

**KENTUCKY PUBLIC SERVICE COMMISSION**  
**ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT**

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**SECTION 1: CONTACT INFORMATION**

UTILITY NAME	KENTUCKY UTILITIES COMPANY
REPORT PREPARED BY	Tiffany Koller (Dir. Substations & Asset Mgmt)
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PHONE NUMBER OF PREPARER	(502) 364-8633

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**SECTION 2: REPORTING YEAR**

CALENDAR YEAR OF REPORT	2021
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**SECTION 3: MAJOR EVENT DAYS (MED)**

	$T_{MED}$
FIRST DATE USED TO DETERMINE $T_{MED}$	3.595
LAST DATE USED TO DETERMINE $T_{MED}$	1/1/2016
NUMBER OF MED IN REPORTING YEAR	12/31/2020
	6

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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.

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**SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS**

**System-wide Information**

TOTAL CUSTOMERS <u>551,019</u>	TOTAL CIRCUITS <u>1,112</u>
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**Excluding MED**

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>80.76</u>	SAIDI	<u>72.26</u>
SAIFI	<u>0.740</u>	SAIFI	<u>0.638</u>

**Including MED**

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>152.80</u>	SAIDI	<u>213.29</u>
SAIFI	<u>0.856</u>	SAIFI	<u>0.784</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** 0010

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Manchester St. - S of Station

5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 331

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2017

8.) **2021 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- 80.2%

Trees- 19.8%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	15.73
10.) <b>2021 SAIDI</b>	24.09
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.10
12.) <b>2021 SAIFI</b>	0.16

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** 152
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2017

8.) **2021 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- 3.8%
- Trees- 7.1%
- Utility Equipment- 0.0%
- Vehicle- 89.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	40.14
10.) <b>2021 SAIDI</b>	99.63
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.25
12.) <b>2021 SAIFI</b>	0.38

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** 0012
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Edision Dr - S of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 18
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2021 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)** 11.51
- 10.) **2021 SAIDI** 24.89
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12.) **2021 SAIFI** 0.06

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** 0014
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Race St. and E Third St. and Chestnut Street - N of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 928
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.4%
- Overload- 0.0%
- Planned Work- 66.8%
- Trees- 2.2%
- Utility Equipment- 17.8%
- Vehicle- 4.8%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.06
10.) <b>2021 SAIDI</b>	14.51
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.10
12.) <b>2021 SAIFI</b>	0.15

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** 0015
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Coral St & Forrest Ave. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 519
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 84.8%
- Trees- 13.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.91
10.) <b>2021 SAIDI</b>	23.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.06
12.) <b>2021 SAIFI</b>	0.11

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** 987
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 0.0%
- Planned Work- 57.4%
- Trees- 0.0%
- Utility Equipment- 39.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	4.25
10.) <b>2021 SAIDI</b>	11.90
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.02
12.) <b>2021 SAIFI</b>	0.08

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** 0018
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Limestone St. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 883
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 12.9%
- Other/Unknown- 29.1%
- Overload- 0.0%
- Planned Work- 48.5%
- Trees- 0.0%
- Utility Equipment- 9.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	18.65
10.) <b>2021 SAIDI</b>	32.42
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	0.24

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)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 175
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 80.4%
- Overload- 0.0%
- Planned Work- 19.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	16.60
10.) <b>2021 SAIDI</b>	28.35
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.17
12.) <b>2021 SAIFI</b>	0.26

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HIGBY MILL 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Waveland Museum Ln. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0023
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Nicholasville Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 56.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,726
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 38.5%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 35.4%
- Utility Equipment- 23.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.30
- 10.) **2021 SAIDI** 87.49
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.12
- 12.) **2021 SAIFI** 1.13
- 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** 570
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 8.4%
- Trees- 91.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	113.55
10.) <b>2021 SAIDI</b>	297.14
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.53
12.) <b>2021 SAIFI</b>	1.18

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.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 31.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 65.5%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	23.04
10.) <b>2021 SAIDI</b>	94.15
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.23
12.) <b>2021 SAIFI</b>	0.98

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** 911
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 22.9%
- Trees- 56.0%
- Utility Equipment- 20.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.60
- 10.) **2021 SAIDI** 36.63
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.52
- 12.) **2021 SAIFI** 0.20

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)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 32.2%
- Overload- 0.0%
- Planned Work- 24.8%
- Trees- 0.0%
- Utility Equipment- 43.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.01
- 10.) **2021 SAIDI** 11.04
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12.) **2021 SAIFI** 0.09
- 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** 0033
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Pepperhill Dr & Claiborne Way - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,508
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 4.1%
- Non-Company- 0.0%
- Other/Unknown- 5.9%
- Overload- 0.0%
- Planned Work- 4.5%
- Trees- 75.9%
- Utility Equipment- 6.5%
- Vehicle- 2.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 59.22
- 10.) **2021 SAIDI** 40.83
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2021 SAIFI** 0.94

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

Trees Trimmed in 2021

- 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)** 138.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,110
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/25/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.4%
- Lightning- 7.2%
- Non-Company- 0.0%
- Other/Unknown- 23.3%
- Overload- 0.0%
- Planned Work- 3.1%
- Trees- 46.8%
- Utility Equipment- 14.2%
- Vehicle- 4.8%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 266.99
- 10.) **2021 SAIDI** 275.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.68
- 12.) **2021 SAIFI** 1.03

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** 0039
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - St. Phillip Dr. & Richmond Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,047
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/04/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.5%
- Non-Company- 0.0%
- Other/Unknown- 10.2%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 84.2%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	53.88
10.) <b>2021 SAIDI</b>	<b>71.87</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.47
12.) <b>2021 SAIFI</b>	0.33

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** 0040
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Reynolds Rd. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,095
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/25/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 0.0%
- Planned Work- 2.5%
- Trees- 78.2%
- Utility Equipment- 13.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	28.93
10.) <b>2021 SAIDI</b>	98.29
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.22
12.) <b>2021 SAIFI</b>	0.75

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0041
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Leestown Rd. & Adams Ln. - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 63.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,120
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/27/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 2.2%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 13.3%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 30.6%
- Utility Equipment- 52.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 153.69
- 10.) **2021 SAIDI** 224.32
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.98
- 12.) **2021 SAIFI** 0.67

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2125 Liberty Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0042
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Codell Dr. & Plumbo Dr. - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,786
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/10/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 78.7%
- Construction- 0.7%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.6%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 2.0%
- Utility Equipment- 6.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 117.39
- 10.) **2021 SAIDI** 79.28
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85
- 12.) **2021 SAIFI** 1.31

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** 1,646
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 4.4%
- Non-Company- 0.0%
- Other/Unknown- 14.8%
- Overload- 0.0%
- Planned Work- 4.0%
- Trees- 74.5%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.35
- 10.) **2021 SAIDI** 76.69
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83
- 12.) **2021 SAIFI** 1.30
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** HALEY  
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 5481 Winchester Rd - Lexington  
3.) **CIRCUIT NAME AND NUMBER** 0046  
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester & Haley Rd - W of Substation  
5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.0  
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 395  
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 4.2%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 91.5%
- Utility Equipment- 1.5%
- Vehicle- 0.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	190.23
10.) <b>2021 SAIDI</b>	324.63
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.29
12.) <b>2021 SAIFI</b>	1.95

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0049
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Euclid Ave. - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,054
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 10.5%
- Overload- 0.0%
- Planned Work- 80.7%
- Trees- 8.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	43.81
10.) <b>2021 SAIDI</b>	110.83
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.38
12.) <b>2021 SAIFI</b>	1.03

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)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 987
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.9%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 54.9%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	123.29
10.) <b>2021 SAIDI</b>	484.13
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.47
12.) <b>2021 SAIFI</b>	1.25

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** 0052
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Waller Ave. & St. Joseph Dr. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 88
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 24.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 75.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1.99
10.) <b>2021 SAIDI</b>	4.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.05
12.) <b>2021 SAIFI</b>	0.15

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** 126
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 26.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 73.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	58.15
10.) <b>2021 SAIDI</b>	288.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.28
12.) <b>2021 SAIFI</b>	1.35

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** 0054
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - West High St & Broadway - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 748
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2021 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- 0.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 99.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	40.94
10.) <b>2021 SAIDI</b>	47.45
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.53
12.) <b>2021 SAIFI</b>	1.00

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)** 17.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,338
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 7.9%
- Construction- 0.0%
- Lightning- 2.7%
- Non-Company- 0.0%
- Other/Unknown- 11.4%
- Overload- 0.0%
- Planned Work- 28.2%
- Trees- 47.6%
- Utility Equipment- 2.0%
- Vehicle- 0.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	49.24
10.) <b>2021 SAIDI</b>	92.50
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.45
12.) <b>2021 SAIFI</b>	0.91

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** PROCTOR & GAMBLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 120 Zesta Pl - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0068
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Delaware Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 378
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/19/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.2%
- Overload- 0.0%
- Planned Work- 14.1%
- Trees- 38.3%
- Utility Equipment- 40.3%
- Vehicle- 4.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	37.55
10.) <b>2021 SAIDI</b>	39.34
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.26
12.) <b>2021 SAIFI</b>	0.26

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)** 8.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,372
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.7%
- Overload- 0.0%
- Planned Work- 6.6%
- Trees- 49.0%
- Utility Equipment- 42.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	39.40
10.) <b>2021 SAIDI</b>	79.69
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.51
12.) <b>2021 SAIFI</b>	0.46
13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b>	

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** 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** 3,086
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 18.0%
- Construction- 0.0%
- Lightning- 2.0%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 8.7%
- Trees- 63.0%
- Utility Equipment- 5.6%
- Vehicle- 0.9%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	33.08
10.) <b>2021 SAIDI</b>	64.98
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.31
12.) <b>2021 SAIFI</b>	0.68

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** 0075
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Floyd Dr - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,276
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/16/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.7%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 36.2%
- Overload- 0.0%
- Planned Work- 3.5%
- Trees- 58.7%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.14
- 10.) **2021 SAIDI** 66.83
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33
- 12.) **2021 SAIFI** 0.37
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER**                      TRAFTON AVENUE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER**                                      0078
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Lexington - Versailles Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                                      5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                                      500
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                                      01/22/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.3%
- Overload- 0.0%
- Planned Work- 41.4%
- Trees- 47.6%
- Utility Equipment- 7.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	8.75
10.) <b>2021 SAIDI</b>	9.44
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.08
12.) <b>2021 SAIFI</b>	0.08

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**            1,247
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**              01/25/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 7.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.1%
- Overload- 0.0%
- Planned Work- 57.2%
- Trees- 0.8%
- Utility Equipment- 19.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	43.82	
10.) <b>2021 SAIDI</b>	<b>78.78</b>	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.47	
12.) <b>2021 SAIFI</b>	<b>0.49</b>	

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** 149
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 20.6%
- Overload- 0.0%
- Planned Work- 5.9%
- Trees- 0.0%
- Utility Equipment- 73.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	56.85
10.) <b>2021 SAIDI</b>	109.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.78
12.) <b>2021 SAIFI</b>	1.60

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** 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** 220
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2021 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)** 19.73
- 10.) **2021 SAIDI** 26.30
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2021 SAIFI** 0.07

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** 1,715
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 2.3%
- Non-Company- 0.0%
- Other/Unknown- 1.6%
- Overload- 1.4%
- Planned Work- 34.0%
- Trees- 52.8%
- Utility Equipment- 6.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	87.99
10.) <b>2021 SAIDI</b>	174.08
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.47
12.) <b>2021 SAIFI</b>	1.09

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

Tree Trim Scheduled for 2022

- 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.) **2021 OUTAGES BY CAUSE**

- Animal- 4.0%
- Construction- 0.0%
- Lightning- 96.0%
- 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)** 40.81
- 10.) **2021 SAIDI** 37.51
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24
- 12.) **2021 SAIFI** 0.34
- 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** 0095
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Liberty Rd. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,684
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/23/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 18.6%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 13.8%
- Utility Equipment- 63.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	17.18
10.) <b>2021 SAIDI</b>	17.29
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.51
12.) <b>2021 SAIFI</b>	1.11

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** 1,296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 4.9%
- Trees- 71.7%
- Utility Equipment- 18.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 159.64
- 10.) **2021 SAIDI** 182.94
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.14
- 12.) **2021 SAIFI** 1.12

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

Tree Trim Scheduled for 2022



- 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)** 22.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,132
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 8.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 28.3%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 41.5%
- Utility Equipment- 20.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	24.39
10.) <b>2021 SAIDI</b>	28.55
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.40
12.) <b>2021 SAIFI</b>	0.21

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0098
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Chelsea Dr & Clays Mill Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 476
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 11.9%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 63.2%
- Utility Equipment- 22.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	85.23
10.) <b>2021 SAIDI</b>	203.88
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.74
12.) <b>2021 SAIFI</b>	1.57

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0101
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Shilito Park Rd. & Tiverton Way - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,955
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 19.8%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 77.2%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.08
10.) <b>2021 SAIDI</b>	35.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.23
12.) <b>2021 SAIFI</b>	0.71

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** 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** 610
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.5%
- Overload- 0.0%
- Planned Work- 89.2%
- Trees- 0.0%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	2.36
10.) <b>2021 SAIDI</b>	6.30
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.02
12.) <b>2021 SAIFI</b>	0.05

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** 0103
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Newtown Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,158
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/24/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.0%
- Lightning- 5.1%
- Non-Company- 0.0%
- Other/Unknown- 33.7%
- Overload- 0.0%
- Planned Work- 10.3%
- Trees- 42.8%
- Utility Equipment- 3.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.71
- 10.) **2021 SAIDI** 25.67
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.03
- 12.) **2021 SAIFI** 1.18
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** LANSLOWNE SWITCHING

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3200 Montavesta Rd. - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0106

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Nicholasville Rd - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,099

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.6%

Lightning- 0.7%

Non-Company- 0.1%

Other/Unknown- 7.6%

Overload- 0.1%

Planned Work- 2.4%

Trees- 87.1%

Utility Equipment- 1.0%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	113.36
10.) <b>2021 SAIDI</b>	46.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.09
12.) <b>2021 SAIFI</b>	1.22

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

Reliability Improvements Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0108
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tomahawk Tr & Harrodsburg Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 363
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/09/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 50.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 1.2%
- Utility Equipment- 32.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	45.08
10.) <b>2021 SAIDI</b>	50.55
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.48
12.) <b>2021 SAIFI</b>	0.75

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** 0109
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lakeshore Dr. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,002
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 3.4%
- Lightning- 7.8%
- Non-Company- 0.0%
- Other/Unknown- 1.9%
- Overload- 0.0%
- Planned Work- 2.5%
- Trees- 45.4%
- Utility Equipment- 37.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	64.99
10.) <b>2021 SAIDI</b>	<b>70.43</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.56
12.) <b>2021 SAIFI</b>	0.51

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)** 22.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,003
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 36.0%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 11.9%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 4.5%
- Utility Equipment- 44.1%
- Vehicle- 1.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.46
- 10.) **2021 SAIDI** 53.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.65
- 12.) **2021 SAIFI** 0.33

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** 22
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021

8.) **2021 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)** 6.95
- 10.) **2021 SAIDI** 2.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.03
- 12.) **2021 SAIFI** 0.04
- 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)** 24.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 305
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 91.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	15.57
10.) <b>2021 SAIDI</b>	35.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.14
12.) <b>2021 SAIFI</b>	0.31

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)**                 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**             1,095
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**             06/27/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 13.2%
- Utility Equipment- 81.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	55.12
10.) <b>2021 SAIDI</b>	<b>74.55</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.59
12.) <b>2021 SAIFI</b>	0.14

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** 1,304
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 6.0%
- Construction- 0.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.2%
- Overload- 0.0%
- Planned Work- 2.7%
- Trees- 28.2%
- Utility Equipment- 57.5%
- Vehicle- 0.2%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.43
- 10.) **2021 SAIDI** 119.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.65
- 12.) **2021 SAIFI** 0.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAKESHORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0132
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,115
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 6.6%
- Lightning- 0.3%
- Non-Company- 3.8%
- Other/Unknown- 5.4%
- Overload- 0.0%
- Planned Work- 1.8%
- Trees- 9.1%
- Utility Equipment- 72.8%
- Vehicle- 0.2%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 172.92
- 10.) **2021 SAIDI** 186.77
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.04
- 12.) **2021 SAIFI** 0.56

