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PUBLIC SERVICE
COMMISSION



a PPL company

Linda C. Bridwell
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40601-8294

May 3, 2021

Kentucky Utilities Company
State Regulation and Rates
220 West Main Street
PO Box 32010
Louisville, Kentucky 40232
www.lge-ku.com

Rick E. Lovekamp
Manager - Regulatory
Strategy/Policy
T 502-627-3780
rick.lovekamp@lge-ku.com

**RE: An Investigation of the Reliability Measures of Kentucky's
Jurisdictional Electric Distribution Utilities
Administrative Case No. 2011-00450**

Dear Ms. Bridwell:

Enclosed please find Kentucky Utilities Company's ("KU") 2020 Annual Reliability Report pursuant to the Commission's Order dated April 1, 2014 in the above referenced matter. Also enclosed is a CD which includes the 2020 Annual Reliability Report for KU in Excel format.

In accordance with the Commission's March 16, 2020 Order in Case No. 2020-00085, the original of this filing in paper medium will be delivered to the Commission within 30 days of the lifting of the state of emergency.

Should you have any questions concerning the enclosed, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads "Rick E. Lovekamp". The signature is written in a cursive, flowing style.

Rick E. Lovekamp

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

UTILITY NAME	KENTUCKY UTILITIES COMPANY
REPORT PREPARED BY	Steve Woodworth (Dir. System Ops & Planning)
E-MAIL ADDRESS OF PREPARER	steve.woodworth@lge-ku.com
PHONE NUMBER OF PREPARER	(502) 627-3828

SECTION 2: REPORTING YEAR

CALENDAR YEAR OF REPORT	2020
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SECTION 3: MAJOR EVENT DAYS (MED)

	T_{MED}
	3.941
FIRST DATE USED TO DETERMINE T_{MED}	1/1/2015
LAST DATE USED TO DETERMINE T_{MED}	12/31/2019
NUMBER OF MED IN REPORTING YEAR	3

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

SECTION 4: SYSTEM RELIABILITY INFORMATION AND RESULTS

System-wide Information

TOTAL CUSTOMERS <u>546,042</u>	TOTAL CIRCUITS <u>1,113</u>
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Excluding MED

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>84.64</u>	SAIDI	<u>58.70</u>
SAIFI	<u>0.777</u>	SAIFI	<u>0.588</u>

Including MED

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>157.74</u>	SAIDI	<u>77.46</u>
SAIFI	<u>0.899</u>	SAIFI	<u>0.678</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}
-

SECTION 5: CIRCUIT REPORTING

BEGIN ON NEXT PAGE

1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington
3.) **CIRCUIT NAME AND NUMBER** 0001
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Broadway - SW of Station
5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 525
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2017

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.0%
Construction- 0.0%
Lightning- 0.0%
Non-Company- 0.0%
Other/Unknown- 0.0%
Overload- 0.0%
Planned Work- 5.8%
Trees- 0.0%
Utility Equipment- 1.0%
Vehicle- 93.2%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.55
10.) 2020 SAIDI	168.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.67
12.) 2020 SAIFI	1.85

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0003

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Upper St. and 6th St. - W of Station

5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 978

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2017

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 1.5%

Overload- 0.0%

Planned Work- 16.6%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 81.9%

9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.10
10.)	2020 SAIDI	65.35
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.16
12.)	2020 SAIFI	0.42

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT
2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington
3.) **CIRCUIT NAME AND NUMBER** 0006
4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Limestone St. SW of Station
5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 377
7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/05/2018

- 8.) **2020 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- 0.3%
 - Trees- 0.1%
 - Utility Equipment- 0.3%
 - Vehicle- 99.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.86
10.) 2020 SAIDI	413.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.78
12.) 2020 SAIFI	1.09

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** LEXINGTON PLANT

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 745 N Limestone - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0007

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - N. Limestone St and York St. - NE amd SE of Station

5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,206

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/05/2018

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 3.9%

Overload- 0.0%

Planned Work- 4.5%

Trees- 32.6%

Utility Equipment- 1.7%

Vehicle- 57.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	15.50
10.) 2020 SAIDI	35.18
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2020 SAIFI	0.50

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** 919
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.7%
- Overload- 0.0%
- Planned Work- 32.6%
- Trees- 44.7%
- Utility Equipment- 7.0%
- Vehicle- 12.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.13
10.) 2020 SAIDI	14.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.10

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	LEXINGTON WATER COMPANY 4KV
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2300 Richmond Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0016
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Fontaine Rd - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	3.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	699
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/12/2020

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 39.2%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 60.8%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.10
10.) 2020 SAIDI	25.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.16
12.) 2020 SAIFI	0.17

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** 780
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 80.1%
- Trees- 7.5%
- Utility Equipment- 4.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.32
- 10.) **2020 SAIDI** 8.70
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.17
- 12.) **2020 SAIFI** 0.29

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)** 2.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 173
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2020 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- 60.3%
- Trees- 39.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.19
- 10.) **2020 SAIDI** 12.99
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22
- 12.) **2020 SAIFI** 0.29

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

Trees Trimmed in 2020

- 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)** 56.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,708
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.1%
- Other/Unknown- 19.2%
- Overload- 0.0%
- Planned Work- 17.6%
- Trees- 21.0%
- Utility Equipment- 31.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 91.50
- 10.) **2020 SAIDI** 78.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.98
- 12.) **2020 SAIFI** 1.90

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.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 5.8%
- Trees- 91.4%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.92
10.) 2020 SAIDI	229.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2020 SAIFI	1.11

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

Trees Trimmed in 2020

- 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** 854
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 7.0%
- Trees- 0.0%
- Utility Equipment- 7.5%
- Vehicle- 85.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.90
10.) 2020 SAIDI	48.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2020 SAIFI	0.96

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** 0031
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Corral St. & MLK Blvd. - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 502
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.8%
- Overload- 84.4%
- Planned Work- 13.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.99
10.) 2020 SAIDI	19.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
12.) 2020 SAIFI	0.17

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** 279
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 9.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 82.0%
- Overload- 0.0%
- Planned Work- 5.8%
- Trees- 0.0%
- Utility Equipment- 2.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.37
10.) 2020 SAIDI	16.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2020 SAIFI	0.23

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUGHES LANE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 251 Hughes Ln. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0037
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mir Station Rd. & US 27 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 138.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,098
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/25/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 1.3%
- Other/Unknown- 2.8%
- Overload- 0.0%
- Planned Work- 1.5%
- Trees- 27.6%
- Utility Equipment- 2.8%
- Vehicle- 63.6%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	242.35
10.) 2020 SAIDI	338.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.63
12.) 2020 SAIFI	3.18

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

Trees Trimmed in 2020

- 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** 2,044
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/04/2020
- 8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 59.9%
- Utility Equipment- 38.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.09
- 10.) **2020 SAIDI** 82.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.43
- 12.) **2020 SAIFI** 0.37
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2020

- 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** 1,094
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/31/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.7%
- Construction- 0.0%
- Lightning- 10.4%
- Non-Company- 0.0%
- Other/Unknown- 6.9%
- Overload- 0.0%
- Planned Work- 2.1%
- Trees- 68.8%
- Utility Equipment- 9.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	9.27
10.) 2020 SAIDI	14.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2020 SAIFI	0.12

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** 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** 1,113
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/21/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 12.0%
- Overload- 0.0%
- Planned Work- 8.8%
- Trees- 16.4%
- Utility Equipment- 61.9%
- Vehicle- 0.7%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	99.41
10.) 2020 SAIDI	146.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.88
12.) 2020 SAIFI	0.52
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HALEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 5481 Winchester Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0046
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester & Haley Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 389
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 5.5%
- Non-Company- 0.0%
- Other/Unknown- 40.4%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 48.0%
- Utility Equipment- 3.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 182.06
- 10.) **2020 SAIDI** 137.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.24
- 12.) **2020 SAIFI** 2.05

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

Tree Trim Scheduled for 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** 0048
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd. - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 538
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 6.1%
- Other/Unknown- 6.1%
- Overload- 0.0%
- Planned Work- 17.2%
- Trees- 16.4%
- Utility Equipment- 1.5%
- Vehicle- 52.7%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.22
10.) 2020 SAIDI	105.29
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2020 SAIFI	1.49

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.) **2020 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)	1.08
10.) 2020 SAIDI	3.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2020 SAIFI	0.09

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)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,271
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 35.1%
- Construction- 32.5%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.8%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 9.6%
- Utility Equipment- 7.3%
- Vehicle- 6.3%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.70
- 10.) **2020 SAIDI** 48.88
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.46
- 12.) **2020 SAIFI** 0.49
- 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** 0060
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mercer Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 420
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.3%
- Overload- 0.0%
- Planned Work- 6.4%
- Trees- 0.1%
- Utility Equipment- 77.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	70.67
10.) 2020 SAIDI	78.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.20
12.) 2020 SAIFI	1.46

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0062
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Mason Headley Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 291
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/11/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 83.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 6.8%
- Utility Equipment- 5.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.35
- 10.) **2020 SAIDI** 52.13
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.74
- 12.) **2020 SAIFI** 1.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PROCTOR & GAMBLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 120 Zesta PI - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0066
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Zesta PI - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 28.0%
- Overload- 0.0%
- Planned Work- 72.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 121.07
- 10.) **2020 SAIDI** 32.80
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49
- 12.) **2020 SAIFI** 0.80

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

Continue to Monitor

- 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 - Delware Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 379
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 13.3%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 79.4%
- Utility Equipment- 5.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.83
- 10.) **2020 SAIDI** 42.69
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28
- 12.) **2020 SAIFI** 0.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILSON DOWNING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 680 Wilson Downing Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0072
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd & Trent Blvd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,369
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.0%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 5.4%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 87.0%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.80
- 10.) **2020 SAIDI** 39.54
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.44
- 12.) **2020 SAIFI** 0.29
- 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)** 11.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,288
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/16/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 0.6%
- Utility Equipment- 96.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	55.77
10.) 2020 SAIDI	263.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2020 SAIFI	1.17

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** 498
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2020

- 8.) **2020 OUTAGES BY CAUSE**
- Animal- 0.0%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 12.1%
 - Overload- 0.0%
 - Planned Work- 16.4%
 - Trees- 2.0%
 - Utility Equipment- 0.7%
 - Vehicle- 68.9%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	9.70
10.) 2020 SAIDI	26.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2020 SAIFI	0.18

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** 1,192
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/25/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 98.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		28.92
10.) 2020 SAIDI		62.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.38
12.) 2020 SAIFI		1.01

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0080
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lafayette Pky - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 852
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/28/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 1.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 3.0%
- Trees- 95.2%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.15
- 10.) **2020 SAIDI** 162.32
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.22
- 12.) **2020 SAIFI** 1.15
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TRAFTON AVENUE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 141 Trafton St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0088
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Dunkirk Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,655
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/13/2020

8.) **2020 OUTAGES BY CAUSE**

Animal- 2.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 17.3%

Overload- 0.0%

Planned Work- 6.0%

Trees- 36.4%

Utility Equipment- 37.9%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		24.57
10.) 2020 SAIDI		40.59
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.37
12.) 2020 SAIFI		1.10

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** HAEFLING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1555 Baunmann Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0089
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Baunmann Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2016

8.) **2020 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)	143.66
10.) 2020 SAIDI	558.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	0.67

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.) **2020 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- 2.1%
- Trees- 97.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.47
10.) 2020 SAIDI	25.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2020 SAIFI	0.23

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2125 Liberty Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0092
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circule Rd. & Winchester Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,379
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.2%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 0.0%
- Utility Equipment- 83.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.19
10.) 2020 SAIDI	111.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2020 SAIFI	1.63

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0096
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd & Southview Dr - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,295
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 13.2%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 83.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	133.50
10.) 2020 SAIDI	365.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.00
12.) 2020 SAIFI	2.42

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

Tree Trim Scheduled for 2021

- 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)** 08/31/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 9.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 72.2%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 11.7%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.21
10.) 2020 SAIDI	119.69
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.87
12.) 2020 SAIFI	1.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** JOYLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2375 Paris Pike - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0099
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - I-64 & I-75 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,028
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 10.1%
- Construction- 30.1%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 54.5%
- Utility Equipment- 3.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 143.91
- 10.) **2020 SAIDI** 69.27
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.44
- 12.) **2020 SAIFI** 1.71

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

Trees Trimmed in 2020

- 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** 362
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/25/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 94.1%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	43.67
10.) 2020 SAIDI	98.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	1.09
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)** 22.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,033
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.1%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 78.1%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 11.6%
- Utility Equipment- 3.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.78
- 10.) **2020 SAIDI** 26.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.67
- 12.) **2020 SAIFI** 1.22
- 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** 0111
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Ashland Dr & Preston Ave. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 973
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 31.2%
- Overload- 0.0%
- Planned Work- 12.3%
- Trees- 19.3%
- Utility Equipment- 7.7%
- Vehicle- 29.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.09
10.) 2020 SAIDI	59.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.61
12.) 2020 SAIFI	0.88

