and 42.57% total SAIFI.
78	Pikeville	3400602	BURTON	WHEELWRIG	85 Upper Burton, Bypro, KY 41612	Wheelwright, Melvin	29.92	691	11/22/2019	696.90224	806.5	2.813	3.729	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, VINE, CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, UNKNOWN (NON WEATHER), ERROR - FIELD, ANIMAL - NON BIRD, FACILITATION OF WORK, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	25%, 17.5%, 17.5%, 12.5%, 7.5%, 5%, 5%, 2.5%, 2.5%, 2.5%, 2.5%	No correction planned	Tree out of ROW accounted for 52.42% SAIDI and 37.8% SAIFI. Scheduled company outages accounted for 33.57% SAIDI and 31.32% SAIFI. Equipment failure accounted for 11.55% SAIDI and 28.13% SAIFI
108	Pikeville	3411802	JOHNSCREEK	RACCOON	3697 State Highway 194E, Kimper, KY 41539	Kimper, Meta	56.68	744	4/23/2021	662.32609	806.1	3.045	2.239	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, VINE, VANDALISM, FOREIGN OBJECT (NON ANIMAL), FACILITATION OF WORK, CORROSION, TREE INSIDE ROW	29.17%, 25%, 14.58%, 12.5%, 6.25%, 2.08%, 2.08%, 2.08%, 2.08%, 2.08%, 2.08%	No correction planned	Tree out of ROW accounted for 81.59% SAIDI and 73.41% SAIFI
51	Hazard	3307301	BULAN	ARY-HEINE	Carriage Lane Bulan	Bulan Ary Talcum	52.11	645	2/6/2019	706.5	791.6	2.334	8.262	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, TREE REMOVAL (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - LIGHTNING, ANIMAL BIRD, CONTAMINATION/FLASHOVER	36.54%, 13.46%, 13.46%, 11.54%, 5.77%, 3.85%, 3.85%, 3.85%, 1.92%, 1.92%, 1.92%, 1.92%	Clearing scheduled for 2023	1 tree out of ROW accounted for 21% of the total SAIDI and 2 scheduled outages accounted for 47% of the total SAIFI for this circuit in 2022.
57	Hazard	3308503	BONNYMAN	BIGCREEK	Typo Rd, Bonnyman	Avawam, Big Creek, Willard	95.52	1,342	9/4/2019	718.8	762.0	2.274	3.078	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, VINE, FACILITATION OF WORK, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, ANIMAL - NON BIRD, ANIMAL - BIRD, OTHER, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	34.38%, 16.67%, 10.42%, 8.33%, 7.29%, 4.17%, 4.17%, 4.17%, 2.08%, 2.08%, 2.08%, 1.04%, 1.04%, 1.04%, 1.04%	Clearing scheduled for 2023	Trees out of ROW (33 outages) accounted for 79% of the total SAIDI and 87% of the total SAIFI for this circuit in 2022.
79	Pikeville	3401101	FALCON	FALC-OILS	3301 Falcon Rd, Salyersville, KY 41465	Falcon, Oil Springs	54.39	636	6/4/2019	628.93124	753.9	3.414	2.502	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - UNKNOWN, VINE, OTHER UTILITY, CORROSION, ANIMAL - NON BIRD	29.82%, 24.56%, 19.3%, 8.77%, 5.26%, 3.51%, 1.75%, 1.75%, 1.75%, 1.75%, 1.75%	No correction planned	Tree out of ROW accounted for 76.33% SAIDI and 34.57% SAIFI. Equipment failure accounted for 10.69% SAIDI and 45.57% SAIFI

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32	Ashland	3103103	OLIVEHILL	W.CARTERS ELEM	AEP Lane, Olive Hill, KY	Olive Hill	42.39	294	11/23/2022	341.8	750.9	1.520	5.061	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - LIGHTNING, SCHEDULED COMPANY, CUST. EQUIPMENT > 1 CUSTOMER, OTHER UTILITY, TREE INSIDE ROW, FACILITATION OF WORK	25%, 25%, 16.67%, 11.11%, 11.11%, 2.78%, 2.78%, 2.78%, 2.78%	No corrections planned	Tree out of ROW outages accounted for 29% of total circuit SAIDI. Scheduled Company outages accounted for 39% of total circuit SAIFI.
113	Hazard	3414301	SIDNEY	BIG CREEK	COBURN MTN			300		214.33034	724.4	1.040	2.447	TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, SCHEDULED COMPANY, TREE INSIDE ROW, FACILITATION OF WORK	39.13%, 21.74%, 17.39%, 13.04%, 4.35%, 4.35%		
11	Ashland	3000802	HAYWARD	LAWTON	Near 6876 SR 174	Olive Hill, Morehead	42.89	352	11/20/2017	209.7	717.0	0.765	3.790	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - UNKNOWN, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE REMOVAL (NON AEP)	28.57%, 23.81%, 14.29%, 14.29%, 9.52%, 4.76%, 4.76%	No corrections planned	1 Weather - High Winds (exceeding 60 mph) outage accounted for 48% of total circuit SAIDI.
81	Pikeville	3401702	HENRY CLAY	REGINA	6949 Marrowbone Creek Road, Marrowbone, KY 41522	Pikeville, Elkhorn City, Shelbiana	145.25	2,476	1/13/2023	686.41236	701.5	3.778	5.207	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, VINE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, ANIMAL - NON BIRD, TREE INSIDE ROW, CORROSION, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - LIGHTNING, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), TREE REMOVAL (NON AEP)	29.13%, 16.99%, 16.99%, 12.14%, 10.68%, 2.91%, 1.94%, 1.94%, 1.46%, 0.97%, 0.97%, 0.97%, 0.97%, 0.49%, 0.49%, 0.49%	Continue to monitor	Equipment Failure accounted for 70.92% of total SAIDI and 74.33% total SAIFI. Tree out of ROW accounted for 18.92% total SAIDI and 16.30% total SAIFI.
63	Hazard	3309103	WHITESBURG	COWAN	HWY 931, Whitesburg	Whitesburg	43.79	871	12/4/2020	590.8	695.3	3.431	4.378	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE REMOVAL (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, CORROSION, FACILITATION OF WORK	29.17%, 22.22%, 12.5%, 11.11%, 5.56%, 4.17%, 4.17%, 4.17%, 1.39%, 1.39%, 1.39%, 1.39%, 1.39%	No corrective action planned	1 tree out of ROW accounted for 22% of the total SAIDI and 27% of the total SAIFI for this circuit in 2022.
25	Ashland	3007904	BUSSEYVILLE STA.	TORCHLITE	Hwy 32, US23, Five Forks Rd	Louisa	111.16	893	1/31/2021	691.2	694.8	2.671	4.980	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, WEATHER - LIGHTNING, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE INSIDE ROW, OTHER, FACILITATION OF WORK, TREE REMOVAL (NON AEP)	23.29%, 21.92%, 17.81%, 13.7%, 6.85%, 4.11%, 2.74%, 2.74%, 1.37%, 1.37%, 1.37%, 1.37%, 1.37%	No corrections planned	Tree out of ROW outages accounted for 46% of total circuit SAIDI and 45% of total circuit SAIFI.
