

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

UTILITY NAME	KENTUCKY UTILITIES COMPANY
REPORT PREPARED BY	Karmen Powell (Mgr Investment Strategy & Reliability)
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SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2023
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SECTION 3: MAJOR EVENT DAYS (MED)

	T_{MED}
FIRST DATE USED TO DETERMINE T_{MED}	3.576
LAST DATE USED TO DETERMINE T_{MED}	1/1/2018
NUMBER OF MED IN REPORTING YEAR	12/31/2022
	12

NOTE: Per IEEE 1366 T_{MED} 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>556,811</u>	TOTAL CIRCUITS <u>1,113</u>
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Excluding MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>72.56</u>	SAIDI	<u>66.47</u>
SAIFI	<u>0.666</u>	SAIFI	<u>0.607</u>

Including MED

	5 YEAR AVERAGE		REPORTING YEAR
SAIDI	<u>285.91</u>	SAIDI	<u>894.90</u>
SAIFI	<u>0.895</u>	SAIFI	<u>1.225</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 T_{MED}
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SECTION 5: CIRCUIT REPORTING

BEGIN ON NEXT PAGE

- 1.) **SUBSTATION NAME AND NUMBER** BUCHANAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 108 Buchanan St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0005
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - W. Main St. and Jefferson St. - E of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 616
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 7.1%
- Non-Company- 0.7%
- Other/Unknown- 74.0%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 17.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	12.67
10.) 2023 SAIDI	22.12
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2023 SAIFI	0.50

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0007
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Limestone St and York St. - NE and SE of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,223
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/21/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 2.3%
- Planned Work- 17.4%
- Trees- 69.1%
- Utility Equipment- 10.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.33
- 10.) **2023 SAIDI** 39.25
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25
- 12.) **2023 SAIFI** 0.20

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** AMERICAN AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 96 Burley Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0009
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Nicholasville Rd. - S of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 846
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 82.7%
- Trees- 0.1%
- Utility Equipment- 17.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	98.00
10.) 2023 SAIDI	315.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0011
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd and Holiday Rd - NW of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 32.0%
- Overload- 0.0%
- Planned Work- 32.8%
- Trees- 35.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.06
10.) 2023 SAIDI	109.19
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	0.29

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0016
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Fontaine Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 700
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/12/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.2%
- Trees- 1.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.31
10.) 2023 SAIDI	39.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2023 SAIFI	0.70

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SCOTT STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 301 Scott St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0017
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Broadway Rd. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 990
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 53.1%
- Overload- 0.0%
- Planned Work- 46.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.92
10.) 2023 SAIDI	3.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2023 SAIFI	0.04

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KUNKEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2000 Versailles Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0019
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Versailles Rd. - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 204
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 99.1%
- Trees- 0.0%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.69
10.) 2023 SAIDI	58.82
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	0.37

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** JOYLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2375 Paris Pike - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0025
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Beverly Ave. & Bryan Station Rd. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,701
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/04/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.1%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 13.4%
- Trees- 82.1%
- Utility Equipment- 1.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.71
10.) 2023 SAIDI	60.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	0.87

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KUNKEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2000 Versailles Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0026
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Duntreath Dr. & Pine Mt. Rd. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 572
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.1%
- Trees- 0.9%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	214.89
10.) 2023 SAIDI	794.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.97
12.) 2023 SAIFI	2.38

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT TABOR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 248 Old Mt. Tabor Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0027
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd. & Raintree Rd. - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 189
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 85.6%
- Trees- 12.0%
- Utility Equipment- 2.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.61

10.) **2023 SAIDI** 149.39

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21

12.) **2023 SAIFI** 0.88

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HIGH STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 727 West High St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0029
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - W High St & S Mill St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 100.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.97

10.) **2023 SAIDI**

62.90

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**

0.33

12.) **2023 SAIFI**

1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 420 Corral St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0030
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Midland Ave. & Winchester Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 939
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 38.5%
- Overload- 0.0%
- Planned Work- 51.3%
- Trees- 0.0%
- Utility Equipment- 10.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.26
10.) 2023 SAIDI	52.06
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2023 SAIFI	0.66

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** G E LAMP WORKS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1809 Edision Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0032
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Edision Dr. - Rosemont Garden
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 5.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 95.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.23
10.) 2023 SAIDI	50.94
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	0.38

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BELT LINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1090 W. New Circle Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0036
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Georgetown St. & Briarwood Dr. - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 565
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 99.3%
- Trees- 0.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	55.92
10.) 2023 SAIDI	120.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2023 SAIFI	0.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUGHES LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 251 Hughes Ln. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0037
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mir Station Rd. & US 27 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 138.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,112
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.4%
- Other/Unknown- 7.4%
- Overload- 0.0%
- Planned Work- 76.2%
- Trees- 14.3%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	273.06
10.) 2023 SAIDI	329.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.74
12.) 2023 SAIFI	2.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANSDOWNE SWITCHING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3200 Montavesta Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0038
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd. - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,591
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 88.8%
- Trees- 9.8%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.18
10.) 2023 SAIDI	81.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2023 SAIFI	0.74

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0044
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Nicholasville Rd . - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,643
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 82.4%
- Trees- 1.0%
- Utility Equipment- 15.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 92.98
- 10.) **2023 SAIDI** 97.67
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69
- 12.) **2023 SAIFI** 0.59

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HALEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 5481 Winchester Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0045
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester & Cleaveland Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 89.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,130
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 28.1%
- Overload- 0.0%
- Planned Work- 63.6%
- Trees- 0.4%
- Utility Equipment- 7.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	284.92
10.) 2023 SAIDI	606.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.67
12.) 2023 SAIFI	2.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** JOYLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2375 Paris Pike - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0047
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - US 27 & 68 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 241
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.5%
- Overload- 0.0%
- Planned Work- 77.5%
- Trees- 12.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	102.02
10.) 2023 SAIDI	180.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2023 SAIFI	0.67

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0050
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Fountaine Rd & Ridge Way Rd. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 991
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.0%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 90.0%
- Trees- 3.1%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.61
10.) 2023 SAIDI	91.99
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2023 SAIFI	0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0051
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd & Viley Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,153
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/09/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 86.8%
- Trees- 10.1%
- Utility Equipment- 3.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	68.39
10.) 2023 SAIDI	141.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.79
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0053
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd. - West of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 128
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 9.1%
- Trees- 90.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.23
10.) 2023 SAIDI	14.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2023 SAIFI	0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HAEFLING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1555 Baunmann Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0055
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Fairman Rd & Leestown Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,354
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/14/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.1%
- Overload- 0.0%
- Planned Work- 81.5%
- Trees- 0.6%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.32
10.) 2023 SAIDI	72.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2023 SAIFI	0.96

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0056
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lochness Dr. & New Circle Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,556
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/06/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 79.2%
- Trees- 16.7%
- Utility Equipment- 1.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	81.21
10.) 2023 SAIDI	107.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.22
12.) 2023 SAIFI	1.41

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0062
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mason Headley Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 293
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/11/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 97.1%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.1%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 82.71
- 10.) **2023 SAIDI** 83.30
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.81
- 12.) **2023 SAIFI** 0.79

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUGHES LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 251 Hughes Ln. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0063
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - US 27 & 68 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 230
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.7%
- Overload- 0.0%
- Planned Work- 77.2%
- Trees- 0.2%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 249.64
- 10.) **2023 SAIDI** 263.19
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.81
- 12.) **2023 SAIFI** 0.75

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0069
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lowry Ln. & Nicholasville Rd. - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 847
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 95.4%
- Trees- 3.0%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.19
10.) 2023 SAIDI	56.30
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.32
12.) 2023 SAIFI	0.35

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILSON DOWNING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 680 Wilson Downing Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0072
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd & Trent Blvd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,338
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 1.4%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 38.2%
- Trees- 56.7%
- Utility Equipment- 2.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.72
- 10.) **2023 SAIDI** 53.96
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2023 SAIFI** 0.64

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** WILSON DOWNING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 680 Wilson Downing Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0073
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Wilson Downing Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,085
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 10.6%
- Overload- 0.0%
- Planned Work- 80.6%
- Trees- 6.4%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	80.32
10.) 2023 SAIDI	95.19
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	0.57

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0074
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,345
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 97.5%
- Trees- 0.8%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.83
10.) 2023 SAIDI	149.80
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	1.28

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TRAFTON AVENUE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0079
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Red Mile Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,336
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 13.5%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 84.2%
- Trees- 1.2%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.81
10.) 2023 SAIDI	115.94
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2023 SAIFI	0.70

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0083
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Versailles Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 285
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 89.6%
- Trees- 9.4%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	94.76
10.) 2023 SAIDI	142.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.83
12.) 2023 SAIFI	1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BELT LINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1090 W. New Circle Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0086
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circule Rd & New Town Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 157
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 46.3%
- Utility Equipment- 53.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.52
10.) 2023 SAIDI	96.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	0.46

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TRAFTON AVENUE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0088
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Dunkirk Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,655
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/25/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.2%
- Other/Unknown- 42.8%
- Overload- 0.0%
- Planned Work- 55.9%
- Trees- 0.5%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.03
- 10.) **2023 SAIDI** 61.42
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.54
- 12.) **2023 SAIFI** 0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** AMERICAN AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 96 Burley Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0090
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Stanley Ave. & Waller Ave. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 221
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 55.9%
- Overload- 0.0%
- Planned Work- 44.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.19
- 10.) **2023 SAIDI** 34.01
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19
- 12.) **2023 SAIFI** 0.18

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2125 Liberty Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0091
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Liberty Rd. & Winchester Rd. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,725
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/29/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 99.6%
- Trees- 0.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 70.72

10.) **2023 SAIDI** 48.56

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.56

12.) **2023 SAIFI** 0.78

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2125 Liberty Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0092
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circule Rd. & Winchester Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,469
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 30.1%
- Trees- 31.6%
- Utility Equipment- 35.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.53
- 10.) **2023 SAIDI** 36.16
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70
- 12.) **2023 SAIFI** 0.91

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** G E LAMP WORKS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1809 Edision Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0094
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Edision Dr. & Bob O Link Dr. - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 2.1%
- Non-Company- 0.0%
- Other/Unknown- 59.3%
- Overload- 0.0%
- Planned Work- 32.4%
- Trees- 5.3%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.35
10.) 2023 SAIDI	85.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
12.) 2023 SAIFI	0.83

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0096
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd & Southview Dr - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,295
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/03/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 87.6%
- Trees- 12.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	155.42
10.) 2023 SAIDI	160.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.90
12.) 2023 SAIFI	0.41
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0097
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - W New Circle Rd & Harrodsburg Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,134
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 98.1%
- Trees- 1.3%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.15
10.) 2023 SAIDI	28.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2023 SAIFI	1.18

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0100
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Parkers Mill Rd & Alexandria Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,746
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 45.5%
- Overload- 0.0%
- Planned Work- 53.2%
- Trees- 0.9%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.59
10.) 2023 SAIDI	74.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
12.) 2023 SAIFI	1.58

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0102
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mall Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 614
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 14.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 18.9%
- Overload- 0.0%
- Planned Work- 67.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	2.87
10.) 2023 SAIDI	8.88
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2023 SAIFI	0.02

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DONERAIL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 4601 Old Iron Works Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0105
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Iron Works Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 58.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 486
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 2.8%
- Overload- 0.0%
- Planned Work- 94.7%
- Trees- 1.4%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 251.91
- 10.) **2023 SAIDI** 263.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.58
- 12.) **2023 SAIFI** 1.47

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** IBM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 740 W New Circle Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0110
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Russell Cave Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,098
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 93.6%
- Overload- 0.0%
- Planned Work- 2.5%
- Trees- 2.9%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.63
10.) 2023 SAIDI	60.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2023 SAIFI	0.39
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0112
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Della Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,602
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/11/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.7%
- Overload- 0.0%
- Planned Work- 87.5%
- Trees- 3.4%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	106.98
10.) 2023 SAIDI	232.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
12.) 2023 SAIFI	1.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0115
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Alexandria Rd & Leestown Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 21
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/17/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.33

10.) **2023 SAIDI** 50.09

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.27

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0116
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Alexandria Rd. & Old Frankfort Rd. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 31.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 323
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/17/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.2%
- Trees- 1.0%
- Utility Equipment- 97.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.05
10.) 2023 SAIDI	101.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	1.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANSDOWNE SWITCHING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3200 Montavesta Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0118
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd. & Chinoe Rd. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,100
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.3%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 45.0%
- Trees- 41.8%
- Utility Equipment- 9.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	51.10
10.) 2023 SAIDI	68.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
12.) 2023 SAIFI	1.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** VINE STREET 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - Vine St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0125
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Vine, Upper & Limestone St. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,679
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.3%
- Overload- 0.0%
- Planned Work- 80.2%
- Trees- 0.0%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.54
10.) 2023 SAIDI	84.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.54
12.) 2023 SAIFI	1.07

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LOUDON AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 811 E Loudon Ave - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0127
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Floyd Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,309
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 71.5%
- Trees- 17.4%
- Utility Equipment- 9.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.61
- 10.) **2023 SAIDI** 54.08
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.58
- 12.) **2023 SAIFI** 1.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0130
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,220
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 6.6%
- Overload- 0.0%
- Planned Work- 81.3%
- Trees- 9.2%
- Utility Equipment- 2.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.27

10.) **2023 SAIDI** 202.61

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.65

12.) **2023 SAIFI** 1.69

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** LAKESHORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0135
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd & Man O War Blvd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,592
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.1%
- Lightning- 1.8%
- Non-Company- 0.0%
- Other/Unknown- 3.4%
- Overload- 0.0%
- Planned Work- 83.5%
- Trees- 10.5%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	48.87
10.) 2023 SAIDI	71.74
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2023 SAIFI	0.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 420 Corral St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0139
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Midland Ave. , Mian St. & water St. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.19

10.) **2023 SAIDI** 190.41

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.38

12.) **2023 SAIFI** 1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** IBM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 740 W New Circle Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0140
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Newtown Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 987
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.8%
- Non-Company- 0.0%
- Other/Unknown- 7.3%
- Overload- 0.0%
- Planned Work- 86.0%
- Trees- 0.3%
- Utility Equipment- 2.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.35
- 10.) **2023 SAIDI** 113.21
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.27
- 12.) **2023 SAIFI** 0.27

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND PIPE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0142
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,796
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 48.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 32.3%
- Trees- 14.2%
- Utility Equipment- 4.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.28

10.) **2023 SAIDI** 29.93

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.17

12.) **2023 SAIFI** 0.16

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AMERICAN AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 96 Burley Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0144
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Broadway - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 563
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 16.4%
- Construction- 0.0%
- Lightning- 19.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 49.6%
- Trees- 14.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	16.56
10.) 2023 SAIDI	23.30
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAYS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 4454 Clays Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0148
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Weber Way - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,104
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 95.2%
- Trees- 4.0%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 81.99