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAKESHORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0134
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd & Yorkshire Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,056
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 85.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	17.96
10.) <b>2021 SAIDI</b>	53.95
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	0.62

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** 0138
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Midland Ave & Main St. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 51
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground Circuit

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	11.27
10.) <b>2021 SAIDI</b>	37.97
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	1.00

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)** 26.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 969
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.2%
- Lightning- 27.1%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 11.4%
- Trees- 37.6%
- Utility Equipment- 22.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.30
- 10.) **2021 SAIDI** 51.12
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.03
- 12.) **2021 SAIFI** 1.27

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND PIPE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0143
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Forest Lake Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 473
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- 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- 98.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	19.39
10.) <b>2021 SAIDI</b>	62.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.42

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** 0145
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Glenview Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 31.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,922
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 13.9%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 12.6%
- Trees- 51.3%
- Utility Equipment- 19.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	17.76
10.) <b>2021 SAIDI</b>	32.82
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.19
12.) <b>2021 SAIFI</b>	0.27

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** 0147
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - clays Mill Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,498
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/27/2017

8.) **2021 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- 95.8%
- Trees- 3.3%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	31.49
10.) <b>2021 SAIDI</b>	41.72
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.53
12.) <b>2021 SAIFI</b>	0.90

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**                         1,282
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                             08/13/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 84.8%
- Construction- 8.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.9%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.74
10.) <b>2021 SAIDI</b>	66.01
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.30
12.) <b>2021 SAIFI</b>	0.44

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** 0151
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - I75 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 321
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/22/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 6.3%
- 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- 93.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	37.66
10.) <b>2021 SAIDI</b>	78.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	0.60

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAKESHORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0152
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 8
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	39.21
10.) <b>2021 SAIDI</b>	<b>87.81</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	<b>0.50</b>

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                      LAWRENCEBURG 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg
- 3.) **CIRCUIT NAME AND NUMBER**    0160
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Lawrenceburg - US HWY 127 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**    25.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**    812
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**    03/14/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 19.8%
- Construction- 0.0%
- Lightning- 2.0%
- Non-Company- 1.7%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 70.7%
- Utility Equipment- 5.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	126.18
10.) <b>2021 SAIDI</b>	393.60
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.13
12.) <b>2021 SAIFI</b>	2.20

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

Trees Trimmed in 2022



- 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.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 11.5%
- Trees- 0.0%
- Utility Equipment- 87.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.09
10.) <b>2021 SAIDI</b>	92.54
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.25
12.) <b>2021 SAIFI</b>	1.13

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)** 13.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,279
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 71.6%
- Overload- 0.0%
- Planned Work- 3.8%
- Trees- 23.7%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	37.29
10.) <b>2021 SAIDI</b>	85.61
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.43
12.) <b>2021 SAIFI</b>	1.10

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** 0163
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Russel St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 108
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 80.9%
- Overload- 0.0%
- Planned Work- 19.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.85
10.) <b>2021 SAIDI</b>	89.54
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.44
12.) <b>2021 SAIFI</b>	1.16

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** 0164
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - 4th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 223
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2021 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- 68.6%
- Trees- 0.0%
- Utility Equipment- 31.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.84
- 10.) **2021 SAIDI** 19.22
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12.) **2021 SAIFI** 0.09

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 - Lebaonon Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 23
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2021 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- 16.6%
- Trees- 83.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.58
10.) <b>2021 SAIDI</b>	30.34
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.22
12.) <b>2021 SAIFI</b>	0.35

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1353 Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0168
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - S Danville Bypass - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 19
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.2%
- Overload- 0.0%
- Planned Work- 93.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	28.71
10.) <b>2021 SAIDI</b>	97.77
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.11
12.) <b>2021 SAIFI</b>	0.40

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)** 1.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	2.03
10.) <b>2021 SAIDI</b>	10.13
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.03
12.) <b>2021 SAIFI</b>	0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1159 Industry Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0182
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Eastland Pky - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 12.2%
- Utility Equipment- 3.7%
- Vehicle- 79.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	117.86
10.) <b>2021 SAIDI</b>	228.17
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.98
12.) <b>2021 SAIFI</b>	1.96

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

Reliability Improvements Completed in 2021



- 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)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,004
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.4%
- Overload- 0.0%
- Planned Work- 61.6%
- Trees- 0.0%
- Utility Equipment- 30.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.08
- 10.) **2021 SAIDI** 9.07
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13
- 12.) **2021 SAIFI** 0.13
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAKESHORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3710 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0195
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Hays Blvd & Chilesburg Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 958
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 6.9%
- Construction- 2.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 89.3%
- Trees- 0.0%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	2.51
10.) <b>2021 SAIDI</b>	9.90
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.07
12.) <b>2021 SAIFI</b>	0.30

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

Continue to Monitor





- 1.) **SUBSTATION NAME AND NUMBER** LONDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Near corner of Foster Heights & Substation Rd - London
- 3.) **CIRCUIT NAME AND NUMBER** 0201
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - Waterworks Rd & Daniel Boone PKWY - W & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 586
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 34.6%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 63.6%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	86.07
10.) <b>2021 SAIDI</b>	148.00
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.89
12.) <b>2021 SAIFI</b>	1.58

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARISTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 57 Rocky Branch Rd - North Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0216
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - S Laurel Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 92
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 24.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 22.4%
- Utility Equipment- 53.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.46
- 10.) **2021 SAIDI** 63.40
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34
- 12.) **2021 SAIFI** 0.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARISTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 57 Rocky Branch Rd - North Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0217
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - S Laurel Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 863
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 4.1%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 67.8%
- Utility Equipment- 4.3%
- Vehicle- 22.5%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.60
- 10.) **2021 SAIDI** 108.27
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.93
- 12.) **2021 SAIFI** 0.50

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

Continue to Monitor





- 1.) **SUBSTATION NAME AND NUMBER** EAST BERNSTADT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 440 State HWY 490 - East Bernstadt
- 3.) **CIRCUIT NAME AND NUMBER** 0221
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** East Bernstadt - US HWY 25 - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 783
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 4.6%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 91.4%
- Utility Equipment- 1.9%
- Vehicle- 0.5%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.38
- 10.) **2021 SAIDI** 80.83
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2021 SAIFI** 0.35
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EAST BERNSTADT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 440 State HWY 490 - East Bernstadt
- 3.) **CIRCUIT NAME AND NUMBER** 0222
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** East Bernstadt - KY HWY 490 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 331
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/04/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 19.6%
- Other/Unknown- 20.9%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 58.6%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	128.57
10.) <b>2021 SAIDI</b>	322.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.96
12.) <b>2021 SAIFI</b>	1.27

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** 0225
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - I75 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 622
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/03/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 9.3%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 85.8%
- Utility Equipment- 3.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 115.78
- 10.) **2021 SAIDI** 122.83
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68
- 12.) **2021 SAIFI** 0.33

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)** 29.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,226
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 35.4%
- Non-Company- 0.0%
- Other/Unknown- 56.9%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 1.4%
- Utility Equipment- 2.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 107.02
- 10.) **2021 SAIDI** 94.75
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.90
- 12.) **2021 SAIFI** 1.44

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** 0227
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - Savoy Clear Creek Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 138
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 39.4%
- Non-Company- 0.0%
- Other/Unknown- 12.0%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 37.9%
- Utility Equipment- 9.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	159.23
10.) <b>2021 SAIDI</b>	226.63
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.05
12.) <b>2021 SAIFI</b>	2.04

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** 0230
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - Highway 92 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 659
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 13.2%
- Construction- 0.0%
- Lightning- 31.3%
- Non-Company- 0.0%
- Other/Unknown- 23.5%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 24.3%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 187.44
- 10.) **2021 SAIDI** 125.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.55
- 12.) **2021 SAIFI** 1.31

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSVILLE 1  
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 101 Old Greensburg Rd. - Campbellsville  
3.) **CIRCUIT NAME AND NUMBER** 0233  
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsville - Central Ave - E of Substation  
5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2  
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 885  
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/10/2019

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%  
Construction- 0.0%  
Lightning- 1.9%  
Non-Company- 0.0%  
Other/Unknown- 83.5%  
Overload- 0.0%  
Planned Work- 5.5%  
Trees- 1.9%  
Utility Equipment- 7.3%  
Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 53.19  
10.) **2021 SAIDI** 35.61  
11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70  
12.) **2021 SAIFI** 1.00  
13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 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)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 212
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/14/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	50.22
10.) <b>2021 SAIDI</b>	219.87
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.76
12.) <b>2021 SAIFI</b>	2.39

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** 738
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 25.1%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 51.4%
- Utility Equipment- 1.2%
- Vehicle- 18.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	71.98
10.) <b>2021 SAIDI</b>	100.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.68
12.) <b>2021 SAIFI</b>	1.11

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

Tree Trim Scheduled for 2022

- 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** 0278
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - Commonwealth Ave - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 755
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.1%
- Other/Unknown- 5.8%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 76.5%
- Utility Equipment- 2.0%
- Vehicle- 14.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 85.50
- 10.) **2021 SAIDI** 56.66
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05
- 12.) **2021 SAIFI** 1.36

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** HOPEWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Corner of American Greeting Rd and Hopewell Church Rd - North Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0286
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - Robinson Creek Rd & US HWY 25 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 73.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,026
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/08/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.7%
- Other/Unknown- 0.1%
- Overload- 1.0%
- Planned Work- 2.7%
- Trees- 93.0%
- Utility Equipment- 1.6%
- Vehicle- 0.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.87
- 10.) **2021 SAIDI** 93.24
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.87
- 12.) **2021 SAIFI** 0.54

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** HOPEWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Corner of American Greeting Rd and Hopewell Church Rd - North Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0287
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - National Cash Regist Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 290
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 98.6%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	23.22
10.) <b>2021 SAIDI</b>	78.26
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.19
12.) <b>2021 SAIFI</b>	0.54

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

Trees Trimmed in 2021

- 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)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 397
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/25/2015

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 55.7%
- Lightning- 0.0%
- Non-Company- 1.2%
- Other/Unknown- 15.6%
- Overload- 0.0%
- Planned Work- 6.1%
- Trees- 12.8%
- Utility Equipment- 7.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	40.38
10.) <b>2021 SAIDI</b>	62.86
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.34
12.) <b>2021 SAIFI</b>	0.48

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)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.93
10.) <b>2021 SAIDI</b>	31.65
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.28
12.) <b>2021 SAIFI</b>	0.40

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)** 11.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 83
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 50.3%
- Utility Equipment- 3.4%
- Vehicle- 44.4%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	140.35
10.) <b>2021 SAIDI</b>	301.51
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.47
12.) <b>2021 SAIFI</b>	1.15

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

Trees Trimmed in 2021

- 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)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 321
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 13.3%
- Construction- 0.0%
- Lightning- 4.2%
- Non-Company- 0.0%
- Other/Unknown- 13.2%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 67.7%
- Utility Equipment- 1.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.21
- 10.) **2021 SAIDI** 68.49
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.08
- 12.) **2021 SAIFI** 0.66
- 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)** 17.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 102
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/06/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 91.5%
- Utility Equipment- 7.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1019.73
10.) <b>2021 SAIDI</b>	2179.64
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	3.41
12.) <b>2021 SAIFI</b>	4.87

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MELDRUM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - HWY 25/Wilderness Rd S of HWY 2486 Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0308
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - US HWY 25E - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 50.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 831
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/07/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 19.2%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 76.0%
- Utility Equipment- 4.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	782.85
10.) <b>2021 SAIDI</b>	1268.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	3.96
12.) <b>2021 SAIFI</b>	4.90

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

Reliability Improvements Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** GREASY CREEK 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - US HWY 25 at HWY 3085 - Pineville US HWY 25 AT HWY 3085 PINEVILLE
- 3.) **CIRCUIT NAME AND NUMBER** 0309
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 92 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 328
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 53.9%
- Utility Equipment- 39.7%
- Vehicle- 2.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	325.41
10.) <b>2021 SAIDI</b>	534.98
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.90
12.) <b>2021 SAIFI</b>	1.93

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

Reliability Improvements Completed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** GREASY CREEK 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - US HWY 25 at HWY 3085 - Pineville US HWY 25 AT HWY 3085 PINEVILLE
- 3.) **CIRCUIT NAME AND NUMBER** 0310
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - Mocking Bird - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 162
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 47.6%
- Overload- 0.0%
- Planned Work- 11.1%
- Trees- 41.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 134.60
- 10.) **2021 SAIDI** 78.21
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.68
- 12.) **2021 SAIFI** 1.74
- 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** 0311

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Calloway - US HWY 119 - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 67.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 914

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 15.4%

Overload- 0.0%

Planned Work- 10.1%

Trees- 73.3%

Utility Equipment- 0.5%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	552.51
10.) <b>2021 SAIDI</b>	448.24
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	3.81
12.) <b>2021 SAIFI</b>	4.00

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)**                        22.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                    334
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      06/27/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 7.0%
- Overload- 0.0%
- Planned Work- 4.9%
- Trees- 48.4%
- Utility Equipment- 21.2%
- Vehicle- 18.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	458.22	
10.) <b>2021 SAIDI</b>	818.83	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.01	
12.) <b>2021 SAIFI</b>	3.55	

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 - Croner 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)** 36.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 836
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/15/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 3.2%
- Other/Unknown- 4.5%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 81.8%
- Utility Equipment- 8.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	160.51
10.) <b>2021 SAIDI</b>	264.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.70
12.) <b>2021 SAIFI</b>	1.84

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 - Croner of New US HWY 25 E and HWY 930 - Barbourville
- 3.) **CIRCUIT NAME AND NUMBER** 0314
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barbourville - US HWY 25E & Stinking Creek Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 393
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.4%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 82.7%
- Utility Equipment- 5.4%
- Vehicle- 0.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	300.66
10.) <b>2021 SAIDI</b>	777.24
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.14
12.) <b>2021 SAIFI</b>	4.22

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** 344
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 2.2%
- Overload- 0.0%
- Planned Work- 3.9%
- Trees- 47.5%
- Utility Equipment- 46.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	189.54
10.) <b>2021 SAIDI</b>	366.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.26
12.) <b>2021 SAIFI</b>	1.58

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** STRAIGHT CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - 3582 HWY 66 Arjay - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0317
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 221
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.6%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 85.9%
- Utility Equipment- 2.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	46.86
10.) <b>2021 SAIDI</b>	91.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.46
12.) <b>2021 SAIFI</b>	0.52

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

Continue to Monitor

- 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** 0321
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Alva - E Highway 72 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 63
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/02/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 85.3%
- Utility Equipment- 8.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 212.73
- 10.) **2021 SAIDI** 117.08
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.03
- 12.) **2021 SAIFI** 1.03

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** 30
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2021 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)** 215.83
- 10.) **2021 SAIDI** 118.63
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83
- 12.) **2021 SAIFI** 1.00

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** 0324
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Trosper - State HWY 225 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 36
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/02/2020

8.) **2021 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)** 219.50
- 10.) **2021 SAIDI** 118.58
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.71
- 12.) **2021 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WACO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 3761 New Irvine Rd - Madison East
- 3.) **CIRCUIT NAME AND NUMBER** 0330
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madison East - College Hill Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 177
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 72.2%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 26.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	119.46
10.) <b>2021 SAIDI</b>	573.94
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.44
12.) <b>2021 SAIFI</b>	2.05

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** 0336
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Red Lick - Wisemantown Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 537
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/27/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 3.7%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 95.7%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	96.33
10.) <b>2021 SAIDI</b>	190.82
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.52
12.) <b>2021 SAIFI</b>	0.57

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                      RICHMOND INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**   Madison - 110 Mikron Way - Richmond
- 3.) **CIRCUIT NAME AND NUMBER**                              0343
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Richmond - Pavilion Way - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                        8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                479
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                    09/07/2019

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>		13.94
10.) <b>2021 SAIDI</b>		69.22
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>		0.17
12.) <b>2021 SAIFI</b>		0.82

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

Continue to Monitor



1.) **SUBSTATION NAME AND NUMBER** RICHMOND INDUSTRIAL  
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 110 Mikron Way - Richmond  
3.) **CIRCUIT NAME AND NUMBER** 0344  
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - 1.51 miles S of Substation  
5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.0  
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5  
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2021 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)** 19.49  
10.) **2021 SAIDI** 8.96  
11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16  
12.) **2021 SAIFI** 0.20