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)** 07/09/2016

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.53
10.) 2020 SAIDI	31.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2020 SAIFI	0.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DONERAIL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 4601 Old Iron Works Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0117
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lisle Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 471
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/06/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 99.2%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 0.0%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.15
10.) 2020 SAIDI	107.94
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2020 SAIFI	1.08

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** 1,089
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.9%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.7%
- Overload- 0.0%
- Planned Work- 5.9%
- Trees- 71.8%
- Utility Equipment- 6.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	51.76
10.) 2020 SAIDI	95.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2020 SAIFI	1.21

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** FMC
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2641 Palumbo Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0120
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Palumbo Dr & Man O War Blvd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 274
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/23/2016

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.46
10.) 2020 SAIDI	60.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.22
12.) 2020 SAIFI	0.51

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FMC
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2641 Palumbo Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0123
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Palumbo Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 363
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/23/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 5.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 0.0%
- Utility Equipment- 92.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	18.93
10.) 2020 SAIDI	71.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2020 SAIFI	0.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FMC
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** County - Road - Town
- 3.) **CIRCUIT NAME AND NUMBER** 0124
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Town - Road - General Area
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2018

8.) **2020 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)	69.34
10.) 2020 SAIDI	346.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2020 SAIFI	1.00

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** 0128
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Wyndham Hills Dr - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 531
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/16/2018

8.) **2020 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- 88.8%
- Utility Equipment- 11.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.98
10.) 2020 SAIDI	48.30
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2020 SAIFI	2.50

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** 0129
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Georgetown Rd, Price Rd, & Main St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,975
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 2.7%
- Non-Company- 0.0%
- Other/Unknown- 16.1%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 52.8%
- Utility Equipment- 0.0%
- Vehicle- 25.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.60
- 10.) **2020 SAIDI** 42.86
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2020 SAIFI** 0.52

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0130
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,212
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 22.7%
- Construction- 1.8%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 18.6%
- Overload- 0.0%
- Planned Work- 20.6%
- Trees- 5.3%
- Utility Equipment- 30.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.87
10.) 2020 SAIDI	46.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2020 SAIFI	0.41

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)** 59.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,109
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.2%
- Lightning- 49.1%
- Non-Company- 0.2%
- Other/Unknown- 20.6%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 8.2%
- Utility Equipment- 17.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 149.60
- 10.) **2020 SAIDI** 52.87
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.12
- 12.) **2020 SAIFI** 1.30
- 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** 0133
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,326
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 7.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 92.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.91
10.) 2020 SAIDI	73.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.14
12.) 2020 SAIFI	0.53

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** 1,055
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 13.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 4.3%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 80.7%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.41
10.) 2020 SAIDI	23.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2020 SAIFI	0.74

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 420 Corral St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0139
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Midland Ave. , Mian St. & water St. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 16
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground Circuit

8.) **2020 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)	25.65
10.) 2020 SAIDI	89.43
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2020 SAIFI	0.50

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)** 26.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 944
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.7%
- Overload- 0.0%
- Planned Work- 3.4%
- Trees- 0.0%
- Utility Equipment- 62.3%
- Vehicle- 33.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	55.66
10.) 2020 SAIDI	98.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81
12.) 2020 SAIFI	2.17

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)** 30.3

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,907

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2018

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 85.4%

Overload- 0.0%

Planned Work- 3.6%

Trees- 7.4%

Utility Equipment- 3.0%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.22
10.) 2020 SAIDI	22.61
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.35
12.) 2020 SAIFI	0.43

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** 0146
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Clays Mill Rd & Man O War Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 926
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/08/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 13.9%
- Construction- 0.0%
- Lightning- 10.4%
- Non-Company- 0.0%
- Other/Unknown- 5.6%
- Overload- 0.0%
- Planned Work- 1.8%
- Trees- 43.0%
- Utility Equipment- 25.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 82.88
- 10.) **2020 SAIDI** 119.87
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59
- 12.) **2020 SAIFI** 0.54
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** CLAYS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 4454 Clays Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0148
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Weber Way - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,099
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 55.1%
- Construction- 0.0%
- Lightning- 3.1%
- Non-Company- 0.0%
- Other/Unknown- 17.5%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 0.7%
- Utility Equipment- 17.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	24.87
10.) 2020 SAIDI	43.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2020 SAIFI	0.62

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.) **2020 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)	21.65
10.) 2020 SAIDI	49.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.25

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STANFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 746 KY Highway 78 - Stanford
- 3.) **CIRCUIT NAME AND NUMBER** 0155
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stanford - KY Highway 78 & US Highway 27 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 297
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/11/2018

- 8.) **2020 OUTAGES BY CAUSE**
 - Animal- 1.1%
 - Construction- 0.0%
 - Lightning- 1.3%
 - Non-Company- 0.0%
 - Other/Unknown- 0.9%
 - Overload- 0.0%
 - Planned Work- 2.7%
 - Trees- 86.3%
 - Utility Equipment- 7.7%
 - Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 33.58

10.) **2020 SAIDI** 37.72

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.26

12.) **2020 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0158
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - St Joseph Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 458
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/28/2019

8.) **2020 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- 98.3%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.09
- 10.) **2020 SAIDI** 26.51
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2020 SAIFI** 0.07
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0159
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Leestown Rd & Masterson Station - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,093
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/09/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 92.5%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.0%
- Utility Equipment- 7.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 29.64
- 10.) **2020 SAIDI** 15.04
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19
- 12.) **2020 SAIFI** 0.20

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** 1,275
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 5.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 65.4%
- Other/Unknown- 0.0%
- Overload- 1.8%
- Planned Work- 22.6%
- Trees- 4.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	32.97
10.) 2020 SAIDI	46.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2020 SAIFI	0.45

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1353 Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0167
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Lebanon Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 23
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/11/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 32.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 67.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	24.52
10.) 2020 SAIDI	56.30
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2020 SAIFI	0.39

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** 2,256
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/24/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 97.8%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	90.96
10.) 2020 SAIDI	261.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.71
12.) 2020 SAIFI	1.11

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

Reliability Improvements Scheduled for 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** 853
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/21/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.6%
- Other/Unknown- 22.6%
- Overload- 0.0%
- Planned Work- 13.1%
- Trees- 4.3%
- Utility Equipment- 6.4%
- Vehicle- 53.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.89
- 10.) **2020 SAIDI** 39.37
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36
- 12.) **2020 SAIFI** 0.24
- 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** 0193
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - I75, Man O' War Blvd, & Blackford Pkwy - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 531
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/17/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 99.0%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.51
- 10.) **2020 SAIDI** 8.63
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89
- 12.) **2020 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUME ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2319 Hume Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0194
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester Rd, Sir Barton Way, Executive Dr, & Elkhorn Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 314
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/17/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 16.7%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 55.9%
- Utility Equipment- 0.9%
- Vehicle- 24.2%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 93.89
- 10.) **2020 SAIDI** 60.69
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.38
- 12.) **2020 SAIFI** 1.08

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

Trees Trimmed in 2021

- 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)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 939
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 10.5%
- Non-Company- 0.0%
- Other/Unknown- 14.5%
- Overload- 0.0%
- Planned Work- 14.9%
- Trees- 31.1%
- Utility Equipment- 28.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	0.55
10.) 2020 SAIDI	1.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
12.) 2020 SAIFI	0.01

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** 0203
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - Locus St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 96
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 59.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 4.2%
- Trees- 0.0%
- Utility Equipment- 34.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 11.60
- 10.) **2020 SAIDI** 10.63
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18
- 12.) **2020 SAIFI** 0.24

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LONDON 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Near corner of Foster Heights & Substation Rd - London
- 3.) **CIRCUIT NAME AND NUMBER** 0205
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - S & N on McWhorter Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 40.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,827
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 3.5%
- Non-Company- 0.0%
- Other/Unknown- 22.2%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 54.1%
- Utility Equipment- 13.3%
- Vehicle- 1.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	94.61
10.) 2020 SAIDI	226.12
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.60
12.) 2020 SAIFI	4.64

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSVILLE 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 620 Clem Haskins Blvd. - Campbellsville
- 3.) **CIRCUIT NAME AND NUMBER** 0208
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsville - Industrial Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 11
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 90.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 9.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.39	
10.) 2020 SAIDI	167.89	
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27	
12.) 2020 SAIFI	1.18	

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)** Taylor - 114 Lindsey Wilson St - Columbia
- 3.) **CIRCUIT NAME AND NUMBER** 0209
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - KY HWY 3491 & KY 55 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 43.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 919
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/30/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 92.4%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 2.9%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 74.12
- 10.) **2020 SAIDI** 52.75
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.87
- 12.) **2020 SAIFI** 1.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 1136 South Laurel Rd - London
- 3.) **CIRCUIT NAME AND NUMBER** 0213
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - S Laurel Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 146
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/15/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 19.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 9.0%
- Overload- 0.0%
- Planned Work- 11.1%
- Trees- 11.6%
- Utility Equipment- 8.0%
- Vehicle- 41.3%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 182.69
- 10.) **2020 SAIDI** 127.56
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.58
- 12.) **2020 SAIFI** 1.95

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** 90
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/26/2019

8.) **2020 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- 6.8%
- Trees- 90.7%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.38
10.) 2020 SAIDI	158.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2020 SAIFI	1.17

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)** 34.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,283
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.9%
- Non-Company- 0.2%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 84.3%
- Utility Equipment- 2.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	113.73
10.) 2020 SAIDI	116.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.77
12.) 2020 SAIFI	0.65
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)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 68
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 3.5%
- Non-Company- 0.0%
- Other/Unknown- 4.5%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 91.4%
- Utility Equipment- 0.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	119.60
10.) 2020 SAIDI	209.18
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.68
12.) 2020 SAIFI	0.65
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)** 25.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 653
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.9%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 53.9%
- Utility Equipment- 25.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	208.52
10.) 2020 SAIDI	717.61
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2020 SAIFI	0.84

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** 0235
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - 5th St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 274
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.6%
- Overload- 0.0%
- Planned Work- 32.7%
- Trees- 58.6%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.68
10.) 2020 SAIDI	65.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2020 SAIFI	0.23

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANCHESTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - 1195 HWY 687 (Town Branch Rd) - Manchester
- 3.) **CIRCUIT NAME AND NUMBER** 0250
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Manchester - Town Branch Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,054
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 20.2%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 5.6%
- Trees- 68.7%
- Utility Equipment- 4.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 234.97
- 10.) **2020 SAIDI** 225.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.77
- 12.) **2020 SAIFI** 2.83

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** CORBIN EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0275
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - Barbourville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 860
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/20/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 1.0%
- Non-Company- 0.0%
- Other/Unknown- 2.5%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 95.4%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 172.25
- 10.) **2020 SAIDI** 134.70
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.10
- 12.) **2020 SAIFI** 1.23

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

Reliability Improvements Scheduled for 2021

- 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** 0279
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corbin - Pennington Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 391
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/28/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 10.3%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 87.0%
- Utility Equipment- 2.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	68.80
10.) 2020 SAIDI	255.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
12.) 2020 SAIFI	1.29

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

Tree Trim Scheduled for 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** 0301
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - US HWY 25E & KY HWY 66 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,148
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/02/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 15.2%
- Overload- 0.0%
- Planned Work- 1.2%
- Trees- 64.0%
- Utility Equipment- 18.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 140.28
- 10.) **2020 SAIDI** 203.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.69
- 12.) **2020 SAIFI** 1.66
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2021

- 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** 0305
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 11
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 81.8%
- Utility Equipment- 14.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	395.37
10.) 2020 SAIDI	653.43
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.52
12.) 2020 SAIFI	2.64

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)** 49.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 831
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/24/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 98.0%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	547.57
10.) 2020 SAIDI	607.04
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	3.37
12.) 2020 SAIFI	2.80
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 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)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 168
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/27/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 4.3%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 93.7%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	131.56
10.) 2020 SAIDI	284.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.52
12.) 2020 SAIFI	2.73

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

Trees Trimmed in 2020

- 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)** 36.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 827
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/15/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.6%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 88.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	180.47
10.) 2020 SAIDI	263.57
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.77
12.) 2020 SAIFI	2.49

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

Trees Trimmed in 2020

- 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** 342
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.1%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 3.5%
- Trees- 93.0%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 130.60
- 10.) **2020 SAIDI** 67.10
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06
- 12.) **2020 SAIFI** 1.07

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

Tree Trim Scheduled for 2021

- 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** 0316
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 221 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 337
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.5%
- Overload- 0.0%
- Planned Work- 21.0%
- Trees- 67.6%
- Utility Equipment- 3.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	438.36
10.) 2020 SAIDI	888.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.13
12.) 2020 SAIFI	2.54

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

Tree Trim Scheduled for 2021

- 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** 219
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 29.1%
- Other/Unknown- 17.1%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 41.3%
- Utility Equipment- 6.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.91
10.) 2020 SAIDI	48.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
12.) 2020 SAIFI	0.42

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DEER BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - HWY 66 0.5 miles S of Buffalo Hollow Rd, 7.5 miles N of HWY 221 - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0319
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 66 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 228
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 8.0%
- Trees- 70.9%
- Utility Equipment- 20.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 402.04
- 10.) **2020 SAIDI** 426.13
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.28
- 12.) **2020 SAIFI** 1.24