10.) **2023 SAIDI** **77.77**

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75

12.) **2023 SAIFI** **1.81**

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0149
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Man O War Blvd & Liberty Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,407
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 0.0%
- Utility Equipment- 99.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.45
10.) 2023 SAIDI	12.06
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2023 SAIFI	0.09
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0150
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Maple Leaf Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 60
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	0.04
10.) 2023 SAIDI	0.18
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.00
12.) 2023 SAIFI	0.02

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STANFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 746 KY Highway 78 - Hustonville
- 3.) **CIRCUIT NAME AND NUMBER** 0154
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hustonville - KY Highway 78 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 53.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 20.9%
- Overload- 0.0%
- Planned Work- 76.4%
- Trees- 2.2%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	70.85
10.) 2023 SAIDI	77.19
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.13
12.) 2023 SAIFI	2.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STANFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 746 KY Highway 78 - Stanford
- 3.) **CIRCUIT NAME AND NUMBER** 0155
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stanford - KY Highway 78 & US Highway 27 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/11/2018
- 8.) **2023 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.4%

Non-Company- 0.0%

Other/Unknown- 11.6%

Overload- 0.0%

Planned Work- 3.4%

Trees- 84.5%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		48.89
10.) 2023 SAIDI		95.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.42
12.) 2023 SAIFI		1.10

- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
- Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0158
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - St Joseph Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 450
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 24.5%
- Overload- 0.0%
- Planned Work- 69.1%
- Trees- 0.3%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.00
10.) 2023 SAIDI	56.52
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2023 SAIFI	0.19
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0159
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Leestown Rd & Masterson Station - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,140
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/17/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 0.0%
- Planned Work- 88.5%
- Trees- 6.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 40.92
- 10.) **2023 SAIDI** 29.50
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.29
- 12.) **2023 SAIFI** 0.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE 1 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 494 S 4TH ST - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0161
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - 2nd St - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 153
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 6.6%
- Non-Company- 0.0%
- Other/Unknown- 34.2%
- Overload- 0.0%
- Planned Work- 49.1%
- Trees- 1.4%
- Utility Equipment- 8.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	4.86
10.) 2023 SAIDI	10.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.06
12.) 2023 SAIFI	0.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE 1 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 494 S 4TH ST - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0162
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - 4th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,293
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 5.8%
- Overload- 1.1%
- Planned Work- 86.3%
- Trees- 6.4%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.96
10.) 2023 SAIDI	95.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2023 SAIFI	1.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** GARRARD CT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 388 Kemper Lane - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 0165
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - primary meter outside sub - W of substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary
- 8.) **2023 OUTAGES BY CAUSE**

- Animal- 100.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	242.72
10.) 2023 SAIDI	728.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.67
12.) 2023 SAIFI	2.00

- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1353 Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0166
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - 0.46 miles NW out of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 66.1%
- Overload- 0.0%
- Planned Work- 10.9%
- Trees- 23.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.19
10.) 2023 SAIDI	126.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.52
12.) 2023 SAIFI	2.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1353 Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0167
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Lebanon Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 22
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.61
- 10.) **2023 SAIDI** 18.56
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15
- 12.) **2023 SAIFI** 0.04

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1353 Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0169
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Danville Bypass - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 87.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	4.43
10.) 2023 SAIDI	22.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2023 SAIFI	0.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0187
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - High St. - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,003
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.9%
- Other/Unknown- 44.8%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 33.3%
- Utility Equipment- 17.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.53
10.) 2023 SAIDI	33.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.16
12.) 2023 SAIFI	0.26

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUME ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2319 Hume Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0194
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester Rd, Sir Barton Way, Executive Dr, & Elkhorn Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 320
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 32.0%
- Other/Unknown- 3.3%
- Overload- 0.0%
- Planned Work- 61.5%
- Trees- 0.0%
- Utility Equipment- 3.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 126.59
- 10.) **2023 SAIDI** 123.73
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89
- 12.) **2023 SAIFI** 1.88

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0198
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Clays Mill Rd and Pasadena Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 904
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/03/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 70.8%
- Trees- 29.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 62.59

10.) **2023 SAIDI** 122.01

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.31

12.) **2023 SAIFI** 0.46

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** LONDON 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Near corner of Foster Heights & Substation Rd - London
- 3.) **CIRCUIT NAME AND NUMBER** 0205
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - S & N on McWhorter Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 40.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,879
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 1.5%
- Lightning- 0.0%
- Non-Company- 0.4%
- Other/Unknown- 33.4%
- Overload- 0.0%
- Planned Work- 47.0%
- Trees- 16.3%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	91.29
10.) 2023 SAIDI	97.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.51
12.) 2023 SAIFI	1.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 2255 Saint Mary's Rd - St Mary
- 3.) **CIRCUIT NAME AND NUMBER** 0218
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St Mary - Sait Mary's Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 141
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 7.6%
- Construction- 0.0%
- Lightning- 3.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 87.3%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.56
10.) 2023 SAIDI	13.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MACKVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washington - 4685 Texas Rd - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 0220
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - Texas Mackville Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 132
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 83.9%
- Trees- 14.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	139.20
10.) 2023 SAIDI	275.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2023 SAIFI	1.20

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILLIAMSBURG SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - Corner of Savoy Clear Creek Rd and Railroad Tracks East of I75 - Williamsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0226
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - Highway 25 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,202
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 51.7%
- Trees- 43.8%
- Utility Equipment- 3.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.03
- 10.) **2023 SAIDI** 101.92
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73
- 12.) **2023 SAIFI** 0.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** WILLIAMSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - Corner of 2nd and 3rd St - Williamsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0236
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - 2nd St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.29

10.) **2023 SAIDI** 8.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10

12.) **2023 SAIFI** 0.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANCHESTER SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - 530 Muddy Gap Rd - Manchester
- 3.) **CIRCUIT NAME AND NUMBER** 0253
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Manchester - US HWY 421 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 564
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.3%
- Planned Work- 83.1%
- Trees- 5.0%
- Utility Equipment- 10.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.94
- 10.) **2023 SAIDI** 28.40
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.57
- 12.) **2023 SAIFI** 0.80

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GARRARD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - N End of Crawford Isom Rd - Manchester
- 3.) **CIRCUIT NAME AND NUMBER** 0257
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Manchester - End of Crawford Isom Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 19
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 100.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	80.66
10.) 2023 SAIDI	157.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORBIN EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0275
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - Barbourville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 862
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.2%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 83.2%
- Trees- 14.8%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	75.51
10.) 2023 SAIDI	94.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2023 SAIFI	0.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORBIN EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0277
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - State HWY 1232 & Hancock - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 734
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 23.6%
- Non-Company- 23.3%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 50.1%
- Trees- 1.1%
- Utility Equipment- 1.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	101.73
10.) 2023 SAIDI	209.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2023 SAIFI	1.16

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORBIN US STEEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - S Woodbine Ave off HWY 830 - Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0288
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - 0.15 miles E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 396
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 28.1%
- Construction- 0.0%
- Lightning- 3.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 31.2%
- Trees- 10.3%
- Utility Equipment- 27.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	126.09
10.) 2023 SAIDI	173.34
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.99
12.) 2023 SAIFI	1.38

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORBIN US STEEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - S Woodbine Ave off HWY 830 - Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0289
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - S Main St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 59.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 40.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.57

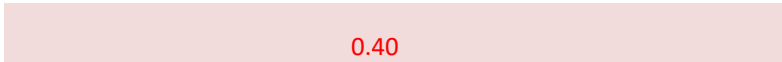
10.) **2023 SAIDI**



11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**

0.08

12.) **2023 SAIFI**



13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUME ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2319 Hume Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0295
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 85
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 6.5%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 88.9%
- Trees- 1.2%
- Utility Equipment- 2.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	355.15
10.) 2023 SAIDI	551.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.19
12.) 2023 SAIFI	7.29

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PINEVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of E Park Ave and Maple St - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0300
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - Park Ave - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 316
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 2.3%
- Other/Unknown- 2.2%
- Overload- 0.0%
- Planned Work- 82.9%
- Trees- 12.2%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.30
10.) 2023 SAIDI	63.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
12.) 2023 SAIFI	0.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CROCKETT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - On HWY 66 across the street from Chaz Coal Co - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0304
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 129
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/06/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.3%
- Overload- 0.0%
- Planned Work- 82.1%
- Trees- 13.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	835.09
10.) 2023 SAIDI	1471.79
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	3.98
12.) 2023 SAIFI	6.86

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CALLOWAY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Hwy 119 - Calloway
- 3.) **CIRCUIT NAME AND NUMBER** 0312
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Calloway - US HWY 119 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 329
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.8%
- Overload- 0.0%
- Planned Work- 67.3%
- Trees- 19.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 610.49
- 10.) **2023 SAIDI** 418.70
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.76
- 12.) **2023 SAIFI** 2.94

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STINKING CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - Corner of New US HWY 25 E and HWY 930 - Barbourville
- 3.) **CIRCUIT NAME AND NUMBER** 0313
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barbourville - US HWY 25E - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 37.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 834
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 10.4%
- Construction- 0.0%
- Lightning- 3.7%
- Non-Company- 0.0%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 7.1%
- Trees- 77.9%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 259.42
- 10.) **2023 SAIDI** 209.80
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.55
- 12.) **2023 SAIFI** 2.71

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MILL CREEK - KU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - 5539 HWY 221 Kettle Island - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0315
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - Martha Lock Branch Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 336
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.5%
- Overload- 0.0%
- Planned Work- 39.2%
- Trees- 19.4%
- Utility Equipment- 26.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	128.11
10.) 2023 SAIDI	136.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.11
12.) 2023 SAIFI	1.34

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DEER BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - HWY 66 0.5 miles S of Buffalo Hollow Rd, 7.5 miles N of HWY 221 - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0319
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 226
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/01/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 2.1%
- Non-Company- 0.0%
- Other/Unknown- 19.8%
- Overload- 0.0%
- Planned Work- 10.4%
- Trees- 41.7%
- Utility Equipment- 25.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 359.38

10.) **2023 SAIDI** 248.87

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.32

12.) **2023 SAIFI** 2.87

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** PUCKETT CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - 5627 E HWY 72 Pathfork - Alva
- 3.) **CIRCUIT NAME AND NUMBER** 0322
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Alva - E Highway 72 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 288
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 35.9%
- Trees- 27.0%
- Utility Equipment- 33.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.30
- 10.) **2023 SAIDI** 38.80
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.76
- 12.) **2023 SAIFI** 1.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRUSH CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - HWY 225 Kay Jay Road - Barbourville
- 3.) **CIRCUIT NAME AND NUMBER** 0323
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Trosper - State HWY 225 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 32
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.9%
- Trees- 0.0%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 328.66
- 10.) **2023 SAIDI** 512.71
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.22
- 12.) **2023 SAIFI** 1.03

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAR TRACK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lee Ky - 584 New Yellow Rock Rd - Beattyville
- 3.) **CIRCUIT NAME AND NUMBER** 0333
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beattyville - New Yellow Rock Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 77
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.0%
- Trees- 0.4%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 311.11

10.) **2023 SAIDI** 437.58

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.22

12.) **2023 SAIFI** 1.12

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OKONITE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1742 Berea Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 0334
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Battlefield Memorial Rd & Berea Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,252
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 18.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 22.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 59.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.82
- 10.) **2023 SAIDI** 34.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.54
- 12.) **2023 SAIFI** 0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OKONITE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1742 Berea Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 0335
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Industry Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 100.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.28
10.) 2023 SAIDI	42.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DARK HOLLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 37 Dark Hollow Rd - Red Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0337
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Red Lick - Richmond Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 537
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 32.5%
- Trees- 66.6%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.85
10.) 2023 SAIDI	133.63
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2023 SAIFI	0.55

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0350
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Dorchester Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 448
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/25/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 9.5%
- Other/Unknown- 65.8%
- Overload- 0.0%
- Planned Work- 11.7%
- Trees- 11.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.39

10.) **2023 SAIDI** 133.24

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.39

12.) **2023 SAIFI** 1.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0351
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Dorchester Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 654
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 17.5%
- Other/Unknown- 15.4%
- Overload- 0.0%
- Planned Work- 14.8%
- Trees- 16.3%
- Utility Equipment- 33.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 29.81

10.) **2023 SAIDI** 30.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61

12.) **2023 SAIFI** 0.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0365
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 12th St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 477
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.5%
- Other/Unknown- 2.2%
- Overload- 0.0%
- Planned Work- 18.1%
- Trees- 32.1%
- Utility Equipment- 44.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	41.72
10.) 2023 SAIDI	85.24
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.41
12.) 2023 SAIFI	0.81

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0367
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 19th St - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 518
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 58.2%
- Overload- 0.0%
- Planned Work- 27.3%
- Trees- 10.1%
- Utility Equipment- 3.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.48

10.) **2023 SAIDI** 123.86

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.71

12.) **2023 SAIFI** 0.74

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0370
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 19th St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 690
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.2%
- Overload- 0.0%
- Planned Work- 72.1%
- Trees- 2.8%
- Utility Equipment- 21.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.91

10.) **2023 SAIDI** 81.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.51

12.) **2023 SAIFI** 0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0371
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 19th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 163
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 73.8%
- Overload- 0.0%
- Planned Work- 5.4%
- Trees- 19.0%
- Utility Equipment- 1.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.39
10.) 2023 SAIDI	60.41
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2023 SAIFI	0.56

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0372
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Lynnwood Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 498
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 5.6%
- Overload- 0.0%
- Planned Work- 91.7%
- Trees- 1.7%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.89
10.) 2023 SAIDI	110.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2023 SAIFI	0.77

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TRAFTON AVENUE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0404
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Old Frankfort Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 154
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 56.5%
- Trees- 16.6%
- Utility Equipment- 24.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.10

10.) **2023 SAIDI** 46.79

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46

12.) **2023 SAIFI** 1.16

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORKS OF ELKHORN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 3286 Georgetown Rd - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0405
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Switzer Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 687
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 80.1%
- Trees- 16.4%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 103.85

10.) **2023 SAIDI** 81.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.25

12.) **2023 SAIFI** 2.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORKS OF ELKHORN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 3286 Georgetown Rd - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Old Grand Dad Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	108.14
10.) 2023 SAIDI	134.63
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Corner of River St and Rain St - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 0409
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - Clover St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 259
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/11/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 92.9%
- Overload- 0.0%
- Planned Work- 7.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	62.20
10.) 2023 SAIDI	154.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	0.86

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Completed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** HOOVER 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 3 Quality Dr - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0410
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Showalter Dr & McClelland Blvd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,316
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/06/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 3.2%
- Trees- 44.8%
- Utility Equipment- 50.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.60
10.) 2023 SAIDI	64.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.15
12.) 2023 SAIFI	4.37

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN WYE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 0413
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 Bypass - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 639
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.4%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 32.3%
- Trees- 64.5%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.24