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** 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** 447
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/02/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 77.8%
- Overload- 0.0%
- Planned Work- 16.7%
- Trees- 0.3%
- Utility Equipment- 5.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	74.49
10.) <b>2021 SAIDI</b>	194.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.64
12.) <b>2021 SAIFI</b>	1.73

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)** 7.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 658
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/02/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 10.3%
- Non-Company- 0.3%
- Other/Unknown- 22.0%
- Overload- 0.0%
- Planned Work- 36.6%
- Trees- 1.0%
- Utility Equipment- 28.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	31.68
10.) <b>2021 SAIDI</b>	74.11
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.69
12.) <b>2021 SAIFI</b>	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0360
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - State HWY 74 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 397
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/14/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 29.9%
- Overload- 0.0%
- Planned Work- 4.0%
- Trees- 63.4%
- Utility Equipment- 1.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 251.88
- 10.) **2021 SAIDI** 148.84
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.09
- 12.) **2021 SAIFI** 1.10

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

Trees Trimmed in 2021

- 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)** 15.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 478
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 30.2%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 53.8%
- Utility Equipment- 14.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	33.96
10.) <b>2021 SAIDI</b>	56.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.32
12.) <b>2021 SAIFI</b>	0.34

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

Trees Trimmed in 2021

- 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** 0366
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Asbury Rd & N 12th St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 444
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/18/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 35.5%
- Non-Company- 0.0%
- Other/Unknown- 19.3%
- Overload- 0.7%
- Planned Work- 2.1%
- Trees- 12.3%
- Utility Equipment- 29.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	132.99
10.) <b>2021 SAIDI</b>	164.46
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.15
12.) <b>2021 SAIFI</b>	1.98

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)** 10.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 530
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.9%
- Overload- 0.0%
- Planned Work- 3.0%
- Trees- 78.7%
- Utility Equipment- 9.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	89.80
10.) <b>2021 SAIDI</b>	262.42
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.79
12.) <b>2021 SAIFI</b>	1.82

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

Trees Trimmed in 2021

- 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)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 658
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/18/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 53.0%
- Construction- 0.0%
- Lightning- 2.6%
- Non-Company- 0.0%
- Other/Unknown- 34.2%
- Overload- 0.0%
- Planned Work- 4.6%
- Trees- 0.0%
- Utility Equipment- 5.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.20
- 10.) **2021 SAIDI** 37.13
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46
- 12.) **2021 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** 0371
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - N 19th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/18/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 77.4%
- Utility Equipment- 21.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	46.38
10.) <b>2021 SAIDI</b>	193.59
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.45
12.) <b>2021 SAIFI</b>	1.86

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

Trees Trimmed in 2021

- 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** 492
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 62.1%
- Overload- 0.0%
- Planned Work- 6.7%
- Trees- 13.7%
- Utility Equipment- 16.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.25
10.) <b>2021 SAIDI</b>	36.29
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.22
12.) <b>2021 SAIFI</b>	0.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MELDRUM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - HWY 25/Wilderness Rd S of HWY 2486 Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0390
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - S of Substation on US HWY 25E and E of Substation Colmar Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 320
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/24/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 63.2%
- Non-Company- 0.2%
- Other/Unknown- 21.6%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 13.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	175.52
10.) <b>2021 SAIDI</b>	386.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.57
12.) <b>2021 SAIFI</b>	3.25

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DELAPLAIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 413 Triport Cir - Sadieville
- 3.) **CIRCUIT NAME AND NUMBER** 0401
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sadieville - I75 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 104
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 82.5%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 17.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	158.86
10.) <b>2021 SAIDI</b>	474.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.74
12.) <b>2021 SAIFI</b>	1.71

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DELAPLAIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 413 Triport Cir - Sadieville
- 3.) **CIRCUIT NAME AND NUMBER** 0403
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sadieville - 0.41 Miles N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	198.28
10.) <b>2021 SAIDI</b>	751.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.60
12.) <b>2021 SAIFI</b>	1.00

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)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017

8.) **2021 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- 41.3%
- Utility Equipment- 58.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	85.14
10.) <b>2021 SAIDI</b>	267.00
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.73
12.) <b>2021 SAIFI</b>	2.00

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER**                         HOOVER 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**   Scott Ky - 3 Quality Dr - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER**                           0411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**       Georgetown - Pocaontas Trl - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                     20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**               1,640
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                 01/12/2019

- 8.) **2021 OUTAGES BY CAUSE**
  - Animal- 38.9%
  - Construction- 0.1%
  - Lightning- 0.0%
  - Non-Company- 0.0%
  - Other/Unknown- 0.8%
  - Overload- 0.0%
  - Planned Work- 3.2%
  - Trees- 0.0%
  - Utility Equipment- 57.0%
  - Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	56.83
10.) <b>2021 SAIDI</b>	109.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.07
12.) <b>2021 SAIFI</b>	1.27

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

- 1.) **SUBSTATION NAME AND NUMBER** DAYHOIT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Dayhoit Dr (Keith Tremont Rd) - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 0415
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - S US HWY 119 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 392
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 12.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 24.9%
- Overload- 0.0%
- Planned Work- 43.3%
- Trees- 18.7%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 216.38
- 10.) **2021 SAIDI** 160.48
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.89
- 12.) **2021 SAIFI** 2.24
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** GEORGETOWN 4KV  
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 207 W Clinton St - Georgetown  
3.) **CIRCUIT NAME AND NUMBER** 0421  
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Water St - N of Substation  
5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8  
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 317  
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/20/2018

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%  
Construction- 19.5%  
Lightning- 0.0%  
Non-Company- 0.0%  
Other/Unknown- 0.0%  
Overload- 0.0%  
Planned Work- 2.1%  
Trees- 6.1%  
Utility Equipment- 72.3%  
Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.27  
10.) **2021 SAIDI** 14.99  
11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12  
12.) **2021 SAIFI** 0.09  
13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 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** 0423
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wallins Creek - E on Wilson Ln & S on HWY 219
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/19/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 12.7%
- Other/Unknown- 7.1%
- Overload- 0.0%
- Planned Work- 3.7%
- Trees- 76.2%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	523.64
10.) <b>2021 SAIDI</b>	995.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.19
12.) <b>2021 SAIFI</b>	2.85

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

Continue to Monitor

- 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** 0427
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - S Broadway St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 752
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/13/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.9%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 86.6%
- Utility Equipment- 5.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.47
- 10.) **2021 SAIDI** 37.00
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.26
- 12.) **2021 SAIFI** 0.58
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
- Continue to Monitor

- 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)**                             68.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                     805
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                         01/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.1%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 69.8%
- Overload- 8.0%
- Planned Work- 2.4%
- Trees- 4.8%
- Utility Equipment- 12.7%
- Vehicle- 0.6%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	34.23
10.) <b>2021 SAIDI</b>	<b>50.73</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.26
12.) <b>2021 SAIFI</b>	<b>0.41</b>

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                   TURTLE CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 990 - Cawood
- 3.) **CIRCUIT NAME AND NUMBER**                   0432
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**   Cawood - HWY 990 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**               3.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**           88
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**           07/06/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.3%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 75.6%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	283.37
10.) <b>2021 SAIDI</b>	445.92
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.72
12.) <b>2021 SAIFI</b>	2.12

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                                      ROGERS GAP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**                Scott Ky - 192 Harbor Village Dr - Stamping Ground
- 3.) **CIRCUIT NAME AND NUMBER**    0450
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Stamping Ground - Cincinnati Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**    12.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                                      542
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**    11/02/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 6.1%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 37.7%
- Overload- 1.1%
- Planned Work- 6.5%
- Trees- 13.0%
- Utility Equipment- 35.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	32.54
10.) <b>2021 SAIDI</b>	37.91
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	0.29

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)** 43.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,577
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 20.2%
- Construction- 2.4%
- Lightning- 6.1%
- Non-Company- 0.0%
- Other/Unknown- 10.2%
- Overload- 0.0%
- Planned Work- 10.8%
- Trees- 25.9%
- Utility Equipment- 24.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.02
- 10.) **2021 SAIDI** 11.25
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10
- 12.) **2021 SAIFI** 0.12

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)** 43.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,581
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.8%
- Lightning- 71.8%
- Non-Company- 0.0%
- Other/Unknown- 8.3%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.4%
- Utility Equipment- 17.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.76
- 10.) **2021 SAIDI** 144.37
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.90
- 12.) **2021 SAIFI** 0.34

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** CLOVERLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 179 1/4 miles W from intersection of HWY 2006 and HWY 179 - Cumberland
- 3.) **CIRCUIT NAME AND NUMBER** 0458
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - State Hwy 2006 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 146
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/10/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 11.7%
- Non-Company- 0.0%
- Other/Unknown- 28.0%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 58.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	210.91
10.) <b>2021 SAIDI</b>	373.46
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.26
12.) <b>2021 SAIFI</b>	2.26

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** CLOVERLICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - HWY 179 1/4 miles W from intersection of HWY 2006 and HWY 179 - Cumberland
- 3.) **CIRCUIT NAME AND NUMBER** 0459
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - State Hwy 2006 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 449
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 31.0%
- Overload- 0.0%
- Planned Work- 69.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.78
10.) <b>2021 SAIDI</b>	33.36
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PEPPER PIKE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 4341 Frankfort Rd - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0461
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - E on US HWY 460 & S on Fishers Mill Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 50.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 537
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/02/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.3%
- Lightning- 22.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 2.9%
- Trees- 22.9%
- Utility Equipment- 46.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	61.82
10.) <b>2021 SAIDI</b>	<b>63.98</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.63
12.) <b>2021 SAIFI</b>	0.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OXFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 1827 Oxford Dr - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0472
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Oxford Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,108
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/31/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 81.1%
- Utility Equipment- 14.6%
- Vehicle- 3.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	30.88
10.) <b>2021 SAIDI</b>	75.36
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.23
12.) <b>2021 SAIFI</b>	0.36

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)** 47.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 579
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 69.8%
- Utility Equipment- 25.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 83.68
- 10.) **2021 SAIDI** 118.06
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.55
- 12.) **2021 SAIFI** 0.43

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)** 55.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 687
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 2.5%
- Non-Company- 0.0%
- Other/Unknown- 3.8%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 89.6%
- Utility Equipment- 2.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	108.50
10.) <b>2021 SAIDI</b>	158.68
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.66
12.) <b>2021 SAIFI</b>	1.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STAMPING GROUND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 3540 Main St - Stamping Ground
- 3.) **CIRCUIT NAME AND NUMBER** 0481
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stamping Ground - SE on Main St & N on Locust Fork Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 101.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,285
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.1%
- Lightning- 0.9%
- Non-Company- 0.6%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 76.5%
- Utility Equipment- 4.2%
- Vehicle- 12.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	117.64
10.) <b>2021 SAIDI</b>	193.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.73
12.) <b>2021 SAIFI</b>	1.16

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

Tree Trim Scheduled for 2022

- 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**                                      0488
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Upper Clover - Highway 38 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                                      2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                                      33
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                                      07/28/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 98.5%
- Overload- 0.0%
- Planned Work- 1.5%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	234.08
10.) <b>2021 SAIDI</b>	<b>500.41</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.20
12.) <b>2021 SAIFI</b>	<b>4.64</b>

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** 194
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.6%
- Overload- 0.0%
- Planned Work- 93.1%
- Trees- 3.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	143.63
10.) <b>2021 SAIDI</b>	144.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.22
12.) <b>2021 SAIFI</b>	1.22

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** 0500
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Woodford South - Troy Pike - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 93.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 948
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.7%
- Lightning- 6.4%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 30.8%
- Utility Equipment- 14.6%
- Vehicle- 42.8%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	104.01
10.) <b>2021 SAIDI</b>	142.37
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.65
12.) <b>2021 SAIFI</b>	1.08

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

Trees Trimmed in 2022

- 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)** 50.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,899
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 9.4%
- Overload- 0.0%
- Planned Work- 2.9%
- Trees- 29.3%
- Utility Equipment- 56.8%
- Vehicle- 0.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	48.61
10.) <b>2021 SAIDI</b>	75.89
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.43
12.) <b>2021 SAIFI</b>	1.02

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** 0504
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Midway - Weisenberger Mill Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 63.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 552
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/17/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.1%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 89.6%
- Utility Equipment- 4.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 221.33
- 10.) **2021 SAIDI** 184.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.21
- 12.) **2021 SAIFI** 1.61

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 150 Tanner Alley - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0505
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 546
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.0%
- Overload- 0.0%
- Planned Work- 54.0%
- Trees- 6.7%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	42.27
10.) <b>2021 SAIDI</b>	66.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.37
12.) <b>2021 SAIFI</b>	0.75

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 150 Tanner Alley - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0506
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Main St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 504
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 34.5%
- Overload- 0.0%
- Planned Work- 15.5%
- Trees- 31.5%
- Utility Equipment- 18.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	94.39
10.) <b>2021 SAIDI</b>	149.29
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.82
12.) <b>2021 SAIFI</b>	1.30

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)** 24.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,146
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 4.6%
- Non-Company- 0.0%
- Other/Unknown- 12.8%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 48.2%
- Utility Equipment- 32.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	108.45	
10.) <b>2021 SAIDI</b>	244.68	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.82	
12.) <b>2021 SAIFI</b>	2.31	

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)** 06/20/2020

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	30.66
10.) <b>2021 SAIDI</b>	66.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.15
12.) <b>2021 SAIFI</b>	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** 0514
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Rutter Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	72.12
10.) <b>2021 SAIDI</b>	360.60
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	1.00

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)** 25.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 813
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/04/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 23.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 73.5%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	107.05
10.) <b>2021 SAIDI</b>	192.25
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.66
12.) <b>2021 SAIFI</b>	0.76

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 144 Railroad Dr - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0523
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - S Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 75
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/15/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 73.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 26.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.33
- 10.) **2021 SAIDI** 3.52
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2021 SAIFI** 0.02
- 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)** 5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 199
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 47.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 5.2%
- Vehicle- 47.6%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.99
10.) <b>2021 SAIDI</b>	22.39
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.27

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** 478

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/09/2021

8.) **2021 OUTAGES BY CAUSE**

Animal- 20.2%

Construction- 0.0%

Lightning- 34.4%

Non-Company- 0.0%

Other/Unknown- 32.2%

Overload- 0.0%

Planned Work- 3.8%

Trees- 4.7%

Utility Equipment- 4.5%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	40.30
10.) <b>2021 SAIDI</b>	32.64
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.33
12.) <b>2021 SAIFI</b>	0.54
13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b>	

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** 0544
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burnside - City of Burnside - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 482
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/27/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 7.8%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 86.3%
- Utility Equipment- 4.6%
- Vehicle- 0.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.72
- 10.) **2021 SAIDI** 37.61
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42
- 12.) **2021 SAIFI** 0.51

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

Trees Trimmed in 2021

- 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** 263
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 65.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 29.7%
- Utility Equipment- 4.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	15.98
10.) <b>2021 SAIDI</b>	28.72
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.14
12.) <b>2021 SAIFI</b>	0.21

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER**                        SHELBY CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 401 Grubbs Ln - Junction City
- 3.) **CIRCUIT NAME AND NUMBER**                        0553
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**    Junction City - Hustonville Rd & Hwy 127 - SE & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                   20.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**            891
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                09/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 55.5%
- Non-Company- 0.0%
- Other/Unknown- 23.3%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 16.7%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	29.53
10.) <b>2021 SAIDI</b>	<b>43.27</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.26
12.) <b>2021 SAIFI</b>	<b>0.39</b>

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)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 263
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 90.3%
- Utility Equipment- 4.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	52.85
10.) <b>2021 SAIDI</b>	125.39
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.62
12.) <b>2021 SAIFI</b>	1.40

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** 0560
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eddyville - US HWY 62 & Riley Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 48.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 503
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 46.8%
- Non-Company- 0.0%
- Other/Unknown- 18.3%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 4.9%
- Utility Equipment- 24.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.80
- 10.) **2021 SAIDI** 32.27
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.71
- 12.) **2021 SAIFI** 1.39
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WHITLEY CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City
- 3.) **CIRCUIT NAME AND NUMBER** 0576
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stearns-Whitley City - US HWY 27 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 747
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 6.9%
- Overload- 0.0%
- Planned Work- 11.2%
- Trees- 81.0%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	320.65
10.) <b>2021 SAIDI</b>	528.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.23
12.) <b>2021 SAIFI</b>	3.35