70	Hazard	3311102	STINNETT	BEECH FORK	Greasy Creek Road, Stinnett	Mozelle	9.62	1	10/28/2021	520.48333	690.0	1.517	2.000	SCHEDULED COMPANY, FACILITATION OF WORK	50%, 50%	No corrective action planned	1 scheduled outage accountd for 98% of the total SAIDI and 67% of the total SAIFI for this circuit in 2022.
82	Pikeville	3401801	INDEX	DISTRIBUTION	6075 Liberty Rd., West Liberty, KY 26074	West Liberty	64.18	617	4/28/2022	439.94674	665.6	1.862	3.036	SCHEDULED COMPANY, ANIMAL - NON BIRD, EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - LIGHTNING, TREE INSIDE ROW, WEATHER - UNKNOWN, VINE, VEHICLE ACCIDENT (NON AEP), OTHER, ERROR - FIELD, TREE REMOVAL (NON AEP), FACILITATION OF WORK, UNKNOWN (NON WEATHER)	31.37%, 15.69%, 15.69%, 13.73%, 3.92%, 3.92%, 1.96%, 1.96%, 1.96%, 1.96%, 1.96%, 1.96%	No correction planned	Tree out of ROW accounted for 41.52% SAIDI and 33.42% SAIFI. Equipment failure accounted for 31.98% SAIDI and 34.12% SAIFI
85	Pikeville	3402003	KEYSER	MULLINS	3249 North Mayo Trail, Pikeville 41501	Pikeville	39.13	1,090	6/20/2020	138.03421	661.0	0.923	3.191	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, UNKNOWN (NON WEATHER), VINE, ANIMAL - BIRD, VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, VANDALISM	33.93%, 19.64%, 12.5%, 10.71%, 7.14%, 5.36%, 3.57%, 3.57%, 1.79%, 1.79%	No correction planned	Tree out of ROW accounted for 55.00% total SAIDI and 30.36% total SAIFI.
103	Pikeville	3410502	S.PIKEVILLE	ISLANDCREEK	316 S Mayo Trail, Pikeville, KY 41501	Pikeville	52.61	874	4/27/2019	306.71371	630.8	1.700	2.963	TREE OUT OF ROW, SCHEDULED COMPANY, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), OTHER, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER UTILITY, TREE INSIDE ROW	33.93%, 21.43%, 8.93%, 8.93%, 8.93%, 7.14%, 3.57%, 1.79%, 1.79%, 1.79%, 1.79%	No correction planned	Tree out of ROW accounted for 70.26% total SAIDI and 31.31% total SAIFI. Scheduled Company account for 16.45 of total SAIDI and 56.56% of total SAIFI.

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60	Hazard	3309001	JEFF	BOONE LEDGE	Jeff	Hwy 15 S, Booneledge	4.96	87	12/2/2021	188.9	619.0	0.691	9.391	EQUIPMENT FAILURE, TREE OUT OF ROW	60%, 40%	No corrective action planned	1 tree out of ROW accounted for 87% of the total SAIDI and 95% of the total SAIFI for this circuit in 2022.
110	Pikeville	3411902	FORDSBRANCH	ROBINSONC	150 Fords Branch St N, Fords Branch, KY 41526	Pikeville, Robinson Creek	87.4	1,573	11/15/2019	337.71095	617.1	1.598	5.087	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, TREE INSIDE ROW, FACILITATION OF WORK, WEATHER - UNKNOWN, CORROSION, ANIMAL - BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	32.26%, 18.28%, 18.28%, 9.68%, 9.68%, 3.23%, 2.15%, 2.15%, 2.15%, 1.08%, 1.08%	Continue to monitor	Tree out of ROW accounted for 62.30% SAIDI and 42.93% SAIFI. Equipment Failure accounted for 27.06% SAIDI and 28.13% SAIFI
42	Pikeville	3200201	BARRENSHE	FREEBURN	Near State Highway 194 E, Freeburn	Freeburn, Phelps	16.39	293	4/26/2022	432.6	571.1	1.778	0.628	TREE OUT OF ROW, VINE, SCHEDULED COMPANY, OTHER, EQUIPMENT FAILURE, CORROSION, TREE INSIDE ROW	30.77%, 23.08%, 15.38%, 7.69%, 7.69%, 7.69%, 7.69%	No correction planned	Tree out of ROW accounted for 77.46% total SAIDI and 63.04% total SAIFI.
96	Pikeville	3409002	W.PAINTSVILLE	STAFFORDSVILLE	435 William Henry Dixon Blvd, Paintsville, KY 41240	Staffordsville, Highway 23	62.64	1,164	2/10/2021	172.09021	567.1	1.041	2.182	TREE OUT OF ROW, EQUIPMENT FAILURE, ANIMAL - NON BIRD, SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), UG CONST./DIG-INS (NON AEP), FACILITATION OF WORK, WEATHER - FLOOD/SLIDE, UNKNOWN (NON WEATHER), WEATHER - LIGHTNING, OVERLOAD, ANIMAL - BIRD, WEATHER - UNKNOWN, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, TREE INSIDE ROW	30.61%, 26.53%, 14.29%, 6.12%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%	No correction planned	Tree out of ROW accounted for 79.27% SAIDI and 84.8% SAIFI
100	Pikeville	3409303	KENWOOD	HAGERHILL	980 Industrial Park, Hager Hill, KY 41222	West Van Lear, Hager Hill, Lick Fork	60.66	950	10/14/2021	161.2	560.9	1.149	3.964	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), OTHER, TREE INSIDE ROW, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - UNKNOWN, VINE	34.62%, 21.15%, 17.31%, 7.69%, 3.85%, 3.85%, 3.85%, 3.85%, 1.92%, 1.92%	No correction planned	Tree out of ROW accounted for 42.83% SAIDI and 18.96% SAIFI. Equipment failure accounted for 43.06% SAIDI and 25.7% SAIFI
116	Pikeville	3420101	MAYO TRAIL	NIPPA	Near 61 Ponderosa Dr, Paintsville, KY 41240	Muddy Branch, Wittensville	27.87	494	7/26/2022	263.15714	556.4	1.211	2.283	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, VINE, TREE INSIDE ROW, WEATHER - LIGHTNING, ANIMAL - NON BIRD, FACILITATION OF WORK, OTHER	48.48%, 15.15%, 9.09%, 9.09%, 6.06%, 3.03%, 3.03%, 3.03%, 3.03%	No correction planned	Tree out of ROW accounted for 84.43% SAIDI and 80.32% SAIFI
39	Pikeville	3120101	STANVILLE	MUDCREEK	Williams Dr, Stanville, KY 41659	Mud Creek, Toler Creek, Dana	105.4	1,672	3/18/2019	461.3	555.2	2.467	2.729	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, VINE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, WEATHER - ICE (1/2 INCH OR > 6" SNOW), FOREIGN OBJECT (NON ANIMAL), FIRE - AEP, OR AFFECTING > 1 CUSTOMER, WEATHER - LIGHTNING, TREE REMOVAL (NON AEP), CUST. EQUIPMENT > 1 CUSTOMER, FACILITATION OF WORK	25.6%, 19.2%, 16.8%, 8.8%, 8.8%, 8%, 7.2%, 0.8%, 0.8%, 0.8%, 0.8%, 0.8%, 0.8%	No correction planned	Tree out of ROW accounted for 50.69% total SAIDI and 54.17% total SAIFI. Weather-unknown accounted for 24.81% SAIFI and Weather-Ice accounted for 20.58% SAIDI
10	Ashland	3000801	HAYWARD	HALDEMAN	Near 6876 SR 174	Olive Hill	139.9	1,657	10/18/2019	335.9	553.8	1.225	3.687	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), FACILITATION OF WORK, WEATHER - UNKNOWN, WEATHER - LIGHTNING, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), ANIMAL - NON BIRD, OVERLOAD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE REMOVAL (NON AEP), TREE INSIDE ROW	23.48%, 18.26%, 17.39%, 14.78%, 6.09%, 5.22%, 4.35%, 3.48%, 3.48%, 0.87%, 0.87%, 0.87%, 0.87%	No corrections planned	Tree out of ROW outages accounted for 50% of total circuit SAIDI. Unknown (non-weather) outages accounted for 48% of total circuit SAIFI.