10.) **2023 SAIDI** 84.13

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.78

12.) **2023 SAIFI** 0.41

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** KENTENIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Near HWY 219 on Meadow Creek Ln (Wilson Ln) - Wallins Creek
- 3.) **CIRCUIT NAME AND NUMBER** 0422
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wallins Creek - HWY 219 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 44.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,064
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/07/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 70.5%
- Trees- 28.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 196.18
- 10.) **2023 SAIDI** 227.14
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.64
- 12.) **2023 SAIFI** 1.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** GEORGETOWN 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 207 W Clinton St - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0426
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - N Broadway St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,704
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 38.5%
- Trees- 58.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.08

10.) **2023 SAIDI** 73.54

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.44

12.) **2023 SAIFI** 0.37

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** NEWTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 5849 Paris Pike - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0430
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - US 460 Pike - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 68.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 806
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 30.6%
- Overload- 0.0%
- Planned Work- 63.3%
- Trees- 1.2%
- Utility Equipment- 4.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.82

10.) **2023 SAIDI**

216.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40

12.) **2023 SAIFI**

1.04

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEMONS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 125 Carley Ct - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0442
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Holmes Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 57
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 100.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	0.91
10.) 2023 SAIDI	1.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
12.) 2023 SAIFI	0.03

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ADAMS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott - 900 W Main St - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0452
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Paynes Depot Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 43.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,548
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 2.5%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 91.0%
- Trees- 4.4%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.38
- 10.) **2023 SAIDI** 26.93
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19
- 12.) **2023 SAIFI** 0.31

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ADAMS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott - 900 W Main St - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0453
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown Rd - Frankfort Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,628
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 11.8%
- Non-Company- 0.0%
- Other/Unknown- 40.7%
- Overload- 0.0%
- Planned Work- 23.3%
- Trees- 12.0%
- Utility Equipment- 12.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	105.81
10.) 2023 SAIDI	272.80
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.67
12.) 2023 SAIFI	1.02

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TOTZ
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 119 about 1/4 miles S on unnamed Rd on W side of Loop Dione
- 3.) **CIRCUIT NAME AND NUMBER** 0468
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Poor Fork - N US HWY 119 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 66
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 82.5%
- Trees- 14.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 309.55

10.) **2023 SAIDI** 306.71

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.98

12.) **2023 SAIFI** 2.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHADRACK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 74 Bethel Ln - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0475
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - US HWY 127 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 47.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 580
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 11.8%
- Trees- 78.6%
- Utility Equipment- 8.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.57
10.) 2023 SAIDI	99.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
12.) 2023 SAIFI	0.61

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHADRACK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 74 Bethel Ln - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - S on US HWY 127 & N on Peaks Mill Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 57.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 699
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 95.7%
- Trees- 3.5%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	119.63
10.) 2023 SAIDI	153.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.98
12.) 2023 SAIFI	1.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HIGH SPLINT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Gano St South of KY 38 - Highsplint
- 3.) **CIRCUIT NAME AND NUMBER** 0483
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Highsplint - Gano St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/06/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 4.9%
- Other/Unknown- 27.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 68.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	203.67
10.) 2023 SAIDI	401.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.40
12.) 2023 SAIFI	3.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ROBBINS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - E of 15537 Hwy 38 - Upper Clover
- 3.) **CIRCUIT NAME AND NUMBER** 0487
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Upper Clover - Highway 38 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 220
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 5.0%
- Overload- 0.0%
- Planned Work- 86.0%
- Trees- 8.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	262.92	
10.) 2023 SAIDI	430.23	
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.64	
12.) 2023 SAIFI	3.26	

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HOLMES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - 1/4 mile E of 25511 HWY 38 - Upper Clover
- 3.) **CIRCUIT NAME AND NUMBER** 0491
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Upper Clover - Highway 38 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 189
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/13/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 53.5%
- Overload- 0.0%
- Planned Work- 45.1%
- Trees- 1.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 304.25

10.) **2023 SAIDI** 771.83

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.53

12.) **2023 SAIFI** 2.62

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAYS BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Off of State Route 38 - Holmes Mill
- 3.) **CIRCUIT NAME AND NUMBER** 0493
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Holmes Mill - Off of State Route 38 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary
- 8.) **2023 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 38.6%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 61.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 288.63

10.) **2023 SAIDI**

664.45

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**

0.60

12.) **2023 SAIFI**

2.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BAILEY CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Tyree Ln - Evarts
- 3.) **CIRCUIT NAME AND NUMBER** 0495
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Evarts - Tyree Ln, Hwy 38, & Bailey Creek Rd – W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 286
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 78.7%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 5.8%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	246.31
10.) 2023 SAIDI	252.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.51
12.) 2023 SAIFI	2.29

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALEXANDER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2915 Troy Pike - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Woodford South - Troy Pike - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 8.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 67.3%
- Trees- 7.2%
- Utility Equipment- 16.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	67.87
10.) 2023 SAIDI	164.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2023 SAIFI	1.61

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDWAY 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 860 Weisenburger Rd - Midway
- 3.) **CIRCUIT NAME AND NUMBER** 0503
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Midway - Weisenberger Mill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 803
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.1%
- Lightning- 4.6%
- Non-Company- 0.0%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 81.9%
- Trees- 4.9%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 150.39
- 10.) **2023 SAIDI** 136.84
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.01
- 12.) **2023 SAIFI** 1.56

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES BYPASS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 350 Markham Dr - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0507
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Big Sink Rd & Lexington Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 51.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,093
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 34.6%
- Overload- 0.0%
- Planned Work- 59.5%
- Trees- 3.1%
- Utility Equipment- 2.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 103.47

10.) **2023 SAIDI** 131.61

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05

12.) **2023 SAIFI** 1.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES BYPASS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 350 Markham Dr - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0509
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Frankfort Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 136.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,004
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 1.1%
- Non-Company- 0.1%
- Other/Unknown- 25.0%
- Overload- 0.1%
- Planned Work- 68.6%
- Trees- 4.4%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	174.21
10.) 2023 SAIDI	355.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.93
12.) 2023 SAIFI	1.94

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES BYPASS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 350 Markham Dr - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0510
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Kuhlman Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 35
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/02/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 96.2%
- Trees- 0.0%
- Utility Equipment- 3.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.90
10.) 2023 SAIDI	28.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2023 SAIFI	0.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES BYPASS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 350 Markham Dr - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0511
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - 0.28 miles E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/02/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 100.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.31
- 10.) **2023 SAIDI** 9.71
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15
- 12.) **2023 SAIFI** 0.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 115 Rutter Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0512
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Tyrone Pike - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,119
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 2.2%
- Overload- 0.0%
- Planned Work- 95.4%
- Trees- 0.5%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 74.47
- 10.) **2023 SAIDI** 87.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.72
- 12.) **2023 SAIFI** 0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 115 Rutter Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0513
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Clifton Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 943
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 88.4%
- Trees- 2.4%
- Utility Equipment- 8.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.45
- 10.) **2023 SAIDI** 53.48
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.54
- 12.) **2023 SAIFI** 0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALEXANDER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2915 Troy Pike - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0515
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - N & S on McCowans Ferry Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 50.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,546
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 4.0%
- Non-Company- 0.0%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 80.8%
- Trees- 10.3%
- Utility Equipment- 3.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	105.14
10.) 2023 SAIDI	126.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.35
12.) 2023 SAIFI	1.62

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDWAY 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 860 Weisenburger Rd - Midway
- 3.) **CIRCUIT NAME AND NUMBER** 0516
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Midway - State HWY 341 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 575
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/13/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 12.9%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 81.7%
- Trees- 0.5%
- Utility Equipment- 3.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.89
- 10.) **2023 SAIDI** 15.19
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.26
- 12.) **2023 SAIFI** 0.27

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAYNES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 221 Paynes Mill Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0517
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Lexington Rd, Crossfield Dr, Kroger Way - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 92.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 7.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.23
10.) 2023 SAIDI	10.24
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2023 SAIFI	0.12

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAYNES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 221 Paynes Mill Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0519
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Lexington Rd, Methodist Home, Paynes Mill Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 140
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 96.8%
- Trees- 2.6%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	113.38
10.) 2023 SAIDI	221.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2023 SAIFI	0.91

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 144 Railroad Dr - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0521
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - S Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 391
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/15/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 99.1%
- Trees- 0.0%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.10
10.) 2023 SAIDI	76.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2023 SAIFI	0.62

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SCIENCE HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 45 E HWY 635 neat the intersection of E hWY 635 and Maple Ln - Science Hill
- 3.) **CIRCUIT NAME AND NUMBER** 0528
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Science Hill - E on HWY 635 and S on HWY 1247
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 583
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/25/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.3%
- Lightning- 2.3%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 93.4%
- Trees- 1.5%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.31
- 10.) **2023 SAIDI** 35.44
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36
- 12.) **2023 SAIFI** 0.28

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DENHAM STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 114 Adams St - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0531
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Monticello St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 199
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 4.8%
- Construction- 0.0%
- Lightning- 1.8%
- Non-Company- 0.0%
- Other/Unknown- 14.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 70.5%
- Utility Equipment- 8.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.77
10.) 2023 SAIDI	15.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAITSBORO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 676 Old Monticello Rd at W Summitt Dr just W of HWY 27 - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0534
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Old Monticello Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 477
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/09/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 6.8%
- Non-Company- 0.8%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 83.4%
- Trees- 6.2%
- Utility Equipment- 2.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.21
10.) 2023 SAIDI	40.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2023 SAIFI	0.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 3084 S HWY 27 S of Monticello Rd - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0542
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - HWY 27 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 280
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 41.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 58.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.01
10.) 2023 SAIDI	114.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2023 SAIFI	1.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 3084 S HWY 27 S of Monticello Rd - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0543
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Monticello St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 216
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 99.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.62
10.) 2023 SAIDI	148.91
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2023 SAIFI	1.10

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BURNSIDE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - S Hwy 27 - Burnside
- 3.) **CIRCUIT NAME AND NUMBER** 0545
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burnside - HWY 27 & Old 27 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 201
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 99.0%
- Trees- 0.0%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	118.69
10.) 2023 SAIDI	342.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
12.) 2023 SAIFI	1.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAYNESBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg
- 3.) **CIRCUIT NAME AND NUMBER** 0546
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waynesburg - KY HWY 1247 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 265
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/04/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 7.4%
- Overload- 0.0%
- Planned Work- 3.4%
- Trees- 0.0%
- Utility Equipment- 89.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 162.08

10.) **2023 SAIDI** 128.58

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.81

12.) **2023 SAIFI** 1.04

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER WATER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 335 Waterworks Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0555
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Boonesboro Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 269
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 43.8%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 42.2%
- Trees- 9.2%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.65
10.) 2023 SAIDI	109.73
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.52
12.) 2023 SAIFI	0.85

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANIEL BOONE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 500 Daniel Boone Rd - Nortonville
- 3.) **CIRCUIT NAME AND NUMBER** 0557
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - Dan Boone Rd, Squire Rd, Hwy 62 - NW&SE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 133
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.1%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 5.1%
- Trees- 0.2%
- Utility Equipment- 89.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	127.62
10.) 2023 SAIDI	551.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2023 SAIFI	1.47

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHUN PIKE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 1201 Short Shun Rd Nicholasville
- 3.) **CIRCUIT NAME AND NUMBER** 0580
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nicholasville - N & S on Nicholasville Bypass
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,405
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.5%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 86.5%
- Trees- 10.8%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.29
- 10.) **2023 SAIDI** 68.29
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.91
- 12.) **2023 SAIFI** 1.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILMORE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 210 W Linden St - Wilmore
- 3.) **CIRCUIT NAME AND NUMBER** 0588
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wilmore - Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.36
10.) 2023 SAIDI	18.72
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2023 SAIFI	0.23

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** INNOVATION DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0592
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Georgetown Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 942
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.3%
- Overload- 0.0%
- Planned Work- 3.4%
- Trees- 15.7%
- Utility Equipment- 69.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	52.60
10.) 2023 SAIDI	89.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** INNOVATION DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0594
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Greendale Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,771
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 99.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 0.88

10.) **2023 SAIDI** 0.33

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.01

12.) **2023 SAIFI** 0.01

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT STERLING 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery 346 Calk Ave - Mount Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0601
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - 686 Bypass - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,359
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 4.2%
- Overload- 0.0%
- Planned Work- 86.2%
- Trees- 8.3%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.05
- 10.) **2023 SAIDI** 18.88
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23
- 12.) **2023 SAIFI** 0.32

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT STERLING 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery 346 Calk Ave - Mount Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0602
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - Richmond Ave - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 384
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 1.5%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 0.0%
- Utility Equipment- 96.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.23
10.) 2023 SAIDI	26.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2023 SAIFI	0.18

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMARGO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 555 S Queen St - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0604
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - US 460 HWY - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 636
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.1%
- Lightning- 23.4%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 74.8%
- Trees- 0.1%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.09
10.) 2023 SAIDI	120.88
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2023 SAIFI	1.03

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMARGO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 555 S Queen St - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0605
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - 686 Bypass & Spencer Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,326
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 10.1%
- Overload- 0.0%
- Planned Work- 48.8%
- Trees- 0.5%
- Utility Equipment- 39.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.17
10.) 2023 SAIDI	31.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2023 SAIFI	0.79

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** A O SMITH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 1871 Owingsville Rd - Mt. Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0606
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - Owingsville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 25
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/21/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 54.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 36.7%
- Utility Equipment- 8.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.01
10.) 2023 SAIDI	41.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.38
12.) 2023 SAIFI	0.46

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** OWINGSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville
- 3.) **CIRCUIT NAME AND NUMBER** 0610
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - Slate Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 474
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/24/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.2%
- Lightning- 2.3%
- Non-Company- 0.0%
- Other/Unknown- 14.5%
- Overload- 0.0%
- Planned Work- 36.5%
- Trees- 5.1%
- Utility Equipment- 41.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.74
- 10.) **2023 SAIDI** 34.27
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.51
- 12.) **2023 SAIFI** 0.59

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** OWINGSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville
- 3.) **CIRCUIT NAME AND NUMBER** 0611
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - W Main St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 722
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/24/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 4.1%
- Overload- 36.0%
- Planned Work- 32.6%
- Trees- 5.2%
- Utility Equipment- 20.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.30
10.) 2023 SAIDI	110.72
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2023 SAIFI	0.92

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALT LICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bath - 11457 US HWY 60 E - Salt Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0613
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salt Lick - US HWY 60 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 247
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 34.8%
- Trees- 64.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.79
- 10.) **2023 SAIDI** 98.17
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46
- 12.) **2023 SAIFI** 0.45

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** FARMERS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 6901 US 60 W - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0614
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - US HWY 60 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 139
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 24.1%
- Construction- 0.0%
- Lightning- 48.2%
- Non-Company- 0.0%
- Other/Unknown- 24.9%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.00
- 10.) **2023 SAIDI** 6.49
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2023 SAIFI** 0.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARMERS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 6901 US 60 W - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0615
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - US HWY 60 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 616
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.2%
- Overload- 0.0%
- Planned Work- 76.3%
- Trees- 3.7%
- Utility Equipment- 3.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.13
- 10.) **2023 SAIDI** 49.64
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.30
- 12.) **2023 SAIFI** 0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 133 Gregory Ct - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0616
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - US HWY 60 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 370
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 2.6%
- Non-Company- 0.0%
- Other/Unknown- 9.5%
- Overload- 0.0%
- Planned Work- 72.3%
- Trees- 3.7%
- Utility Equipment- 11.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	27.58
10.) 2023 SAIDI	63.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.34