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

Reliability Improvements Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** DEER BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Hwy 66 0.5 miles S of Buffalo Hollow Rd - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0320
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - Hwy 66 & Buffalo Hollow Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/02/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 7.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 34.7%
- Trees- 57.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	100.16
10.) 2020 SAIDI	174.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.65
12.) 2020 SAIFI	1.33

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** 62
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/02/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 94.5%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	198.64
10.) 2020 SAIDI	295.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.04
12.) 2020 SAIFI	2.11

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** 0322
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Alva - E Highway 72 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 295
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/02/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 8.4%
- Overload- 0.0%
- Planned Work- 70.6%
- Trees- 18.9%
- Utility Equipment- 0.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	120.63
10.) 2020 SAIDI	125.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.98
12.) 2020 SAIFI	1.19

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** 184
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2020 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)** 4.86
- 10.) **2020 SAIDI** 2.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2020 SAIFI** 0.05

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** YELLOW ROCK NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lee Ky - 584 New Yellow Rock Rd - Beattyville
- 3.) **CIRCUIT NAME AND NUMBER** 0332
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beattyville - New Yellow Rock Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 57
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/12/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 99.8%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 320.94
- 10.) **2020 SAIDI** 313.39
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.62
- 12.) **2020 SAIFI** 2.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAR TRACK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lee Ky - 584 New Yellow Rock Rd - Beattyville
- 3.) **CIRCUIT NAME AND NUMBER** 0333
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beattyville - New Yellow Rock Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 17
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 10.1%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 87.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	161.36
10.) 2020 SAIDI	443.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.94
12.) 2020 SAIFI	3.67

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

Trees Trimmed in 2020

- 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)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.70
10.) 2020 SAIDI	88.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
12.) 2020 SAIFI	0.60

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2 12KV #2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0356
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - S 38th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 556
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/02/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.7%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 83.1%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.03
10.) 2020 SAIDI	35.87
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2020 SAIFI	0.73

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** 400
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/01/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 36.8%
- Overload- 0.0%
- Planned Work- 11.0%
- Trees- 51.5%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	240.02
10.) 2020 SAIDI	386.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.12
12.) 2020 SAIFI	1.23

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

Tree Trim Scheduled for 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** 0364
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Nutwood Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 560
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/29/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 2.2%
- Non-Company- 0.0%
- Other/Unknown- 9.1%
- Overload- 0.0%
- Planned Work- 30.0%
- Trees- 55.3%
- Utility Equipment- 2.4%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 85.35
- 10.) **2020 SAIDI** 74.21
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.11
- 12.) **2020 SAIFI** 1.38

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** 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** 446
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/03/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.4%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 90.5%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	112.64
10.) 2020 SAIDI	226.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.83
12.) 2020 SAIFI	1.78

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)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 200
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2018

8.) **2020 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- 89.5%
- Trees- 0.0%
- Utility Equipment- 10.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.73
10.) 2020 SAIDI	15.29
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2020 SAIFI	0.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0372
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Lynnwood Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 402
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/23/2018

8.) **2020 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- 7.1%
- Trees- 92.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.00
10.) 2020 SAIDI	34.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2020 SAIFI	0.19

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.) **2020 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)** 106.31
- 10.) **2020 SAIDI** 31.55
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.80
- 12.) **2020 SAIFI** 1.00

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** 0414
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 119 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 575
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 36.7%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 60.8%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 227.19

10.) **2020 SAIDI** 201.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.93

12.) **2020 SAIFI** 2.45

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)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 400
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.3%
- Overload- 0.0%
- Planned Work- 3.4%
- Trees- 72.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	262.71
10.) 2020 SAIDI	366.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.15
12.) 2020 SAIFI	2.49

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Off Slack Hollow Rd just N of S Old US HWY 421 - Cawood
- 3.) **CIRCUIT NAME AND NUMBER** 0418
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cawood - US HWY 421 Bypass - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 31.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 697
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 68.1%
- Overload- 0.0%
- Planned Work- 3.2%
- Trees- 20.2%
- Utility Equipment- 6.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 181.06
- 10.) **2020 SAIDI** 118.73
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.53
- 12.) **2020 SAIFI** 1.57

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAWOOD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Off Slack Hollow Rd just N of S Old US HWY 421 - Cawood
- 3.) **CIRCUIT NAME AND NUMBER** 0419
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cawood - US HWY 421 Bypass - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 309
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/07/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.2%
- Overload- 0.0%
- Planned Work- 7.1%
- Trees- 75.6%
- Utility Equipment- 5.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	451.71
10.) 2020 SAIDI	963.18
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.46
12.) 2020 SAIFI	5.88

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

Trees Trimmed in 2021

- 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** 0420
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - W & E on Clinton St
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 458
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/20/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 13.8%
- Overload- 0.0%
- Planned Work- 84.1%
- Trees- 0.8%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	12.52
10.) 2020 SAIDI	18.33
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.12

- 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)** 68.2

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 797

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2020 OUTAGES BY CAUSE**

Animal- 4.0%

Construction- 0.4%

Lightning- 4.3%

Non-Company- 0.0%

Other/Unknown- 2.2%

Overload- 0.0%

Planned Work- 3.9%

Trees- 5.7%

Utility Equipment- 6.0%

Vehicle- 73.4%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.46

10.) **2020 SAIDI** 24.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19

12.) **2020 SAIFI** 0.22

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)** 3.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 90
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/06/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 89.9%
- Overload- 0.0%
- Planned Work- 9.6%
- Trees- 0.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	196.45
10.) 2020 SAIDI	236.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.31
12.) 2020 SAIFI	1.75

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEMONS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 125 Carley Ct - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0441
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Lemons Mill Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,317
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 4.4%
- Non-Company- 0.0%
- Other/Unknown- 81.0%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 0.0%
- Utility Equipment- 12.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	89.72
10.) 2020 SAIDI	164.09
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.69
12.) 2020 SAIFI	1.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEMONS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 125 Carley Ct - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0442
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Holmes Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 56
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2020 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)	0.68
10.) 2020 SAIDI	3.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
12.) 2020 SAIFI	0.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** POOLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 211 S Route 56 - Poole
- 3.) **CIRCUIT NAME AND NUMBER** 0446
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Poole - US Hwy 41A - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 200
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/05/2019

8.) **2020 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)	31.43
10.) 2020 SAIDI	126.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2020 SAIFI	1.00

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** 0451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stamping Ground - Cincinnati Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 70.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,142
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/11/2020

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 1.7%

Non-Company- 0.2%

Other/Unknown- 37.2%

Overload- 0.0%

Planned Work- 0.8%

Trees- 1.0%

Utility Equipment- 54.4%

Vehicle- 4.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 371.91
- 10.) **2020 SAIDI** 155.69
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 3.49
- 12.) **2020 SAIFI** 3.57

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)** 42.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,550
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.1%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 56.4%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 37.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	41.68
10.) 2020 SAIDI	44.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.85
12.) 2020 SAIFI	1.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CUMBERLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Russel Dr just S of E Main St - Cumberland
- 3.) **CIRCUIT NAME AND NUMBER** 0454
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - Raymond D Hatfield Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 542
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/12/2016

8.) **2020 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- 1.1%
- Trees- 91.2%
- Utility Equipment- 5.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	147.75
10.) 2020 SAIDI	404.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.88
12.) 2020 SAIFI	1.28

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CUMBERLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Russel Dr just S of E Main St - Cumberland
- 3.) **CIRCUIT NAME AND NUMBER** 0455
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cumberland - N US HWY 119 - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 229
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/12/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 14.4%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 64.0%
- Utility Equipment- 0.1%
- Vehicle- 21.6%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	44.42
10.) 2020 SAIDI	171.41
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2020 SAIFI	1.37

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** 147
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/15/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 9.5%
- Trees- 89.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.93
10.) 2020 SAIDI	229.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.07
12.) 2020 SAIFI	0.96
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLACK MOUNTAIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Black Mountain Rd - Lynch
- 3.) **CIRCUIT NAME AND NUMBER** 0467
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lynch - Radar Station Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 10
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/26/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 38.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 61.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	753.52
10.) 2020 SAIDI	1102.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.49
12.) 2020 SAIFI	4.00

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** 1,082
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 3.9%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 93.9%
- Utility Equipment- 1.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.22
10.) 2020 SAIDI	34.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2020 SAIFI	0.44

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)** 47.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 568
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 5.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.0%
- Overload- 0.0%
- Planned Work- 21.2%
- Trees- 57.9%
- Utility Equipment- 0.9%
- Vehicle- 3.4%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 72.13
- 10.) **2020 SAIDI** 12.99
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.51
- 12.) **2020 SAIFI** 0.62

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HIGHSPLINT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - KY 38 - Highsplint
- 3.) **CIRCUIT NAME AND NUMBER** 0483
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Highsplint - Gano St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Only0.05milesocircuit

8.) **2020 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)** 105.82
- 10.) **2020 SAIDI** 55.57
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75
- 12.) **2020 SAIFI** **1.00**

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

- 1.) **SUBSTATION NAME AND NUMBER** ALEXANDER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2915 Troy Pike - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Woodford South - Troy Pike - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,993
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.2%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 4.9%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 56.6%
- Utility Equipment- 32.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.91
- 10.) **2020 SAIDI** 49.55
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27
- 12.) **2020 SAIFI** 0.19
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2020

- 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.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 44.9%
- Overload- 0.0%
- Planned Work- 25.8%
- Trees- 26.4%
- Utility Equipment- 2.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.77
- 10.) **2020 SAIDI** 50.68
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45
- 12.) **2020 SAIFI** 0.42
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2020

- 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** 501
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.5%
- Lightning- 0.0%
- Non-Company- 0.3%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 16.0%
- Utility Equipment- 81.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	73.46
10.) 2020 SAIDI	182.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2020 SAIFI	1.14

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** 0508
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - US 60 Bypass - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 339
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 24.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 32.7%
- Planned Work- 5.8%
- Trees- 0.0%
- Utility Equipment- 37.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 134.54
- 10.) **2020 SAIDI** 78.20
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.15
- 12.) **2020 SAIFI** 2.00

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.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 71.8%
- Overload- 0.0%
- Planned Work- 28.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.37
10.) 2020 SAIDI	86.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VERSAILLES WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 115 Rutter Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0513
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Clifton Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 879
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/03/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.3%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 80.1%
- Utility Equipment- 10.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.31
- 10.) **2020 SAIDI** 56.25
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2020 SAIFI** 0.28
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** ALEXANDER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2915 Troy Pike - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0515
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - N & S on McCowans Ferry Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 49.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,377
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 27.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.9%
- Utility Equipment- 69.7%
- Vehicle- 0.4%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.35
- 10.) **2020 SAIDI** 128.76
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.13
- 12.) **2020 SAIFI** 1.00
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WOODLAKE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 1635 Woodlake Rd - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0525
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Woodlake Rd - N 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.) **2020 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)	69.79
10.) 2020 SAIDI	97.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SCIENCE HILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 45 E HWY 635 neat the intersection of E hwy 635 and Maple Ln - Science Hill
- 3.) **CIRCUIT NAME AND NUMBER** 0527
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Science Hill - N Highway 27 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 190
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/19/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 98.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.28
- 10.) **2020 SAIDI** 34.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.64
- 12.) **2020 SAIFI** 1.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAYNESBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg
- 3.) **CIRCUIT NAME AND NUMBER** 0546
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waynesburg - KY HWY 1247 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 263
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.3%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 97.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.50
10.) 2020 SAIDI	17.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAYNESBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - On Old Somerset Rd (HWY 1247) just S of Clear Fork Rd - Waynesburg
- 3.) **CIRCUIT NAME AND NUMBER** 0547
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waynesburg - KY HWY 1247 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 361
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 36.2%
- Non-Company- 0.0%
- Other/Unknown- 8.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 32.2%
- Utility Equipment- 22.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	103.10
10.) 2020 SAIDI	235.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.09
12.) 2020 SAIFI	2.67

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

Reliability Improvements Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Casey - 1351 E KY HWY 70 - Liberty
- 3.) **CIRCUIT NAME AND NUMBER** 0551
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Liberty - E KY 70 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 696
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/12/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.8%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 0.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 86.6%
- Utility Equipment- 6.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	80.68
10.) 2020 SAIDI	257.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2020 SAIFI	1.27

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Casey - 1351 E KY HWY 70 - Liberty
- 3.) **CIRCUIT NAME AND NUMBER** 0552
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Liberty - E KY 70 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 514
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 94.3%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	90.00
10.) 2020 SAIDI	135.53
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.74
12.) 2020 SAIFI	0.94

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

Continue to Monitor

- 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)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 877
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 85.4%
- Non-Company- 0.0%
- Other/Unknown- 4.9%
- Overload- 0.0%
- Planned Work- 4.8%
- Trees- 3.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.43
10.) 2020 SAIDI	75.36
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2020 SAIFI	0.62