9	Ashland	3000601	GRAHN	PLEASANTV	Grahn Rd, near Clay Dump Road	Grahn	47.78	378	12/9/2022	476.1	544.5	2.202	2.630	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, FACILITATION OF WORK, WEATHER - UNKNOWN, WEATHER - LIGHTNING	28%, 24%, 20%, 16%, 4%, 4%, 4%	No corrections planned	Tree out of ROW outages accounted for 49% of total circuit SAIDI and 43% of total circuit SAIFI.
97	Pikeville	3409003	W.PAINTSVILLE	PLAZA	435 William Henry Dixon Blvd, Paintsville, KY 41240	West Paintsville	23.33	376	4/25/2022	366.53394	539.1	1.711	4.503	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, TREE INSIDE ROW, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VINE, VANDALISM, OTHER, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, UNKNOWN (NON WEATHER)	42.42%, 21.21%, 9.09%, 6.06%, 3.03%, 3.03%, 3.03%, 3.03%, 3.03%, 3.03%, 3.03%	No correction planned	Scheduled company outages accounted for 76.07% SAIDI and 48.14% SAIFI
44	Pikeville	3200203	BARRENSHE	SLATE BRANCH	Near State Highway 194 E, Freeburn	Freeburn	4.41	2	3/28/2022	515.1	533.0	24.375	1.000	TREE OUT OF ROW	100%	No correction planned	Tree out of ROW accounted for 100.00% total SAIDI and 100.00% total SAIFI.

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80	Pikeville	3401103	FALCON	BURNINGFK	3301 Falcon Rd, Salyersville, KY 41465	Burning Fork, Mash Fork	87.05	1,395	5/29/2020	366.8501	532.0	2.078	1.895	EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE OUT OF ROW, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), FACILITATION OF WORK, WEATHER - LIGHTNING, VINE, WEATHER - UNKNOWN, ANIMAL - BIRD, TREE INSIDE ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ERROR - FIELD, CORROSION	28.71%, 26.73%, 9.9%, 7.92%, 5.94%, 4.95%, 3.96%, 2.97%, 1.98%, 1.98%, 1.98%, 0.99%, 0.99%, 0.99%	No correction planned	Main cause of equipment failure was for a station outage on the distribution bank.
87	Pikeville	3402204	MCKINNEY	MAYTOWN	9 CR-1233, Drift, KY 41619	Drift	42.38	498	12/28/2021	602.3928	525.9	2.723	2.998	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), FACILITATION OF WORK, WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP)	25%, 22.22%, 16.67%, 13.89%, 13.89%, 2.78%, 2.78%, 2.78%	No correction planned	Tree out of ROW accounted for 39.85% SAIDI and 40.32% SAIFI. Weather-unknown accounted for 33.55% SAIDI and 33.82% SAIFI
26	Ashland	3007905	BUSSEYVILLE	MATTIE	Hwy 32, US23, Five Forks Rd	Louisa	107.01	725	1/28/2022	329.5	516.4	1.734	4.182	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, SCHEDULED COMPANY, VINE, OTHER, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP), OTHER UTILITY, TREE REMOVAL (NON AEP)	26.42%, 26.42%, 20.75%, 9.43%, 3.77%, 1.89%, 1.89%, 1.89%, 1.89%, 1.89%, 1.89%, 1.89%	No corrections planned	Equipment Failure outages accounted for 42% of total circuit SAIDI and 38% of total circuit SAIFI.
65	Hazard	3309301	VICCO	REDFOX	440 Rowdy Hollow	Smithboro Rd, Big Smith Br., Defeated Creek	47.85	532	7/11/2020	357.71708	511.0	2.103	2.135	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, ANIMAL - BIRD, TREE INSIDE ROW	45.1%, 13.73%, 13.73%, 11.76%, 11.76%, 1.96%, 1.96%	No corrective action planned	1 weather/unknown accounted for 42% of the total SAIDI and 46% of the total SAIFI for this circuit in 2022.
55	Hazard	3308404	BECKHAM	PIPPA PASSES	1182 Hwy 899	Ky 899, Pippa Passes	63.33	1,007	7/31/2019	464.6	510.0	2.492	3.327	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, TREE REMOVAL (NON AEP), ANIMAL - NON BIRD, WEATHER - FLOOD/SLIDE, VINE, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - UNKNOWN, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, VEHICLE ACCIDENT (NON AEP)	35.9%, 21.79%, 17.95%, 8.97%, 3.85%, 2.56%, 1.28%, 1.28%, 1.28%, 1.28%, 1.28%, 1.28%	Clearing scheduled for 2023	1 tree out of ROW accounted for 27% of the total SAIDI and 31% of the total SAIFI for this circuit in 2022.
61	Hazard	3309003	JEFF	VIPER	Hwy 7, Jeff	Maces Creek Upper River Rd.	67.29	977	2/2/2023	605.8	490.8	2.513	3.093	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, WEATHER - UNKNOWN, TREE INSIDE ROW, FACILITATION OF WORK, VINE, ANIMAL - NON BIRD, TREE REMOVAL (NON AEP), ANIMAL - BIRD, WEATHER - ICE (1/2 INCH OR > 6 " SNOW)	40%, 16.67%, 11.67%, 6.67%, 5%, 5%, 3.33%, 3.33%, 3.33%, 1.67%, 1.67%, 1.67%	No corrective action planned	1 tree out of ROW accounted for 25% of the total SAIDI and 1 weather/unknown accounted for 25% of the total SAIFI for this circuit in 2022.
48	Hazard	3301701	DAISY	LEATHERWOOD	5 miles past Hwy 699 and Hwy 7 Jct.	Ulvah, Little Leatherwood	87.55	1,005	9/4/2019	453.8	468.5	2.076	1.825	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, ANIMAL - NON BIRD, TREE INSIDE ROW, FACILITATION OF WORK, WEATHER - UNKNOWN, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - BIRD, WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	31.65%, 21.52%, 20.25%, 8.86%, 5.06%, 3.8%, 2.53%, 2.53%, 1.27%, 1.27%, 1.27%	Clearing scheduled for 2023	Trees out of ROW (25 outages) accounted for 49% of the total SAIDI for this circuit in 2022.