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

Reliability Improvements Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** REVELO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCreary - N of 4850 S HWY 1651 - Stearns-Whitley City
- 3.) **CIRCUIT NAME AND NUMBER** 0577
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stearns-Whitley City - N & S on State HWY 1651
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 539
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 18.9%
- Trees- 58.4%
- Utility Equipment- 21.2%
- Vehicle- 0.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	132.81
10.) <b>2021 SAIDI</b>	241.11
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.89
12.) <b>2021 SAIFI</b>	1.29

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

Trees Trimmed in 2021

- 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)** 32.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,357
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 43.2%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 56.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.4%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	77.35
10.) <b>2021 SAIDI</b>	245.90
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.69
12.) <b>2021 SAIFI</b>	2.39

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILMORE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 210 W Linden St - Wilmore
- 3.) **CIRCUIT NAME AND NUMBER** 0585
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wilmore - College St - E & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 853
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 1.3%
- Non-Company- 0.0%
- Other/Unknown- 8.4%
- Overload- 0.0%
- Planned Work- 7.7%
- Trees- 73.3%
- Utility Equipment- 8.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.30
10.) <b>2021 SAIDI</b>	39.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.15
12.) <b>2021 SAIFI</b>	0.22

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

Trees Trimmed in 2021

- 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.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	0.67
10.) <b>2021 SAIDI</b>	0.94
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.01
12.) <b>2021 SAIFI</b>	0.02

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** INNOVATION DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0591
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Jaggie Fox Way - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 99
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 5.7%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 6.1%
- Trees- 0.0%
- Utility Equipment- 87.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.19
10.) <b>2021 SAIDI</b>	114.01
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.11
12.) <b>2021 SAIFI</b>	0.34

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** 0596
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Spurr Rd and Kearney Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 753
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.1%
- Construction- 0.3%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 93.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.40
- 10.) **2021 SAIDI** 34.06
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34
- 12.) **2021 SAIFI** 0.22

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)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,360
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 7.2%
- Construction- 1.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.8%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 81.9%
- Utility Equipment- 3.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.85
10.) <b>2021 SAIDI</b>	42.95
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.46

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** 373
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 19.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 17.7%
- Overload- 0.0%
- Planned Work- 57.1%
- Trees- 5.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.94
- 10.) **2021 SAIDI** 5.07
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2021 SAIFI** 0.10
- 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)** 23.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 628
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.1%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 5.8%
- Utility Equipment- 66.2%
- Vehicle- 22.9%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	53.92
10.) <b>2021 SAIDI</b>	131.70
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.88
12.) <b>2021 SAIFI</b>	1.89

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** 0607
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - Maysville Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,059
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.2%
- Lightning- 9.4%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 3.3%
- Trees- 85.7%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.21
- 10.) **2021 SAIDI** 33.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46
- 12.) **2021 SAIFI** 0.61
- 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** 0608
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - 6 miles W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 212
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/15/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 52.6%
- Non-Company- 0.0%
- Other/Unknown- 47.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	9.93
10.) <b>2021 SAIDI</b>	25.22
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.29

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** 0612
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salt Lick - US HWY 60 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 711
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/19/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.2%
- Lightning- 10.3%
- Non-Company- 58.5%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 27.3%
- Utility Equipment- 1.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	134.33
10.) <b>2021 SAIDI</b>	234.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.76
12.) <b>2021 SAIFI</b>	1.48

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)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 237
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/28/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.6%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 32.1%
- Utility Equipment- 67.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	48.61
10.) <b>2021 SAIDI</b>	150.19
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.48
12.) <b>2021 SAIFI</b>	1.47

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

Tree Trim Scheduled for 2022



- 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** 138
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 1.4%
- Lightning- 54.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 32.3%
- Utility Equipment- 11.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	11.49
10.) <b>2021 SAIDI</b>	35.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.12
12.) <b>2021 SAIFI</b>	0.24

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

Tree Trim Scheduled for 2022

- 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)** 22.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 623
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 53.7%
- Non-Company- 0.0%
- Other/Unknown- 2.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 39.9%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	38.75
10.) <b>2021 SAIDI</b>	51.19
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.39
12.) <b>2021 SAIFI</b>	0.57

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

Tree Trim Scheduled for 2022

- 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)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 371
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/27/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 15.8%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 58.6%
- Utility Equipment- 24.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	34.46
10.) <b>2021 SAIDI</b>	51.75
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	0.45

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 133 Gregory Ct - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0617
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Clearfield Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,434
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/27/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.6%
- Construction- 1.6%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 48.5%
- Utility Equipment- 43.1%
- Vehicle- 0.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	35.16
10.) <b>2021 SAIDI</b>	63.22
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.25
12.) <b>2021 SAIFI</b>	0.46

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 100 E Wilkinson Blvd - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0619
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Wilkinson Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 200
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2016

8.) **2021 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)** 1.09
- 10.) **2021 SAIDI** 1.13
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.02
- 12.) **2021 SAIFI** 0.01
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                                 RODBURN 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**     Rowan - 1974 US HWY 60 E - Morehead
- 3.) **CIRCUIT NAME AND NUMBER**   0623
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**             Morehead - Rodburn Hollow Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**   4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                                 306
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                                 01/27/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 33.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 65.8%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)**   32.65
- 10.) **2021 SAIDI**   31.50
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**   0.27
- 12.) **2021 SAIFI**   0.40
- 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** 0624

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Boonesborough - Boonesboro Rd - NW of Sub

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 8

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	3.62
10.) <b>2021 SAIDI</b>	18.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.05
12.) <b>2021 SAIFI</b>	0.25

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)**                      25.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                      1,032
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      12/16/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 6.1%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 92.4%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	74.39
10.) <b>2021 SAIDI</b>	<b>111.22</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.65
12.) <b>2021 SAIFI</b>	<b>0.95</b>

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

Tree Trim Scheduled for 2022



- 1.) **SUBSTATION NAME AND NUMBER** PARKER SEAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 390 Mt Sterling Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0630
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Cherry St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,407
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/19/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.3%
- Construction- 0.0%
- Lightning- 16.9%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 13.8%
- Trees- 65.1%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	28.74
10.) <b>2021 SAIDI</b>	41.79
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.30
12.) <b>2021 SAIFI</b>	0.31

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** BOONE AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 660 Boone Ave. - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0638
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Boonesboro Rd & Hillcrest Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 307
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 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- 22.5%
- Trees- 77.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	26.61
10.) <b>2021 SAIDI</b>	92.16
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.24
12.) <b>2021 SAIFI</b>	0.76

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** BOONE AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 660 Boone Ave. - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0639
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - By-Pass, Colby Rd, McClure Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,473
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 19.7%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 68.7%
- Utility Equipment- 8.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	63.34
10.) <b>2021 SAIDI</b>	101.25
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.79
12.) <b>2021 SAIFI</b>	1.48

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

Trees Trimmed in 2021

- 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** 1,095
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/25/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 6.4%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 30.9%
- Utility Equipment- 57.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.22
10.) <b>2021 SAIDI</b>	64.26
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.39
12.) <b>2021 SAIFI</b>	1.02

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** 0642
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Waterworks Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 224
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/04/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 1.3%
- Non-Company- 0.0%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 93.0%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.21
- 10.) **2021 SAIDI** 36.30
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36
- 12.) **2021 SAIFI** 0.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BOONESBORO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 170 Settlers Ln. - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0643
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Boonesboro - Ford Rd and HWY 418 - N and S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 111
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.3%
- Non-Company- 0.0%
- Other/Unknown- 11.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 84.6%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	77.20
10.) <b>2021 SAIDI</b>	215.04
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.80
12.) <b>2021 SAIFI</b>	2.43

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** 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** 13
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 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- 47.3%
- Trees- 0.0%
- Utility Equipment- 52.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	19.10
10.) <b>2021 SAIDI</b>	68.42
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	1.19

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** 0645
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Tech Dr, Rolling Hills Ln, Corporate Dr - W of Subs.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 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- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 98.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	55.89
10.) <b>2021 SAIDI</b>	188.97
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.48
12.) <b>2021 SAIFI</b>	1.06

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** 0646
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Sterling - Old Owingsville Rd, Arlington Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 605
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 0.1%
- Planned Work- 0.1%
- Trees- 2.1%
- Utility Equipment- 8.5%
- Vehicle- 86.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	89.56
10.) <b>2021 SAIDI</b>	356.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.69
12.) <b>2021 SAIFI</b>	2.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORPORATE DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 4011 Corporate Dr - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0648
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Corporate Dr - W NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 38
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	0.56
10.) <b>2021 SAIDI</b>	2.79
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.01
12.) <b>2021 SAIFI</b>	0.03

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.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 6.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 93.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 50.21
- 10.) **2021 SAIDI** 38.87
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.48
- 12.) **2021 SAIFI** 1.40
- 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** 0654
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Cleaton Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 8
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2018

8.) **2021 OUTAGES BY CAUSE**

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

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 33.83
- 10.) **2021 SAIDI** 7.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2021 SAIFI** 0.63

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEECHMONT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 3660 Merle Travis Hwy - Beechmont
- 3.) **CIRCUIT NAME AND NUMBER** 0696
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beechmont - US Hwy 431, Hazel Creek Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 412
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.3%
- Other/Unknown- 88.8%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 7.5%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.24
- 10.) **2021 SAIDI** 68.97
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.58
- 12.) **2021 SAIFI** 0.99

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** 14
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	163.98
10.) <b>2021 SAIDI</b>	184.30
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.45
12.) <b>2021 SAIFI</b>	1.00

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)** 51.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 939
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/04/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 79.7%
- Non-Company- 0.0%
- Other/Unknown- 14.8%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 1.3%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	80.16
10.) <b>2021 SAIDI</b>	114.24
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.11
12.) <b>2021 SAIFI</b>	3.10

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** 0705
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - 9th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 499
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/19/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 22.2%
- Overload- 63.6%
- Planned Work- 2.4%
- Trees- 11.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	11.38
10.) <b>2021 SAIDI</b>	16.48
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.21

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** 182
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 2.8%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 92.7%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	30.05
10.) <b>2021 SAIDI</b>	68.96
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	1.04

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER**                      WARSAW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Gallatin - RR 1 Box 51 - Warsaw
- 3.) **CIRCUIT NAME AND NUMBER**                      0727
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**      Warsaw - City of Warsaw - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                      8.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                      500
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      10/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.1%
- Non-Company- 0.0%
- Other/Unknown- 11.0%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 0.6%
- Utility Equipment- 83.4%
- Vehicle- 2.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.32
10.) <b>2021 SAIDI</b>	32.58
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.10
12.) <b>2021 SAIFI</b>	0.19

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)** 28.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 383
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 22.7%
- Non-Company- 0.0%
- Other/Unknown- 21.9%
- Overload- 0.0%
- Planned Work- 5.0%
- Trees- 47.3%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 111.55
- 10.) **2021 SAIDI** 37.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47
- 12.) **2021 SAIFI** 0.48
- 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**                                 0768

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**             Stanford - Danville Ave, Lancaster St - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)**                             11.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                     614

7.) **DATE OF LAST CIRCUIT TRIM (VM)**                         06/16/2018

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 25.2%

Non-Company- 0.0%

Other/Unknown- 12.2%

Overload- 0.0%

Planned Work- 3.7%

Trees- 58.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	25.38	
10.) <b>2021 SAIDI</b>	<b>27.90</b>	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.38	
12.) <b>2021 SAIFI</b>	<b>0.42</b>	

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** 1,443
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/14/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 1.8%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 94.1%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.38
10.) <b>2021 SAIDI</b>	53.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.38
12.) <b>2021 SAIFI</b>	1.04

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 100 E Wilkinson Blvd - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0779
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Wilkinson Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 466
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 70.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 25.6%
- Utility Equipment- 2.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	96.09
10.) <b>2021 SAIDI</b>	107.02
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.02
12.) <b>2021 SAIFI</b>	1.29

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**                    1,038
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                        08/28/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 18.8%
- Construction- 0.0%
- Lightning- 2.1%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 68.3%
- Utility Equipment- 9.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>		10.69
10.) <b>2021 SAIDI</b>		24.46
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>		0.14
12.) <b>2021 SAIFI</b>		0.30

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** CORPORATE DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 4011 Corporate Dr - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0798
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Enterprise Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/02/2017

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	18.55
10.) <b>2021 SAIDI</b>	79.40
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.08
12.) <b>2021 SAIFI</b>	0.20

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** CORPORATE DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 4011 Corporate Dr - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0799
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Corporate Dr & Fortune Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 38
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 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)** 3.02
- 10.) **2021 SAIDI** 2.53
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2021 SAIFI** 0.05
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- |  |   |
|--|---|
| 1.) SUBSTATION NAME AND NUMBER             | DETROIT HARVESTER 12KV                            |
| 2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN) | Bourbon - 115 W 20th St - Paris                   |
| 3.) CIRCUIT NAME AND NUMBER                | 0802  |
| 4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)    | Paris - Bypass Rd, Cynthiana Rd - N of Substation |
| 5.) TOTAL CIRCUIT LENGTH (MILES)           | 25.1  |
| 6.) CUSTOMER COUNT FOR THIS CIRCUIT        | 210   |
| 7.) DATE OF LAST CIRCUIT TRIM (VM)         | 01/18/2020  |

8.) 2021 OUTAGES BY CAUSE

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.7%
- Non-Company- 0.0%
- Other/Unknown- 4.2%
- Overload- 0.0%
- Planned Work- 11.4%
- Trees- 4.1%
- Utility Equipment- 76.5%
- Vehicle- 0.0%

- |  |       |
|--|-------|
| 9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)                           | 34.37 |
| 10.) 2021 SAIDI  | 33.16 |
| 11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)                          | 0.50  |
| 12.) 2021 SAIFI  | 1.11  |
| 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	0806	
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Paris - Cane Ridge Rd/KY 537, US HWY 68, & Bypass Rd - NE of Substation	
5.) TOTAL CIRCUIT LENGTH (MILES)	114.0	
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,036	
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/08/2022	
8.) 2021 OUTAGES BY CAUSE		
	Animal- 0.8%	
	Construction- 0.0%	
	Lightning- 4.7%	
	Non-Company- 0.1%	
	Other/Unknown- 2.5%	
	Overload- 0.0%	
	Planned Work- 0.0%	
	Trees- 80.6%	
	Utility Equipment- 11.3%	
	Vehicle- 0.0%	
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		35.26
10.) 2021 SAIDI		33.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.48
12.) 2021 SAIFI		0.50
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN		
	Trees Trimmed in 2022	

- 1.) **SUBSTATION NAME AND NUMBER** MILLERSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - Vimont Ln. – Millersburg
- 3.) **CIRCUIT NAME AND NUMBER** 0808
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Millersburg - Old US Hwy 68/Vimont St/HWY 68/HWY 1879 - NE/NW/SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 7.1%
- Trees- 47.6%
- Utility Equipment- 42.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	39.01
10.) <b>2021 SAIDI</b>	45.13
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.52
12.) <b>2021 SAIFI</b>	1.12

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

Trees Trimmed in 2022

- 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.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.19
10.) <b>2021 SAIDI</b>	14.88
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.11
12.) <b>2021 SAIFI</b>	0.24

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** 0810
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - Hanson Rd & Hwy 1069 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 887
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 2.4%
- Planned Work- 13.0%
- Trees- 69.4%
- Utility Equipment- 10.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	54.57
10.) <b>2021 SAIDI</b>	88.63
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.67
12.) <b>2021 SAIFI</b>	0.88

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** 0813
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - No Road - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 99.9%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.90
10.) <b>2021 SAIDI</b>	22.49
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.28
12.) <b>2021 SAIFI</b>	0.40

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)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 652
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/27/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 14.2%
- Construction- 0.0%
- Lightning- 50.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 8.2%
- Planned Work- 24.4%
- Trees- 0.0%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.99
- 10.) **2021 SAIDI** 16.07
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34
- 12.) **2021 SAIFI** 0.43
- 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** 0818
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - Mockingbird St, US 41, & Wells Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/15/2017