- 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)** 48.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 487
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/09/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 20.0%
- Non-Company- 0.0%
- Other/Unknown- 18.0%
- Overload- 0.0%
- Planned Work- 7.4%
- Trees- 31.0%
- Utility Equipment- 0.1%
- Vehicle- 21.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	59.49
10.) 2020 SAIDI	95.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.65
12.) 2020 SAIFI	0.88

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

Continue to Monitor

- 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)** 17.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 538
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/30/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 3.0%
- Other/Unknown- 18.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 77.7%
- Utility Equipment- 0.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	103.95
10.) 2020 SAIDI	178.06
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.85
12.) 2020 SAIFI	1.29

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** WILMORE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Jessamine - 210 W Linden St - Wilmore
- 3.) **CIRCUIT NAME AND NUMBER** 0586
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wilmore - Lexington Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 49.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.3%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 15.2%
- Overload- 0.0%
- Planned Work- 0.9%
- Trees- 14.9%
- Utility Equipment- 66.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.06
- 10.) **2020 SAIDI** 107.76
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.62
- 12.) **2020 SAIFI** 0.42
- 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** 1,354
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 9.7%
- Construction- 0.0%
- Lightning- 3.5%
- Non-Company- 0.0%
- Other/Unknown- 3.1%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 19.2%
- Utility Equipment- 63.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.04
10.) 2020 SAIDI	15.87
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.20

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** 377
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/12/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 87.0%
- Trees- 0.0%
- Utility Equipment- 13.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.42
10.) 2020 SAIDI	11.57
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.05
12.) 2020 SAIFI	0.07

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** 0603
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - S Queen St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,295
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 1.9%
- Lightning- 4.5%
- Non-Company- 0.0%
- Other/Unknown- 2.5%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 16.0%
- Utility Equipment- 0.7%
- Vehicle- 71.5%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.77
10.) 2020 SAIDI	63.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2020 SAIFI	1.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** A O SMITH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 1871 Owingsville Rd - Mt. Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0606
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - Owingsville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 22
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/26/2018

8.) **2020 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)	37.27
10.) 2020 SAIDI	54.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2020 SAIFI	0.73

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** 211
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/26/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 9.2%
- Construction- 0.0%
- Lightning- 26.4%
- Non-Company- 0.0%
- Other/Unknown- 44.7%
- Overload- 0.0%
- Planned Work- 9.8%
- Trees- 0.0%
- Utility Equipment- 9.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.29
10.) 2020 SAIDI	6.35
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OWINGSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville
- 3.) **CIRCUIT NAME AND NUMBER** 0610
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - Slate Ave - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 473
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 16.7%
- Construction- 0.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 0.0%
- Utility Equipment- 81.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	41.22
10.) 2020 SAIDI	73.09
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2020 SAIFI	1.43

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OWINGSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 69 W Paul Lewis Dr - Owingsville
- 3.) **CIRCUIT NAME AND NUMBER** 0611
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owingsville - W Main St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 721
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.2%
- Construction- 0.2%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 65.6%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 0.0%
- Utility Equipment- 26.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.23
10.) 2020 SAIDI	59.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
12.) 2020 SAIFI	0.43

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)** 30.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 704
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/19/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 2.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 10.9%
- Utility Equipment- 0.7%
- Vehicle- 85.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	89.40
10.) 2020 SAIDI	341.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2020 SAIFI	1.37

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)** 9.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 232
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 57.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 38.7%
- Utility Equipment- 3.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.05
10.) 2020 SAIDI	50.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.22
12.) 2020 SAIFI	0.47

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FARMERS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 6901 US 60 W - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0615
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - US HWY 60 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 620
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/17/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 1.2%
- Lightning- 4.8%
- Non-Company- 0.7%
- Other/Unknown- 31.9%
- Overload- 0.0%
- Planned Work- 3.8%
- Trees- 19.6%
- Utility Equipment- 37.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.15
10.) 2020 SAIDI	67.91
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2020 SAIFI	0.82

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 100 E Wilkinson Blvd - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0618
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Wilkinson Blvd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 109
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/12/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 41.3%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 58.7%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.95
10.) 2020 SAIDI	12.80
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.13

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKER SEAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 390 Mt Sterling Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0629
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Mt Sterling Rd - NE & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 403
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.5%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 22.9%
- Overload- 0.0%
- Planned Work- 16.4%
- Trees- 3.0%
- Utility Equipment- 6.5%
- Vehicle- 47.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.43
10.) 2020 SAIDI	67.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2020 SAIFI	1.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 2 Almond St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0632
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - 1st St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 77
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2016

8.) **2020 OUTAGES BY CAUSE**

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

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.34
- 10.) **2020 SAIDI** 7.92
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.07
- 12.) **2020 SAIFI** 0.06
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 2 Almond St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0633
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Winn Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 190
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.1%
- Overload- 0.0%
- Planned Work- 44.3%
- Trees- 29.5%
- Utility Equipment- 6.4%
- Vehicle- 12.6%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	59.97
10.) 2020 SAIDI	266.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.80
12.) 2020 SAIFI	3.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SYLVANIA 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 439 E Washington St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0635
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - New St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 93
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 96.6%
- Overload- 0.0%
- Planned Work- 3.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.51
10.) 2020 SAIDI	52.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.68
12.) 2020 SAIFI	2.00

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** 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)** 06/06/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 7.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 67.4%
- Trees- 0.0%
- Utility Equipment- 21.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.70
10.) 2020 SAIDI	15.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.15

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)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 114
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.3%
- Overload- 0.0%
- Planned Work- 85.7%
- Trees- 4.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.95
10.) 2020 SAIDI	78.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
12.) 2020 SAIFI	0.81

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** 608
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2018

8.) **2020 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- 0.0%
- Trees- 5.2%
- Utility Equipment- 91.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	20.84
10.) 2020 SAIDI	77.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.32
12.) 2020 SAIFI	1.22

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** 0647
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Sterling - Owingsville Rd, Quisenberry Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 59
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 19.5%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 14.1%
- Utility Equipment- 10.0%
- Vehicle- 50.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 102.43
- 10.) **2020 SAIDI** 93.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66
- 12.) **2020 SAIFI** 0.75

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** 0658
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - US 460 Hwy, By-Pass, Burley Dr - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 337
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.6%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.7%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 2.1%
- Utility Equipment- 88.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.97
10.) 2020 SAIDI	228.73
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2020 SAIFI	2.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMARGO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 555 S Queen St - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0659
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - US Hwy 460 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 47.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,011
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/17/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 86.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 7.9%
- Utility Equipment- 0.5%
- Vehicle- 4.2%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	135.54
10.) 2020 SAIDI	194.61
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.61
12.) 2020 SAIFI	3.17

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** 0695
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beechmont - US Hwy 431 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 315
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/15/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 80.9%
- Overload- 8.7%
- Planned Work- 0.1%
- Trees- 8.7%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	81.80
10.) 2020 SAIDI	188.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.59
12.) 2020 SAIFI	1.33

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)** 16.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 371
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 90.1%
- Overload- 0.3%
- Planned Work- 2.4%
- Trees- 0.0%
- Utility Equipment- 7.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	77.91
10.) 2020 SAIDI	117.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2020 SAIFI	1.24

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BROMLEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 7205 Hwy 127 - New Liberty
- 3.) **CIRCUIT NAME AND NUMBER** 0701
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bromley - State Hwy 36, St Hwy 227, & Alexander Rd - W of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 75.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 950
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 1.1%
- Other/Unknown- 20.0%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 64.8%
- Utility Equipment- 11.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 190.88
- 10.) **2020 SAIDI** 165.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.25
- 12.) **2020 SAIFI** 1.27

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.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 22.7%
- Planned Work- 19.6%
- Trees- 27.9%
- Utility Equipment- 27.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.14
10.) 2020 SAIDI	10.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
12.) 2020 SAIFI	0.13

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 802 Mason St - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0707
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - HWY 227 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 747
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/19/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 2.4%
- Non-Company- 0.0%
- Other/Unknown- 9.0%
- Overload- 0.0%
- Planned Work- 14.7%
- Trees- 52.7%
- Utility Equipment- 14.1%
- Vehicle- 6.2%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 162.49

10.) **2020 SAIDI** 85.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.47

12.) **2020 SAIFI** 1.97

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 802 Mason St - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0709
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - KY 36 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 387
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 80.1%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 10.2%
- Utility Equipment- 5.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	87.65
10.) 2020 SAIDI	154.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2020 SAIFI	0.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAYTON-WALTHER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 5220 Highway 42 E - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0710
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - D Rd & US HWY 42 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/05/2016

8.) **2020 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)	50.68
10.) 2020 SAIDI	59.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.52
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** OWENTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 327 Gayle Avenue - Owenton
- 3.) **CIRCUIT NAME AND NUMBER** 0715
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owenton - Madison St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 169
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.1%
- Overload- 0.0%
- Planned Work- 91.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.85
- 10.) **2020 SAIDI** 4.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2020 SAIFI** 0.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GHENT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 402 Liberty - Ghent
- 3.) **CIRCUIT NAME AND NUMBER** 0717
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ghent - US HWY 42 - NE & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 287
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/26/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 53.6%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 9.1%
- Trees- 10.8%
- Utility Equipment- 25.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	44.30
10.) 2020 SAIDI	103.97
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.35
12.) 2020 SAIFI	1.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUNTERS BOTTOM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Trimble - 400 Hunter Heights Rd - Milton
- 3.) **CIRCUIT NAME AND NUMBER** 0719
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Milton - N Spillman Lan, HWY 421 N - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 502
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 26.1%
- Non-Company- 0.0%
- Other/Unknown- 9.4%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 63.0%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	123.67
10.) 2020 SAIDI	149.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.18
12.) 2020 SAIFI	1.11

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

Trees Trimmed in 2020

- 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)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 179
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/13/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 19.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 47.0%
- Trees- 0.0%
- Utility Equipment- 33.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.80
- 10.) **2020 SAIDI** 6.94
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08
- 12.) **2020 SAIFI** 0.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WARSAW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Gallatin - RR 1 Box 51 - Warsaw
- 3.) **CIRCUIT NAME AND NUMBER** 0728
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Warsaw - Dry Creek Rd - S & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 92
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.8%
- Construction- 0.0%
- Lightning- 4.0%
- Non-Company- 0.0%
- Other/Unknown- 32.5%
- Overload- 0.0%
- Planned Work- 3.5%
- Trees- 25.4%
- Utility Equipment- 31.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	69.46
10.) 2020 SAIDI	125.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.) 2020 SAIFI	0.59

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)** 28.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 374
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 82.7%
- Utility Equipment- 10.9%
- Vehicle- 1.2%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 108.80
- 10.) **2020 SAIDI** 88.67
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2020 SAIFI** 0.49
- 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** 0731
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sparta - State HWY 467 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 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- 61.1%
- Trees- 0.0%
- Utility Equipment- 38.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.65
- 10.) **2020 SAIDI** 6.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2020 SAIFI** 0.05
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WARSAW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Gallatin - RR 1 Box 51 - Warsaw
- 3.) **CIRCUIT NAME AND NUMBER** 0734
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Warsaw - Smith Ave, Center Ave, E Main St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 443
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2016

8.) **2020 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- 20.3%
- Trees- 0.0%
- Utility Equipment- 79.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.76
- 10.) **2020 SAIDI** 4.71
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.03
- 12.) **2020 SAIFI** 0.04
- 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)** 16.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,440
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/03/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.2%
- Construction- 0.0%
- Lightning- 3.3%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 13.4%
- Trees- 38.3%
- Utility Equipment- 37.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.14
10.) 2020 SAIDI	37.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2020 SAIFI	0.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 1000 Warwick Rd - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0773
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Warwick Rd, N Greenville St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 193
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/19/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 28.5%
- Construction- 0.0%
- Lightning- 15.1%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 12.5%
- Trees- 0.0%
- Utility Equipment- 44.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.36
10.) 2020 SAIDI	123.91
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2020 SAIFI	1.57

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

Continue to Monitor

- 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** 468
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 26.3%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 15.9%
- Utility Equipment- 57.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	75.12
10.) 2020 SAIDI	290.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
12.) 2020 SAIFI	3.15

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 | 1,034 |
| 7.) DATE OF LAST CIRCUIT TRIM (VM) | 03/15/2021 |

8.) **2020 OUTAGES BY CAUSE**

Animal- 11.7%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 60.4%

Utility Equipment- 27.9%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.17
10.) 2020 SAIDI	7.70
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.07
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** 0799
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Corporate Dr & Fortune Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 37
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2017

8.) **2020 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- 95.3%
- Trees- 0.0%
- Utility Equipment- 4.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.17
- 10.) **2020 SAIDI** 4.59
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2020 SAIFI** 0.05
- 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** 0805

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Paris - Spears Mill Rd and WHY 460 - SE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 82.0

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 864

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2015

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.5%

Lightning- 0.9%

Non-Company- 45.3%

Other/Unknown- 10.9%

Overload- 0.0%

Planned Work- 10.4%

Trees- 27.0%

Utility Equipment- 4.9%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	100.61
10.) 2020 SAIDI	189.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.09
12.) 2020 SAIFI	1.91