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ROCKWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 5835 Rockwell Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0627
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - N & S on Van Meter Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,132
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/25/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 25.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 44.0%
- Trees- 23.9%
- Utility Equipment- 6.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.57

10.) **2023 SAIDI** 6.34

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.09

12.) **2023 SAIFI** 0.12

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 2 Almond St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0632
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - 1st St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 74
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 100.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.49
10.) 2023 SAIDI	12.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 105 Hood Ave - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0636
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Boone Ave & S Main St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 301
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 25.0%
- Overload- 0.0%
- Planned Work- 71.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	16.72
10.) 2023 SAIDI	28.84
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.14

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BOONE AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 660 Boone Ave. - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0640
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Main St, Hughes Ave, Muddy Creek Rd - E of Subs.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 439
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 15.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 75.8%
- Trees- 0.0%
- Utility Equipment- 8.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	23.06
10.) 2023 SAIDI	30.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2023 SAIFI	0.27
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER WATER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 335 Waterworks Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0641
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Old Boonesboro Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,093
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 19.2%
- Overload- 0.0%
- Planned Work- 74.2%
- Trees- 0.3%
- Utility Equipment- 4.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.32
10.) 2023 SAIDI	56.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2023 SAIFI	0.31

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 705 Tech Dr - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0644
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Rolling Hills Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 12
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 100.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.90
10.) 2023 SAIDI	5.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.04
12.) 2023 SAIFI	0.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 705 Tech Dr - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0649
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wnchester - Enterprise Dr - N NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 32.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 68.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.85
10.) 2023 SAIDI	29.24
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
12.) 2023 SAIFI	0.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STRINGTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 5995 Paradise Rd - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 0652
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Paradise Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 7
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 74.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 23.2%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 2.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.77

10.) **2023 SAIDI** 201.66

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27

12.) **2023 SAIFI** 1.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MUHLENBERG PRISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 1200 River Rd - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 0657
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Hwy 431, S R 81, & S Carrolton St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 48.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 702
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 3.1%
- Non-Company- 0.0%
- Other/Unknown- 6.3%
- Overload- 0.0%
- Planned Work- 65.6%
- Trees- 23.3%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.46
10.) 2023 SAIDI	60.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.72
12.) 2023 SAIFI	1.18

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMARGO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 555 S Queen St - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0659
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - US Hwy 460 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 47.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,057
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 34.5%
- Non-Company- 0.0%
- Other/Unknown- 19.2%
- Overload- 0.0%
- Planned Work- 36.0%
- Trees- 9.1%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 111.28
- 10.) **2023 SAIDI** 133.60
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.34
- 12.) **2023 SAIFI** 1.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIMMONS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 5798 US HWY 62 W - Centertown
- 3.) **CIRCUIT NAME AND NUMBER** 0698
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Centertown - US HWY 62 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 98.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	32.56
10.) 2023 SAIDI	162.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2023 SAIFI	0.85

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIMMONS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 5798 US HWY 62 W - Centertown
- 3.) **CIRCUIT NAME AND NUMBER** 0699
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Centertown - Midway Rd & US HWY 62 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 10.5%
- Non-Company- 0.0%
- Other/Unknown- 41.8%
- Overload- 0.0%
- Planned Work- 47.7%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 135.62
- 10.) **2023 SAIDI** 42.50
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50
- 12.) **2023 SAIFI** 1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 379 Turners Station Rd. - Campbellsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0703
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsburg - Hwy 193 & Webb Ln - W & E of Sub.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 52.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 945
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 90.6%
- Trees- 8.5%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.48
10.) 2023 SAIDI	50.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.86
12.) 2023 SAIFI	0.26
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 802 Mason St - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0704
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - 4th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 504
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.45

10.) **2023 SAIDI** 10.53

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.05

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 802 Mason St - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0708
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - 11th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 793
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 6.2%
- Trees- 12.5%
- Utility Equipment- 79.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 81.11

10.) **2023 SAIDI** 85.32

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75

12.) **2023 SAIFI** 0.70

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAYTON-WALTHER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 5220 Highway 42 E - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0710
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - D Rd & US HWY 42 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 49
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 100.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.70

10.) **2023 SAIDI** 130.15

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.72

12.) **2023 SAIFI** 1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GHENT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 402 Liberty - Ghent
- 3.) **CIRCUIT NAME AND NUMBER** 0717
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ghent - US HWY 42 - NE & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 290
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 5.0%
- Other/Unknown- 92.3%
- Overload- 0.0%
- Planned Work- 2.7%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	81.41
10.) 2023 SAIDI	125.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.78
12.) 2023 SAIFI	1.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUNTERS BOTTOM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Trimble - 400 Hunter Heights Rd - Milton
- 3.) **CIRCUIT NAME AND NUMBER** 0719
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Milton - N Spillman Lan, HWY 421 N - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 495
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 90.7%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 2.8%
- Utility Equipment- 4.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	129.43
10.) 2023 SAIDI	251.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.93
12.) 2023 SAIFI	0.85
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAWRENCE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 9255 HWY 55 - Campbellsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0720
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsburg - HWY 55, HWY 316 - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.20
- 10.) **2023 SAIDI** **23.66**
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.30
- 12.) **2023 SAIFI** **0.36**

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SCHOLLS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 970 HWY 127 N - Owenton
- 3.) **CIRCUIT NAME AND NUMBER** 0724
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owenton - HWY 127 N, State HWY 845 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 183
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 92.9%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 0.1%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.29
10.) 2023 SAIDI	7.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.05
12.) 2023 SAIFI	0.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SPARTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - RR 1 Box 136C - Sparta
- 3.) **CIRCUIT NAME AND NUMBER** 0730
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sparta - State HWY 467 - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 379
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/16/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 83.5%
- Trees- 13.8%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	169.59
10.) 2023 SAIDI	483.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.) 2023 SAIFI	1.87

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GHENT PLANT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 9486 HWY 42 E - Ghent
- 3.) **CIRCUIT NAME AND NUMBER** 0733
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ghent - US HWY 42 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 100.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.24

10.) **2023 SAIDI** 226.63

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.29

12.) **2023 SAIFI** 1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WARSAW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Gallatin - RR 1 Box 51 - Warsaw
- 3.) **CIRCUIT NAME AND NUMBER** 0734
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Warsaw - Smith Ave, Center Ave, E Main St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 446
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.6%
- Trees- 91.9%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.35
10.) 2023 SAIDI	94.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2023 SAIFI	0.72

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORGANFIELD 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 307 Rhea St - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 0746
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - Morton St, Brady St, SR 947, & Spring St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 565
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 34.3%
- Overload- 0.0%
- Planned Work- 63.8%
- Trees- 0.0%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.21

10.) **2023 SAIDI** 14.06

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10

12.) **2023 SAIFI** 0.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STANFORD NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 300 Lee Dr - Stanford
- 3.) **CIRCUIT NAME AND NUMBER** 0767
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stanford - US Hwy 27, E Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 585
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/16/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 35.1%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 63.7%
- Trees- 0.0%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.48

10.) **2023 SAIDI** 45.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.39

12.) **2023 SAIFI** 0.28

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BOONE AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 660 Boone Ave. - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0769
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Boone Ave, Harkins Ave, Skylark Dr- NW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,458
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/14/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 76.7%
- Trees- 4.8%
- Utility Equipment- 17.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.87
- 10.) **2023 SAIDI** 43.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83
- 12.) **2023 SAIFI** 0.51

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARIS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - 520 Scott Ave - Paris
- 3.) **CIRCUIT NAME AND NUMBER** 0795
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Paris - Clintonville Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,037
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 83.3%
- Overload- 0.0%
- Planned Work- 15.2%
- Trees- 0.1%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	130.99
10.) 2023 SAIDI	326.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.22
12.) 2023 SAIFI	1.05
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 235 Fowler Rd - Hanson
- 3.) **CIRCUIT NAME AND NUMBER** 0809
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - Hanson Rd, N Main, Hwy 1069, & University Circle Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 42
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 68.9%
- Trees- 28.1%
- Utility Equipment- 3.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	16.74
10.) 2023 SAIDI	34.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 235 Fowler Rd - Hanson
- 3.) **CIRCUIT NAME AND NUMBER** 0811
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - US HWY 41 & City of Hanson - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 618
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 7.4%
- Construction- 0.0%
- Lightning- 11.4%
- Non-Company- 0.0%
- Other/Unknown- 10.3%
- Overload- 0.0%
- Planned Work- 28.1%
- Trees- 6.9%
- Utility Equipment- 35.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	88.57
10.) 2023 SAIDI	99.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.05
12.) 2023 SAIFI	1.12

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CROSSROADS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 1340 Amanda Ln - Nortonville
- 3.) **CIRCUIT NAME AND NUMBER** 0812
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - Wells Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 72
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/13/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 8.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 89.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	63.87
10.) 2023 SAIDI	107.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.68
12.) 2023 SAIFI	1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DOZIER HEIGHTS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 200 Claire Ln - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0815
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Country Club Ln, US 41A - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 658
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/27/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 14.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 19.1%
- Overload- 0.0%
- Planned Work- 57.1%
- Trees- 0.4%
- Utility Equipment- 8.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	43.10
10.) 2023 SAIDI	138.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.71
12.) 2023 SAIFI	2.35

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DOZIER HEIGHTS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 200 Claire Ln - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0816
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Sandcut Ln, Mcleod Ln, Grapvine Rd - N&E of Subs.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 818
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 2.0%
- Other/Unknown- 16.9%
- Overload- 0.0%
- Planned Work- 78.5%
- Trees- 0.0%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.73

10.) **2023 SAIDI** 97.81

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.09

12.) **2023 SAIFI** 1.61

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NORTONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 55 Holly Ln - Nortonville
- 3.) **CIRCUIT NAME AND NUMBER** 0819
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - City of Nortonville, US 41, & Red Hill Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 889
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/25/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 8.8%
- Other/Unknown- 81.0%
- Overload- 0.0%
- Planned Work- 7.5%
- Trees- 0.1%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	60.64
10.) 2023 SAIDI	110.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.87
12.) 2023 SAIFI	1.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ONTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 6294 S R 370 - Onton
- 3.) **CIRCUIT NAME AND NUMBER** 0832
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Onton - KY 147, Harry Ashby Rd, Hwy 41 & Main St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 326
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 75.9%
- Overload- 0.0%
- Planned Work- 12.6%
- Trees- 9.9%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

- | | |
|--|--------------|
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI) | 53.34 |
| 10.) 2023 SAIDI | 63.65 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI) | 0.65 |
| 12.) 2023 SAIFI | 0.57 |

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 208 McIlvain Blvd - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0853
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana/Berry - River Rd, Poplar St, US 27, City of Berry - N of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 76.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 905
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 56.0%
- Trees- 40.0%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 51.17

10.) **2023 SAIDI** 70.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.53

12.) **2023 SAIFI** 0.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HICKMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3172 Ashgrove Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0864
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lauderdale Dr, Whitfield Dr, Ridgewater Dr - NW of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,194
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.5%
- Trees- 0.7%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	18.49
10.) 2023 SAIDI	24.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.23

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HICKMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3172 Ashgrove Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0865
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Saron Dr, Tates Creek Rd, Kenesaw Dr - NE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,293
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 73.6%
- Trees- 23.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	48.16
10.) 2023 SAIDI	72.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
12.) 2023 SAIFI	2.47

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHANNON RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2770 Shannon Run Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0868
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Shannon Run, Lexington Rd, Pisgah Rd - N of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 65.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,123
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.0%
- Other/Unknown- 3.5%
- Overload- 0.0%
- Planned Work- 85.4%
- Trees- 8.3%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 143.20

10.) **2023 SAIDI** 130.89

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.00

12.) **2023 SAIFI** 1.75

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0874
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Todds Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,415
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/03/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 92.7%
- Trees- 2.3%
- Utility Equipment- 3.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.75
10.) 2023 SAIDI	28.04
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARLISLE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nicholas - 104 S Elm St - Carlisle
- 3.) **CIRCUIT NAME AND NUMBER** 0876
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carlisle - Main St, Eastern Ave - ENE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 386
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/15/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 83.2%
- Trees- 12.6%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	16.07
10.) 2023 SAIDI	31.11
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.14
12.) 2023 SAIFI	0.15

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 460 Education Dr - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0880
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana - New Lair Rd, Old Lair Rd, Ruddles Mill Pike, & Lake Rd - SE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 223
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.9%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 77.4%
- Trees- 1.2%
- Utility Equipment- 20.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.42
- 10.) **2023 SAIDI** 41.13
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.53
- 12.) **2023 SAIFI** 0.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 460 Education Dr - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0881
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana - New Lair Rd, Hwy 27 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 502
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 97.5%
- Trees- 1.6%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	204.78
10.) 2023 SAIDI	220.44
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2023 SAIFI	0.90

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 210 Cox Alley - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0900
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Maddox Aly, 4th St, Hwy 62 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 166
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.77

10.) **2023 SAIDI** 8.13

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.20

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0905
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Todds Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 84.1%
- Utility Equipment- 15.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.39
10.) 2023 SAIDI	31.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.06
12.) 2023 SAIFI	0.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE MID
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 314 Lexington St - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0906
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - E Reynolds dr, Elizabeth St, Center St, Union St - E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 74
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.37
10.) 2023 SAIDI	7.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2023 SAIFI	0.12

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE MID
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 314 Lexington St - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0907
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Buckley Pl, Hwy 11, Bank St - W & S of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 220
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 91.5%
- Trees- 0.0%
- Utility Equipment- 8.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.43
10.) 2023 SAIDI	9.69
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.06
12.) 2023 SAIFI	0.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 1107 Forest Ave - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0913
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Bryant Ln, Hwy 10, Buckner St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 817
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 81.5%
- Trees- 13.0%
- Utility Equipment- 5.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.08

10.) **2023 SAIDI** 23.82

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2023 SAIFI** 0.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 129 Raines Ave. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 0918
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - State Hwy 273, Hope St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 35
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/08/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.97

10.) **2023 SAIDI** 22.06

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.02

12.) **2023 SAIFI** 0.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 129 Raines Ave. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 0919
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - US Hwy 231 - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 803
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 10.6%
- Construction- 0.0%
- Lightning- 28.8%
- Non-Company- 0.9%
- Other/Unknown- 4.9%
- Overload- 0.0%
- Planned Work- 4.6%
- Trees- 50.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	59.86
10.) 2023 SAIDI	61.99
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
12.) 2023 SAIFI	0.59
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** KENTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0920
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Lexington Rd, Duke of York St, Hwy 2515 - S of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,313
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/25/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.4%
- Other/Unknown- 14.1%
- Overload- 0.0%
- Planned Work- 30.6%
- Trees- 19.6%
- Utility Equipment- 34.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.21
10.) 2023 SAIDI	78.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.10
12.) 2023 SAIFI	1.62