8.) **2021 OUTAGES BY CAUSE**

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

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.73
10.) <b>2021 SAIDI</b>	25.24
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.19
12.) <b>2021 SAIFI</b>	0.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORTONS GAP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 900 White Plains Rd - Mortons Gap
- 3.) **CIRCUIT NAME AND NUMBER** 0822
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mortons Gap - Hwy 1215 & City of Mortons Gap - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 483
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/30/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 7.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 41.6%
- Trees- 25.0%
- Utility Equipment- 25.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.46
- 10.) **2021 SAIDI** 18.57
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27
- 12.) **2021 SAIFI** 0.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORTONS GAP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 900 White Plains Rd - Mortons Gap
- 3.) **CIRCUIT NAME AND NUMBER** 0823
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mortons Gap - Trabue Rd, Flat Creek Rd, & Old White Plains Rd - N/S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 214
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2021 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- 99.8%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.80
- 10.) **2021 SAIDI** 16.89
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.86
- 12.) **2021 SAIFI** 1.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SYLVANIA 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 439 E Washington St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0847
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - E Washington, E Broadway St, Hickman St - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,496
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/26/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.0%
- Other/Unknown- 17.2%
- Overload- 0.0%
- Planned Work- 34.1%
- Trees- 4.1%
- Utility Equipment- 40.7%
- Vehicle- 1.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.93
10.) <b>2021 SAIDI</b>	43.45
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	0.61

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SYLVANIA 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 439 E Washington St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0849
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Ecton Rd, Iron Works Rd - NE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,215
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/26/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.9%
- Lightning- 23.8%
- Non-Company- 0.0%
- Other/Unknown- 15.0%
- Overload- 0.0%
- Planned Work- 4.9%
- Trees- 23.5%
- Utility Equipment- 31.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	54.16
10.) <b>2021 SAIDI</b>	145.48
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.61
12.) <b>2021 SAIFI</b>	1.03

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 - 900 Forest Lake Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0862
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - No Road - NE 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.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	69.16
10.) <b>2021 SAIDI</b>	345.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	1.00

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** 0866
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - Texas Mackville Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 45
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 27.2%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 72.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 158.59
- 10.) **2021 SAIDI** 157.90
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2021 SAIFI** 1.06

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** 0867
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Shannon Run, Hwy 169 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 379
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/25/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 7.3%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 62.8%
- Utility Equipment- 0.0%
- Vehicle- 26.9%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	78.55
10.) <b>2021 SAIDI</b>	104.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.53
12.) <b>2021 SAIFI</b>	0.53

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

Trees Trimmed in 2021



- 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)** 66.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,117
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.2%
- Lightning- 3.6%
- Non-Company- 0.0%
- Other/Unknown- 9.9%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 80.9%
- Utility Equipment- 2.3%
- Vehicle- 0.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 163.08
- 10.) **2021 SAIDI** 223.61
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.01
- 12.) **2021 SAIFI** 0.90

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER**                      BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER**                      0873
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**      Lexington - Bryant Rd & I75 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                      31.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                      1,920
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      11/12/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 5.1%
- Construction- 0.0%
- Lightning- 30.4%
- Non-Company- 0.0%
- Other/Unknown- 45.4%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 11.2%
- Utility Equipment- 7.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	81.67
10.) <b>2021 SAIDI</b>	<b>93.62</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.40
12.) <b>2021 SAIFI</b>	<b>0.70</b>

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)** 29.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,411
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/29/2016

8.) **2021 OUTAGES BY CAUSE**

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	14.1%
Overload-	0.0%
Planned Work-	0.0%
Trees-	0.5%
Utility Equipment-	85.3%
Vehicle-	0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.70
- 10.) **2021 SAIDI**  86.94
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15
- 12.) **2021 SAIFI**  0.48
- 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** 397
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/15/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.9%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 11.2%
- Trees- 0.0%
- Utility Equipment- 84.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.68
10.) <b>2021 SAIDI</b>	25.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.31

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** 219
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 43.2%
- Non-Company- 0.0%
- Other/Unknown- 4.6%
- Overload- 0.0%
- Planned Work- 42.1%
- Trees- 7.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.73
- 10.) **2021 SAIDI** 10.32
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.29
- 12.) **2021 SAIFI** 0.52

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** 169
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2021 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)** 2.23
- 10.) **2021 SAIDI** 0.44
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2021 SAIFI** 0.05

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** 0901
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Maddox Aly, 4th St, Plum St, Mulberry St- SE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 389
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2021 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- 67.8%
- Trees- 0.0%
- Utility Equipment- 20.4%
- Vehicle- 11.7%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	4.46
10.) <b>2021 SAIDI</b>	4.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.05
12.) <b>2021 SAIFI</b>	0.12

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** 0903
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - W 2nd St, W Mcdonald Pkwy - NW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 351
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 22.5%
- Overload- 0.0%
- Planned Work- 5.6%
- Trees- 71.7%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	32.41
10.) <b>2021 SAIDI</b>	49.30
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.33
12.) <b>2021 SAIFI</b>	0.59

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** 0904
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Bryant Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,074
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 99.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.12
- 10.) **2021 SAIDI** 44.11
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.51
- 12.) **2021 SAIFI** 0.64
- 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** 222
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.9%
- Overload- 0.0%
- Planned Work- 60.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.22
- 10.) **2021 SAIDI** 2.01
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2021 SAIFI** 0.04
- 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** 0920
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Lexington Rd, Duke of York St, Hwy 2515 - S of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,295
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/25/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.1%
- Lightning- 0.3%
- Non-Company- 49.1%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 1.7%
- Utility Equipment- 44.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	33.74
10.) <b>2021 SAIDI</b>	73.51
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.65
12.) <b>2021 SAIFI</b>	1.42

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** 0921
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - W Maple Leaf Rd, Jersey Ridge Rd - E&NE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 889
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 27.4%
- Non-Company- 0.0%
- Other/Unknown- 19.1%
- Overload- 0.0%
- Planned Work- 10.7%
- Trees- 4.2%
- Utility Equipment- 36.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.36
- 10.) **2021 SAIDI** 34.36
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.55
- 12.) **2021 SAIFI** 0.56

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** 116
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2021 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- 75.8%
- Trees- 22.2%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.38
- 10.) **2021 SAIDI** 12.51
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2021 SAIFI** 0.10

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)** 21.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 654
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 0.0%
- Lightning- 17.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 9.8%
- Trees- 63.5%
- Utility Equipment- 6.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 93.73
- 10.) **2021 SAIDI** 82.06
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.15
- 12.) **2021 SAIFI** 1.49
- 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** 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** 281
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2018

8.) **2021 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- 69.8%
- Trees- 3.2%
- Utility Equipment- 26.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.80
10.) <b>2021 SAIDI</b>	31.89
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.17
12.) <b>2021 SAIFI</b>	0.27

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)** 52.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 26.4%
- Utility Equipment- 72.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	84.15
10.) <b>2021 SAIDI</b>	241.17
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.55
12.) <b>2021 SAIFI</b>	1.05

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** 0937
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Woodward Rd, Clarks Run Rd - S&SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 558
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 28.4%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 56.9%
- Utility Equipment- 11.5%
- Vehicle- 0.3%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 96.57
- 10.) **2021 SAIDI** 133.92
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.95
- 12.) **2021 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** 0939
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Parkers Mill Rd - SW out of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 61.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,361
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/14/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 7.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 30.8%
- Other/Unknown- 44.7%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 10.0%
- Utility Equipment- 5.5%
- Vehicle- 0.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.54
10.) <b>2021 SAIDI</b>	130.45
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.46
12.) <b>2021 SAIFI</b>	1.74

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)** 48.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 655
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 11.5%
- Trees- 75.8%
- Utility Equipment- 7.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	54.91
10.) <b>2021 SAIDI</b>	65.55
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.34
12.) <b>2021 SAIFI</b>	0.47

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

Tree Trim Scheduled for 2022

- 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)** 23.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 231
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 1.9%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 2.5%
- Trees- 5.1%
- Utility Equipment- 39.8%
- Vehicle- 48.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	117.30
10.) <b>2021 SAIDI</b>	189.42
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.11
12.) <b>2021 SAIFI</b>	2.38

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)** 58.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 935
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/17/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.9%
- Construction- 2.3%
- Lightning- 63.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 1.8%
- Trees- 2.4%
- Utility Equipment- 26.8%
- Vehicle- 0.5%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 172.06
- 10.) **2021 SAIDI** 101.33
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.65
- 12.) **2021 SAIFI** 1.92

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEDONIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 6964 KY Hwy 11 - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0966
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Flemingsburg - Hwy 170, City of Ewing - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 523
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/17/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 40.4%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 55.7%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 231.84
- 10.) **2021 SAIDI** 66.64
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.92
- 12.) **2021 SAIFI** 1.07

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** EWINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 4006 Old Owingsville Rd - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0968
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - Owingsville Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	8.68
10.) <b>2021 SAIDI</b>	15.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.14
12.) <b>2021 SAIFI</b>	0.33

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** 175
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 84.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	55.13
10.) <b>2021 SAIDI</b>	140.36
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.54
12.) <b>2021 SAIFI</b>	1.39

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** 0970
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - Woodland Ln, Clarence Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1.28
10.) <b>2021 SAIDI</b>	6.42
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.04
12.) <b>2021 SAIFI</b>	0.20

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** 209
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/29/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 10.9%
- Non-Company- 0.0%
- Other/Unknown- 19.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 69.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 233.44
- 10.) **2021 SAIDI** 153.70
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75
- 12.) **2021 SAIFI** 1.32
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** BARLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - 433 Oscar Rd. - Barlow
- 3.) **CIRCUIT NAME AND NUMBER** 1311
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barlow - US Hwy 60 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 680
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 3.3%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.3%
- Other/Unknown- 13.8%
- Overload- 0.2%
- Planned Work- 4.8%
- Trees- 2.8%
- Utility Equipment- 74.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.92
- 10.) **2021 SAIDI** 44.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.57
- 12.) **2021 SAIFI** 0.47

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARDWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carlisle - US Hwy 62 - Bardwell
- 3.) **CIRCUIT NAME AND NUMBER** 1313
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardwell - US Hwy 62 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 26.3%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 10.9%
- Utility Equipment- 0.0%
- Vehicle- 62.8%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	110.10
10.) <b>2021 SAIDI</b>	191.76
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.88
12.) <b>2021 SAIFI</b>	1.56

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)** 27.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 658
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 14.6%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 82.5%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	156.18
10.) <b>2021 SAIDI</b>	548.68
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.83
12.) <b>2021 SAIFI</b>	2.09

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** CLINTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hickman - 318 Moss Drive - Clinton
- 3.) **CIRCUIT NAME AND NUMBER** 1318
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clinton - S Washington St, Mayfield Rd - E&SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 281
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 90.8%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 0.3%
- Utility Equipment- 5.2%
- Vehicle- 0.9%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	58.83
10.) <b>2021 SAIDI</b>	221.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.35
12.) <b>2021 SAIFI</b>	1.12

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)** 26.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 610
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.1%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 11.4%
- Overload- 0.0%
- Planned Work- 5.6%
- Trees- 2.0%
- Utility Equipment- 72.1%
- Vehicle- 4.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 77.47
- 10.) **2021 SAIDI** 34.12
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.72
- 12.) **2021 SAIFI** 1.23
- 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** 41
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.2%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 92.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	311.04
10.) <b>2021 SAIDI</b>	731.02
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.43
12.) <b>2021 SAIFI</b>	2.02

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

Trees Trimmed in 2021



- 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)** 41.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 798
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.0%
- Lightning- 44.4%
- Non-Company- 0.2%
- Other/Unknown- 18.5%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 25.7%
- Utility Equipment- 2.4%
- Vehicle- 3.8%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.08
- 10.) **2021 SAIDI** 49.79
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79
- 12.) **2021 SAIFI** 0.99

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** CLAY - KU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 62 W College St - Clay
- 3.) **CIRCUIT NAME AND NUMBER** 1408
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clay - S R 270, W Elm St - W & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 337
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 38.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 61.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	19.62
10.) <b>2021 SAIDI</b>	61.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	0.73

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	SPENCER CHEMICAL 12KV
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Henderson - 1413 Hwy 136 W - Henderson
3.) CIRCUIT NAME AND NUMBER	1437
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Henderson - Hwy 136 & Hwy 60 - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	4.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	84
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/28/2020

8.) **2021 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)	1.98
10.) 2021 SAIDI	2.84
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2021 SAIFI	0.02
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)** 23.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 376
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.1%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 75.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 9.5%
- Utility Equipment- 10.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	49.62
10.) <b>2021 SAIDI</b>	84.44
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.64
12.) <b>2021 SAIFI</b>	1.26

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SENTRY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 1000 John Hardy Rd - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 1455
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Manitou-Richland Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.86
10.) <b>2021 SAIDI</b>	64.28
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AIRLINE RD 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 1830 Clay St - Henderson
- 3.) **CIRCUIT NAME AND NUMBER** 1461
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Henderson - Clay St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 822
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 15.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 75.3%
- Utility Equipment- 3.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.99
10.) <b>2021 SAIDI</b>	20.58
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.18

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** ZION

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 7485 HWY 351 - Henderson

3.) **CIRCUIT NAME AND NUMBER** 1468

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Henderson - HWY 351/Zion Rd, Adams Ln, & Spring Garden Rd - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 720

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2020

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 11.6%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.7%

Overload- 0.0%

Planned Work- 61.9%

Trees- 13.8%

Utility Equipment- 7.7%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	92.31
10.) <b>2021 SAIDI</b>	96.52
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.45
12.) <b>2021 SAIFI</b>	0.78

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** 321
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.7%
- Overload- 0.0%
- Planned Work- 11.7%
- Trees- 0.0%
- Utility Equipment- 75.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.41
10.) <b>2021 SAIDI</b>	9.17
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.05
12.) <b>2021 SAIFI</b>	0.10

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** 265
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/30/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 96.8%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 3.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	42.02
10.) <b>2021 SAIDI</b>	179.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	1.11

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** 1492
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crofton - City of Crofton, Madisonville Rd - N&S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 465
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 78.2%
- Non-Company- 0.1%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 7.5%
- Utility Equipment- 11.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	96.14
10.) <b>2021 SAIDI</b>	314.04
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.98
12.) <b>2021 SAIFI</b>	2.14

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)** 11.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 416
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/13/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 5.3%
- Construction- 0.0%
- Lightning- 4.6%
- Non-Company- 0.0%
- Other/Unknown- 4.4%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 0.0%
- Utility Equipment- 83.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.29
- 10.) **2021 SAIDI** 34.53
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89
- 12.) **2021 SAIFI** 1.49

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)** 60.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 923
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/14/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 5.9%
- Overload- 0.0%
- Planned Work- 2.3%
- Trees- 79.3%
- Utility Equipment- 11.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	38.41
10.) <b>2021 SAIDI</b>	54.02
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.45
12.) <b>2021 SAIFI</b>	0.56

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

Trees Trimmed in 2021

- 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)** 27.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,023
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/06/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 1.5%
- Lightning- 33.9%
- Non-Company- 0.0%
- Other/Unknown- 35.3%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 14.7%
- Utility Equipment- 11.8%
- Vehicle- 0.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	48.84
10.) <b>2021 SAIDI</b>	60.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.20
12.) <b>2021 SAIFI</b>	3.04

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** 1508
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fredonia - Hwy 651, Loyd Rd, & Crayne Cemetery Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 220
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 81.7%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 3.1%
- Trees- 12.7%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	32.11
10.) <b>2021 SAIDI</b>	59.01
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.43
12.) <b>2021 SAIFI</b>	0.71

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)** 34.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 193
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 86.7%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 11.5%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 140.85
- 10.) **2021 SAIDI** 120.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.07
- 12.) **2021 SAIFI** 1.10

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)** 12.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 71
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 55.3%
- Utility Equipment- 40.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	96.06
10.) <b>2021 SAIDI</b>	142.79
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.78
12.) <b>2021 SAIFI</b>	1.46

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

Trees Trimmed in 2021



- 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** 1523
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Hwy 1220, Purdy Ln, & Walnut Grove Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/02/2017

8.) **2021 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- 0.1%
- Trees- 1.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	19.33
10.) <b>2021 SAIDI</b>	30.51
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	0.33

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** DAWSON SPRINGS

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 205 Munn St - Dawson Springs

3.) **CIRCUIT NAME AND NUMBER** 1525

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - N Trim St, Sycamore St - NW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 154

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2017

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 13.9%

Overload- 0.0%

Planned Work- 0.0%

Trees- 86.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	5.19
10.) <b>2021 SAIDI</b>	6.50
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.31
13.) <b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b>	