41	Pikeville	3120103	STANVILLE	HAROLD	Williams Dr, Stanville, KY 41659	Betsy Layne, Harold, Boldman	70.14	1,626	10/27/2018	212.2	467.5	1.261	1.699	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), VINE, TREE INSIDE ROW, FACILITATION OF WORK, ANIMAL - NON BIRD, WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), CORROSION, WEATHER - LIGHTNING, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH)	27.08%, 16.67%, 12.5%, 9.38%, 8.33%, 8.33%, 5.21%, 3.13%, 3.13%, 2.08%, 1.04%, 1.04%, 1.04%, 1.04%	No correction planned	Tree out of ROW accounted for 64.42% SAIDI and 32.28% SAIFI. Tree inside ROW accounted for 24.64% SAIDI and 48.61% SAIFI
23	Ashland	3003703	COALTON	TRACECREEK	2449 South Big Run Rd, Meads, KY 41101	Rush	93.42	852	1/12/2023	367.3	448.4	2.765	1.448	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, TREE REMOVAL (NON AEP)	31.71%, 29.27%, 17.07%, 14.63%, 4.88%, 2.44%	No corrections planned	Tree out of ROW outages accounted for 81% of total circuit SAIDI and 78% of total circuit SAIFI.
109	Pikeville	3411901	FORDSBRANCH	SHELBY	150 Fords Branch St N, Fords Branch, KY 41526	Pikeville, Shelbiana	51.61	1,280	3/22/2019	260.14104	432.1	1.457	2.066	TREE OUT OF ROW, VINE, EQUIPMENT FAILURE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, SCHEDULED COMPANY, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, FACILITATION OF WORK	29.41%, 27.45%, 13.73%, 7.84%, 5.88%, 3.92%, 3.92%, 1.96%, 1.96%, 1.96%, 1.96%	Continue to monitor	Tree out of ROW accounted for 37.27% SAIDI and 50.19% SAIFI. Equipment Failure accounted for 41.54% SAIDI and 33.55% 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		
99	Pikeville	3409302	KENWOOD	AUXIER	980 Industrial Park, Hager Hill, KY 41222	Van Lear, Ky Route 321, East Point, Hager Branch, George Branch, Davis Branch	49.06	1,035	10/30/2020	359.01676	429.7	2.255	2.145	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, ANIMAL - NON BIRD, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, ANIMAL - BIRD, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - LIGHTNING, OTHER, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER	24.73%, 23.66%, 19.35%, 8.6%, 7.53%, 5.38%, 3.23%, 2.15%, 2.15%, 1.08%, 1.08%, 1.08%	No correction planned	Tree out of ROW accounted for 77.31% SAIDI and 64.41% SAIFI
88	Pikeville	3403001	PIKEVILLE	CITY	144 Williams Drive, Pikeville, KY 41501	Pikeville	32.32	1,195	8/15/2020	372.40417	429.5	2.480	2.474	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), ANIMAL - NON BIRD, WEATHER - UNKNOWN, OVERLOAD, VINE	34%, 26%, 14%, 4%, 4%, 4%, 2%, 2%, 2%, 2%, 2%	Continue to monitor	Scheduled Company accounted for 29.92% total SAIDI and 35.51% total SAIFI. Tree out of ROW accounted for 27.92% total SAIDI and 19.78 % total SAIFI. Equipment Failure accounted for 39.14% total SAIDI and 42.54% total SAIFI.
94	Pikeville	3408103	SALISBURY	MARTIN	2241 Ky Rt 122, Printer, KY 41655	City of Martin, Alphoretta, Hite, Ky Route 80, Bucks Branch, Hite	57.22	1,010	5/17/2018	490.22641	426.2	2.564	2.623	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, TREE INSIDE ROW, FACILITATION OF WORK, OTHER, VINE	35.09%, 28.07%, 10.53%, 8.77%, 5.26%, 3.51%, 3.51%, 1.75%, 1.75%, 1.75%	No correction planned	Tree out of ROW accounted for 67.22% SAIDI and 59.76% SAIFI
47	Hazard	3300601	BLUEGRASS	WALKERTOWN	Town Mountain Road	Walkertown, Wabaco, Upper Second Cr.	28.74	1,217	5/8/2021	391.5	417.8	2.240	2.356	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), VINE, FACILITATION OF WORK, ANIMAL - BIRD, ANIMAL - NON BIRD, WEATHER - UNKNOWN, WEATHER - FLOOD/SLIDE, VEHICLE ACCIDENT (NON AEP), FOREIGN OBJECT (NON ANIMAL)	25.53%, 17.02%, 14.89%, 14.89%, 6.38%, 4.26%, 4.26%, 4.26%, 2.13%, 2.13%, 2.13%, 2.13%	No corrective action planned	1 tree out of ROW (transmission outage) accounted for 31% of the total SAIDI and 42% of the total SAIFI for this circuit in 2022.
75	Hazard	3314401	MAYKING	ERMINE	HWY 119, Mayking	Ermine, Pert Creek	28.28	582	10/30/2020	268.03627	405.1	2.041	1.067	TREE OUT OF ROW, SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - FLOOD/SLIDE, WEATHER - UNKNOWN, FACILITATION OF WORK, VINE, VEHICLE ACCIDENT (NON AEP), FOREIGN OBJECT (NON ANIMAL), OTHER, ANIMAL - NON BIRD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER	26.53%, 22.45%, 16.33%, 10.2%, 4.08%, 4.08%, 4.08%, 2.04%, 2.04%, 2.04%, 2.04%, 2.04%	No corrective action planned	1 scheduled outage accounted for 41% of the total SAIDI and 1 equipment failure accounted for 19% of the total SAIFI for this circuit in 2022.
86	Pikeville	3402202	MCKINNEY	GIBSON	9 CR-1233, Drift, KY 41619	Drift, McDowell	53.67	942	11/27/2019	283.13689	390.9	1.182	2.069	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VINE, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - UNKNOWN, OTHER, ANIMAL - NON BIRD, TREE INSIDE ROW, TREE REMOVAL (NON AEP), FIRE - AEP, OR AFFECTING > 1 CUSTOMER	41.51%, 16.98%, 9.43%, 5.66%, 3.77%, 3.77%, 3.77%, 3.77%, 3.77%, 3.77%, 1.89%, 1.89%	No correction planned	Equipment failure accounted for 45.57% SAIDI and 56.03% SAIFI. Tree out of ROW accounted for 33.41% SAIDI and 26.01% SAIFI
30	Ashland	3103101	OLIVEHILL	GLOBE	AEP Lane, Olive Hill, KY	Olive Hill	137.84	1,294	4/18/2020	386.7	385.8	1.783	3.293	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, TREE INSIDE ROW, VINE, WEATHER - UNKNOWN, ANIMAL - NON BIRD, WEATHER - ICE (1/2 INCH OR > 6 " SNOW), WEATHER - LIGHTNING, OVERLOAD, SCHEDULED OUTSIDE REQUEST > 1 CUSTOMER, OTHER	23.91%, 22.83%, 21.74%, 15.22%, 4.35%, 2.17%, 2.17%, 2.17%, 1.09%, 1.09%, 1.09%, 1.09%	No corrections planned	Tree out of ROW outages accounted for 37% of total circuit SAIDI. Scheduled Company outages accounted for 61% of total circuit SAIFI.