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** MILLERSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - Vimont Ln. – Millersburg
- 3.) **CIRCUIT NAME AND NUMBER** 0807
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Millersburg - Vimont Ln, W 5th St - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 103
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 58.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 26.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 15.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.91
10.) 2020 SAIDI	5.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2020 SAIFI	0.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 235 Fowler Rd - Hanson
- 3.) **CIRCUIT NAME AND NUMBER** 0811
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - US HWY 41 & City of Hanson - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 617
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 5.4%
- Construction- 0.0%
- Lightning- 39.4%
- Non-Company- 0.0%
- Other/Unknown- 8.7%
- Overload- 0.0%
- Planned Work- 32.7%
- Trees- 0.9%
- Utility Equipment- 12.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 147.34
- 10.) **2020 SAIDI** 19.55
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.98
- 12.) **2020 SAIFI** 1.17

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** 0814
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Circuit no longer exists - N/A
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/30/2017

8.) **2020 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)	35.29
10.) 2020 SAIDI	132.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DOZIER HEIGHTS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 200 Claire Ln - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0816
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Sandcut Ln, Mcleod Ln, Grapvine Rd - N&E of Subs.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 804
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 4.4%
- Lightning- 0.8%
- Non-Company- 0.0%
- Other/Unknown- 14.7%
- Overload- 0.0%
- Planned Work- 4.8%
- Trees- 71.8%
- Utility Equipment- 1.8%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.46
- 10.) **2020 SAIDI** 46.23
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70
- 12.) **2020 SAIFI** 0.62
- 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** 367
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/15/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 1.8%
- Other/Unknown- 66.2%
- Overload- 0.0%
- Planned Work- 17.2%
- Trees- 12.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	10.13
10.) 2020 SAIDI	16.63
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2020 SAIFI	0.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EAST DIAMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 550 East Diamond Rd - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0825
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Randall Dr, Meadowlark Ln - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 302
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 13.9%
- Non-Company- 4.4%
- Other/Unknown- 9.5%
- Overload- 0.0%
- Planned Work- 71.0%
- Trees- 0.0%
- Utility Equipment- 1.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.46
- 10.) **2020 SAIDI** 11.47
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2020 SAIFI** 0.13
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EAST DIAMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 550 East Diamond Rd - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0827
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Hwy 85, Hwy 892, & Hwy 1221 - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 357
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 1.7%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 49.7%
- Overload- 12.2%
- Planned Work- 16.8%
- Trees- 19.6%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 54.99
- 10.) **2020 SAIDI** 59.21
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.82
- 12.) **2020 SAIFI** 0.80
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FIES CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 2436 Central City Rd - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 0841
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Central City Rd & Fies Ln - NW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 16
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 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)	95.99
10.) 2020 SAIDI	479.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
12.) 2020 SAIFI	3.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHBYBURG PUMP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 250 High Banks Ferry - Ashbyburg
- 3.) **CIRCUIT NAME AND NUMBER** 0844
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ashbyburg - Highbanks Ferry Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 42.5%
- Other/Unknown- 57.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.83
10.) 2020 SAIDI	179.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KAWNEER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - RR 7 Box 729 White Oak Pike - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0856
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana - Western Ave, Ladish Rd, Hwy 27 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 438
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 97.7%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 0.0%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 50.22
- 10.) **2020 SAIDI** 43.17
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.64
- 12.) **2020 SAIFI** 1.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KAWNEER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - RR 7 Box 729 White Oak Pike - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0857
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrison - White Oak Pike - WNW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2020 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)	4.63
10.) 2020 SAIDI	23.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2020 SAIFI	0.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HICKMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3172 Ashgrove Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0865
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Saron Dr, Tates Creek Rd, Kenesaw Dr - NE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,288
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.9%
- Construction- 0.1%
- Lightning- 2.7%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 65.2%
- Utility Equipment- 25.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.71
10.) 2020 SAIDI	90.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2020 SAIFI	0.97

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHANNON RUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 2770 Shannon Run Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0868
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Shannon Run, Lexington Rd, Pisgah Rd - N of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 65.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,111
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/10/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.4%
- Construction- 0.0%
- Lightning- 6.7%
- Non-Company- 0.0%
- Other/Unknown- 10.5%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 66.7%
- Utility Equipment- 11.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	135.64
10.) 2020 SAIDI	168.44
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.04
12.) 2020 SAIFI	0.96

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** CARLISLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nicholas - 104 S Elm St - Carlisle
- 3.) **CIRCUIT NAME AND NUMBER** 0877
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carlisle/Sharpsburg - S Upper Jackstown, Hwy 1285, Hwy 11 - SSE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 44.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 670
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 89.1%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 0.3%
- Utility Equipment- 7.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	71.85
10.) 2020 SAIDI	106.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.68
12.) 2020 SAIFI	1.15

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.) **2020 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)	2.20
10.) 2020 SAIDI	8.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2020 SAIFI	0.11

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** 381
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 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- 2.3%
- Utility Equipment- 96.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.09
- 10.) **2020 SAIDI** 10.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23
- 12.) **2020 SAIFI** 0.07
- 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** 0902
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Washington St, E 6th, Edgemont Rd - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 163
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.7%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 98.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	122.55
10.) 2020 SAIDI	541.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.67
12.) 2020 SAIFI	2.69

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** 353
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.58
10.) 2020 SAIDI	76.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
12.) 2020 SAIFI	0.57

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** 0909
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - E 2nd St, Lexington St - NW & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 488
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2020 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- 86.2%
- Trees- 6.9%
- Utility Equipment- 5.3%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.30
- 10.) **2020 SAIDI** 43.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.31
- 12.) **2020 SAIFI** 0.17
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 1107 Forest Ave - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0913
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Bryant In, Hwy 10, Buckner St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 832
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 58.6%
- Other/Unknown- 2.3%
- Overload- 0.0%
- Planned Work- 3.0%
- Trees- 29.0%
- Utility Equipment- 5.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.68
10.) 2020 SAIDI	16.86
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2020 SAIFI	0.19

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** 887
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.4%
- Lightning- 2.9%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 84.9%
- Utility Equipment- 9.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.31
10.) 2020 SAIDI	85.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.70
12.) 2020 SAIFI	0.71

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** 115
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 30.5%
- Overload- 0.0%
- Planned Work- 5.9%
- Trees- 0.0%
- Utility Equipment- 59.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.22
10.) 2020 SAIDI	11.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.15
12.) 2020 SAIFI	0.36

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** 0923
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Hwy 10, Market Square Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 361
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.9%
- Construction- 0.0%
- Lightning- 89.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.2%
- Trees- 0.6%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.59
10.) 2020 SAIDI	46.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2020 SAIFI	1.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AUGUSTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 318 E 4th St. - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0929
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - 5th Street, Old August-Brooksville Rd - W&SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 646
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.2%
- Lightning- 1.9%
- Non-Company- 0.3%
- Other/Unknown- 4.4%
- Overload- 0.0%
- Planned Work- 1.2%
- Trees- 85.0%
- Utility Equipment- 7.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	85.41
10.) 2020 SAIDI	210.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.95
12.) 2020 SAIFI	1.91

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHARON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 3061 Asbury Rd - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0935
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Mt Zion Rd, City of Brooksville, Hwy 10&19 - NW&SW of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 77.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,186
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 2.8%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 3.9%
- Utility Equipment- 91.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.61
- 10.) **2020 SAIDI** 56.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47
- 12.) **2020 SAIFI** 0.26
- 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)** 45.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 558
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 0.1%
- Trees- 54.2%
- Utility Equipment- 42.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	70.61
10.) 2020 SAIDI	195.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
12.) 2020 SAIFI	1.85

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SARDIS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 4000 Blue Lick Rd - Mays Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0940
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mays Lick/Mt Olivet - Hwy 62, Brierly Ridge Rd - W&NW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 465
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 1.8%
- Other/Unknown- 40.1%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 54.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	165.51
10.) 2020 SAIDI	242.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.73
12.) 2020 SAIFI	3.15

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

Trees Trimmed in 2020

- 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** 229
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.9%
- Construction- 0.0%
- Lightning- 1.1%
- Non-Company- 0.0%
- Other/Unknown- 2.1%
- Overload- 0.0%
- Planned Work- 3.1%
- Trees- 6.6%
- Utility Equipment- 83.2%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.18

10.) **2020 SAIDI** 46.41

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68

12.) **2020 SAIFI** 0.69

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)** 58.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 929
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/01/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 4.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 76.8%
- Utility Equipment- 18.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	181.32
10.) 2020 SAIDI	397.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.44
12.) 2020 SAIFI	3.51

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** WEDONIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 6964 KY Hwy 11 - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0965
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Hwy 11 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 382
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/07/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 4.6%
- Non-Company- 0.0%
- Other/Unknown- 18.4%
- Overload- 0.0%
- Planned Work- 1.6%
- Trees- 1.1%
- Utility Equipment- 0.4%
- Vehicle- 73.5%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	148.27
10.) 2020 SAIDI	248.72
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.15
12.) 2020 SAIFI	3.20

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)** 27.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 523
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/17/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 96.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 1.3%
- Utility Equipment- 1.6%
- Vehicle- 0.1%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	279.51
10.) 2020 SAIDI	447.40
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.01
12.) 2020 SAIFI	1.03

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** 0967
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Flemingsbur - Hwy 11 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 298
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/27/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.7%
- Construction- 0.0%
- Lightning- 0.4%
- Non-Company- 0.0%
- Other/Unknown- 5.0%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 27.4%
- Utility Equipment- 62.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 160.52
- 10.) **2020 SAIDI** 152.62
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.71
- 12.) **2020 SAIFI** 1.39
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ballard - 433 Oscar Rd. - Barlow
- 3.) **CIRCUIT NAME AND NUMBER** 1312
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Barlow - N 6th St - City of Barlow
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 326
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 37.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 1.3%
- Utility Equipment- 59.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 92.96
- 10.) **2020 SAIDI** 44.83
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2020 SAIFI** 0.64

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORESTDALE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McCracken - 4250 Rice Springs Rd - Kevil
- 3.) **CIRCUIT NAME AND NUMBER** 1320
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Kevil - SR 1154, SR 996, & Cairo Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 41.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 926
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 1.5%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 86.7%
- Utility Equipment- 10.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	132.28
10.) 2020 SAIDI	171.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.89
12.) 2020 SAIFI	1.49

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

Reliability Improvements Scheduled for 2021

- 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)** 26.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 605
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/07/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.2%
- Lightning- 70.2%
- Non-Company- 0.0%
- Other/Unknown- 23.9%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 0.0%
- Utility Equipment- 3.6%
- Vehicle- 0.1%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	79.23
10.) 2020 SAIDI	239.33
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.53
12.) 2020 SAIFI	1.65

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CHRISTIAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 1678 S R 493 - Wheatcroft
- 3.) **CIRCUIT NAME AND NUMBER** 1404
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Wheatcroft - City of Wheatcroft - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 198
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 88.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 11.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.65
- 10.) **2020 SAIDI** 5.19
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2020 SAIFI** 0.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DIAMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 830 Bill Dorris Rd - Providence
- 3.) **CIRCUIT NAME AND NUMBER** 1410
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Providence - Bill Dorris Rd, S R 109 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 122
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/29/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 6.0%
- Construction- 0.0%
- Lightning- 92.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 2.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.95
- 10.) **2020 SAIDI** 33.39
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63
- 12.) **2020 SAIFI** 0.65

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** 1416
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Everly Brothers Blvd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary

8.) **2020 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)	122.23
10.) 2020 SAIDI	488.93
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2020 SAIFI	2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORYDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 5430 Greenlick Rd - Corydon
- 3.) **CIRCUIT NAME AND NUMBER** 1429
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - King Mill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 46
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/05/2020

8.) **2020 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- 0.7%
- Trees- 71.3%
- Utility Equipment- 28.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.96
10.) 2020 SAIDI	137.04
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2020 SAIFI	1.10

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** CORYDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 5430 Greenlick Rd - Corydon
- 3.) **CIRCUIT NAME AND NUMBER** 1431
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - City of Corydon - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 435
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/05/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 17.8%
- Non-Company- 0.0%
- Other/Unknown- 16.9%
- Overload- 0.0%
- Planned Work- 3.9%
- Trees- 61.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.94
10.) 2020 SAIDI	56.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2020 SAIFI	0.39

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

Trees Trimmed in 2020

- 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)** 03/21/2020

8.) **2020 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)	4.65
10.) 2020 SAIDI	6.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.06
12.) 2020 SAIFI	0.07

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

- 1.) **SUBSTATION NAME AND NUMBER** MANITOU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 7615 Nebo Rd - Nebo
- 3.) **CIRCUIT NAME AND NUMBER** 1451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nebo - US 41 ALT & Happy Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 133
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/26/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.7%
- Overload- 0.0%
- Planned Work- 12.9%
- Trees- 1.0%
- Utility Equipment- 84.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.83
10.) 2020 SAIDI	101.32
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2020 SAIFI	1.15

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)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 721
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.1%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 4.5%
- Trees- 94.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	76.07
10.) 2020 SAIDI	349.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2020 SAIFI	1.13