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0922
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Parker Rd, Hwy 10, Martha Comer Dr - W of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 118
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 26.2%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 0.0%
- Utility Equipment- 71.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.97

10.) **2023 SAIDI** 11.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.14

12.) **2023 SAIFI** 0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AUGUSTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 318 E 4th St. - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0929
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - 5th Street, Old August-Brooksville Rd - W&SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 659
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 5.7%
- Non-Company- 10.9%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 3.0%
- Trees- 73.0%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.01

10.) **2023 SAIDI** 73.55

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.80

12.) **2023 SAIFI** 0.98

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** AUGUSTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 318 E 4th St. - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0931
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Hamilton Ave, E 2nd St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 17.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.8%
- Overload- 0.0%
- Planned Work- 51.5%
- Trees- 0.6%
- Utility Equipment- 10.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	15.81
10.) 2023 SAIDI	22.06
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHARON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 3061 Asbury Rd - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0935
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Mt Zion Rd, City of Brooksville, Hwy 10&19 - NW&SW of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 78.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,201
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 4.3%
- Construction- 0.0%
- Lightning- 1.0%
- Non-Company- 0.3%
- Other/Unknown- 5.9%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 0.6%
- Utility Equipment- 86.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.07
- 10.) **2023 SAIDI** 31.64
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33
- 12.) **2023 SAIFI** 0.40

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHARON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 3061 Asbury Rd - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0936
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Dutch Ridge Rd, KY 1235, City of Dover - N&NE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 53.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 622
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 4.6%
- Overload- 0.0%
- Planned Work- 16.5%
- Trees- 7.8%
- Utility Equipment- 70.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	121.92
10.) 2023 SAIDI	189.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.54
12.) 2023 SAIFI	4.50

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0939
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Parkers Mill Rd - SW out of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 62.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/04/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.6%
- Overload- 0.0%
- Planned Work- 80.0%
- Trees- 12.5%
- Utility Equipment- 3.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	92.62
10.) 2023 SAIDI	111.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.86
12.) 2023 SAIFI	1.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SARDIS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 4000 Blue Lick Rd - Mays Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0941
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mays Lick - Hwy 62 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 45
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 0.0%
- Utility Equipment- 98.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.36
10.) 2023 SAIDI	11.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2023 SAIFI	0.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARNTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pendleton - 15125 Hwy 8 - Foster
- 3.) **CIRCUIT NAME AND NUMBER** 0947
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Foster - Hwy 8 - NNW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 48.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 667
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 5.6%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 45.7%
- Trees- 42.2%
- Utility Equipment- 4.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	78.79
10.) 2023 SAIDI	191.73
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2023 SAIFI	1.61

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CARNTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pendleton - 15125 Hwy 8 - Foster
- 3.) **CIRCUIT NAME AND NUMBER** 0948
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Foster - Hwy 8 - S&SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 232
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/28/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 3.3%
- Utility Equipment- 95.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	237.87
10.) 2023 SAIDI	499.61
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.57
12.) 2023 SAIFI	3.10

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BUTLER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pendleton - 11095 Hwy 27 N - Burnside Butler
- 3.) **CIRCUIT NAME AND NUMBER** 0950
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Butler - City of Butler, Flour Creek Rd, Hwy 10 - ESE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 58.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 938
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 6.5%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 74.2%
- Trees- 7.6%
- Utility Equipment- 10.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	141.47
10.) 2023 SAIDI	151.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.54
12.) 2023 SAIFI	1.63

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FLEMINGSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fleming - 523 Fountain Ave - Flemingsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0960
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Flemingsburg - City of Flemingsburg - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 958
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 7.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.6%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 45.9%
- Trees- 34.1%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.38
10.) 2023 SAIDI	23.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2023 SAIFI	0.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** FLEMINGSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fleming - 523 Fountain Ave - Flemingsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0961
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Flemingsburg - Water St - Fountain Ave - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 439
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 21.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 16.7%
- Trees- 0.0%
- Utility Equipment- 59.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	12.27
10.) 2023 SAIDI	17.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.27

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EWINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 4006 Old Owingsville Rd - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0969
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - Woodland Ln, Clarence Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 178
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 7.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 82.8%
- Other/Unknown- 9.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.45
10.) 2023 SAIDI	91.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.83
12.) 2023 SAIFI	1.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HIGH STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lexington - 727 West High St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 1102
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - West High St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 26
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	136.13
10.) 2023 SAIDI	219.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VINE STREET 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 112 E Vine St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 1202
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Water St - E of Substation, Ayers Aly - E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 20
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.90
10.) 2023 SAIDI	19.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2023 SAIFI	0.80

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - 433 Oscar Rd. - Barlow
- 3.) **CIRCUIT NAME AND NUMBER** 1310
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barlow - US Hwy 60 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.1%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 5.7%
- Overload- 0.0%
- Planned Work- 85.6%
- Trees- 3.8%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 222.90
- 10.) **2023 SAIDI** 206.15
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47
- 12.) **2023 SAIFI** 0.57

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - 433 Oscar Rd. - Barlow
- 3.) **CIRCUIT NAME AND NUMBER** 1312
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barlow - N 6th St - City of Barlow
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 325
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/10/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 18.2%
- Construction- 0.0%
- Lightning- 57.6%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 20.3%
- Trees- 1.8%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 99.73

10.) **2023 SAIDI** 63.89

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.60

12.) **2023 SAIFI** 1.24

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLINTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hickman - 318 Moss Drive - Clinton
- 3.) **CIRCUIT NAME AND NUMBER** 1316
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clinton - City of Clinton, Hwy 58,
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 655
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.1%
- Planned Work- 76.5%
- Trees- 22.5%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.74

10.) **2023 SAIDI** 162.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.62

12.) **2023 SAIFI** 1.35

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORESTDALE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCracken - 4250 Rice Springs Rd - Kevil
- 3.) **CIRCUIT NAME AND NUMBER** 1320
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Kevil - SR 1154, SR 996, & Cairo Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 932
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 22.7%
- Other/Unknown- 21.8%
- Overload- 0.0%
- Planned Work- 10.2%
- Trees- 40.9%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.51
- 10.) **2023 SAIDI** 80.79
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.95
- 12.) **2023 SAIFI** 1.32

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORESTDALE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCracken - 4250 Rice Springs Rd - Kevil
- 3.) **CIRCUIT NAME AND NUMBER** 1322
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Kevil - Clarkline Rd, Kevil Rd, Woodville Rd, & Hwy 473 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 605
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 62.9%
- Trees- 6.8%
- Utility Equipment- 29.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	110.94
10.) 2023 SAIDI	188.64
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.99
12.) 2023 SAIFI	2.59

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CRUTCHFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fulton - 200 Crutchfield St - Fulton
- 3.) **CIRCUIT NAME AND NUMBER** 1323
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fulton - Depot St, Hwy 924 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 42
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 86.0%
- Trees- 14.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	106.81
10.) 2023 SAIDI	347.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.72
12.) 2023 SAIFI	2.14

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WICKLIFFE CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - Mayola Ave - Wickliffe
- 3.) **CIRCUIT NAME AND NUMBER** 1324
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wickliffe - Hwy 1290, Hwy 286, Hwy 21/Court St, & Beech Grove Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.9%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 22.7%
- Trees- 8.1%
- Utility Equipment- 67.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	152.59
10.) 2023 SAIDI	430.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.12
12.) 2023 SAIFI	2.73

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WICKLIFFE CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - Mayola Ave - Wickliffe
- 3.) **CIRCUIT NAME AND NUMBER** 1325
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wickliffe - 4th St, Greene St, US 60, & County Farm Rd - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 312
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.2%
- Lightning- 1.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 93.4%
- Trees- 4.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 104.70

10.) **2023 SAIDI** 149.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2023 SAIFI** 0.57

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 501 HWY 189 Bypass - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1327
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - HWY 601, S R 181, & Luzerne Depoy Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 43.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 798
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 3.0%
- Non-Company- 14.6%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 67.0%
- Trees- 0.7%
- Utility Equipment- 13.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.07

10.) **2023 SAIDI** 118.68

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2023 SAIFI** 1.10

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CABIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Livingston - 900 Three Rivers Rock Rd - Burna
- 3.) **CIRCUIT NAME AND NUMBER** 1330
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burna - 900 Three Rivers Rock Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/23/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.49
10.) 2023 SAIDI	65.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAY - KU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 62 W College St - Clay
- 3.) **CIRCUIT NAME AND NUMBER** 1407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clay – Main St, Taylor St, & Lisman St- NE & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 434
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 68.5%
- Non-Company- 0.0%
- Other/Unknown- 4.7%
- Overload- 0.0%
- Planned Work- 25.2%
- Trees- 0.0%
- Utility Equipment- 1.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.02
10.) 2023 SAIDI	25.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DIAMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 830 Bill Dorris Rd - Providence
- 3.) **CIRCUIT NAME AND NUMBER** 1410
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Providence - Bill Dorris Rd, S R 109 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 123
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/29/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 73.4%
- Overload- 0.0%
- Planned Work- 25.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	19.20
10.) 2023 SAIDI	60.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2023 SAIFI	0.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DIXON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 818 S R 1340 - Dixon
- 3.) **CIRCUIT NAME AND NUMBER** 1427
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dixon - City of Dixon, Clay-Dixon Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 457
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 16.0%
- Overload- 0.0%
- Planned Work- 83.1%
- Trees- 0.1%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.96

10.) **2023 SAIDI** 16.03

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2023 SAIFI** 0.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORYDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 5430 Greenlick Rd - Corydon
- 3.) **CIRCUIT NAME AND NUMBER** 1431
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - City of Corydon - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 422
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/05/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 1.2%
- Other/Unknown- 40.1%
- Overload- 0.0%
- Planned Work- 54.9%
- Trees- 2.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.78
- 10.) **2023 SAIDI** 46.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27
- 12.) **2023 SAIFI** 0.26

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TUNNEL HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 12990 HWY 416 W - Corydon
- 3.) **CIRCUIT NAME AND NUMBER** 1443
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - US HWY 41 A & S R 416 - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 374
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 93.0%
- Trees- 4.4%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.50
10.) 2023 SAIDI	57.99
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2023 SAIFI	0.51

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANITOU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 7615 Nebo Rd - Nebo
- 3.) **CIRCUIT NAME AND NUMBER** 1450
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nebo - US 41 ALT & City of Nebo & State HWY 1034- W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 273
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 21.0%
- Non-Company- 1.7%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 62.5%
- Trees- 6.1%
- Utility Equipment- 8.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 62.11

10.) **2023 SAIDI** 72.66

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68

12.) **2023 SAIFI** 0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEBREE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 199 N Railroad St - Sebree
- 3.) **CIRCUIT NAME AND NUMBER** 1473
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sebree - Railroad St, Dixon St, State St, & Church St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 326
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 93.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 6.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.15

10.) **2023 SAIDI** 13.12

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.05

12.) **2023 SAIFI** 0.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EARLINGTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 310-A McEuen - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 1476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Railroad St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 944
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 20.4%
- Overload- 0.0%
- Planned Work- 76.7%
- Trees- 0.3%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.61
10.) 2023 SAIDI	43.74
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	1.15

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EARLINGTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 310-A McEuen - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 1478
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Hwy 1337 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 145
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/02/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 5.2%
- Construction- 0.0%
- Lightning- 1.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 93.2%
- Trees- 0.0%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.99
- 10.) **2023 SAIDI** 22.38
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59
- 12.) **2023 SAIFI** 0.73

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CROFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 13770 Madisonville Rd - Crofton
- 3.) **CIRCUIT NAME AND NUMBER** 1491
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crofton - Madisonville Rd, W Princeton St, W Mill St - S of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 266
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 98.8%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 210.08

10.) **2023 SAIDI** 1023.76

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28

12.) **2023 SAIFI** 1.07

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CROFTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 13770 Madisonville Rd - Crofton
- 3.) **CIRCUIT NAME AND NUMBER** 1492
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crofton - City of Crofton, Madisonville Rd - N&S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 466
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.5%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 89.6%
- Trees- 6.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 390.94
- 10.) **2023 SAIDI** 1083.08
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.80
- 12.) **2023 SAIFI** 1.41
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KUTTAWA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lyon - 3487 Lake Barkley Dr - Kuttawa
- 3.) **CIRCUIT NAME AND NUMBER** 1501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Kuttawa - Hwy 295, Lake Shore Dr, & Holley St - SW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 430
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/13/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 90.4%
- Trees- 0.2%
- Utility Equipment- 8.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	116.53
10.) 2023 SAIDI	319.29
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.03
12.) 2023 SAIFI	1.56

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KUTTAWA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lyon - 3487 Lake Barkley Dr - Kuttawa
- 3.) **CIRCUIT NAME AND NUMBER** 1502
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Kuttawa - Mary Blue Rd, State HWY 93, & US HWY 62 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 133
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/13/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.5%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 4.8%
- Overload- 0.0%
- Planned Work- 55.5%
- Trees- 30.0%
- Utility Equipment- 4.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.89
10.) 2023 SAIDI	88.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.61
12.) 2023 SAIFI	1.10

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EDDYVILLE PRISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lyon - 328 Water St - Eddyville
- 3.) **CIRCUIT NAME AND NUMBER** 1503
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eddyville - HWY 93, HWY 1055, Perry Springs Rd, E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 932
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/14/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 8.5%
- Construction- 0.0%
- Lightning- 14.1%
- Non-Company- 0.3%
- Other/Unknown- 8.2%
- Overload- 0.0%
- Planned Work- 56.3%
- Trees- 10.2%
- Utility Equipment- 2.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.72
10.) 2023 SAIDI	124.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2023 SAIFI	0.98

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EDDYVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lyon - 1765 S R 3305 - Eddyville
- 3.) **CIRCUIT NAME AND NUMBER** 1506
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eddyville - City of Eddyville - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,028
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/06/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.1%
- Lightning- 58.7%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 15.7%
- Trees- 21.7%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	75.57
10.) 2023 SAIDI	144.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.51
12.) 2023 SAIFI	1.75

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREDONIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 150 Wigginton Ln - Fredonia
- 3.) **CIRCUIT NAME AND NUMBER** 1509
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fredonia - Hwy 91, Princeton Fredonia Rd, & Marion Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 199
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 4.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 25.8%
- Trees- 0.1%
- Utility Equipment- 69.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 138.71
- 10.) **2023 SAIDI** 137.94
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05
- 12.) **2023 SAIFI** 1.14