19	Ashland	3002001	S.SHORE	SILOAM	Sm Roberson Drive, South Shore, KY 41175	South Shore	47.14	1,008	6/28/2019	238.9	381.0	1.452	2.483	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, WEATHER - FLOOD/SLIDE, VINE, WEATHER - UNKNOWN, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), TREE REMOVAL (NON AEP)	32.14%, 19.64%, 14.29%, 12.5%, 8.93%, 1.79%, 1.79%, 1.79%, 1.79%, 1.79%, 1.79%, 1.79%	No corrections planned	Unknown (non-weather) outages accounted for 51% of total circuit SAIDI and 43% of total circuit SAIFI.
95	Pikeville	3408303	COLEMAN	PETERCRK	Calloway Branch, Phelps, KY 41553	Phelps, Jamboree	58.41	1,039	5/14/2019	229.37167	380.6	1.152	1.832	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE INSIDE ROW, VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - BIRD, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP)	27.91%, 25.58%, 18.6%, 6.98%, 6.98%, 4.65%, 2.33%, 2.33%, 2.33%, 2.33%	No correction planned	Animal - Bird accounted for 34.45% of total SAIDI and 55.07% of total SAIFI. Tree out of ROW accounted for 23.38% total SAIDI and 12.09% total SAIFI. Equipment Failure accounted for 24.07% of total SAIDI and 16.34% 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		
105	Pikeville	3410602	E.PRESTON	LANCER	2024 S Lake Dr, Prestonsburg, KY 41653	Lancer, Bull Creek, Sugarloaf Branch	33.92	950	4/16/2020	215.95184	376.9	1.304	0.612	TREE OUT OF ROW, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, TREE INSIDE ROW, FACILITATION OF WORK, ANIMAL - NON BIRD, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, OTHER	31.43%, 14.29%, 14.29%, 11.43%, 8.57%, 5.71%, 5.71%, 2.86%, 2.86%, 2.86%	No correction planned	Tree out of ROW accounted for 94.44% SAIDI and 74.18% SAIFI
98	Pikeville	3409301	KENWOOD	W VANLEAR	980 Industrial Park, Hager Hill, KY 41222	Van Lear, Miller Creek	23.91	456	5/21/2021	122.72915	373.4	0.931	0.735	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), UG CONST. /DIG-INS (NON AEP), VINE, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), OTHER, ANIMAL - NON BIRD	31.03%, 20.69%, 17.24%, 6.9%, 6.9%, 3.45%, 3.45%, 3.45%, 3.45%	No correction planned	Tree out of ROW accounted for 83.85% SAIDI and 37.91% SAIFI
24	Ashland	3007903	BUSSEYVILLE	LOUISA	Hwy 32, US23, Five Forks Rd	Louisa	49.77	591	12/30/2022	170.0	335.7	0.959	2.594	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, WEATHER - UNKNOWN, FACILITATION OF WORK, TREE INSIDE ROW, OTHER, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), TREE REMOVAL (NON AEP), ANIMAL - NON BIRD	29.41%, 21.57%, 13.73%, 11.76%, 7.84%, 3.92%, 3.92%, 1.96%, 1.96%, 1.96%, 1.96%	No corrections planned	Weather - Unknown outages accounted for 66% of total circuit SAIDI. Unknown (non-weather) outages accounted for 42% of total circuit SAIFI.
56	Hazard	3308502	BONNYMAN	HAZARD	Typo Rd, Bonnyman	Hwy 15 N, Morton Blvd, Hospital Hill	65.12	1,421	8/30/2019	230.6	330.7	1.345	1.349	SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), VINE, ANIMAL - NON BIRD, WEATHER - LIGHTNING, WEATHER - UNKNOWN, TREE REMOVAL (NON AEP), VANDALISM, TREE INSIDE ROW, OTHER	27.59%, 20.69%, 14.94%, 12.64%, 4.6%, 3.45%, 3.45%, 3.45%, 2.3%, 2.3%, 1.15%, 1.15%, 1.15%, 1.15%	Clearing scheduled for 2023	1 equipment failure accounted for 30% of the total SAIDI and 44% of the total SAIFI for this circuit in 2022
54	Hazard	3308002	JACKSON	PANBOWL	Town Hill Rd.	KY 15, Jett Dr., Lakeside Dr.	31.6	1,006	1/18/2020	213.9	316.6	1.641	0.823	SCHEDULED COMPANY, TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), WEATHER - ICE (1/2 INCH OR > 6" SNOW), OTHER, CORROSION, WEATHER - FLOOD/SLIDE, ANIMAL - BIRD, WEATHER - LIGHTNING, WEATHER - UNKNOWN, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, VANDALISM	35.56%, 17.78%, 13.33%, 8.89%, 4.44%, 2.22%, 2.22%, 2.22%, 2.22%, 2.22%, 2.22%, 2.22%, 2.22%	No corrective action planned	1 tree out of ROW accounted for 31% of the total SAIDI and 1 weather/flood accounted for 20% of the total SAIDI for this circuit in 2022
7	Ashland	3000303	BELLEFONT	BELLEFONT	Private 11 Dr., Bellefonte	Flatwoods, Ashland	72.67	1,658	11/5/2022	217.6	305.3	1.490	1.392	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, WEATHER - UNKNOWN, FACILITATION OF WORK, TREE INSIDE ROW, VINE, WEATHER - ICE (1/2 INCH OR > 6" SNOW), WEATHER - LIGHTNING	25.61%, 18.29%, 17.07%, 17.07%, 4.88%, 3.66%, 3.66%, 3.66%, 3.66%, 1.22%, 1.22%	No corrections planned	Tree out of ROW outages accounted for 68% of total circuit SAIDI and 53% of total circuit SAIFI.
40	Pikeville	3120102	STANVILLE	TRAM	Williams Dr, Stanville, KY 41659	Tram, lvel	41.9	823	5/15/2021	130.2	304.1	0.399	1.050	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, TREE INSIDE ROW, VANDALISM, VEHICLE ACCIDENT (NON AEP), FACILITATION OF WORK, TREE REMOVAL (NON AEP)	44.44%, 20%, 11.11%, 6.67%, 4.44%, 4.44%, 2.22%, 2.22%, 2.22%, 2.22%	No correction planned	Tree out of ROW accounted for 86.64% SAIDI and 72.57% SAIFI
102	Hazard	3409503	BURDINE	JENKINS	Near Raven Rock Golf Course	Hwy 805 East Jenkins	6.93	334	3/1/2023	332.95359	303.3	1.267	4.186	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP)	25%, 25%, 18.75%, 12.5%, 12.5%, 6.25%	No corrective action planned	1 tree out of ROW accounted for 42% of the total SAIFI for this circuit in 2022
77	Pikeville	3400101	ALLEN	DISTRIBUTION	Oklahoma Branch, Allen City, KY 41601	Allen, Dwale	35.40	766	12/29/2020	271.18632	297.9	1.423	1.366	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, FACILITATION OF WORK, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD	42.11%, 21.05%, 13.16%, 7.89%, 5.26%, 5.26%, 2.63%, 2.63%	No correction planned	Equipment failure accounted for 61.63% SAIDI and 50.86% SAIFI. Tree out of ROW accounted for 33.82% SAIDI and 16.54% SAIFI.