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** SEBREE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 199 N Railroad St - Sebree
- 3.) **CIRCUIT NAME AND NUMBER** 1472
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sebree - SR 56, College St, Jefferson St, & Old Beech Grove Rd - W/E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 429
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/25/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 5.5%
- Non-Company- 0.0%
- Other/Unknown- 61.8%
- Overload- 0.0%
- Planned Work- 30.2%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.77
10.) 2020 SAIDI	9.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
12.) 2020 SAIFI	0.28

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** 412
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 0.4%
- Trees- 2.3%
- Utility Equipment- 96.2%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.82
- 10.) **2020 SAIDI** 80.16
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77
- 12.) **2020 SAIFI** 1.06

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** 1507
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Fredonia - City of Fredonia & Hwy 641 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 249
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.1%
- Trees- 0.0%
- Utility Equipment- 2.2%
- Vehicle- 96.3%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.25
- 10.) **2020 SAIDI** 60.67
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.93
- 12.) **2020 SAIFI** 1.03

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)** 34.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 191
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/10/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 1.0%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 98.1%
- Utility Equipment- 0.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	150.89
10.) 2020 SAIDI	236.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.11
12.) 2020 SAIFI	1.53

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** BARNHILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 7390 Rabbit Ridge Rd - Providence
- 3.) **CIRCUIT NAME AND NUMBER** 1520
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Providence - Hwy 109 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 29
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.6%
- Overload- 0.0%
- Planned Work- 94.4%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 175.26
- 10.) **2020 SAIDI** 81.26
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41
- 12.) **2020 SAIFI** 1.03

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)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 156
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.0%
- Construction- 0.0%
- Lightning- 39.2%
- Non-Company- 0.0%
- Other/Unknown- 12.0%
- Overload- 0.0%
- Planned Work- 39.4%
- Trees- 0.0%
- Utility Equipment- 5.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	5.08
10.) 2020 SAIDI	8.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2020 SAIFI	0.12

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CALHOUN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 530 W First St - Calhoun
- 3.) **CIRCUIT NAME AND NUMBER** 1606
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Calhoun - High St, W 7th St, S R 81 - N of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 327
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/06/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 12.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.1%
- Overload- 0.0%
- Planned Work- 19.1%
- Trees- 5.3%
- Utility Equipment- 48.8%
- Vehicle- 8.7%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.15

10.) **2020 SAIDI** 5.19

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.05

12.) **2020 SAIFI** 0.05

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)** 95.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,656
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 8.1%
- Construction- 0.0%
- Lightning- 6.3%
- Non-Company- 0.0%
- Other/Unknown- 4.4%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 1.3%
- Utility Equipment- 62.8%
- Vehicle- 16.7%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.79
- 10.) **2020 SAIDI** 31.08
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68
- 12.) **2020 SAIFI** 1.49
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 200 N Boggess Ave - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1614
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Outer York, Lake Rd, & Rogers Ave - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 65
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/21/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 93.5%
- Trees- 0.0%
- Utility Equipment- 2.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.13
10.) 2020 SAIDI	24.35
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2020 SAIFI	2.03

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** 1623
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - N Main St & Broad St - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 152
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/02/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 13.6%
- Other/Unknown- 29.1%
- Overload- 0.0%
- Planned Work- 52.4%
- Trees- 0.0%
- Utility Equipment- 4.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	52.95
10.) 2020 SAIDI	107.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.72
12.) 2020 SAIFI	1.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** POWDERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - Opportunity Way - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1626
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Main St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 838
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 6.8%
- Trees- 35.5%
- Utility Equipment- 57.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	83.75
10.) 2020 SAIDI	207.82
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.80
12.) 2020 SAIFI	2.55

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** LIVERMORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 190 Main St - Livermore
- 3.) **CIRCUIT NAME AND NUMBER** 1642
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Livermore - Hill St, Hwy 431, & Comy Dock Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 350
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/22/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 53.3%
- Non-Company- 0.0%
- Other/Unknown- 44.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 1.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	88.86
10.) 2020 SAIDI	184.18
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
12.) 2020 SAIFI	2.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIVERMORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 190 Main St - Livermore
- 3.) **CIRCUIT NAME AND NUMBER** 1643
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Livermore - Main St, 2nd St, 3rd St, & Broadway St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 420
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/22/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 53.5%
- Non-Company- 0.0%
- Other/Unknown- 44.9%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 0.6%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	177.21
10.) 2020 SAIDI	186.51
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.88
12.) 2020 SAIFI	2.12

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

Reliability Improvements Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 106 Pendleton St - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1645
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Hwy 70, S Cherry Hill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 419
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/07/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 90.0%
- Utility Equipment- 8.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 113.75

10.) **2020 SAIDI** 114.26

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.43

12.) **2020 SAIFI** 1.21

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

Reliability Improvements Scheduled for 2021

- 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** 278
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 95.8%
- Trees- 0.0%
- Utility Equipment- 2.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	121.66
10.) 2020 SAIDI	138.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.04
12.) 2020 SAIFI	1.22

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEECH CREEK 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 169 Beech Creek Browder Rd - Beech Creek
- 3.) **CIRCUIT NAME AND NUMBER** 1671
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beech Creek - Beech Creek Browder Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 104
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/21/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.6%
- Overload- 0.0%
- Planned Work- 94.7%
- Trees- 0.0%
- Utility Equipment- 2.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	72.20
10.) 2020 SAIDI	127.46
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.51
12.) 2020 SAIFI	1.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DRAKESBORO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 201 S Mine St - Drakesboro
- 3.) **CIRCUIT NAME AND NUMBER** 1673
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Drakesboro - Simmons St, S R 176, Merle Travis Hwy - SW of Subs
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 298
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/17/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 7.5%
- Other/Unknown- 23.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 14.3%
- Utility Equipment- 0.2%
- Vehicle- 53.9%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 159.21
- 10.) **2020 SAIDI** 130.24
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.64
- 12.) **2020 SAIFI** 2.31
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREEN RIVER STEEL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Daviess - 4575 US 60 E - Owensboro
- 3.) **CIRCUIT NAME AND NUMBER** 1676
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owensboro - Ellis Smeathers Rd & US 60 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 14
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/04/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 9.4%
- Trees- 0.0%
- Utility Equipment- 90.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	128.26
10.) 2020 SAIDI	264.52
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
12.) 2020 SAIFI	1.43

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REED MINERALS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 4661 S R 176 Drakesboro - Drakesboro
- 3.) **CIRCUIT NAME AND NUMBER** 1693
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Drakesboro - S R 176 & P&M Haul Rd - NNE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 11
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 59.1%
- Construction- 0.0%
- Lightning- 33.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 7.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	140.22
10.) 2020 SAIDI	411.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.02
12.) 2020 SAIFI	2.73

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** 118
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/09/2016

8.) **2020 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- 58.9%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 41.1%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.84
10.) 2020 SAIDI	2.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2020 SAIFI	0.05

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MARION SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 505 Chappell Hill Rd - Marion
- 3.) **CIRCUIT NAME AND NUMBER** 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)** 26.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 901
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.7%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 13.8%
- Utility Equipment- 82.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	78.52
10.) 2020 SAIDI	97.43
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.88
12.) 2020 SAIFI	1.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MARION SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 505 Chappell Hill Rd - Marion
- 3.) **CIRCUIT NAME AND NUMBER** 1712
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Marion - Chapel Hill Rd, Autumn Ln, & Earl Patmore Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 70
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 7.9%
- Construction- 0.0%
- Lightning- 7.1%
- Non-Company- 0.0%
- Other/Unknown- 85.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.99
10.) 2020 SAIDI	224.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2020 SAIFI	2.43

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** 1714
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Marion - E Depot St, E Bellville St, & Old Shady Grove Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 514
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.9%
- Overload- 0.0%
- Planned Work- 63.1%
- Trees- 5.2%
- Utility Equipment- 0.0%
- Vehicle- 30.8%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	16.39
10.) 2020 SAIDI	24.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2020 SAIFI	0.23

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)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 301
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/08/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 4.6%
- Overload- 0.0%
- Planned Work- 90.0%
- Trees- 0.0%
- Utility Equipment- 5.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.20

10.) **2020 SAIDI** 3.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2020 SAIFI** 0.07

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** 980
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/15/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 7.2%
- Construction- 0.0%
- Lightning- 20.9%
- Non-Company- 0.0%
- Other/Unknown- 7.4%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 3.5%
- Utility Equipment- 16.3%
- Vehicle- 42.9%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.82
10.) 2020 SAIDI	30.21
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2020 SAIFI	0.31

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SUNOCO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 2823 S R 130 S - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1731
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 130 & Adamson Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 182
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 74.1%
- Construction- 0.0%
- Lightning- 25.3%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.44
10.) 2020 SAIDI	54.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2020 SAIFI	1.08

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.) **2020 OUTAGES BY CAUSE**

- Animal- 18.6%
- 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- 81.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.73
10.) 2020 SAIDI	139.81
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
12.) 2020 SAIFI	1.38

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** 1733
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - Robinson Rd & US HWY 60 - SSE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 36
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/29/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 99.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.18
10.) 2020 SAIDI	246.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2020 SAIFI	1.03

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

Trees Trimmed in 2020

- 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** 286
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019

8.) **2020 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- 0.0%
- Trees- 19.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.18
- 10.) **2020 SAIDI** 8.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04
- 12.) **2020 SAIFI** 0.03
- 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** 255
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/11/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.8%
- Construction- 0.0%
- Lightning- 1.4%
- Non-Company- 0.0%
- Other/Unknown- 16.1%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 4.6%
- Utility Equipment- 75.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.95
10.) 2020 SAIDI	60.33
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
12.) 2020 SAIFI	1.71

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.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 10.9%
- Non-Company- 0.0%
- Other/Unknown- 89.1%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	12.72
10.) 2020 SAIDI	38.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2020 SAIFI	0.82

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** 1763
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - Buchanan Rd - E & W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 25
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2020 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)	50.18
10.) 2020 SAIDI	105.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAVERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 178 Blessed Martin Rd - Waverly
- 3.) **CIRCUIT NAME AND NUMBER** 1765
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waverly - Blessed Martin Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2020 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)	13.52
10.) 2020 SAIDI	67.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANNINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 2535 Mannington Loop - Mannington
- 3.) **CIRCUIT NAME AND NUMBER** 1801
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mannington - HWY 407 & US 41- E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 27
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2018

8.) **2020 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)	50.11
10.) 2020 SAIDI	73.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARTFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 425 Walnut St - Hartford
- 3.) **CIRCUIT NAME AND NUMBER** 1911
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hartford - US HWY 231, Old Main St, HWY 1543- E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 396
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 65.8%
- Construction- 0.0%
- Lightning- 11.1%
- Non-Company- 0.0%
- Other/Unknown- 6.1%
- Overload- 0.0%
- Planned Work- 4.1%
- Trees- 3.0%
- Utility Equipment- 10.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.75
- 10.) **2020 SAIDI** 10.35
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2020 SAIFI** 0.22
- 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** 1914
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - Ridge Crest Rd & US Hwy 62 - City of Beaver Dam
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 528
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/25/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.9%
- Construction- 0.0%
- Lightning- 11.7%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 0.4%
- Utility Equipment- 1.8%
- Vehicle- 83.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.98
10.) 2020 SAIDI	109.72
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	1.21

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** 2101
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Perryville - City of Perryville & Perryville Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 585
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 34.1%
- Non-Company- 0.0%
- Other/Unknown- 3.0%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 57.3%
- Utility Equipment- 3.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.81
10.) 2020 SAIDI	68.66
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.35
12.) 2020 SAIFI	0.57

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

Trees Trimmed in 2020

- 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)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 207
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.3%
- Construction- 0.0%
- Lightning- 0.7%
- Non-Company- 0.0%
- Other/Unknown- 50.3%
- Overload- 0.0%
- Planned Work- 21.0%
- Trees- 22.2%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.24
- 10.) **2020 SAIDI** 34.05
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.20
- 12.) **2020 SAIFI** 0.21

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** 2104
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - High Bridge Rd, Pine Crest Rd, & Camp Dix Rd - NW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 35.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 613
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/04/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.2%
- Lightning- 12.6%
- Non-Company- 0.0%
- Other/Unknown- 66.1%
- Overload- 0.0%
- Planned Work- 1.9%
- Trees- 18.1%
- Utility Equipment- 0.0%
- Vehicle- 0.5%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	51.70
10.) 2020 SAIDI	76.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.71
12.) 2020 SAIFI	1.24

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)** 30.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,082
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.2%
- Construction- 0.0%
- Lightning- 0.3%
- Non-Company- 8.0%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 13.4%
- Trees- 75.6%
- Utility Equipment- 0.0%
- Vehicle- 0.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.04
10.) 2020 SAIDI	60.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2020 SAIFI	0.67