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FREDONIA QUARRY 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 181 Fredonia Quarry Rd - Fredonia
- 3.) **CIRCUIT NAME AND NUMBER** 1513
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fredonia - Beck Rd & New Bethel Church Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 71
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 98.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.31
10.) 2023 SAIDI	109.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2023 SAIFI	0.93

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CEDAR BLUFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 10195 Hopkinsville Rd - Princeton
- 3.) **CIRCUIT NAME AND NUMBER** 1514
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Princeton - Hopkinsville Rd - SSW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 99.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 119.19

10.) **2023 SAIDI** 12.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.31

12.) **2023 SAIFI** 0.40

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** CLAXTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 1600 Jones-Keeney Rd - Princeton
- 3.) **CIRCUIT NAME AND NUMBER** 1519
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Princeton - Mt Hebron Rd, Dearing Cem. Rd - W & E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 56
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 94.9%
- Trees- 0.0%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	64.78
10.) 2023 SAIDI	76.91
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

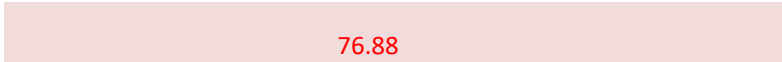
- 1.) **SUBSTATION NAME AND NUMBER** SUNSET 2 2.4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 1515 Olney Rd - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1524
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Olney Rd, Walton Calvert Rd. & McClearn Ln - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 59
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 39.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.9%
- Planned Work- 55.4%
- Trees- 0.0%
- Utility Equipment- 4.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.17

10.) **2023 SAIDI**



11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28

12.) **2023 SAIFI**



13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAWSON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 203 Parker St - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1529
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Mill Dam Rd, Mt Hebron Rd, Hwy 672 - W & SW
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 595
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.2%
- Construction- 0.0%
- Lightning- 6.1%
- Non-Company- 6.2%
- Other/Unknown- 9.4%
- Overload- 16.1%
- Planned Work- 53.4%
- Trees- 5.0%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.36
10.) 2023 SAIDI	44.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.41
12.) 2023 SAIFI	0.83

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAWSON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 203 Parker St - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1530
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Hospital Dr, Saddle Club Rd - NE & SE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 10.6%
- Non-Company- 0.0%
- Other/Unknown- 24.8%
- Overload- 0.0%
- Planned Work- 61.4%
- Trees- 2.7%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	63.21
10.) 2023 SAIDI	105.87
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81
12.) 2023 SAIFI	2.44

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIXTH VEIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 2395 Sixth Vein Rd - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1541
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Charleston Rd, Hwy 70, Campbell Rd, & High Glory Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 40.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 464
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/25/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 3.5%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 83.9%
- Trees- 7.1%
- Utility Equipment- 4.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.42
10.) 2023 SAIDI	130.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81
12.) 2023 SAIFI	1.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIXTH VEIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 2395 Sixth Vein Rd - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1544
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Fergusontown Rd, Hwy 109, Niles Rd & Fox Rd - W & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 357
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 5.8%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 87.5%
- Trees- 5.8%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.46
- 10.) **2023 SAIDI** 57.08
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77
- 12.) **2023 SAIFI** 0.62

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ST CHARLES
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 660 St. Charles Rd - St. Charles
- 3.) **CIRCUIT NAME AND NUMBER** 1553
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St. Charles - City of St. Charles & Mc Gregor Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 213
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 81.6%
- Trees- 16.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.66
10.) 2023 SAIDI	136.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.12
12.) 2023 SAIFI	5.04

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ST CHARLES
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 660 St. Charles Rd - St. Charles
- 3.) **CIRCUIT NAME AND NUMBER** 1554
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St. Charles - Ilsley Rd, Union Temple Rd, & Hwy 112 - SW/NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 68.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 618
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/04/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 3.2%
- Non-Company- 0.0%
- Other/Unknown- 10.6%
- Overload- 0.0%
- Planned Work- 67.8%
- Trees- 17.0%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 105.94

10.) **2023 SAIDI** 95.41

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2023 SAIFI** 0.69

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GRAHAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 5230 S R 175 S - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1603
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - S R 175, Landfill Rd, & S R 70 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 269
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/20/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 4.2%
- Overload- 0.0%
- Planned Work- 92.8%
- Trees- 2.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 85.93

10.) **2023 SAIDI** 66.09

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70

12.) **2023 SAIFI** 0.89

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CALHOUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 530 W First St - Calhoun
- 3.) **CIRCUIT NAME AND NUMBER** 1606
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Calhoun - High St, W 7th St, S R 81 - N of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 324
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 98.7%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 0.0%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	20.55
10.) 2023 SAIDI	74.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2023 SAIFI	1.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 200 N Boggess Ave - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1614
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Outer York, Lake Rd, & Rogers Ave - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 67
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 32.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 65.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.72
10.) 2023 SAIDI	36.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2023 SAIFI	0.46
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** POWDERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - Opportunity Way - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1625
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Opportunity Way & N Main St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 34
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/22/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 65.1%
- Non-Company- 34.9%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.11
10.) 2023 SAIDI	5.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2023 SAIFI	0.09

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** POWDERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - Opportunity Way - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1626
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Main St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 833
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/22/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 4.7%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 5.0%
- Overload- 0.0%
- Planned Work- 57.7%
- Trees- 26.7%
- Utility Equipment- 5.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	93.60
10.) 2023 SAIDI	129.41
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.26
12.) 2023 SAIFI	2.07

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ISLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 499 E Main St - Island
- 3.) **CIRCUIT NAME AND NUMBER** 1638
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Island - City of Island, Hwy 85, 1412, & Old Island Rd - W & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 615
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 9.9%
- Non-Company- 0.2%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 63.6%
- Trees- 20.4%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 110.73

10.) **2023 SAIDI** 27.07

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.20

12.) **2023 SAIFI** 1.23

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIVERMORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 190 Main St - Livermore
- 3.) **CIRCUIT NAME AND NUMBER** 1642
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Livermore - Hill St, Hwy 431, & Comy Dock Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 341
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/20/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 96.2%
- Trees- 3.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 94.41

10.) **2023 SAIDI** 47.32

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.02

12.) **2023 SAIFI** 1.51

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 106 Pendleton St - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1645
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Hwy 70, S Cherry Hill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 413
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 3.3%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 80.5%
- Trees- 14.4%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.82
- 10.) **2023 SAIDI** 41.29
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73
- 12.) **2023 SAIFI** 0.81

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 106 Pendleton St - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1648
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - E Reservoir St, N 2nd St, Whitmer St - N of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 741
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 36.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 44.2%
- Trees- 17.0%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	20.64
10.) 2023 SAIDI	40.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2023 SAIFI	0.38

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1649
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Everly Borthers Blvd, S Stroud Ln - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 307
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.8%
- Non-Company- 2.3%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 92.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	23.62
10.) 2023 SAIDI	24.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1650
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Everly Borthers Blvd, S R 604, US 431 - E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 786
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 42.5%
- Trees- 56.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.64

10.) **2023 SAIDI** 46.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2023 SAIFI** 0.41

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1651
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - W 2nd Ave, Center St, W Reservoir St - W of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 410
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 75.7%
- Trees- 23.9%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.12
10.) 2023 SAIDI	96.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.41
12.) 2023 SAIFI	1.22

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEECH CREEK 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 169 Beech Creek Browder Rd - Beech Creek
- 3.) **CIRCUIT NAME AND NUMBER** 1671
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beech Creek - Beech Creek Browder Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 116
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/23/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 11.0%
- Non-Company- 0.5%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 81.5%
- Trees- 6.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.87
- 10.) **2023 SAIDI** 62.89
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50
- 12.) **2023 SAIFI** 0.89

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DRAKESBORO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 201 S Mine St - Drakesboro
- 3.) **CIRCUIT NAME AND NUMBER** 1674
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Drakesboro - Broad St, SR 2107, & Big Springs Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 376
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.4%
- Planned Work- 95.3%
- Trees- 1.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.56
- 10.) **2023 SAIDI** 18.52
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.39
- 12.) **2023 SAIFI** 0.42

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALEM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Livingston - 266 W Main St - Salem
- 3.) **CIRCUIT NAME AND NUMBER** 1703
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salem - Hwy 60, College St, & Levias Rd - ENE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 390
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 31.4%
- Trees- 66.1%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.12
10.) 2023 SAIDI	29.57
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2023 SAIFI	0.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALEM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Livingston - 266 W Main St - Salem
- 3.) **CIRCUIT NAME AND NUMBER** 1704
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salem - Hayden Ave, Hwy 723, & Jayna Ln - NE/SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 307
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 42.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 30.3%
- Trees- 25.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.03
10.) 2023 SAIDI	101.21
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2023 SAIFI	1.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DYCUSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 9315 S R 70 - Dycusburg
- 3.) **CIRCUIT NAME AND NUMBER** 1707
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dycusburg - City of Dycusburg, S R 70 - N & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 88
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 16.9%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 42.0%
- Trees- 41.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.46
10.) 2023 SAIDI	13.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2023 SAIFI	0.10

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MEXICO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 2747 S R 70 - Crayne
- 3.) **CIRCUIT NAME AND NUMBER** 1708
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crayne - S R 70 & Ken Spar - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 117
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 80.9%
- Trees- 19.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.25

10.) **2023 SAIDI** 11.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10

12.) **2023 SAIFI** 0.14

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MEXICO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 2747 S R 70 - Crayne
- 3.) **CIRCUIT NAME AND NUMBER** 1709
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crayne - S R 70 & Marion Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 121
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 93.7%
- Trees- 4.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	126.71
10.) 2023 SAIDI	425.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.79
12.) 2023 SAIFI	2.50

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MARION SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 505 Chappell Hill Rd - Marion
- 3.) **CIRCUIT NAME AND NUMBER** 1711
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Marion - HWY 641 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 365
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/20/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 28.1%
- Trees- 67.1%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.13
10.) 2023 SAIDI	88.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	1.23

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SUNOCO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 2823 S R 130 S - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1731
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 130 & Adamson Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 180
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 94.0%
- Trees- 4.0%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	113.22
10.) 2023 SAIDI	211.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2023 SAIFI	1.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SUNOCO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 2823 S R 130 S - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1732
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 130 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 29
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 16.1%
- Non-Company- 0.0%
- Other/Unknown- 6.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 50.3%
- Utility Equipment- 27.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.78

10.) **2023 SAIDI** 24.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.72

12.) **2023 SAIFI** 1.38

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORGANFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 305 Rhea St - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1750
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 947, N Chapman St, & Hedge Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.4%
- Overload- 0.0%
- Planned Work- 95.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.56
10.) 2023 SAIDI	4.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2023 SAIFI	0.07

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAVERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 178 Blessed Martin Rd - Waverly
- 3.) **CIRCUIT NAME AND NUMBER** 1764
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waverly - E Main St, S Maple St, & E Market St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 162
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/06/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 29.9%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 68.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.27

10.) **2023 SAIDI** 45.04

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** MANNINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 2535 Mannington Loop - Mannington
- 3.) **CIRCUIT NAME AND NUMBER** 1801
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mannington - HWY 407 & US 41- E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 23
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/12/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 99.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	327.60
10.) 2023 SAIDI	1277.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.17
12.) 2023 SAIFI	2.42

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANNINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 2535 Mannington Loop - Mannington
- 3.) **CIRCUIT NAME AND NUMBER** 1802
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mannington - HWY 407, Daniel Boone Rd, & Possum Pocket Rd- NW & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 147
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 91.1%
- Trees- 0.0%
- Utility Equipment- 8.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	355.19
10.) 2023 SAIDI	1094.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.97
12.) 2023 SAIFI	3.37

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ECHOLS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 5590 S R 1245 - Rockport
- 3.) **CIRCUIT NAME AND NUMBER** 1903
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Rockport - Hwy 1245, Hwy 62, & City of Rockport - NW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 322
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 50.0%
- Overload- 0.0%
- Planned Work- 32.0%
- Trees- 15.1%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	178.84
10.) 2023 SAIDI	279.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.95
12.) 2023 SAIFI	2.31

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RIVERVIEW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 25 Riverview Rd - McHenry
- 3.) **CIRCUIT NAME AND NUMBER** 1907
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** McHenry - Watts Rd, City of McHenry, & HWY 62 - E & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 514
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/16/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 89.5%
- Trees- 1.1%
- Utility Equipment- 9.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	211.44
10.) 2023 SAIDI	898.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
12.) 2023 SAIFI	1.46

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARTFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 425 Walnut St - Hartford
- 3.) **CIRCUIT NAME AND NUMBER** 1911
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hartford - US HWY 231, Old Main St, HWY 1543- E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 396
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 29.0%
- Non-Company- 6.2%
- Other/Unknown- 2.5%
- Overload- 0.0%
- Planned Work- 60.5%
- Trees- 0.8%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.11

10.) **2023 SAIDI** 46.41

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2023 SAIFI** 0.78

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARTFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 425 Walnut St - Hartford
- 3.) **CIRCUIT NAME AND NUMBER** 1913
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hartford - US HWY 231, Washington St, Union St- N & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 567
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/17/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 9.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 75.1%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.09
- 10.) **2023 SAIDI** 25.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22
- 12.) **2023 SAIFI** 0.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 310 Ridgecrest Dr. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 1914
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - Ridge Crest Rd & US Hwy 62 - City of Beaver Dam
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 533
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/25/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 9.8%
- Construction- 0.0%
- Lightning- 20.3%
- Non-Company- 0.0%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 64.9%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	44.70
10.) 2023 SAIDI	54.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2023 SAIFI	0.64

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 310 Ridgecrest Dr. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 1916
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - Main St. - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 33.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 928
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/25/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 24.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 25.3%
- Trees- 33.3%
- Utility Equipment- 16.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.37

10.) **2023 SAIDI** 118.58

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.93

12.) **2023 SAIFI** 2.34

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BUENA VISTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 164 High Bridge Rd. - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2105
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Rock Quarry Rd, Lexington Rd, & US 27 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 343
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/15/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 23.8%
- Overload- 0.0%
- Planned Work- 4.3%
- Trees- 67.3%
- Utility Equipment- 3.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	126.35
10.) 2023 SAIDI	194.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.03
12.) 2023 SAIFI	2.78

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 3 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 950 Vickers Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2109
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Lancaster Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,357
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.1%
- Other/Unknown- 64.8%
- Overload- 0.0%
- Planned Work- 12.3%
- Trees- 19.3%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.24

10.) **2023 SAIDI** **23.53**

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2023 SAIFI** **0.32**

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE E 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2111
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - E Walnut St, Alta Ave, & E Main St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 347
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 96.5%
- Trees- 3.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.25

10.) **2023 SAIDI** 8.44

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.07

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE E 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2113
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Lexington Ave, Fork Church Rd, & Lancaster Rd - NW & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,331
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 71.3%
- Trees- 28.5%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.83