84	Pikeville	3402002	KEYSER	STONECOAL	3249 North Mayo Trail, Pikeville 41501	Pikeville	44.3	759	7/29/2022	287.87835	292.0	2.132	2.021	SCHEDULED COMPANY, TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, VINE, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, TREE INSIDE ROW	50.82%, 18.03%, 11.48%, 6.56%, 6.56%, 1.64%, 1.64%, 1.64%, 1.64%	No correction planned	Scheduled Company accounted for 39.54% total SAIDI and 34.42% total SAIFI. Vine accounted for 34.27% of total SAIDI and 50.52 of total SAIFI.
93	Pikeville	3408101	SALISBURY	PRINTER	2241 Ky Rt 122, Printer, KY 41655	Printer, KY Rt 122	23.83	298	7/12/2018	194.91611	285.1	0.688	1.232	UNKNOWN (NON WEATHER), TREE OUT OF ROW, VINE, SCHEDULED COMPANY, WEATHER - UNKNOWN, CORROSION, EQUIPMENT FAILURE	22.22%, 22.22%, 11.11%, 11.11%, 11.11%, 11.11%	No correction planned	Tree out of ROW accounted for 77.19% SAIDI and 82.29% 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		
53	Hazard	3308001	JACKSON	S.JACKSON	Town Hill Rd.	Jackson	26.63	830	1/18/2020	237.5	269.5	1.749	1.700	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, FACILITATION OF WORK, UNKNOWN (NON WEATHER), ANIMAL - BIRD, VINE, WEATHER - FLOOD/SLIDE, ANIMAL - NON BIRD, WEATHER - UNKNOWN, TREE INSIDE ROW	32.61%, 21.74%, 13.04%, 6.52%, 6.52%, 4.35%, 4.35%, 2.17%, 2.17%, 2.17%, 2.17%	No corrective action planned	1 weather/unknown accounted for 40% of the total SAIDI and 1 tree out of ROW accounted for 31% of the total SAIDI for this circuit in 2022
34	Ashland	3110902	WURLAND	GREENUP	Wurtland Ave, Wurtland, KY	Greenup, Wurtland	63.88	1,276	12/31/2018	203.4	255.5	1.751	1.533	TREE OUT OF ROW, UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), WEATHER - ICE (1/2 INCH OR > 6 " SNOW), FACILITATION OF WORK, CUST. EQUIPMENT > 1 CUSTOMER, TREE INSIDE ROW, WEATHER - LIGHTNING, ANIMAL - NON BIRD, CORROSION, VINE, FIRE - AEP, OR AFFECTING > 1 CUSTOMER	21.54%, 21.54%, 16.92%, 9.23%, 7.69%, 3.08%, 3.08%, 3.08%, 3.08%, 3.08%, 3.08%, 1.54%, 1.54%, 1.54%, 1.54%	No corrections planned	Equipment Failure outages accounted for 64% of total circuit SAIDI and 70% of total circuit SAIFI.
13	Ashland	3001001	HITCHINS	DENTON	3655 State Highway 773, Hitchins, KY 41146	Hitchins, Louisa	51.86	400	3/25/2022	140.1	229.6	0.878	1.985	TREE OUT OF ROW, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, SCHEDULED COMPANY, FACILITATION OF WORK	38.1%, 28.57%, 19.05%, 9.52%, 4.76%	No corrections planned	Tree out of ROW outages accounted for 56% of total circuit SAIDI and 64% of total circuit SAIFI.
14	Ashland	3001201	HOWARDCOL	13 STREET	29th and Floyd St., Ashland, KY	Ashland	23.18	1,436	4/11/2020	210.4	229.5	1.493	2.774	UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, VINE, SCHEDULED COMPANY, OTHER, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, TREE INSIDE ROW, FACILITATION OF WORK, FOREIGN OBJECT (NON ANIMAL), WEATHER - UNKNOWN, ERROR - FIELD, UG CONST. /DIG-INS (NON AEP)	25%, 17.5%, 10%, 7.5%, 7.5%, 5%, 5%, 5%, 5%, 2.5%, 2.5%, 2.5%	No corrections planned	1 Weather - Unknown outage accounted for 44% of total circuit SAIDI. Tree out of ROW outages accounted for 40% of total circuit SAIFI.
16	Ashland	3001204	HOWARDCOL	SUMMIT	29th and Floyd St., Ashland, KY	Ashland	32.82	720	1/29/2022	191.9	222.3	1.296	0.917	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), WEATHER - UNKNOWN, OTHER, ANIMAL - NON BIRD	28%, 28%, 12%, 12%, 8%, 4%, 4%, 4%	No corrections planned	2 Vehicle Accident (non-AEP) outages accounted for 70% of total circuit SAIDI and 31% of total circuit SAIFI.
15	Ashland	3001202	HOWARDCOL	29 STREET	29th and Floyd St., Ashland, KY	Ashland	20.03	1,264	1/8/2022	165.8	216.7	1.235	1.754	TREE OUT OF ROW, UNKNOWN (NON WEATHER), ANIMAL - NON BIRD, EQUIPMENT FAILURE, FACILITATION OF WORK, SCHEDULED COMPANY, TREE INSIDE ROW, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP)	26.19%, 23.81%, 11.9%, 11.9%, 9.52%, 7.14%, 4.76%, 2.38%, 2.38%	No corrections planned	Equipment Failure outages accounted for 78% of total circuit SAIDI and 60% of total circuit SAIFI.
83	Pikeville	3402001	KEYSER	THOMPSON RD	3249 North Mayo Trail, Pikeville 41501	Pikeville	17.65	518	4/28/2018	167.34229	195.1	0.845	1.230	TREE OUT OF ROW, EQUIPMENT FAILURE, SCHEDULED COMPANY, VINE, TREE INSIDE ROW, UNKNOWN (NON WEATHER), WEATHER - UNKNOWN, CONTAMINATION/FLASHOVER	22.22%, 22.22%, 16.67%, 11.11%, 11.11%, 5.56%, 5.56%, 5.56%	No correction planned	Vine accounted for 50.75% total SAIDI and 81.32% total SAIFI.
36	Ashland	3116702	BELHAVEN STATION	INDIAN RUN	260 Thompson Road, Flatwoods, KY 41139	Flatwoods, Russell	25.07	1,032	2/6/2021	71.7	187.5	0.527	1.488	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VEHICLE ACCIDENT (NON AEP), FACILITATION OF WORK, OTHER, VINE, TREE REMOVAL (NON AEP), UG CONST. /DIG-INS (NON AEP)	20.59%, 20.59%, 20.59%, 14.71%, 8.82%, 2.94%, 2.94%, 2.94%, 2.94%	No corrections planned	Vehicle Accident (non-AEP) outages accounted for 49% of total circuit SAIDI. Tree out of ROW outages accounted for 33% of total circuit SAIFI.