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** CRAB ORCHARD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 635 KY HWY 39 N - Crab Orchard
- 3.) **CIRCUIT NAME AND NUMBER** 2108
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crab Orchard - KY 39 - NNW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 124
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 47.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 0.6%
- Utility Equipment- 0.0%
- Vehicle- 51.9%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	94.01
10.) 2020 SAIDI	328.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.94
12.) 2020 SAIFI	3.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE E 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2112
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Stanford Dr, Terrell Dr, & S 2nd St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 168
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/20/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 18.8%
- Overload- 0.0%
- Planned Work- 81.3%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.21

10.) **2020 SAIDI** 16.19

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.14

12.) **2020 SAIFI** 0.17

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** 480
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/13/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 51.6%
- Overload- 0.0%
- Planned Work- 35.0%
- Trees- 1.6%
- Utility Equipment- 11.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.56
- 10.) **2020 SAIDI** 5.41
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12.) **2020 SAIFI** 0.11

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** 308
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/13/2016

8.) **2020 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)	1.95
10.) 2020 SAIDI	3.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2020 SAIFI	0.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 2 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2128
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - E Office St & Beaumont Ave - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 437
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/30/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 44.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 29.4%
- Trees- 20.7%
- Utility Equipment- 6.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.57
10.) 2020 SAIDI	22.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
12.) 2020 SAIFI	0.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 2 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2129
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Cane Run St, N East St, & Cogar Ave - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 413
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/30/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 1.2%
- Overload- 1.3%
- Planned Work- 93.3%
- Trees- 4.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.10
10.) 2020 SAIDI	98.72
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2020 SAIFI	1.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG 2 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2131
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Lexington Rd, Burgin Rd, & City of Burgin - NE/SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 816
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/13/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 6.1%
- Non-Company- 0.1%
- Other/Unknown- 8.6%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 80.3%
- Utility Equipment- 0.3%
- Vehicle- 3.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.54
10.) 2020 SAIDI	93.94
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.69
12.) 2020 SAIFI	1.91

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

Tree Trim Scheduled for 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)** 24.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 708
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/26/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 88.5%
- Overload- 0.0%
- Planned Work- 2.6%
- Trees- 6.8%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.55
10.) 2020 SAIDI	100.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.41
12.) 2020 SAIFI	1.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENTUCKY STATE HOSPITAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 4180 Shakertown Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2136
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Shakertown Rd, Gwinn Island Rd, & Spears Ln - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 340
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/30/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 11.3%
- Overload- 0.0%
- Planned Work- 0.6%
- Trees- 48.4%
- Utility Equipment- 39.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	90.23
10.) 2020 SAIDI	170.34
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.27
12.) 2020 SAIFI	1.99

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KENTUCKY STATE HOSPITAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 4180 Shakertown Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2138
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Shakertown Rd, Faulkner Ln, & Curdsville Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 33.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 582
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/25/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.7%
- Construction- 0.0%
- Lightning- 0.6%
- Non-Company- 0.0%
- Other/Unknown- 8.6%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 13.3%
- Utility Equipment- 3.0%
- Vehicle- 72.2%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	59.21
10.) 2020 SAIDI	64.79
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.77
12.) 2020 SAIFI	1.19

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** 2140
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Danville St, Campbell St, & Waterworks Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 844
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 12.3%
- Utility Equipment- 0.1%
- Vehicle- 87.4%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.92
10.) 2020 SAIDI	103.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2020 SAIFI	0.76

- 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)** 4.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 358
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2018

8.) **2020 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- 40.3%
- Trees- 6.8%
- Utility Equipment- 52.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.89
10.) 2020 SAIDI	25.61
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
12.) 2020 SAIFI	1.11

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)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 80
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 33.9%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 64.8%
- Utility Equipment- 0.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	301.47
10.) 2020 SAIDI	405.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.75
12.) 2020 SAIFI	3.24

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

Trees Trimmed in 2020

- 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)** 38.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 679
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/12/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.0%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 2.4%
- Overload- 0.0%
- Planned Work- 1.3%
- Trees- 21.9%
- Utility Equipment- 72.8%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	36.14
10.) 2020 SAIDI	71.26
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
12.) 2020 SAIFI	0.80

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 3 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 950 Vickers Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2161
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Eastern Byp, Boggs Ln, & Opal Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 179
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 48.6%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 51.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.88
10.) 2020 SAIDI	113.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2020 SAIFI	2.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT VERNON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rockcastle - 56 Old Somerset Rd - Mt. Vernon
- 3.) **CIRCUIT NAME AND NUMBER** 2166
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Richmond St and Williams St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 836
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/08/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 9.3%
- Construction- 0.0%
- Lightning- 0.5%
- Non-Company- 0.0%
- Other/Unknown- 7.3%
- Overload- 0.0%
- Planned Work- 2.5%
- Trees- 28.3%
- Utility Equipment- 52.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	18.36
10.) 2020 SAIDI	51.95
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2020 SAIFI	0.29

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

Trees Trimmed in 2020

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	1,224
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/31/2019

8.) 2020 OUTAGES BY CAUSE

Animal-	2.4%
Construction-	0.0%
Lightning-	7.7%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	6.0%
Trees-	6.7%
Utility Equipment-	76.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.36
10.) 2020 SAIDI	44.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2020 SAIFI	0.45

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** COLUMBIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Adair - 114 Lindsey Wilson St - Columbia
- 3.) **CIRCUIT NAME AND NUMBER** 2210
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Columbia - Guthrie St, Miller Ave, & Adair Ave - S & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 95.2%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 1.3%
- Utility Equipment- 1.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.65
10.) 2020 SAIDI	59.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2020 SAIFI	0.51

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)** 19.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 210
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 5.3%
- Non-Company- 0.0%
- Other/Unknown- 46.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 47.6%
- Utility Equipment- 0.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	76.49
10.) 2020 SAIDI	299.08
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.32
12.) 2020 SAIFI	0.78

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 351 E Water St - Lebanon
- 3.) **CIRCUIT NAME AND NUMBER** 2216
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - MLK Ave, Spalding Ave, Walnut St, & W Main St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 621
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 10.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.1%
- Overload- 0.0%
- Planned Work- 6.6%
- Trees- 5.7%
- Utility Equipment- 77.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	23.38
10.) 2020 SAIDI	72.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
12.) 2020 SAIFI	1.22

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** LEBANON SOUTH

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 1157 Bradfordsville - Bradfordsville

3.) **CIRCUIT NAME AND NUMBER** 2219

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Mulberry St, Old Calvary Pike, & Hwy 208 - NW & S of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 532

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/02/2019

8.) **2020 OUTAGES BY CAUSE**

Animal- 5.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 15.6%

Overload- 0.0%

Planned Work- 6.0%

Trees- 34.4%

Utility Equipment- 38.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.88

10.) **2020 SAIDI** 19.88

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2020 SAIFI** 0.16

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** 2220
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Metts Dr, Hill Creek Rd, & Hamilton Hts - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 160
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019

8.) **2020 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- 16.1%
- Trees- 0.0%
- Utility Equipment- 83.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	18.94
10.) 2020 SAIDI	38.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.17
12.) 2020 SAIFI	0.26

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RUSSELL SPRINGS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 1183 HWY 1870 - Russell Springs
- 3.) **CIRCUIT NAME AND NUMBER** 2221
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Russell Springs - Old Columbia Rd & Providence Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 139
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.8%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 98.0%
- Utility Equipment- 1.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.08
10.) 2020 SAIDI	178.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
12.) 2020 SAIFI	2.46

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)** 37.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 366
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/27/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 2.7%
- Overload- 0.0%
- Planned Work- 1.2%
- Trees- 92.8%
- Utility Equipment- 1.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.00
10.) 2020 SAIDI	61.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2020 SAIFI	0.28

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

Trees Trimmed in 2020

- 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.) **2020 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 66.2%
- Overload- 0.0%
- Planned Work- 3.1%
- Trees- 28.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 90.63

10.) **2020 SAIDI** 80.83

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

12.) **2020 SAIFI** 1.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 2255 Saint Mary's Rd - St Mary
- 3.) **CIRCUIT NAME AND NUMBER** 2235
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St Mary - Warehouse Rd & Campbellsville Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 219
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 25.2%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 55.5%
- Trees- 0.0%
- Utility Equipment- 19.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.91
10.) 2020 SAIDI	2.92
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
12.) 2020 SAIFI	0.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 700 Corporate Dr - Lebanon
- 3.) **CIRCUIT NAME AND NUMBER** 2236
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Corporate Dr - 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.) **2020 OUTAGES BY CAUSE**
 - Animal- 28.1%
 - Construction- 0.0%
 - Lightning- 0.0%
 - Non-Company- 0.0%
 - Other/Unknown- 71.9%
 - Overload- 0.0%
 - Planned Work- 0.0%
 - Trees- 0.0%
 - Utility Equipment- 0.0%
 - Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	329.03
10.) 2020 SAIDI	775.13
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.) 2020 SAIFI	2.00

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** 234
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 23.2%
- Overload- 0.0%
- Planned Work- 15.1%
- Trees- 61.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	25.59
10.) 2020 SAIDI	41.69
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2020 SAIFI	0.41

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** OKONITE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 1742 Berea Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2306
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Berea Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 24
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.8%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 83.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.11
10.) 2020 SAIDI	25.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
12.) 2020 SAIFI	0.29

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** 308
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 98.8%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 129.41
- 10.) **2020 SAIDI** 235.85
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.68
- 12.) **2020 SAIFI** 0.67
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2020

- 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** 2310
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Paint Lick - HWY 52, White Lick Rd, & Noe Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 139
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/18/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 10.8%
- Construction- 0.0%
- Lightning- 1.7%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 86.4%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 47.91
- 10.) **2020 SAIDI** 51.32
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35
- 12.) **2020 SAIFI** 0.34
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** RED HOUSE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 3858 Boonesboro Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2311
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Lost Fork Rd, Red House Rd, & Boonesboro Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 96
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.2%
- Construction- 0.0%
- Lightning- 1.5%
- Non-Company- 0.0%
- Other/Unknown- 20.2%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 78.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	48.78
10.) 2020 SAIDI	96.41
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.36
12.) 2020 SAIFI	0.87

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

Trees Trimmed in 2021

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	659	
7.)	DATE OF LAST CIRCUIT TRIM (VM)	12/28/2019	
8.)	2020 OUTAGES BY CAUSE		
		Animal- 1.8%	
		Construction- 0.0%	
		Lightning- 1.4%	
		Non-Company- 0.0%	
		Other/Unknown- 11.9%	
		Overload- 0.0%	
		Planned Work- 0.9%	
		Trees- 72.2%	
		Utility Equipment- 11.7%	
		Vehicle- 0.0%	
9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)		13.49
10.)	2020 SAIDI		11.07
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.17
12.)	2020 SAIFI		0.17
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** 2325
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - US 25, Keeneland Dr, & Jacks Creek Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 356
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 97.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.8%
- Trees- 0.0%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.49
10.) 2020 SAIDI	49.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
12.) 2020 SAIFI	0.53

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** 873
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 37.7%
- Construction- 0.8%
- Lightning- 19.1%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.0%
- Planned Work- 37.3%
- Trees- 0.0%
- Utility Equipment- 4.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.96
- 10.) **2020 SAIDI** 8.45
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2020 SAIFI** 0.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2333
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - Center St, First St, & Depot St - SE of substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/11/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 14.1%
- Construction- 85.9%
- 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)	5.62
10.) 2020 SAIDI	6.85
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
12.) 2020 SAIFI	0.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RINEYVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - Rineyville Big Springs Rd - Radcliff
- 3.) **CIRCUIT NAME AND NUMBER** 2334
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Radcliff - Rineyville Big Springs Rd & Rineyville Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 744
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/22/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 8.6%
- Construction- 0.0%
- Lightning- 3.2%
- Non-Company- 0.0%
- Other/Unknown- 3.5%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 84.1%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.72
10.) 2020 SAIDI	29.20
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.22
12.) 2020 SAIFI	0.17
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** 2402
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon Junction - City of Lebanon Junction - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 709
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/04/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 80.5%
- Trees- 13.5%
- Utility Equipment- 2.1%
- Vehicle- 3.2%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.29
10.) 2020 SAIDI	64.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2020 SAIFI	1.06

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)** 29.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 345
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/11/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 2.4%
- Lightning- 2.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 1.7%
- Trees- 89.1%
- Utility Equipment- 2.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	60.77
10.) 2020 SAIDI	72.64
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.54
12.) 2020 SAIFI	1.10

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

Tree Trim Scheduled for 2021

- 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** 135
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 63.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 36.6%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.50
10.) 2020 SAIDI	5.47
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.05
12.) 2020 SAIFI	0.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTVIEW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 12540 Sonora - Hardin Springs
- 3.) **CIRCUIT NAME AND NUMBER** 2408
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - W Main St, Skees St, & St. Paul Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 601
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.2%
- Non-Company- 0.0%
- Other/Unknown- 1.0%
- Overload- 0.2%
- Planned Work- 2.5%
- Trees- 0.0%
- Utility Equipment- 95.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.46
10.) 2020 SAIDI	60.14
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.53
12.) 2020 SAIFI	0.70