10.) **2023 SAIDI** 38.43

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73

12.) **2023 SAIFI** 1.16

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 2 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2130
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Beaumont Ave, S College St, & Perryville St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,097
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 9.3%
- Non-Company- 9.2%
- Other/Unknown- 21.4%
- Overload- 0.0%
- Planned Work- 36.5%
- Trees- 23.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.28
10.) 2023 SAIDI	78.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.44
12.) 2023 SAIFI	1.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 1020 N College St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2135
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Crosses over N College St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/05/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 100.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.68

10.) **2023 SAIDI**

23.38

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**

0.07

12.) **2023 SAIFI**

0.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANCASTER 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 104 Hamilton Ave - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2139
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Maple St & Lexington Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 466
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/24/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 39.6%
- Non-Company- 0.0%
- Other/Unknown- 26.1%
- Overload- 0.0%
- Planned Work- 27.8%
- Trees- 0.0%
- Utility Equipment- 6.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.05
- 10.) **2023 SAIDI** 37.75
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41
- 12.) **2023 SAIFI** 0.40
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANCASTER 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 104 Hamilton Ave - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2141
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Richmond St, Cowden Ct, & Hamilton Ave - N/E/SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/24/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 76.4%
- Non-Company- 0.0%
- Other/Unknown- 23.2%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	27.95
10.) 2023 SAIDI	85.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2023 SAIFI	0.96

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANCASTER 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 183 Industry Rd - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2143
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Crab Orchard St & Richmond St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 5.6%
- Trees- 94.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 2.14
- 10.) **2023 SAIDI** 1.65
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.01
- 12.) **2023 SAIFI** 0.02

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** PINE HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rockcastle - 501 Flat Rock Rd - Mt. Vernon
- 3.) **CIRCUIT NAME AND NUMBER** 2148
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Mullins Station Rd, Skyline Rd, & Honeycomb Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 51
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 88.0%
- Trees- 9.9%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.91

10.) **2023 SAIDI** 219.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35

12.) **2023 SAIFI** 0.92

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAKERTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 3499 Lexington Rd - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2151
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Shakertown Rd, HWY 342, & Handy Pike - S of the Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 320
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/09/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 3.4%
- Overload- 0.0%
- Planned Work- 64.3%
- Trees- 31.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	86.62
10.) 2023 SAIDI	134.13
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81
12.) 2023 SAIFI	1.32

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST CLIFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 815 Dix Dam Rd - Burgin
- 3.) **CIRCUIT NAME AND NUMBER** 2159
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burgin - Dix Dam Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/09/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 69.9%
- Trees- 0.0%
- Utility Equipment- 30.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.12
10.) 2023 SAIDI	40.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2023 SAIFI	1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT VERNON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rockcastle - 56 Old Somerset Rd - Mt. Vernon
- 3.) **CIRCUIT NAME AND NUMBER** 2166
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Richmond St and Williams St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 841
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.1%
- Overload- 0.0%
- Planned Work- 65.4%
- Trees- 12.1%
- Utility Equipment- 1.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.02
10.) 2023 SAIDI	48.76
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.22
12.) 2023 SAIFI	0.23

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** RICHMOND NORTH

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 2236 Lexington Rd - Richmond

3.) **CIRCUIT NAME AND NUMBER** 2170

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Lexington Rd - N of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 828

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/17/2023

8.) **2023 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 2.9%

Non-Company- 0.0%

Other/Unknown- 6.7%

Overload- 0.0%

Planned Work- 86.1%

Trees- 3.4%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 51.37

10.) **2023 SAIDI** 32.06

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40

12.) **2023 SAIFI** 0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 2236 Lexington Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2171
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Jacks Creek Rd, N Keeneland Dr, and Foxhaven Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,075
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/21/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 30.9%
- Overload- 0.0%
- Planned Work- 54.7%
- Trees- 6.6%
- Utility Equipment- 6.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.73
10.) 2023 SAIDI	48.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.52
12.) 2023 SAIFI	0.46
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Reliability Improvements Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSVILLE 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 101 Old Greensburg Rd. - Campbellsville
- 3.) **CIRCUIT NAME AND NUMBER** 2204
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsville - New Columbia Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 200
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 72.1%
- Overload- 0.0%
- Planned Work- 6.6%
- Trees- 20.9%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	44.82
10.) 2023 SAIDI	48.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2023 SAIFI	0.24
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** COLUMBIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Adair - 114 Lindsey Wilson St - Columbia
- 3.) **CIRCUIT NAME AND NUMBER** 2210
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - Guthrie St, Miller Ave, & Adair Ave - S & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 149
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 42.2%
- Trees- 57.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.69
10.) 2023 SAIDI	30.09
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2023 SAIFI	0.39

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** COLUMBIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Adair - 114 Lindsey Wilson St - Columbia
- 3.) **CIRCUIT NAME AND NUMBER** 2211
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - Burkesville Rd & Greensburg St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 457
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 96.7%
- Trees- 0.2%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.52
- 10.) **2023 SAIDI** 34.98
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.48
- 12.) **2023 SAIFI** 0.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Green - 424 Old Hodgenville Rd - Greensburg
- 3.) **CIRCUIT NAME AND NUMBER** 2212
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greensburg - City of Greensburg - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 678
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.8%
- Trees- 1.0%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 11.93
- 10.) **2023 SAIDI** 10.48
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.17
- 12.) **2023 SAIFI** 0.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Green - 424 Old Hodgenville Rd - Greensburg
- 3.) **CIRCUIT NAME AND NUMBER** 2214
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greensburg - Buckner Hill Rd, Hawthorne Rd, HWY 1464, & HWY 88 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 210
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 14.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 81.9%
- Trees- 3.1%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.44

10.) **2023 SAIDI** 13.99

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41

12.) **2023 SAIFI** 0.64

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 1157 Bradfordsville - Bradfordsville
- 3.) **CIRCUIT NAME AND NUMBER** 2219
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Mulberry St, Old Calvary Pike, & Hwy 208 - NW & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 543
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.7%
- Overload- 0.0%
- Planned Work- 8.0%
- Trees- 52.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.25
10.) 2023 SAIDI	83.07
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2023 SAIFI	2.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RUSSELL SPRINGS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 1183 HWY 1870 - Russell Springs
- 3.) **CIRCUIT NAME AND NUMBER** 2222
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Russell Springs - Old Columbia Rd, KY 80, Lakeway Dr, & Maple St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,012
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 6.1%
- Non-Company- 0.0%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 44.7%
- Trees- 4.1%
- Utility Equipment- 41.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 33.09

10.) **2023 SAIDI** **13.03**

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50

12.) **2023 SAIFI** **0.59**

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RED HOUSE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 3858 Boonesboro Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2224
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Hwy 627, Simpson Ln, Hwy 25, & Hwy 2328 - W & NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 604
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/20/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 13.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 24.8%
- Trees- 60.7%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.32
10.) 2023 SAIDI	47.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2023 SAIFI	0.41

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SPRINGFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washinton - 107 Commercial Ave - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 2225
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - State HWY 55 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 276
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 2.3%
- Non-Company- 0.0%
- Other/Unknown- 47.8%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 47.6%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	18.94
10.) 2023 SAIDI	64.12
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	0.65

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SPRINGFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washinton - 107 Commercial Ave - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 2226
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - State HWY 55 & Bloomfield Rd - S & N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 391
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 93.5%
- Trees- 2.2%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.15

10.) **2023 SAIDI** 129.40

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2023 SAIFI** 1.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SPRINGFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washinton - 107 Commercial Ave - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 2227
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 622
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 65.9%
- Overload- 0.0%
- Planned Work- 23.1%
- Trees- 7.1%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.87

10.) **2023 SAIDI** 4.42

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2023 SAIFI** 0.20

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNION UNDERWEAR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 101 Fruit Of The Loom Dr - Jamestown
- 3.) **CIRCUIT NAME AND NUMBER** 2229
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - N Main St & Progress Dr - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 551
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 97.7%
- Trees- 1.9%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	15.80
10.) 2023 SAIDI	17.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WOODLAWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson – 285 Spencer Mattingly Ln. – Bardstown
- 3.) **CIRCUIT NAME AND NUMBER** 2231
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - Poplar Flat Rd, Ashleigh Way, Ed Piler Rd, & Old US 150 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 51.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,186
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/15/2018

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 44.7%
- Overload- 0.0%
- Planned Work- 30.4%
- Trees- 24.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.68

10.) **2023 SAIDI** 21.36

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.17

12.) **2023 SAIFI** 0.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNION UNDERWEAR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 101 Fruit Of The Loom Dr - Jamestown
- 3.) **CIRCUIT NAME AND NUMBER** 2233
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - Fruit of the Loom Dr, N Main St, Airport Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 100.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.67

10.) **2023 SAIDI** 178.37

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.20

12.) **2023 SAIFI** 1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 2255 Saint Mary's Rd - St Mary
- 3.) **CIRCUIT NAME AND NUMBER** 2235
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St Mary - Warehouse Rd & Campbellsville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 222
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 11.9%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.6%
- Other/Unknown- 1.7%
- Overload- 0.0%
- Planned Work- 85.5%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.19
10.) 2023 SAIDI	98.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
12.) 2023 SAIFI	1.32

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEATTYVILLE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lee - 950 W Main St. - Beattyville
- 3.) **CIRCUIT NAME AND NUMBER** 2301
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beattyville - W Main St, Lee Ave, & Grand Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 227
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.2%
- Overload- 0.0%
- Planned Work- 52.4%
- Trees- 5.2%
- Utility Equipment- 2.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.55
10.) 2023 SAIDI	35.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	0.22

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ESTILL STONE CO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 598 Tipton Ridge Rd - Ravenna
- 3.) **CIRCUIT NAME AND NUMBER** 2302
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ravenna - Tipton Ridge Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 100.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.04
10.) 2023 SAIDI	65.20
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** IRVINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 83 River Dr - Irvine
- 3.) **CIRCUIT NAME AND NUMBER** 2305
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Irvine - Kirkland Ave - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 80
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 80.2%
- Overload- 0.0%
- Planned Work- 6.0%
- Trees- 0.0%
- Utility Equipment- 13.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.78
- 10.) **2023 SAIDI** 31.50
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.26
- 12.) **2023 SAIFI** 0.29

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OKONITE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1742 Berea Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2306
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Berea Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 23
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 13.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 81.0%
- Trees- 5.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.80
10.) 2023 SAIDI	35.76
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2023 SAIFI	1.22

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1799 Irvine Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2319
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Irvine Rd, Reba Rd, & Charlie Norris Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,442
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 2.5%
- Non-Company- 0.0%
- Other/Unknown- 3.6%
- Overload- 0.0%
- Planned Work- 29.1%
- Trees- 44.2%
- Utility Equipment- 20.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.17
10.) 2023 SAIDI	68.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2023 SAIFI	0.57

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1799 Irvine Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2320
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - DR Martin BYP, Commercial Dr, & Berea Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,494
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 5.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 72.1%
- Utility Equipment- 21.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.73

10.) **2023 SAIDI** 27.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2023 SAIFI** 0.47

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 464 Eastern Bypass - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2321
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Lake Shore Dr, Willis Branch Rd, & Barnes Mill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,831
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 32.2%
- Non-Company- 0.2%
- Other/Unknown- 28.7%
- Overload- 0.0%
- Planned Work- 38.4%
- Trees- 0.3%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.66

10.) **2023 SAIDI** 35.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07

12.) **2023 SAIFI** 0.20

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 464 Eastern Bypass - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2323
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - S Killarney Dr, Barnes Mill Rd, & Martin Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 660
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/07/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 10.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 87.9%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.07

10.) **2023 SAIDI** 32.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2023 SAIFI** 0.37

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2326
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Third St, New Richmond Byp, & Red House Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 984
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 4.5%
- Non-Company- 0.0%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 69.7%
- Trees- 17.5%
- Utility Equipment- 4.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.83

10.) **2023 SAIDI** 40.28

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36

12.) **2023 SAIFI** 0.39

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2327
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Moberly Ave, 5th, 4th, 3rd, 2nd, 1st St, & Irvine St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 921
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 97.7%
- Trees- 0.8%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.15
10.) 2023 SAIDI	23.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2023 SAIFI	0.66

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2328
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Georgia St, N 2nd St, & Golfview Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 723
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 16.0%
- Other/Unknown- 11.1%
- Overload- 0.0%
- Planned Work- 10.9%
- Trees- 32.1%
- Utility Equipment- 29.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	20.90
10.) 2023 SAIDI	48.19
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2329
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Sunset Ave, Barnes Mill Rd, & Kirksville Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,477
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/13/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 28.9%
- Non-Company- 7.5%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 10.8%
- Trees- 49.3%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.83

10.) **2023 SAIDI** 89.72

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89

12.) **2023 SAIFI** 1.08

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 100 Crucible Steel Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2331
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Mulberry St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 67
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 100.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	20.76
10.) 2023 SAIDI	44.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 100 Crucible Steel Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2332
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Leitchfield Rd, Blackbranch Rd, & Nicholas St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 926
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 18.3%
- Overload- 0.0%
- Planned Work- 56.4%
- Trees- 25.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.02
10.) 2023 SAIDI	91.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2333
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - Center St, First St, & Depot St - SE of substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 153
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 67.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 32.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.09
10.) 2023 SAIDI	13.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.16
12.) 2023 SAIFI	0.21

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RINEYVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - Rineyville Big Springs Rd - Radcliff
- 3.) **CIRCUIT NAME AND NUMBER** 2334
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Radcliff - Rineyville Big Springs Rd & Rineyville Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 758
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.8%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 97.2%
- Trees- 0.0%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.80
- 10.) **2023 SAIDI** 38.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77
- 12.) **2023 SAIFI** 0.94

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BOSTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 1100 Old Nelsonville Rd. - Boston
- 3.) **CIRCUIT NAME AND NUMBER** 2403
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Boston - Lebanon Junction Rd, Boston Rd, KY 52 & Nelsonville Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 353
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 99.5%
- Trees- 0.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	260.22
10.) 2023 SAIDI	582.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.61
12.) 2023 SAIFI	2.41

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLARKSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 405 Peonia Rd - Clarkson
- 3.) **CIRCUIT NAME AND NUMBER** 2404
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clarkson - City of Clarkson - N/S/E/W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 607
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 28.2%
- Trees- 57.4%
- Utility Equipment- 14.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.86

10.) **2023 SAIDI** 126.77

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61

12.) **2023 SAIFI** 2.14

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTVIEW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 12540 Sonora - Hardin Springs
- 3.) **CIRCUIT NAME AND NUMBER** 2407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - KY 84, Main St, & White Mills Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 266
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 16.9%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 48.7%
- Trees- 33.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.17
- 10.) **2023 SAIDI** 84.48
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.39
- 12.) **2023 SAIFI** 0.29
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Dixie Ave, Miles St, & Helm St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 629
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2024

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 29.8%
- Trees- 27.5%
- Utility Equipment- 41.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.70
10.) 2023 SAIDI	92.84
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
12.) 2023 SAIFI	1.06

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2415
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Woodland Dr, Saint John Rd, & Westport Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,352
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 12.4%
- Overload- 0.0%
- Planned Work- 59.6%
- Trees- 22.5%
- Utility Equipment- 4.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.26
10.) 2023 SAIDI	53.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2023 SAIFI	0.70