Tree Trim Scheduled for 2022

- 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)** 40.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 456
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/13/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 79.6%
- Utility Equipment- 18.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.27
10.) <b>2021 SAIDI</b>	36.30
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.34
12.) <b>2021 SAIFI</b>	0.42

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

Tree Trim Scheduled for 2022

- 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)** 26.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 350
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 98.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.3%
- Utility Equipment- 0.0%
- Vehicle- 0.8%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.06
- 10.) **2021 SAIDI** 17.77
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42
- 12.) **2021 SAIFI** 0.20

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 - Ilesley Rd, Union Temple Rd, & Hwy 112 - SW/NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 68.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/19/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 23.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 13.0%
- Utility Equipment- 63.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	49.14
10.) <b>2021 SAIDI</b>	58.99
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.61
12.) <b>2021 SAIFI</b>	0.66

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAVERS CHAPEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 7870 S R 181 N - Bremen
- 3.) **CIRCUIT NAME AND NUMBER** 1609
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bremen - S R 181, Buttermilk Rd, S R 175, & S R 81 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 95.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,784
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 11.1%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.2%
- Planned Work- 68.9%
- Trees- 10.9%
- Utility Equipment- 6.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 79.81
- 10.) **2021 SAIDI** 75.59
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.86
- 12.) **2021 SAIFI** 1.14
- 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** 1615
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Hwy 181, 62, 171, SR 189, & Bards Hill Rd - W&S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 97.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,838
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.1%
- Other/Unknown- 33.6%
- Overload- 0.0%
- Planned Work- 13.0%
- Trees- 10.6%
- Utility Equipment- 1.1%
- Vehicle- 36.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	55.86
10.) <b>2021 SAIDI</b>	57.87
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.73
12.) <b>2021 SAIFI</b>	0.88

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 117 E Depot St - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1621
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - College St & E Depot St - NE & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 403
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 94.0%
- Utility Equipment- 5.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	44.41
10.) <b>2021 SAIDI</b>	94.61
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.35
12.) <b>2021 SAIFI</b>	0.60

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

Trees Trimmed in 2021



- 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)** 1.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/22/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1.37
10.) <b>2021 SAIDI</b>	6.84
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.02
12.) <b>2021 SAIFI</b>	0.11

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)** 38.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 615
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 6.1%
- Non-Company- 0.0%
- Other/Unknown- 82.7%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 6.9%
- Utility Equipment- 3.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 154.85
- 10.) **2021 SAIDI** 101.92
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79
- 12.) **2021 SAIFI** 1.34

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)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 742
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 9.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 1.9%
- Planned Work- 3.2%
- Trees- 3.8%
- Utility Equipment- 0.0%
- Vehicle- 81.7%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.52
10.) <b>2021 SAIDI</b>	20.58
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.17
12.) <b>2021 SAIFI</b>	0.18

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** 781
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.2%
- Other/Unknown- 64.2%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 12.9%
- Utility Equipment- 21.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	94.86
10.) <b>2021 SAIDI</b>	123.18
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.84
12.) <b>2021 SAIFI</b>	2.35

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** 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** 413
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 16.3%
- Non-Company- 0.0%
- Other/Unknown- 69.2%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 0.8%
- Utility Equipment- 2.1%
- Vehicle- 10.8%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	31.31
10.) <b>2021 SAIDI</b>	31.74
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.38
12.) <b>2021 SAIFI</b>	0.45

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** 1668
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beech Creek - Arnold Hill Rd, State Route 1163 - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 282
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 6.8%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 90.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 119.28
- 10.) **2021 SAIDI** 79.60
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.03
- 12.) **2021 SAIFI** 1.11

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** 109
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/21/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 39.6%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 57.5%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 59.59
- 10.) **2021 SAIDI** 16.90
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.52
- 12.) **2021 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                      CENTERTOWN SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**    Ohio - 7526 S R 69 S - Centertown
- 3.) **CIRCUIT NAME AND NUMBER**                                1683
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Centertown - City of Centertown - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                            11.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                      300
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                        12/19/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 14.3%
- Trees- 84.6%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	44.67
10.) <b>2021 SAIDI</b>	164.55
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.36
12.) <b>2021 SAIFI</b>	1.03

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** 302
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/08/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.0%
- Overload- 0.0%
- Planned Work- 3.5%
- Trees- 0.0%
- Utility Equipment- 91.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	37.04
10.) <b>2021 SAIDI</b>	59.52
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.37
12.) <b>2021 SAIFI</b>	1.07

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.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.9%
- Overload- 0.0%
- Planned Work- 31.8%
- Trees- 59.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	2.96
10.) <b>2021 SAIDI</b>	7.87
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.04
12.) <b>2021 SAIFI</b>	0.12

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER**                      MARION SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**    Crittenden - 505 Chappell Hill Rd - Marion
- 3.) **CIRCUIT NAME AND NUMBER**                                1710
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Marion - Hwy 60, N Main St, Sturgis Rd, & Old Fords Ferry Rd - N & W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                            26.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                    900
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                        10/01/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 64.4%
- Overload- 0.1%
- Planned Work- 0.6%
- Trees- 0.3%
- Utility Equipment- 7.4%
- Vehicle- 26.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	93.08
10.) <b>2021 SAIDI</b>	107.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.13
12.) <b>2021 SAIFI</b>	1.43

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

- 1.) **SUBSTATION NAME AND NUMBER**                      MARION
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**    Crittenden - 106 Sparmill Rd - Marion
- 3.) **CIRCUIT NAME AND NUMBER**                              1715
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Marion - Gum St, Mill Rd, Sturgis Rd/Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                        9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                    373
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      10/08/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 15.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 84.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>		6.48
10.) <b>2021 SAIDI</b>		20.52
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>		0.08
12.) <b>2021 SAIFI</b>		0.24

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** STURGIS 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 1402 N Washington St - Sturgis
- 3.) **CIRCUIT NAME AND NUMBER** 1725
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sturgis - Cs 2047, 8th St, 3rd St, & 10th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 378
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2020

8.) **2021 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- 82.8%
- Utility Equipment- 17.2%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	3.39
10.) <b>2021 SAIDI</b>	10.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.04
12.) <b>2021 SAIFI</b>	0.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STURGIS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 1402 N Washington St - Sturgis
- 3.) **CIRCUIT NAME AND NUMBER** 1728
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sturgis - Hwy 60, King St, Hwy 270, & Hwy 143 - S & N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 46.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 984
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/06/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.7%
- Construction- 0.0%
- Lightning- 6.6%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 9.2%
- Trees- 8.7%
- Utility Equipment- 2.2%
- Vehicle- 68.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	33.19
10.) <b>2021 SAIDI</b>	48.01
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.31
12.) <b>2021 SAIFI</b>	0.54

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** 31
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 11.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 88.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.08
- 10.) **2021 SAIDI** 42.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66
- 12.) **2021 SAIFI** 1.07
- 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)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 285
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2021 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- 80.7%
- Utility Equipment- 19.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	4.85
10.) <b>2021 SAIDI</b>	<b>8.61</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.04
12.) <b>2021 SAIFI</b>	<b>0.05</b>

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER**                      CAMP BRECKINRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**    Union - 1820 S Route 2091 - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER**                                1759
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Morganfield - Marshall Rd, Headquarters Rd, & Patton Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                            19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                    256
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                        01/11/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 97.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>		37.85
10.) <b>2021 SAIDI</b>		47.72
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>		0.77
12.) <b>2021 SAIFI</b>		0.88

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMP BRECKINRIDGE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 1820 S Route 2091 - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1760
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - Routes 56, 2835, and Road A - W and E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 511
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 0.0%
- Utility Equipment- 85.5%
- Vehicle- 8.4%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	25.49
10.) <b>2021 SAIDI</b>	96.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.33
12.) <b>2021 SAIFI</b>	1.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORGANFIELD INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 3324 U S HWY 60 E - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1761
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - Hwy 60 E - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 39
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2021 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- 0.0%
- Vehicle- 100.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	29.65
10.) <b>2021 SAIDI</b>	<b>85.52</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.46
12.) <b>2021 SAIFI</b>	<b>1.00</b>

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)** 14.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 323
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/05/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 4.0%
- Non-Company- 0.1%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 2.6%
- Utility Equipment- 92.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 151.39
- 10.) **2021 SAIDI** 150.54
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68
- 12.) **2021 SAIFI** 1.08

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)** 24.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 512
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.3%
- Other/Unknown- 28.0%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 12.9%
- Utility Equipment- 58.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	93.13
10.) <b>2021 SAIDI</b>	316.31
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.76
12.) <b>2021 SAIFI</b>	2.13

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** 923
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/25/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 10.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 5.8%
- Utility Equipment- 82.6%
- Vehicle- 1.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.93
10.) <b>2021 SAIDI</b>	67.10
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.59
12.) <b>2021 SAIFI</b>	1.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ATOKA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 20 Parksville Cross Pike - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2100
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Parksville Cross Pike & Lebanon Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 278
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 46.4%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 46.1%
- Utility Equipment- 3.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.22
- 10.) **2021 SAIDI** 16.20
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19
- 12.) **2021 SAIFI** 0.22
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** ATOKA

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 20 Parksville Cross Pike - Danville

3.) **CIRCUIT NAME AND NUMBER** 2102

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville – Parksville Cross Pike & Lebanon Rd - S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 209

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2021 OUTAGES BY CAUSE**

Animal- 1.7%

Construction- 0.0%

Lightning- 0.6%

Non-Company- 0.0%

Other/Unknown- 4.1%

Overload- 0.0%

Planned Work- 1.1%

Trees- 1.6%

Utility Equipment- 89.0%

Vehicle- 2.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	48.56
10.) <b>2021 SAIDI</b>	68.75
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.40
12.) <b>2021 SAIFI</b>	1.06

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** 2106
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Kennedy Bridge Rd, Ashley Camp Rd, & Chminey Rock Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,172
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 6.3%
- Other/Unknown- 1.3%
- Overload- 0.4%
- Planned Work- 1.1%
- Trees- 34.4%
- Utility Equipment- 55.3%
- Vehicle- 0.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	69.01
10.) <b>2021 SAIDI</b>	204.20
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.62
12.) <b>2021 SAIFI</b>	1.70

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1866 S Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2119
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Crosses S Danville Bypass and Stops - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021

8.) **2021 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)** 898.65
- 10.) **2021 SAIDI** 358.25
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.80
- 12.) **2021 SAIFI** 2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1866 S Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2122
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Crosses S Danville Bypass - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 14.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 85.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	11.73
10.) <b>2021 SAIDI</b>	55.01
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.33
12.) <b>2021 SAIFI</b>	1.33

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 514 N Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2123
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Harrodsburg Rd, Maple Ave, Lexington Ave, & Springhill Rd - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,214
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/26/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 9.3%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 15.1%
- Trees- 66.0%
- Utility Equipment- 5.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.74
- 10.) **2021 SAIDI** 17.84
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24
- 12.) **2021 SAIFI** 0.39

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 514 N Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2124
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Whirlaway Dr, War Admiral Dr, & Bluegrass Pike - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 421
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/27/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 57.5%
- Overload- 0.0%
- Planned Work- 5.1%
- Trees- 15.4%
- Utility Equipment- 21.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.36
- 10.) **2021 SAIDI** 15.78
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21
- 12.) **2021 SAIFI** 0.22
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 231 N Chiles St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2126
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - W Broadway St, Chiles St, & Hill St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 484
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.4%
- Other/Unknown- 19.4%
- Overload- 0.0%
- Planned Work- 8.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 65.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	10.84
10.) <b>2021 SAIDI</b>	11.43
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.15
12.) <b>2021 SAIFI</b>	0.19

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 231 N Chiles St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2127
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Factory St, N Main St, & Greenville St - N/E/S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 310
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021

8.) **2021 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- 12.0%
- Trees- 88.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	8.77
10.) <b>2021 SAIDI</b>	36.12
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.16
12.) <b>2021 SAIFI</b>	0.73

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

Trees Trimmed in 2021

- 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)** 20.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,101
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.0%
- Lightning- 8.3%
- Non-Company- 0.0%
- Other/Unknown- 44.9%
- Overload- 0.0%
- Planned Work- 15.1%
- Trees- 26.9%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.76
- 10.) **2021 SAIDI** 19.86
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22
- 12.) **2021 SAIFI** 0.31

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

Trees Trimmed in 2021



- 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** 2131
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Lexington Rd, Burgin Rd, & City of Burgin - NE/SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 824
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 2.9%
- Trees- 89.8%
- Utility Equipment- 4.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	40.01
10.) <b>2021 SAIDI</b>	57.95
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.72
12.) <b>2021 SAIFI</b>	1.07

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 1020 N College St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2132
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Louisville Rd, Virginia Ave, & Sleepy Hollow Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 721
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 4.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.4%
- Overload- 0.0%
- Planned Work- 7.7%
- Trees- 85.8%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	44.12
10.) <b>2021 SAIDI</b>	55.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.52
12.) <b>2021 SAIFI</b>	0.66

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

Trees Trimmed in 2022

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 1020 N College St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2133
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - N College St, Lynn Dr, & Cornishville St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 493
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 7.0%
- Construction- 0.0%
- Lightning- 7.0%
- Non-Company- 0.0%
- Other/Unknown- 62.1%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 14.5%
- Utility Equipment- 7.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.65
10.) <b>2021 SAIDI</b>	16.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.14
12.) <b>2021 SAIFI</b>	0.17

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** 2134
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Tapp Rd, Moberly Rd, & Mackville Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 962
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.1%
- Construction- 0.0%
- Lightning- 37.9%
- Non-Company- 0.0%
- Other/Unknown- 5.0%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 0.3%
- Utility Equipment- 51.4%
- Vehicle- 2.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	36.83
10.) <b>2021 SAIDI</b>	72.96
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.80
12.) <b>2021 SAIFI</b>	1.93

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)** 5.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 364
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.0%
- Overload- 0.0%
- Planned Work- 7.4%
- Trees- 88.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.25
- 10.) **2021 SAIDI** 19.05
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.31
- 12.) **2021 SAIFI** 0.23

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)**                     3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                110
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                    02/24/2018

- 8.) **2021 OUTAGES BY CAUSE**
  - Animal- 0.0%
  - Construction- 0.0%
  - Lightning- 0.0%
  - Non-Company- 0.0%
  - Other/Unknown- 11.4%
  - Overload- 0.0%
  - Planned Work- 3.8%
  - Trees- 84.8%
  - Utility Equipment- 0.0%
  - Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	20.29
10.) <b>2021 SAIDI</b>	65.03
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.77

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

- 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** 2149
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Wilderness Rd, Limestone - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 78
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 85.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	357.26
10.) <b>2021 SAIDI</b>	464.74
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.13
12.) <b>2021 SAIFI</b>	2.90

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALVISA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 4455 Louisville Rd - Salvisa
- 3.) **CIRCUIT NAME AND NUMBER** 2150
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salvisa - Main St, Louisville Rd, & Talmage Rd - NW & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 689
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 95.3%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 0.2%
- Utility Equipment- 0.7%
- Vehicle- 0.5%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	63.85
10.) <b>2021 SAIDI</b>	145.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.67
12.) <b>2021 SAIFI</b>	1.11

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)** 31.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 319
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/28/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 47.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 47.2%
- Utility Equipment- 2.9%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.74

10.) **2021 SAIDI** 77.33

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68

12.) **2021 SAIFI** 1.11

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

Tree Trim Scheduled for 2022

1.) **SUBSTATION NAME AND NUMBER** SHAKERTOWN

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 3499 Lexington Rd - Harrodsburg

3.) **CIRCUIT NAME AND NUMBER** 2152

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Lexington Rd & Sexton Rd - SW of the Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 70

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/28/2017

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 73.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 4.7%

Utility Equipment- 21.7%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.40
10.) <b>2021 SAIDI</b>	73.93
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.21
12.) <b>2021 SAIFI</b>	0.57

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** 2160
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burgin - Dix Dam Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 20
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2022

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1.31
10.) <b>2021 SAIDI</b>	6.21
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.02
12.) <b>2021 SAIFI</b>	0.05