29	Ashland	3008701	CANNONSBURG	CANNONSBURG	16400 Ponderosa Dr., Catlettsburg, KY 41129	Cannonsburg	38.96	457	12/31/2019	263.0	186.0	1.440	2.140	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, FACILITATION OF WORK, ANIMAL - NON BIRD, TREE OUT OF ROW, OTHER, WEATHER - UNKNOWN, WEATHER - LIGHTNING	41.18%, 21.57%, 9.8%, 9.8%, 5.88%, 5.88%, 1.96%, 1.96%, 1.96%	No corrections planned	Tree out of ROW outages accounted for 32% of total circuit SAIDI. Equipment Failure outages accounted for 48% of total circuit SAIFI.
8	Ashland	3000304	BELLEFONT	ASHLAND TOWN CT	Private 11 Dr., Bellefonte	Bellefonte, Ashland	4.57	264	3/13/2021	178.4	179.0	0.924	2.110	SCHEDULED COMPANY, ERROR - FIELD, UNKNOWN (NON WEATHER), FACILITATION OF WORK	69.23%, 15.38%, 7.69%, 7.69%	No corrections planned	Scheduled Company outages accounted for 65% of total circuit SAIDI and 52% of total circuit SAIFI.
90	Pikeville	3403801	SECONDFORK	DISTRIBUTION	Long Fork Road	Biggs, Fedcreek	7.54	14	6/30/2022	143.69595	171.8	0.617	0.429	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW	33.33%, 33.33%, 33.33%	No correction planned	Tree out of ROW accounted for 90.94% total SAIDI and 66.67% total SAIFI.
38	Ashland	3117603	PRINCESS	MIDLAND TRAIL	Off Paul Coffey Blvd, along Mackey Ln, Ashland	Cannonsburg	51.15	1,072	2/22/2020	96.5	162.6	0.747	1.543	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), TREE OUT OF ROW, SCHEDULED COMPANY, FACILITATION OF WORK, VINE, WEATHER - UNKNOWN, VEHICLE ACCIDENT (NON AEP), TREE INSIDE ROW, WEATHER - LIGHTNING	27.08%, 27.08%, 12.5%, 10.42%, 6.25%, 4.17%, 4.17%, 4.17%, 2.08%, 2.08%	No corrections planned	Tree out of ROW outages accounted for 50% of total circuit SAIDI and 71% of total circuit SAIFI.

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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		
22	Ashland	3003702	COALTON	CANNONSBURG	2449 South Big Run Rd, Meads, KY 41101	Rush	19.39	302	6/11/2022	132.9	155.8	1.237	0.675	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, WEATHER - UNKNOWN, TREE INSIDE ROW, SCHEDULED COMPANY, CORROSION, BLAST/EXPLOSION (NON AEP), FACILITATION OF WORK, OVERLOAD	60.61%, 15.15%, 6.06%, 3.03%, 3.03%, 3.03%, 3.03%, 3.03%	No corrections planned	Unknown (non-weather) outages accounted for 46% of total circuit SAIDI and 59% of total circuit SAIFI.
117	Pikeville	3420102	MAYO TRAIL	EUCLID	Near 61 Ponderosa Dr, Paintsville, KY 41240	East Paintsville	29.39	1,448	10/13/2022	143.32292	145.9	0.947	0.551	TREE OUT OF ROW, SCHEDULED COMPANY, EQUIPMENT FAILURE, ANIMAL - NON BIRD, VINE, FACILITATION OF WORK, TREE INSIDE ROW, WEATHER - HIGH WINDS (EXCEEDING 60 MPH), VEHICLE ACCIDENT (NON AEP), ANIMAL - BIRD, FIRE - AEP, OR AFFECTING > 1 CUSTOMER, CONTAMINATION/FLASHOVER, TREE REMOVAL (NON AEP), WEATHER - LIGHTNING, UG CONST. /DIG-INS (NON AEP), VANDALISM	22%, 20%, 12%, 10%, 8%, 6%, 4%, 2%, 2%, 2%, 2%, 2%, 2%, 2%	No correction planned	Tree out of ROW accounted for 72.32% SAIDI and 51.88% SAIFI. Scheduled company outages accounted for 16.33% SAIDI and 13.28% SAIFI.
17	Ashland	3001401	LOUISA	CITY	Town Hill Rd off Hwy 32, Louisa	Louisa	16.47	822	11/27/2019	61.9	135.6	1.095	2.219	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, VEHICLE ACCIDENT (NON AEP), ANIMAL - NON BIRD, TREE OUT OF ROW	47.06%, 35.29%, 5.88%, 5.88%, 5.88%	No corrections planned	1 Vehicle Accident (non-AEP) outage accounted for 55% of total circuit SAIDI. Unknown (non-weather) outages accounted for 52% of total circuit SAIFI.
6	Ashland	3000302	BELLEFONT	FLATWOODS	Private 11 Dr., Bellefonte	Flatwoods, Ashland	3.92	89	2/5/2021	105.1	130.4	0.861	1.416	UNKNOWN (NON WEATHER), TREE REMOVAL (NON AEP), EQUIPMENT FAILURE, TREE INSIDE ROW	25%, 25%, 25%, 25%	No corrections planned	1 Equipment Failure outage accounted for 55% of total circuit SAIDI and 36% of total circuit SAIFI.
62	Hazard	3309102	WHITESBURG	HOSPITAL	HWY 931, Whitesburg	Solomon Rd, KY Ave, Virginia Ave	7.12	204	7/9/2021	102.6	124.2	1.135	0.760	SCHEDULED COMPANY, EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), WEATHER - FLOOD/SLIDE, ANIMAL - NON BIRD, TREE OUT OF ROW	30.77%, 23.08%, 15.38%, 15.38%, 7.69%, 7.69%	No corrective action planned	1 tree out of ROW accounted for 38% of the total SAIDI for this circuit in 2022
20	Ashland	3002002	S.SHORE	DISTRIBUTION	Sm Roberson Drive, South Shore, KY 41175	South Shore	12.47	459	2/15/2019	87.2	122.5	0.413	0.444	SCHEDULED COMPANY, EQUIPMENT FAILURE, FACILITATION OF WORK, VANDALISM	53.85%, 23.08%, 15.38%, 7.69%	No corrections planned	Scheduled Company outages accounted for 89% of total circuit SAIDI and 82% of total circuit SAIFI.
89	Pikeville	3403002	PIKEVILLE	MAINST	144 Williams Drive, Pikeville, KY 41501	Pikeville	23.89	750	6/27/2019	60.00833	112.3	0.649	0.869	SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, UNKNOWN (NON WEATHER), VINE	36.36%, 27.27%, 18.18%, 13.64%, 4.55%	No correction planned	Scheduled Company accounted for 82.49% total SAIDI and 89.88% total SAIFI.
35	Ashland	3116701	BELHAVEN STATION	Diederich	260 Thompson Road, Flatwoods, KY 41139	Flatwoods, Russell	16.31	597	2/6/2021	44.6	107.5	0.447	1.075	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, FACILITATION OF WORK, CUST. EQUIPMENT > 1 CUSTOMER, WEATHER - UNKNOWN, TREE INSIDE ROW, ANIMAL - NON BIRD, OTHER UTILITY	20%, 20%, 15%, 10%, 10%, 5%, 5%, 5%, 5%	No corrections planned	1 Tree Inside ROW outage accounted for 51% of total circuit SAIDI and 64% of total circuit SAIFI.