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 4
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 201 Sportsman Lake Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2419
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Sportsman Lake Rd & Hodenville Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 773
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/16/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 49.8%
- Trees- 49.2%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.36
- 10.) **2023 SAIDI** 14.86
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2023 SAIFI** 0.22

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 300 College Street Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2426
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - College Street Rd & Peters Dr - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 370
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 1.9%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 95.9%
- Trees- 0.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.37

10.) **2023 SAIDI** 55.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63

12.) **2023 SAIFI** 1.26

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HODGENVILLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Larue - 500 W High Ave - Hodgenville
- 3.) **CIRCUIT NAME AND NUMBER** 2430
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hodgenville - S Lincoln Blvd/Hwy 61, Greensburg Rd, & L & N Tpke - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,539
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 2.5%
- Non-Company- 0.6%
- Other/Unknown- 36.0%
- Overload- 0.1%
- Planned Work- 29.4%
- Trees- 0.5%
- Utility Equipment- 30.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.75
10.) 2023 SAIDI	131.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.59
12.) 2023 SAIFI	1.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 501 Shewey Ave - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2433
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - W Main St, KY 335, New St, US 31 - N & NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 883
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/05/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 55.6%
- Non-Company- 0.0%
- Other/Unknown- 3.5%
- Overload- 0.0%
- Planned Work- 24.1%
- Trees- 16.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.51

10.) **2023 SAIDI** 135.88

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61

12.) **2023 SAIFI** 1.73

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 501 Shewey Ave - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2435
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - E Main St, KY 218, & US HWY 31 E - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 394
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 10.3%
- Non-Company- 0.0%
- Other/Unknown- 10.7%
- Overload- 0.0%
- Planned Work- 16.5%
- Trees- 45.9%
- Utility Equipment- 16.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.00

10.) **2023 SAIDI** 240.27

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2023 SAIFI** 1.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 501 Shewey Ave - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2436
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hiseville - Old Glasgow Rd & Hiseville Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 347
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 67.2%
- Trees- 29.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	161.43
10.) 2023 SAIDI	258.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.00
12.) 2023 SAIFI	1.93

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2023

- 1.) **SUBSTATION NAME AND NUMBER** MILLWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 6649 Beaver Dam Rd - Millwood
- 3.) **CIRCUIT NAME AND NUMBER** 2440
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Caneyville - US 62, Hwy 79, & River Park Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 425
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 33.7%
- Non-Company- 0.0%
- Other/Unknown- 4.8%
- Overload- 0.0%
- Planned Work- 56.2%
- Trees- 0.1%
- Utility Equipment- 5.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 127.61

10.) **2023 SAIDI** 486.13

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.88

12.) **2023 SAIFI** 2.90

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MILLWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 6649 Beaver Dam Rd - Millwood
- 3.) **CIRCUIT NAME AND NUMBER** 2441
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Millwood - US HWY 62, School House Rd, & Rock Quarry Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 171
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 6.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 88.3%
- Trees- 5.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	9.09
10.) 2023 SAIDI	16.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2023 SAIFI	0.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2444
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - 3rd St, Center St, New Hope Rd, & Rogers Rd - ESE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 587
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 93.4%
- Trees- 1.9%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	109.21
10.) 2023 SAIDI	187.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.97
12.) 2023 SAIFI	1.17

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2445
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - KY 52, Clark Rd, & Lyons Station Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 204
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/24/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 98.7%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 137.25
- 10.) **2023 SAIDI** 83.68
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.11
- 12.) **2023 SAIFI** 1.33

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2446
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - Cissal Hill Rd & US 31 - SSW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 22.6%
- Trees- 77.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.34
10.) 2023 SAIDI	79.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2023 SAIFI	0.52

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RADCLIFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 677 N Wilson Rd - Radcliff
- 3.) **CIRCUIT NAME AND NUMBER** 2447
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Radcliff - N Dixie Blvd, E Lincoln Trail, & New St - SE/E/NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 760
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 3.8%
- Non-Company- 0.0%
- Other/Unknown- 3.2%
- Overload- 0.0%
- Planned Work- 69.0%
- Trees- 15.2%
- Utility Equipment- 7.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.19
10.) 2023 SAIDI	18.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2023 SAIFI	0.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RIO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 301 Glen Lily Rd E - Munfordville
- 3.) **CIRCUIT NAME AND NUMBER** 2450
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Munfordville - E US 31, Eve Rd, & Pikeview Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 171
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.2%
- Overload- 0.0%
- Planned Work- 85.0%
- Trees- 1.8%
- Utility Equipment- 9.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 426.91
- 10.) **2023 SAIDI** 377.92
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.83
- 12.) **2023 SAIFI** 2.48

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SONORA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1340 Old Sonora Rd - Sonora
- 3.) **CIRCUIT NAME AND NUMBER** 2456
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - US 31 W, S Dixie Hwy, & Sonora Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 199
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2022

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 6.7%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 92.8%
- Trees- 0.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.64
- 10.) **2023 SAIDI** 24.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.29
- 12.) **2023 SAIFI** 0.30

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEITCHFIELD EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 705 Wallace Ave - Leitchfield
- 3.) **CIRCUIT NAME AND NUMBER** 2466
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Leitchfield - Wallace Ave, Bobby Bland Way, Clinton St, & White Oak St - S & W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 226
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 10.0%
- Overload- 0.0%
- Planned Work- 90.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.56
10.) 2023 SAIDI	13.24
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.04
12.) 2023 SAIFI	0.16

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HODGENVILLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Larue - 500 W High Ave - Hodgenville
- 3.) **CIRCUIT NAME AND NUMBER** 2467
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hodgenville - Hwy 61, Glendale Rd, & Railroad Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 42
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/04/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 100.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 189.83

10.) **2023 SAIDI** 338.36

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66

12.) **2023 SAIFI** 1.60

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2469
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Hatcher Valley Rd, N Toohey Ridge Rd, & Park Ridge Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 110
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 40.8%
- Trees- 0.0%
- Utility Equipment- 59.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 81.04
- 10.) **2023 SAIDI** 51.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34
- 12.) **2023 SAIFI** 0.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2473
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Old Dixie Hwy - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.43
- 10.) **2023 SAIDI** 78.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25
- 12.) **2023 SAIFI** 0.25

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2474
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Butler Rd & Top Quality Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 29
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 11.7%
- Non-Company- 0.0%
- Other/Unknown- 88.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	66.90
10.) 2023 SAIDI	81.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.61
12.) 2023 SAIFI	1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - S Dixie St and Bluegrass Ave - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 11
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/28/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 23.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 76.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.03
- 10.) **2023 SAIDI** 28.11
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28
- 12.) **2023 SAIFI** 0.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLACK BRANCH ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1220 N Black Branch Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2479
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - N BlackBranch Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 33
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/13/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 99.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.49
10.) 2023 SAIDI	78.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2023 SAIFI	0.35

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EMINENCE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 1257 Ballardsville Rd - Eminence
- 3.) **CIRCUIT NAME AND NUMBER** 2501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eminence - City of Eminence, Hwy 22, & Castle Hwy - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,022
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/20/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 3.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.6%
- Utility Equipment- 94.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.53
10.) 2023 SAIDI	35.99
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2023 SAIFI	0.39

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FAIRFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 5729 High Grove Rd - Coks Creek
- 3.) **CIRCUIT NAME AND NUMBER** 2503
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bloomfield - KY 48, US 62, & Lawrenceburg Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,258
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 4.4%
- Non-Company- 0.0%
- Other/Unknown- 27.5%
- Overload- 0.0%
- Planned Work- 16.2%
- Trees- 47.1%
- Utility Equipment- 4.7%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.07

10.) **2023 SAIDI** 148.52

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.44

12.) **2023 SAIFI** 1.13

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LA GRANGE E 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 1810 E Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2508
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Fort Pickens Rd, Hwy 146, & Covey Trace Rd - N & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 381
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 3.9%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 65.8%
- Trees- 17.8%
- Utility Equipment- 11.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	145.93
10.) 2023 SAIDI	383.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.98
12.) 2023 SAIFI	2.19

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LA GRANGE E 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 1810 E Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2511
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Waterworks Rd, Hwy 53/1st St, & Fendley Mill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,286
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 4.3%
- Construction- 0.6%
- Lightning- 62.7%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 21.3%
- Trees- 10.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.62
- 10.) **2023 SAIDI** 19.79
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2023 SAIFI** 0.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE PENAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 3011 W Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2512
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - W Highway 146 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/27/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 10.0%
- Non-Company- 15.8%
- Other/Unknown- 74.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.33
10.) 2023 SAIDI	115.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.80
12.) 2023 SAIFI	2.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE PENAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 3011 W Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2513
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - HWY 146, Jefferson St, & Allen Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,516
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/27/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 7.1%
- Non-Company- 0.0%
- Other/Unknown- 11.7%
- Overload- 0.0%
- Planned Work- 75.8%
- Trees- 3.0%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	42.12
10.) 2023 SAIDI	69.35
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2023 SAIFI	0.56

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE PENAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 3011 W Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2514
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Dawkins Rd & Fendley Mill Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 172
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/19/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 5.8%
- Construction- 0.0%
- Lightning- 8.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 85.1%
- Trees- 0.9%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	130.42
10.) 2023 SAIDI	189.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.96
12.) 2023 SAIFI	1.44

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MID VALLEY CLARKSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 1960 Peonia Rd - Clarkson
- 3.) **CIRCUIT NAME AND NUMBER** 2538
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clarkson - No Road - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 19.5%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 80.5%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	304.98
10.) 2023 SAIDI	436.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.40
12.) 2023 SAIFI	2.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIMPSONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 6801 Shelbyville - Simpsonville
- 3.) **CIRCUIT NAME AND NUMBER** 2541
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Shelbyville Rd, Champions Way, & Conner Station Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,180
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/18/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 6.9%
- Trees- 2.5%
- Utility Equipment- 90.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	66.80
10.) 2023 SAIDI	192.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.35
12.) 2023 SAIFI	0.68

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Frankfort to Adams
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott - 900 W Main St - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 3401
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Frankfort Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,799
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 100.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 74.37

10.) **2023 SAIDI** 42.59

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06

12.) **2023 SAIFI** 1.34

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREEN RIVER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 811 Power Plant Dr - South Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 3412
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - HWY 431 & 138 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 642
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/24/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 100.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 509.06

10.) **2023 SAIDI** 1525.55

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.90

12.) **2023 SAIFI** 1.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Salem - Three Rivers Rock
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Livingston - 271 W Main St - Salem
- 3.) **CIRCUIT NAME AND NUMBER** 3425
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salem - Phillips Ln & Three Rivers Rock Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 8.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 91.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	439.51
10.) 2023 SAIDI	1249.57
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.93
12.) 2023 SAIFI	3.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** West Cliff - High Bridge
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 815 Dix Dam Rd - Burgin
- 3.) **CIRCUIT NAME AND NUMBER** 3427
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burgin - Dix Dr, High Bridge Rd, & Blake Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 138
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/10/2021

8.) **2023 OUTAGES BY CAUSE**

- Animal- 21.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 3.2%
- Utility Equipment- 35.6%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 849.67

10.) **2023 SAIDI** 3830.08

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.40

12.) **2023 SAIFI** 4.00

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAWNEE GAS 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Ball Park Rd - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4400
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - Memorial Hospital Rd & Hwy 115 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 36
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 91.1%
- Trees- 8.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.33
10.) 2023 SAIDI	21.79
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2023 SAIFI	0.11

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAWNEE GAS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Ball Park Rd - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4402
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - Hwy 421 & Hwy 990 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 478
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 28.4%
- Trees- 54.8%
- Utility Equipment- 12.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	68.01
10.) 2023 SAIDI	76.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.54
12.) 2023 SAIFI	0.36

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2024

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN WYE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 380
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 89.0%
- Trees- 5.6%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.38
10.) 2023 SAIDI	62.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2023 SAIFI	0.46

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN WYE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4412
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 883
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/25/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 95.3%
- Trees- 4.0%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.82
10.) 2023 SAIDI	72.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.44
12.) 2023 SAIFI	0.67

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EVARTS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - 1600 Block of Hwy 215 - Evarts
- 3.) **CIRCUIT NAME AND NUMBER** 4475
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Evarts - Hwy 215 & City of Evarts - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 594
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 47.7%
- Overload- 0.0%
- Planned Work- 38.8%
- Trees- 11.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.69
- 10.) **2023 SAIDI** 74.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.62
- 12.) **2023 SAIFI** 0.31

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EVARTS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - 1600 Block of Hwy 215 - Evarts
- 3.) **CIRCUIT NAME AND NUMBER** 4476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Evarts - Hwy 215 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 450
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2023

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 1.6%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 92.9%
- Trees- 4.2%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	150.77
10.) 2023 SAIDI	460.84
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.90
12.) 2023 SAIFI	1.50

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 125 Young St. - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - E Mt. Vernon St & Eller St - E & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 728
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 14.6%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 46.6%
- Trees- 26.3%
- Utility Equipment- 11.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.65
10.) 2023 SAIDI	115.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2023 SAIFI	1.43

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 105 Tandy Ave - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4508
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Clifty Rd, W Columbia St, & Ogden St - S & W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 547
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 98.8%
- Trees- 1.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.69

10.) **2023 SAIDI** 112.71

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21

12.) **2023 SAIFI** 0.47

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MCKEE ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 140 McKee Rd - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4511
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Hwy 2227, Hwy 27, & Hwy 80 - N & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 941
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2023 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 42.2%
- Overload- 0.0%
- Planned Work- 46.3%
- Trees- 11.0%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.28

10.) **2023 SAIDI** 161.93

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68

12.) **2023 SAIFI** 0.81

13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

The Companies' Vegetation Management Plan was submitted December 19, 2007. The Distribution Vegetation Management Program encompasses right of way maintenance for Louisville Gas and Electric Company and Kentucky Utilities Company (referred to as the "Companies"). The program is centralized and managed by a Forestry Manager and eight company Utility Arborists. All are certified arborists by the International Society of Arboriculture.

The Companies' plan is to maintain a proactive trim cycle while balancing the reactive needs of worst performing circuits. The Companies' goal is to maintain an average trim cycle of five years or less. The effectiveness of the plan is evaluated by the cycle and system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.91 years

KU (Kentucky) Tree SAIDI – 27.02 minutes

KU (Kentucky) Tree SAIFI – 0.169

KU (Kentucky) Tree CAIDI – 159.4 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

Adjustments made to the tree plan in 2023 included

No changes made to plan.

Changes to be implemented in 2024

The routine trimming cycle plan is a proactive plan to trim work areas based on clearance thresholds and risk mitigation. Danger trees are prioritized and mitigated based on reliability disruption potential.

SECTION 7: UTILITY COMMENTS

SAIDI and SAIFI improved in 2023 compared to the previous 5 year average excluding major events. 406 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2023.