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)** 36.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 816
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/17/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 9.4%
- Construction- 0.0%
- Lightning- 12.1%
- Non-Company- 1.1%
- Other/Unknown- 21.3%
- Overload- 0.0%
- Planned Work- 10.6%
- Trees- 45.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.59
- 10.) **2021 SAIDI** 24.27
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21
- 12.) **2021 SAIFI** 0.26
- 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)**                                 20.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                             2,075
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                                 06/22/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.3%
- Overload- 0.0%
- Planned Work- 22.8%
- Trees- 28.2%
- Utility Equipment- 31.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	31.09
10.) <b>2021 SAIDI</b>	55.31
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.36
12.) <b>2021 SAIFI</b>	0.73

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

Continue to Monitor

- 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)** 08/10/2019

8.) **2021 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- 2.7%
- Trees- 85.2%
- Utility Equipment- 10.9%
- Vehicle- 1.1%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	39.78
10.) <b>2021 SAIDI</b>	135.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.55
12.) <b>2021 SAIFI</b>	2.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                      CAMPBELLSVILLE 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 101 Old Greensburg Rd. - Campbellsville
- 3.) **CIRCUIT NAME AND NUMBER**    2205
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Campbellsville - HWY 3350 Bypass - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**    17.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**    1,239
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**    12/31/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 10.7%
- Construction- 1.9%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 7.8%
- Trees- 14.4%
- Utility Equipment- 62.3%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)**    28.60

10.) **2021 SAIDI**    15.53

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**    0.41

12.) **2021 SAIFI**    0.44

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER**                      LEBANON EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 541 Corporate Dr. - Lebanon
- 3.) **CIRCUIT NAME AND NUMBER**    2207
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                      Lebanon - Corporate Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**    0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**    1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**    10/05/2019

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	84.98	
10.) <b>2021 SAIDI</b>	424.88	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20	
12.) <b>2021 SAIFI</b>	1.00	

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** COLUMBIA SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Adair - 1139 Gaston Ave - Columbia
- 3.) **CIRCUIT NAME AND NUMBER** 2209
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - KY 55, Tutt St, Bomar Hts, Hwy 61/80, & Greensburg St - NW & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 881
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 17.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.2%
- Overload- 0.0%
- Planned Work- 12.9%
- Trees- 0.0%
- Utility Equipment- 3.2%
- Vehicle- 57.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	22.81
10.) <b>2021 SAIDI</b>	32.77
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.26
12.) <b>2021 SAIFI</b>	0.41

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.) **2021 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- 36.0%
- Trees- 0.0%
- Utility Equipment- 1.7%
- Vehicle- 61.5%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.93
- 10.) **2021 SAIDI** 24.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35
- 12.) **2021 SAIFI** 0.35

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** 673
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 88.6%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 0.0%
- Utility Equipment- 1.8%
- Vehicle- 3.6%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	35.88
10.) <b>2021 SAIDI</b>	123.72
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.38
12.) <b>2021 SAIFI</b>	1.16

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** 2213
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greensburg - US 68, Cemetery Rd, Valley Dr, & E Columbia Ave - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 492
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.6%
- Construction- 0.0%
- Lightning- 8.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 86.6%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.25
10.) <b>2021 SAIDI</b>	<b>85.07</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.71
12.) <b>2021 SAIFI</b>	<b>2.13</b>

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)** 19.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 98.4%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	120.23
10.) <b>2021 SAIDI</b>	256.54
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.48
12.) <b>2021 SAIFI</b>	1.06

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** 2218

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bradfordsville - Bradfordsville Rd, Hwy 49, & Central Ave - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 386

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/11/2020

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 23.9%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.1%

Trees- 72.9%

Utility Equipment- 2.8%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	185.78
10.) <b>2021 SAIDI</b>	214.96
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.69
12.) <b>2021 SAIFI</b>	3.35

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)** 37.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 383
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 71.2%
- Utility Equipment- 18.1%
- Vehicle- 8.6%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	37.52
10.) <b>2021 SAIDI</b>	50.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.24
12.) <b>2021 SAIFI</b>	0.48

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)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 617
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 12.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 29.9%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 18.3%
- Trees- 21.1%
- Utility Equipment- 18.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.59
- 10.) **2021 SAIDI** 7.00
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10
- 12.) **2021 SAIFI** 0.07

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** 2230
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - Geneva Dr, Shawnee Ave, & Comanche Way - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 183
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 98.2%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	74.58
10.) <b>2021 SAIDI</b>	86.32
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.65
12.) <b>2021 SAIFI</b>	0.80

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** 2232
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - My Old KY Home St Park & Gilkey Run Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 132
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/13/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.3%
- Non-Company- 0.0%
- Other/Unknown- 98.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	139.15
10.) <b>2021 SAIDI</b>	253.59
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.13
12.) <b>2021 SAIFI</b>	2.05

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**                                 2237
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**                 Richmond - Westover Ave, Tates Creek Rd, S Keeneland Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                                 7.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                         529
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                                 08/31/2019

- 8.) **2021 OUTAGES BY CAUSE**
  - Animal- 3.1%
  - Construction- 0.0%
  - Lightning- 0.0%
  - Non-Company- 8.5%
  - Other/Unknown- 4.1%
  - Overload- 0.0%
  - Planned Work- 1.3%
  - Trees- 77.2%
  - Utility Equipment- 4.9%
  - Vehicle- 0.9%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)**   20.26

10.) **2021 SAIDI**   15.97

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

12.) **2021 SAIFI**   0.19

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** 228
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 22.5%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 76.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	34.46
10.) <b>2021 SAIDI</b>	58.38
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.24
12.) <b>2021 SAIFI</b>	0.42

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** 2303
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Irvine - River Dr, Broadway Ave, & KY 89 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 896
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.7%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 0.3%
- Utility Equipment- 93.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	168.49
10.) <b>2021 SAIDI</b>	244.24
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.02
12.) <b>2021 SAIFI</b>	1.14

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** 2307
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - 0.00 miles
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	1860.57
10.) <b>2021 SAIDI</b>	9302.83
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAINT LICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 11811 HWY 52 E - Paint Lick
- 3.) **CIRCUIT NAME AND NUMBER** 2309
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Paint Lick - HWY 52, Kirksville Rd, & Curtis Pike - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 313
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/18/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 13.2%
- Non-Company- 0.1%
- Other/Unknown- 2.9%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 71.6%
- Utility Equipment- 1.7%
- Vehicle- 9.7%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	179.62
10.) <b>2021 SAIDI</b>	269.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.21
12.) <b>2021 SAIFI</b>	2.86

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** 2318

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - E Irvine St, Bluegrass Dr, & E Main St - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 746

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 33.4%

Overload- 0.0%

Planned Work- 0.0%

Trees- 31.8%

Utility Equipment- 34.8%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	38.55
10.) <b>2021 SAIDI</b>	115.33
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.36
12.) <b>2021 SAIFI</b>	1.01

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)** 36.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,371
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.1%
- Other/Unknown- 29.7%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 63.7%
- Utility Equipment- 3.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.99
- 10.) **2021 SAIDI** 36.21
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41
- 12.) **2021 SAIFI** 0.36

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** 2320
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - DR Martin BYP, Commercial Dr, & Berea Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,467
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 36.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.0%
- Overload- 0.0%
- Planned Work- 10.2%
- Trees- 15.3%
- Utility Equipment- 33.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	13.64
10.) <b>2021 SAIDI</b>	<b>18.08</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.20
12.) <b>2021 SAIFI</b>	<b>0.46</b>

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**                      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)**                  25.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**            1,748
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**              12/13/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 21.7%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 5.6%
- Trees- 70.9%
- Utility Equipment- 0.0%
- Vehicle- 1.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	4.47
10.) <b>2021 SAIDI</b>	11.30
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.03
12.) <b>2021 SAIFI</b>	0.03

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)** 5.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 658

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/28/2019

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 49.3%

Other/Unknown- 19.7%

Overload- 0.0%

Planned Work- 3.0%

Trees- 16.9%

Utility Equipment- 10.6%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	19.14
10.) <b>2021 SAIDI</b>	53.52
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.37
12.) <b>2021 SAIFI</b>	1.30

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**                         2324
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**       Richmond - Eastern Ave, Barnes Mill Rd, & Brookview Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                    5.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**               692
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                 12/07/2019

- 8.) **2021 OUTAGES BY CAUSE**
- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.6%
- Overload- 0.0%
- Planned Work- 44.7%
- Trees- 10.9%
- Utility Equipment- 31.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)**                                 7.33
- 10.) **2021 SAIDI**   11.43
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)**                                 0.09
- 12.) **2021 SAIFI**   0.11
- 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)** 18.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 895
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 11.2%
- Lightning- 9.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 63.7%
- Trees- 0.0%
- Utility Equipment- 14.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.86
- 10.) **2021 SAIDI** 11.39
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13
- 12.) **2021 SAIFI** 0.11
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BONNIEVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 8074 N Dixie Hwy - Bonnieville
- 3.) **CIRCUIT NAME AND NUMBER** 2401
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bonnieville - Follows US 31 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 158
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/25/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 2.7%
- Non-Company- 0.0%
- Other/Unknown- 64.6%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 27.8%
- Utility Equipment- 4.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.15
10.) <b>2021 SAIDI</b>	44.87
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.10
12.) <b>2021 SAIFI</b>	0.25

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)** 30.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 351
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 6.8%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.7%
- Other/Unknown- 36.0%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 4.4%
- Utility Equipment- 51.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	77.90
10.) <b>2021 SAIDI</b>	105.64
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.71
12.) <b>2021 SAIFI</b>	1.05

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** 2405
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Leitchfield - Farmview Ln, Hwy 3155, & Grayson Springs Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 140
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.8%
- Overload- 3.6%
- Planned Work- 0.0%
- Trees- 75.7%
- Utility Equipment- 4.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	5.12
10.) <b>2021 SAIDI</b>	10.91
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.06
12.) <b>2021 SAIFI</b>	0.08

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

Trees Trimmed in 2021

- 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)** 14.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 268
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 11.2%
- Construction- 4.3%
- Lightning- 5.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 23.2%
- Trees- 56.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.17
- 10.) **2021 SAIDI** 8.10
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18
- 12.) **2021 SAIFI** 0.25

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** 2410
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Dixie Hwy, Grays Rd, & Diecks Dr - E & NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,387
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/13/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.3%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 5.1%
- Trees- 92.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.63
- 10.) **2021 SAIDI** 23.67
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.44
- 12.) **2021 SAIFI** 0.10

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2413
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Long Ave, Saint John Rd, & College Street Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 886
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/27/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 11.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 59.0%
- Overload- 0.0%
- Planned Work- 13.4%
- Trees- 13.8%
- Utility Equipment- 1.0%
- Vehicle- 1.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	24.88
10.) <b>2021 SAIDI</b>	37.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.44
12.) <b>2021 SAIFI</b>	1.23

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** 2414
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Woodland Dr, Ring Rd, & N Dixie HWY - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,325
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/20/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 38.2%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 1.0%
- Other/Unknown- 37.6%
- Overload- 0.0%
- Planned Work- 13.1%
- Trees- 3.8%
- Utility Equipment- 5.7%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	18.84
10.) <b>2021 SAIDI</b>	20.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.27
12.) <b>2021 SAIFI</b>	0.36

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** 2415
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Woodland Dr, Saint John Rd, & Westport Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 549
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 55.2%
- Utility Equipment- 42.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	35.64
10.) <b>2021 SAIDI</b>	69.56
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.73
12.) <b>2021 SAIFI</b>	1.04

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 4
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 201 Sportsman Lake Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2417
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Hodgenville Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/16/2020

8.) **2021 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- 0.0%
- Vehicle- 100.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	9.72
10.) <b>2021 SAIDI</b>	48.62
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.13
12.) <b>2021 SAIFI</b>	0.67

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 5
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 800 N Mulberry St - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2421
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - N Mulberry Ave, Quince Aly, & Wall St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 699
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 3.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 17.6%
- Overload- 0.0%
- Planned Work- 72.2%
- Trees- 4.6%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.86
- 10.) **2021 SAIDI** 42.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.65
- 12.) **2021 SAIFI** 0.45

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 5
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 800 N Mulberry St - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2423
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Brooks Str, N Main St, & Guthrie St - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 565
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 38.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 1.4%
- Planned Work- 56.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.7%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	54.31
10.) <b>2021 SAIDI</b>	72.71
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.87
12.) <b>2021 SAIFI</b>	1.58

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 5
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 800 N Mulberry St - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2424
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Joan Ave, McCullum Ave, & Bellwood Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 574
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 63.6%
- Lightning- 0.0%
- Non-Company- 4.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 30.1%
- Trees- 1.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	36.47
10.) <b>2021 SAIDI</b>	73.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.48
12.) <b>2021 SAIFI</b>	1.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HODGENVILLE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Larue - 500 W High Ave - Hodgenville
- 3.) **CIRCUIT NAME AND NUMBER** 2429
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hodgenville - Tonieville Rd, N Lincoln Blvd, & Phillips Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 374
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/17/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.5%
- Overload- 0.0%
- Planned Work- 60.1%
- Trees- 0.0%
- Utility Equipment- 20.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	7.78
10.) <b>2021 SAIDI</b>	14.32
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.09
12.) <b>2021 SAIFI</b>	0.16

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)** 22.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 885
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.1%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 91.0%
- Utility Equipment- 6.5%
- Vehicle- 1.2%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.62
- 10.) **2021 SAIDI** 38.93
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28
- 12.) **2021 SAIFI** 0.27

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** 2440
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Caneyville - US 62, Hwy 79, & River Park Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 425
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 4.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 2.8%
- Utility Equipment- 91.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	48.83
10.) <b>2021 SAIDI</b>	99.16
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.46
12.) <b>2021 SAIFI</b>	0.95

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)** 11.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 171
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 60.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 2.79
- 10.) **2021 SAIDI** 3.48
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2021 SAIFI** 0.03
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** MUNFORDVILLE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 75 Gorin Mill Rd - Munfordville

3.) **CIRCUIT NAME AND NUMBER** 2442

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Munfordville - Mill St, KY 88, US 31 W, & HWY 571 - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.1

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 503

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2021 OUTAGES BY CAUSE**

Animal- 4.2%

Construction- 0.4%

Lightning- 21.5%

Non-Company- 11.6%

Other/Unknown- 3.9%

Overload- 0.0%

Planned Work- 3.0%

Trees- 54.6%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	39.69
10.) <b>2021 SAIDI</b>	33.77
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.29
12.) <b>2021 SAIFI</b>	0.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MUNFORDVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 75 Gorin Mill Rd - Munfordville
- 3.) **CIRCUIT NAME AND NUMBER** 2443
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Munfordville - City of Munfordville & US 31 - E & N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 978
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 96.1%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	43.82	
10.) <b>2021 SAIDI</b>	<b>57.18</b>	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.32	
12.) <b>2021 SAIFI</b>	<b>0.61</b>	

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)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/13/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 28.7%
- Overload- 0.0%
- Planned Work- 20.2%
- Trees- 51.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.58
- 10.) **2021 SAIDI** 76.47
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.51
- 12.) **2021 SAIFI** 0.57
- 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** 2451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Munfordville - E US 31, S Jackson HWY & J McGuire Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 256
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 1.6%
- Non-Company- 0.0%
- Other/Unknown- 93.6%
- Overload- 0.0%
- Planned Work- 3.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	76.42
10.) <b>2021 SAIDI</b>	117.82
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.53
12.) <b>2021 SAIFI</b>	0.81

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** 197
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/24/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 4.1%
- Non-Company- 0.0%
- Other/Unknown- 1.9%
- Overload- 0.0%
- Planned Work- 91.3%
- Trees- 2.3%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	52.32
10.) <b>2021 SAIDI</b>	130.40
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.51
12.) <b>2021 SAIFI</b>	1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 111 Ring Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2464
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - N Black Branch Rd & Enterprise Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 18
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.6%
- Overload- 0.0%
- Planned Work- 58.8%
- Trees- 0.0%
- Utility Equipment- 33.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	18.42
10.) <b>2021 SAIDI</b>	64.41
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.22
12.) <b>2021 SAIFI</b>	0.61

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** 2465
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Leitchfield - Mill St, Lee Ave, & Grayson Springs Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 382
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 95.0%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 0.0%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	16.24
10.) <b>2021 SAIDI</b>	33.58
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.18
12.) <b>2021 SAIFI</b>	0.45

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** 230
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 11.0%
- Lightning- 50.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 9.3%
- Trees- 17.1%
- Utility Equipment- 12.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	5.39
10.) <b>2021 SAIDI</b>	18.58
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.06
12.) <b>2021 SAIFI</b>	0.26