28	Ashland	3008003	47TH STREET	CATLETTSBURG	US 23 and 47th St, Catlettsburg	Ashland, Catlettsburg	39.49	1,243	3/16/2019	96.4	102.7	0.928	0.302	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), VINE, FACILITATION OF WORK, TREE OUT OF ROW, CORROSION, ANIMAL - NON BIRD	27.78%, 22.22%, 16.67%, 8.33%, 8.33%, 5.56%, 2.78%, 2.78%	No corrections planned	Vehicle Accident (non-AEP) outages accounted for 72% of total circuit SAIDI and 41% of total circuit SAIFI.
37	Ashland	3116703	BELHAVEN STATION	ARGILLITE ROAD	260 Thompson Road, Flatwoods, KY 41139	Flatwoods, Russell	35.21	1,516	6/18/2021	68.2	93.9	0.716	0.464	UNKNOWN (NON WEATHER), SCHEDULED COMPANY, EQUIPMENT FAILURE, TREE OUT OF ROW, FACILITATION OF WORK, VANDALISM, WEATHER - UNKNOWN, VINE, OVERLOAD, VEHICLE ACCIDENT (NON AEP)	22.5%, 22.5%, 20%, 15%, 5%, 5%, 2.5%, 2.5%, 2.5%	No corrections planned	Tree out of ROW outages accounted for 50% of total circuit SAIDI. Equipment Failure outages accounted for 42% of total circuit SAIFI.
5	Ashland	3000301	BELLEFONT	WESTWOOD	Private 11 Dr., Bellefonte	Bellefonte, Westwood, Russell, Ashland	35.06	1,570	8/31/2021	89.4	91.1	0.560	1.016	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, FACILITATION OF WORK, EQUIPMENT FAILURE, VINE, VEHICLE ACCIDENT (NON AEP), FOREIGN OBJECT (NON ANIMAL), WEATHER - LIGHTNING, TREE INSIDE ROW	31.25%, 29.17%, 12.5%, 8.33%, 8.33%, 2.08%, 2.08%, 2.08%, 2.08%	No corrections planned	1 Vehicle Accident (non-AEP) accounted for 54% of total circuit SAIDI and 71% of total circuit SAIFI.
12	Ashland	3000902	HIGHLAND	FLATWOODS	437 Greenup Avaneue, Russell, KY	Wurtland, Raceland	26.35	1,213	5/16/2020	106.4	90.2	0.671	0.877	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), TREE OUT OF ROW, EQUIPMENT FAILURE, WEATHER - UNKNOWN, VINE, ERROR - FIELD, FACILITATION OF WORK	54.55%, 15.15%, 9.09%, 6.06%, 6.06%, 3.03%, 3.03%, 3.03%	No corrections planned	1 Weather - Unknown outage accounted for 62% of total circuit SAIDI. Tree out of ROW outages accounted for 47% of total circuit SAIFI.
18	Ashland	3001402	LOUISA	HIGHBOTTOM	Town Hill Rd off Hwy 32, Louisa	Louisa	17.29	621	1/11/2020	140.0	71.4	1.163	1.184	EQUIPMENT FAILURE, UNKNOWN (NON WEATHER), FACILITATION OF WORK, SCHEDULED COMPANY, VINE, ANIMAL - NON BIRD, TREE INSIDE ROW, TREE OUT OF ROW	31.82%, 18.18%, 13.64%, 13.64%, 9.09%, 4.55%, 4.55%, 4.55%	No corrections planned	Unknown (non-weather) outages accounted for 56% of total circuit SAIDI and 88% of total circuit SAIFI.
4	Ashland	3000105	ASHLAND	1ST STREET	2431 Greenup Ave., Ashland, KY 41101	Ashland	3.35	118	3/21/2020	48.1	63.3	0.148	0.475	SCHEDULED COMPANY, EQUIPMENT FAILURE, FACILITATION OF WORK	75%, 16.67%, 8.33%	No corrections planned	1 Scheduled Company outage accounted for 71% of the total circuit SAIDI and 82% of the total circuit 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		
21	Ashland	3002107	10TH STREET	WEST CENTRAL	Greenup Ave and 10th St, Ashland	Ashland	23.41	1,300	3/30/2019	103.1	48.8	0.811	1.094	SCHEDULED COMPANY, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, VINE, FACILITATION OF WORK, ANIMAL - NON BIRD, TREE OUT OF ROW, WEATHER - LIGHTNING, VEHICLE ACCIDENT (NON AEP)	39.13%, 15.22%, 10.87%, 8.7%, 8.7%, 6.52%, 6.52%, 2.17%, 2.17%	No corrections planned	Equipment Failure outages accounted for 40% of total circuit SAIDI. Scheduled company outages accounted for 83% of total circuit SAIFI.
31	Ashland	3103102	OLIVEHILL	CITY	AEP Lane, Olive Hill, KY	Olive Hill	0.01	1	N/A	0.0	48.0	0.000	1.000	SCHEDULED COMPANY	100%	No corrections planned	1 Scheduled Company outage accounted for 100% of total circuit SAIDI and 100% of total circuit SAIFI.
3	Ashland	3000103	ASHLAND	14 STREET	2431 Greenup Ave., Ashland, KY 41101	Ashland	2.77	126	3/21/2020	138.4	38.6	0.557	0.881	EQUIPMENT FAILURE, VEHICLE ACCIDENT (NON AEP), SCHEDULED COMPANY	33.33%, 33.33%, 33.33%	No corrections planned	1 Scheduled Company outage accounted for 69% of total circuit SAIFI.
33	Ashland	3110901	WURLAND	WURLAND	Wurtland Ave, Wurtland, KY	Wurtland	2	20	9/15/2018	41.1	35.3	0.783	1.200	UNKNOWN (NON WEATHER), EQUIPMENT FAILURE	66.67%, 33.33%	No corrections planned	1 Equipment Failure outage accounted for 51% of total circuit SAIDI and 83% of total circuit SAIFI. 2 Unknown (non-weather) outages accounted for 49% of total circuit SAIDI and 17% of total circuit SAIFI.
104	Pikeville	3410503	S.PIKEVILLE	HOSPITAL	316 S Mayo Trail, Pikeville, KY 41501	Pikeville	10.21	264	8/26/2022	45.680695	26.9	0.388	0.890	SCHEDULED COMPANY, WEATHER - UNKNOWN, UNKNOWN (NON WEATHER), EQUIPMENT FAILURE, TREE OUT OF ROW, ANIMAL - NON BIRD, FACILITATION OF WORK, VINE	21.43%, 14.29%, 14.29%, 14.29%, 14.29%, 14.29%, 7.14%, 7.14%, 7.14%	No correction planned	Weather - Unknown accounted for 60.83% of total SAIDI and 82.13 of total SAIFI.
107	Pikeville	3411701	CEDAR CREEK	HOOPWOOD	581 Cedar Creek Road, Pikeville, KY 41501	Pikeville	2.98	81	2/5/2021	10.519853	15.3	0.221	0.123	WEATHER - UNKNOWN	100%	No correction planned	Weather - Unknown accounted for 100.00% SAIDI and 100.00% SAIFI