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** 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)** 06/24/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 87.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 12.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	104.39
10.) <b>2021 SAIDI</b>	475.39
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.43
12.) <b>2021 SAIFI</b>	1.56

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** 2472
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Jericho Rd, Adams St, 1st St, Hwy 53, & Zale Smith Ln - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 940
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.3%
- Lightning- 5.3%
- Non-Company- 0.0%
- Other/Unknown- 5.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 10.3%
- Utility Equipment- 77.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	30.37
10.) <b>2021 SAIDI</b>	43.73
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.30
12.) <b>2021 SAIFI</b>	0.49

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)**                        5.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                    27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                      05/18/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 91.6%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 8.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	27.95
10.) <b>2021 SAIDI</b>	<b>78.29</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.33
12.) <b>2021 SAIFI</b>	<b>0.54</b>

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

Continue to Monitor

1.)	<b>SUBSTATION NAME AND NUMBER</b>	EMINENCE
2.)	<b>SUBSTATION LOCATION (COUNTY-ROAD-TOWN)</b>	Henry - 1257 Ballardsville Rd - Eminence
3.)	<b>CIRCUIT NAME AND NUMBER</b>	2500
4.)	<b>CIRCUIT LOCATION (COUNTY-ROAD-TOWN)</b>	Eminence - Jim Doyle Rd, Mulberry Pike, & Hill Spring Rd - SE of Substation
5.)	<b>TOTAL CIRCUIT LENGTH (MILES)</b>	39.3
6.)	<b>CUSTOMER COUNT FOR THIS CIRCUIT</b>	582
7.)	<b>DATE OF LAST CIRCUIT TRIM (VM)</b>	12/18/2021
8.)	<b>2021 OUTAGES BY CAUSE</b>	
		Animal- 1.0%
		Construction- 41.7%
		Lightning- 4.5%
		Non-Company- 0.0%
		Other/Unknown- 21.0%
		Overload- 0.0%
		Planned Work- 2.1%
		Trees- 7.4%
		Utility Equipment- 21.7%
		Vehicle- 0.6%
9.)	<b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	62.56
10.)	<b>2021 SAIDI</b>	55.67
11.)	<b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.75
12.)	<b>2021 SAIFI</b>	0.81
13.)	<b>LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN</b>	
	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)** 20.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,010
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 22.4%
- Trees- 74.9%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	11.92
10.) <b>2021 SAIDI</b>	13.78
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.14
12.) <b>2021 SAIFI</b>	0.09

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

Trees Trimmed in 2021



- 1.) **SUBSTATION NAME AND NUMBER** FINCHVILLE 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 198 Parent Ln - Finchville
- 3.) **CIRCUIT NAME AND NUMBER** 2504
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Hwy 55, Buck Creek Rd, & Finchville Rd - NE & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 544
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 1.2%
- Lightning- 0.3%
- Non-Company- 33.1%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 4.8%
- Trees- 32.9%
- Utility Equipment- 23.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 107.06
- 10.) **2021 SAIDI** 73.29
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70
- 12.) **2021 SAIFI** 0.84

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** FLORIDA TILE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 1247 Alton Rd - Lawrenceburg
- 3.) **CIRCUIT NAME AND NUMBER** 2505
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Alton Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 643
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/21/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 35.2%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 44.2%
- Utility Equipment- 9.3%
- Vehicle- 7.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	74.97
10.) <b>2021 SAIDI</b>	93.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.56
12.) <b>2021 SAIFI</b>	0.40

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

Tree Trim Scheduled for 2022

- 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** 2510
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Jefferson St, Jericho Rd, & Walnut Aly - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 722
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/19/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 65.9%
- Overload- 0.0%
- Planned Work- 12.8%
- Trees- 16.3%
- Utility Equipment- 1.4%
- Vehicle- 1.7%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	12.26
10.) <b>2021 SAIDI</b>	13.32
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.12
12.) <b>2021 SAIFI</b>	0.16

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

Reliability Improvements Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** LAWRENCEBURG 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg
- 3.) **CIRCUIT NAME AND NUMBER** 2515
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Fox Creek Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,906
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/03/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 93.3%
- Utility Equipment- 3.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	225.96
10.) <b>2021 SAIDI</b>	<b>822.91</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.01
12.) <b>2021 SAIFI</b>	<b>2.61</b>

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

Tree Trim Scheduled for 2022



- 1.) **SUBSTATION NAME AND NUMBER**                      LAWRENCEBURG 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg
- 3.) **CIRCUIT NAME AND NUMBER**                              2516
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**      Lawrenceburg - Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                      39.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                2,391
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                    08/13/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 7.1%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 73.8%
- Utility Equipment- 17.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	91.42
10.) <b>2021 SAIDI</b>	294.72
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.57
12.) <b>2021 SAIFI</b>	1.12

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

Tree Trim Scheduled for 2022



- 1.) **SUBSTATION NAME AND NUMBER**                    LAWRENCEBURG 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Anderson - 108 E Broadway st - Lawrenceburg
- 3.) **CIRCUIT NAME AND NUMBER**                    2518
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**    Lawrenceburg - Waterfill Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**            995
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**             07/02/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 31.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 8.0%
- Overload- 0.0%
- Planned Work- 1.5%
- Trees- 53.0%
- Utility Equipment- 5.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	105.18	
10.) <b>2021 SAIDI</b>	239.65	
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.76	
12.) <b>2021 SAIFI</b>	1.60	

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

Tree Trim Scheduled for 2022



- 1.) **SUBSTATION NAME AND NUMBER**                    SHELBYVILLE SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**    Shelby - 614 Mack Walters Rd - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER**                            2525
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**        Shelbyville - Medical Ave, Shelby House Apt, & Village Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)**                        3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                 466
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)**                     08/05/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 35.3%
- Construction- 0.0%
- Lightning- 1.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.9%
- Trees- 0.1%
- Utility Equipment- 55.4%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	29.19
10.) <b>2021 SAIDI</b>	97.22
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.35
12.) <b>2021 SAIFI</b>	1.18

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER**                                 SHELBYVILLE SOUTH

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)**   Shelby - 614 Mack Walters Rd - Shelbyville

3.) **CIRCUIT NAME AND NUMBER**                                 2526

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)**         Shelbyville - Kentucky St, Old KY 53, Osprey Cove, & Zaring Mill Rd - S & SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)**                             28.5

6.) **CUSTOMER COUNT FOR THIS CIRCUIT**                     1,266

7.) **DATE OF LAST CIRCUIT TRIM (VM)**                         05/06/2017

8.) **2021 OUTAGES BY CAUSE**

Animal- 6.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 6.5%

Overload- 0.0%

Planned Work- 1.1%

Trees- 85.3%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	67.94
10.) <b>2021 SAIDI</b>	<b>157.14</b>
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.87
12.) <b>2021 SAIFI</b>	<b>2.33</b>

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** SIMPSONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 6801 Shelbyville Rd - Simpsonville
- 3.) **CIRCUIT NAME AND NUMBER** 2527
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Main St, 3rd St, & Grand Central Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 313
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/13/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 84.5%
- Trees- 13.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	15.78
10.) <b>2021 SAIDI</b>	31.94
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.15
12.) <b>2021 SAIFI</b>	0.24

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** 2535

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eminence - Giltner Rd, Smithfield Rd, & Hwy 22 - W of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 238

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/18/2021

8.) **2021 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 14.9%

Non-Company- 0.1%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 0.0%

Trees- 5.0%

Utility Equipment- 30.7%

Vehicle- 49.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	108.43
10.) <b>2021 SAIDI</b>	193.37
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.84
12.) <b>2021 SAIFI</b>	1.71

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** MID VALLEY SIMPSONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 2860 Veechdale Rd - Simpsonville
- 3.) **CIRCUIT NAME AND NUMBER** 2536
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Veechdale Rd - 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.) **2021 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)** 1629.46
- 10.) **2021 SAIDI** 1254.15
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.50
- 12.) **2021 SAIFI** 2.00

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.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	206.40
10.) <b>2021 SAIDI</b>	422.85
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.60
12.) <b>2021 SAIFI</b>	1.00

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)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,366
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 27.5%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 72.5%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	65.85
10.) <b>2021 SAIDI</b>	196.39
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.79
12.) <b>2021 SAIFI</b>	3.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Reed Minerals Tap (Bevier)
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 2665 S Route 2107 - Bevier
- 3.) **CIRCUIT NAME AND NUMBER** 3405
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Drakesboro - HWY 246, 7th Ave, and HWY 431 - N and S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,788
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/23/2021

8.) **2021 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)** 17.05
- 10.) **2021 SAIDI** 15.93
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.54
- 12.) **2021 SAIFI** 0.93
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Earlington - Oak Hill (Sec 3A)
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 202 Russ Hill Rd - Nortonville
- 3.) **CIRCUIT NAME AND NUMBER** 3409
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville/Nortonville - Wells Rd - SSE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 80
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/25/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	18.03
10.) <b>2021 SAIDI</b>	38.50
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.39
12.) <b>2021 SAIFI</b>	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FRANKFORT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 801 E Main St - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 3411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Georgetown Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,271
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 83.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 74.88
- 10.) **2021 SAIDI** 38.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.99
- 12.) **2021 SAIFI** 1.96
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Princeton - Hardesty Tap
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 320 Marion Rd - Princeton
- 3.) **CIRCUIT NAME AND NUMBER** 3423
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Princeton - Watson Rd, Mt. Hebron Rd, & Mill Dam Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 838
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/20/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 93.9%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	31.61
10.) <b>2021 SAIDI</b>	56.71
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.95
12.) <b>2021 SAIFI</b>	1.78

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)** 3.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 139
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/10/2021

8.) **2021 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.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	117.50
10.) <b>2021 SAIDI</b>	287.94
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.60
12.) <b>2021 SAIFI</b>	0.99

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** GARDNER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - HWY 66/Redbird Rd - Ashers Fork
- 3.) **CIRCUIT NAME AND NUMBER** 4336
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ashers Fork - State Hwy 66 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 28
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2017

8.) **2021 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- 0.0%
- Trees- 98.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	156.09
10.) <b>2021 SAIDI</b>	171.08
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.22
12.) <b>2021 SAIFI</b>	2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FOURMILE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Hwy 2014 - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 4340
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - Hwy 2014 & 2015, US 25, & Hwy 92 - SW & N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 174
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2016

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 7.2%
- Non-Company- 0.0%
- Other/Unknown- 0.8%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 70.2%
- Utility Equipment- 19.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 202.71
- 10.) **2021 SAIDI** 164.36
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.29
- 12.) **2021 SAIFI** 1.33

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)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 15
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 47.1%
- Overload- 16.2%
- Planned Work- 36.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	3.42
10.) <b>2021 SAIDI</b>	12.23
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.05
12.) <b>2021 SAIFI</b>	0.19

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** 4401
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - Morris Ln & Tway Hollow Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 113
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 12.3%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 87.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	41.66
10.) <b>2021 SAIDI</b>	138.79
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.26
12.) <b>2021 SAIFI</b>	0.69

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)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 889
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/14/2018

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 2.8%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 67.0%
- Utility Equipment- 0.0%
- Vehicle- 26.9%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	51.93
10.) <b>2021 SAIDI</b>	147.95
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.62
12.) <b>2021 SAIFI</b>	1.69

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANIEL BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Gilbert Rd/Bandana Branch - Smith
- 3.) **CIRCUIT NAME AND NUMBER** 4421
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Rose Hill - Hwy 987 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 231
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/02/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 39.2%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 59.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	85.00
10.) <b>2021 SAIDI</b>	237.84
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.63
12.) <b>2021 SAIFI</b>	1.71

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** CATRONS CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Near 6872 Hwy 72 - Gulston
- 3.) **CIRCUIT NAME AND NUMBER** 4428
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Gulston - Hwy 1216, Hwy 72, & Hwy 2425 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 317
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.2%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 88.0%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	152.88
10.) <b>2021 SAIDI</b>	345.05
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.87
12.) <b>2021 SAIFI</b>	1.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LYNCH 7.2KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Hwy 160 (W Main St) - Lynch
- 3.) **CIRCUIT NAME AND NUMBER** 4450
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lynch - Church St, E Main St, Gap Branch Rd, & Hwy 160 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 368
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/12/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 17.5%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.6%
- Utility Equipment- 81.8%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	214.86
10.) <b>2021 SAIDI</b>	849.81
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.96
12.) <b>2021 SAIFI</b>	2.91

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

Continue to Monitor



- 1.) **SUBSTATION NAME AND NUMBER** LYNCH 7.2KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Hwy 160 (W Main St) - Lynch
- 3.) **CIRCUIT NAME AND NUMBER** 4451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lynch - W Main St, Mountain St, & 1st, 2nd, & 3rd St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 243
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/01/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 45.9%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.1%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 48.1%
- Utility Equipment- 0.0%
- Vehicle- 0.4%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	211.83
10.) <b>2021 SAIDI</b>	840.47
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	1.46
12.) <b>2021 SAIFI</b>	5.91

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

Trees Trimmed in 2021

- 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** 603
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/31/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 60.0%
- Overload- 0.0%
- Planned Work- 6.8%
- Trees- 27.4%
- Utility Equipment- 5.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 84.38
- 10.) **2021 SAIDI** 121.43
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.92
- 12.) **2021 SAIFI** 0.86

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

Tree Trim Scheduled for 2022

- 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)** 14.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 461
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/31/2017

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 46.8%
- Overload- 0.0%
- Planned Work- 19.6%
- Trees- 33.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 183.76
- 10.) **2021 SAIDI** 156.62
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.34
- 12.) **2021 SAIFI** 1.60

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

Tree Trim Scheduled for 2022

- 1.) **SUBSTATION NAME AND NUMBER** VERDA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Corner of School St - Evarts
- 3.) **CIRCUIT NAME AND NUMBER** 4480
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Evarts - Hwy 38, Hill St, & Hwy 1601 - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 380
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2021

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.4%
- Overload- 0.0%
- Planned Work- 3.8%
- Trees- 84.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	440.88
10.) <b>2021 SAIDI</b>	507.87
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	2.20
12.) <b>2021 SAIFI</b>	2.68

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

Trees Trimmed in 2021

- 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)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 733
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 1.6%
- Overload- 0.0%
- Planned Work- 10.7%
- Trees- 21.1%
- Utility Equipment- 1.5%
- Vehicle- 62.2%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	34.04
10.) <b>2021 SAIDI</b>	97.27
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.49
12.) <b>2021 SAIFI</b>	0.62

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** 4502
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Pumphouse Rd, Speedway Dr, & College St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 909
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 6.7%
- Lightning- 2.4%
- Non-Company- 0.0%
- Other/Unknown- 6.7%
- Overload- 0.0%
- Planned Work- 11.3%
- Trees- 15.2%
- Utility Equipment- 10.3%
- Vehicle- 47.3%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	51.66
10.) <b>2021 SAIDI</b>	77.16
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.61
12.) <b>2021 SAIFI</b>	0.61

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** 4507
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - N Main St, Oak St, & N Vine St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 149
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2021 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 75.8%
- Planned Work- 24.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) <b>CIRCUIT 5 YEAR AVERAGE (SAIDI)</b>	14.06
10.) <b>2021 SAIDI</b>	61.19
11.) <b>CIRCUIT 5 YEAR AVERAGE (SAIFI)</b>	0.17
12.) <b>2021 SAIFI</b>	0.77

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AISIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Farriston Rd/Greta Ln - Lily
- 3.) **CIRCUIT NAME AND NUMBER** 4618
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lily - Greta Ln & S Laurel Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 154
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2019

8.) **2021 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 21.9%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.3%
- Trees- 31.9%
- Utility Equipment- 31.7%
- Vehicle- 4.8%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.22
- 10.) **2021 SAIDI** 32.34
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32
- 12.) **2021 SAIFI** 0.27

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

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### **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 – 4.94 years

KU (Kentucky) Tree SAIDI – 24.98 minutes

KU (Kentucky) Tree SAIFI – 0.146

KU (Kentucky) Tree CAIDI – 170.6 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

#### **Adjustments made to the tree plan in 2021 included**

No changes made to plan.

#### **Changes to be implemented in 2022**

No changes made to plan. Continue targeted hazard tree and mid-cycle trim work.

### **SECTION 7: UTILITY COMMENTS**

SAIDI and SAIFI improved in 2021 compared to the previous 5 year average including and excluding major events. 415 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2021.