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)** 8.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 549
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/07/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 9.8%
- Non-Company- 0.0%
- Other/Unknown- 85.3%
- Overload- 0.0%
- Planned Work- 4.6%
- Trees- 0.0%
- Utility Equipment- 0.3%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	29.95
10.) 2020 SAIDI	48.12
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.) 2020 SAIFI	1.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 4
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 201 Sportsman Lake Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2418
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Dixie Hwy, New Glendale Rd, & Nicholas St - W & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 517
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/30/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.4%
- Overload- 0.0%
- Planned Work- 6.3%
- Trees- 1.5%
- Utility Equipment- 91.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.42
10.) 2020 SAIDI	59.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
12.) 2020 SAIFI	0.44

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 4
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 201 Sportsman Lake Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2419
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Sportsman Lake Rd & Hodenville Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 730
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/16/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.6%
- Construction- 2.6%
- Lightning- 1.2%
- Non-Company- 0.0%
- Other/Unknown- 12.5%
- Overload- 0.0%
- Planned Work- 52.3%
- Trees- 9.6%
- Utility Equipment- 18.1%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.31
- 10.) **2020 SAIDI** 12.05
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.19
- 12.) **2020 SAIFI** 0.16

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** 2422
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - KY 61/62, Navaho Dr, & Ring Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 360
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/09/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 18.9%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 65.4%
- Trees- 15.2%
- Utility Equipment- 0.0%
- Vehicle- 0.5%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.96
10.) 2020 SAIDI	35.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
12.) 2020 SAIFI	0.47

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** 564
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 56.2%
- Overload- 0.0%
- Planned Work- 13.9%
- Trees- 10.2%
- Utility Equipment- 17.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	42.61
10.) 2020 SAIDI	116.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.57
12.) 2020 SAIFI	2.49

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN WEST

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 300 College Street Rd - Elizabethtown

3.) **CIRCUIT NAME AND NUMBER** 2425

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - College Street Rd - E of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.6

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

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2021

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 100.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.02

10.) **2020 SAIDI** 10.04

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

12.) **2020 SAIFI** 0.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 300 College Street Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2427
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Peterson Dr, Geoargetown Rd, & Leitchfield Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 261
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/06/2021

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	76.70
10.) 2020 SAIDI	145.60
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.87
12.) 2020 SAIFI	2.08

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** 887
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 93.7%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 0.0%
- Utility Equipment- 0.3%
- Vehicle- 5.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.80
10.) 2020 SAIDI	72.52
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2020 SAIFI	0.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 501 Shewey Ave - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2435
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - E Main St, KY 218, & US HWY 31 E - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 373
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/15/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 29.7%
- Construction- 1.3%
- Lightning- 36.5%
- Non-Company- 0.0%
- Other/Unknown- 12.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 5.7%
- Utility Equipment- 0.0%
- Vehicle- 14.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.57
10.) 2020 SAIDI	49.23
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2020 SAIFI	0.55

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** 2436
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hiseville - Old Glasgow Rd & Hiseville Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 356
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/01/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 10.7%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 28.2%
- Utility Equipment- 60.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	92.42
10.) 2020 SAIDI	160.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2020 SAIFI	1.40

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)** 05/27/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 44.8%
- Non-Company- 0.0%
- Other/Unknown- 8.6%
- Overload- 0.0%
- Planned Work- 39.1%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 7.4%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.66
- 10.) **2020 SAIDI** 4.88
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06
- 12.) **2020 SAIFI** 0.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2444
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - 3rd St, Center St, New Hope Rd, & Rogers Rd - ESE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 572
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.4%
- Other/Unknown- 0.2%
- Overload- 0.0%
- Planned Work- 2.4%
- Trees- 2.5%
- Utility Equipment- 10.0%
- Vehicle- 84.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.90
10.) 2020 SAIDI	101.96
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.83
12.) 2020 SAIFI	1.18

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** 252
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.5%
- Construction- 0.4%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 16.5%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 76.4%
- Utility Equipment- 4.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	55.65
10.) 2020 SAIDI	173.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	0.94

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** SONORA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1340 Old Sonora Rd - Sonora
- 3.) **CIRCUIT NAME AND NUMBER** 2457
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - Sonora Hardin Springs Rd, Nolin Rd, Gilead Church Rd, & KY 222 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 496
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 17.5%
- Overload- 0.0%
- Planned Work- 0.3%
- Trees- 9.5%
- Utility Equipment- 1.5%
- Vehicle- 70.8%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	35.10
10.) 2020 SAIDI	49.25
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
12.) 2020 SAIFI	0.40

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** 2458
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - Maple St, US 31, & City of Upton - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 492
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/10/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 2.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 5.5%
- Overload- 0.0%
- Planned Work- 27.9%
- Trees- 29.3%
- Utility Equipment- 35.4%
- Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.07

10.) **2020 SAIDI** 22.32

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2020 SAIFI** 1.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VINE GROVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 108 Crutcher St - Vine Grove
- 3.) **CIRCUIT NAME AND NUMBER** 2459
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Vine Grove - Park St, Edgebrook Dr, Brown St, & 1st St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 530
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/21/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 42.1%
- Overload- 0.0%
- Planned Work- 3.6%
- Trees- 1.9%
- Utility Equipment- 52.4%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.29
10.) 2020 SAIDI	115.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2020 SAIFI	1.24

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** 380
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 3.3%
- Construction- 2.0%
- Lightning- 51.4%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 15.6%
- Utility Equipment- 27.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.56
- 10.) **2020 SAIDI** 27.32
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32
- 12.) **2020 SAIFI** 0.20
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RADCLIFF SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 100 Energy Dr - Radcliff
- 3.) **CIRCUIT NAME AND NUMBER** 2471
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hardin - S Wilson Rd & Medical Center Dr - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 106
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/06/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 82.7%
- Other/Unknown- 14.1%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 0.0%
- Utility Equipment- 1.1%
- Vehicle- 1.6%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	52.56
10.) 2020 SAIDI	243.73
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.35
12.) 2020 SAIFI	1.36

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)** 29.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 943
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/16/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.0%
- Construction- 0.0%
- Lightning- 51.2%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 33.7%
- Utility Equipment- 14.1%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	23.08
10.) 2020 SAIDI	78.27
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.22
12.) 2020 SAIFI	0.64

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

Trees Trimmed in 2021

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2473
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Old Dixie Hwy - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/29/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 23.8%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 76.2%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.03
10.) 2020 SAIDI	94.05
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
12.) 2020 SAIFI	0.67

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BLACK BRANCH	
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hardin - 1220 N Black Branch Rd - Elizabethtown	
3.) CIRCUIT NAME AND NUMBER	2477	
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Elizabethtown - City of Elizabethtown, W Main St, & St. Paul Rd- NE & SW of Substation	
5.) TOTAL CIRCUIT LENGTH (MILES)	23.2	
6.) CUSTOMER COUNT FOR THIS CIRCUIT	675	
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/18/2019	
8.) 2020 OUTAGES BY CAUSE		
	Animal- 2.0%	
	Construction- 0.0%	
	Lightning- 0.0%	
	Non-Company- 0.0%	
	Other/Unknown- 87.4%	
	Overload- 0.0%	
	Planned Work- 1.6%	
	Trees- 0.0%	
	Utility Equipment- 9.0%	
	Vehicle- 0.0%	
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		26.31
10.) 2020 SAIDI		28.22
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.87
12.) 2020 SAIFI		0.36
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN		
	Continue to Monitor	

- 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)** 15.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 639
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/21/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.3%
- Construction- 0.0%
- Lightning- 0.9%
- Non-Company- 0.0%
- Other/Unknown- 4.0%
- Overload- 0.0%
- Planned Work- 0.5%
- Trees- 0.6%
- Utility Equipment- 92.7%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	57.81
10.) 2020 SAIDI	86.55
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.49
12.) 2020 SAIFI	1.09

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** 2509
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Grange Dr, Hwy 53, & Hwy 22 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 71.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,968
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/12/2015

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.1%
- Lightning- 0.3%
- Non-Company- 0.0%
- Other/Unknown- 88.1%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 10.1%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	66.86
10.) 2020 SAIDI	224.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.44
12.) 2020 SAIFI	1.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE PENAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 3011 W Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2512
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - W Highway 146 - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary

8.) **2020 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)	78.53
10.) 2020 SAIDI	190.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
12.) 2020 SAIFI	2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE PENAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 3011 W Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2513
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - HWY 146, Jefferson St, & Allen Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,500
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/31/2021

8.) **2020 OUTAGES BY CAUSE**

- Animal- 4.1%
- Construction- 0.0%
- Lightning- 12.3%
- Non-Company- 0.0%
- Other/Unknown- 0.5%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 66.6%
- Utility Equipment- 6.5%
- Vehicle- 10.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.72
10.) 2020 SAIDI	51.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2020 SAIFI	0.42

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

Trees Trimmed in 2021

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)** 38.8

6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,384

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/13/2016

8.) **2020 OUTAGES BY CAUSE**

Animal- 3.4%

Construction- 0.0%

Lightning- 4.7%

Non-Company- 0.0%

Other/Unknown- 9.1%

Overload- 0.0%

Planned Work- 5.9%

Trees- 56.7%

Utility Equipment- 20.0%

Vehicle- 0.2%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.86
10.) 2020 SAIDI	68.52
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
12.) 2020 SAIFI	0.40

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

Tree Trim Scheduled for 2021

1.) SUBSTATION NAME AND NUMBER	LAWRENCEBURG 12KV
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Anderson - 108 E Broadway st - Lawrenceburg
3.) CIRCUIT NAME AND NUMBER	2517
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lawrenceburg - Industry Rd & Tyron Rd - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	10.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	176
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/31/2016

8.) 2020 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	2.2%
Non-Company-	0.9%
Other/Unknown-	4.7%
Overload-	0.0%
Planned Work-	0.0%
Trees-	75.9%
Utility Equipment-	16.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	32.71
10.) 2020 SAIDI	72.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2020 SAIFI	0.36

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

Tree Trim Scheduled for 2021

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** 987

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/02/2016

8.) **2020 OUTAGES BY CAUSE**

Animal- 2.0%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 0.0%

Other/Unknown- 0.9%

Overload- 0.0%

Planned Work- 5.6%

Trees- 52.2%

Utility Equipment- 38.5%

Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	30.17
10.) 2020 SAIDI	60.88
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.48
12.) 2020 SAIFI	0.39

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** SHELBYVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 183 Boone Station Rd - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2522
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - KY 60, HWY 395, & Benson Pike - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 54.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,684
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 14.5%
- Construction- 10.3%
- Lightning- 0.1%
- Non-Company- 0.0%
- Other/Unknown- 0.6%
- Overload- 0.0%
- Planned Work- 9.8%
- Trees- 37.5%
- Utility Equipment- 2.2%
- Vehicle- 25.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	88.34
10.) 2020 SAIDI	90.68
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.21
12.) 2020 SAIFI	1.55

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** 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** 464
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2017
- 8.) **2020 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)	10.43
10.) 2020 SAIDI	24.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
12.) 2020 SAIFI	0.31

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIMPSONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 6801 Shelbyville Rd - Simpsonville
- 3.) **CIRCUIT NAME AND NUMBER** 2528
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Shelbyville Rd, Champions Way, Veechdale Rd & Hwy 60 - SW & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 285
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/13/2019

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 5.8%
- Trees- 93.5%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.97
10.) 2020 SAIDI	109.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2020 SAIFI	0.47
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LOCKPORT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 88 Sawmill Rd - Bethlehem
- 3.) **CIRCUIT NAME AND NUMBER** 2531
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bethlehem - KY 22, KY 389 & Six Mile Creek Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 167
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/22/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 94.1%
- Non-Company- 1.2%
- Other/Unknown- 1.1%
- Overload- 0.0%
- Planned Work- 1.0%
- Trees- 2.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 155.79
- 10.) **2020 SAIDI** 120.02
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.97
- 12.) **2020 SAIFI** 1.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LOCKPORT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 88 Sawmill Rd - Bethlehem
- 3.) **CIRCUIT NAME AND NUMBER** 2532
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bethlehem - KY 22, Hwy 1360, Sewell Rd, & Bethlehem Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 53.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 952
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/24/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.1%
- Construction- 0.0%
- Lightning- 32.8%
- Non-Company- 0.0%
- Other/Unknown- 3.8%
- Overload- 0.0%
- Planned Work- 1.4%
- Trees- 48.8%
- Utility Equipment- 12.8%
- Vehicle- 0.1%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 102.11
- 10.) **2020 SAIDI** 62.52
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06
- 12.) **2020 SAIFI** 1.10

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

Tree Trim Scheduled for 2021

1.) SUBSTATION NAME AND NUMBER	SHELBYVILLE SOUTH
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Shelby - 614 Mack Walters Rd - Shelbyville
3.) CIRCUIT NAME AND NUMBER	2534
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Shelbyville - Main St/US 60, Sunset Way, Old KY 55, & Haven Hill Rd - NW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	861
7.) DATE OF LAST CIRCUIT TRIM (VM)	08/05/2017

8.) 2020 OUTAGES BY CAUSE	Animal- 39.9%
	Construction- 0.0%
	Lightning- 0.0%
	Non-Company- 0.0%
	Other/Unknown- 0.0%
	Overload- 0.0%
	Planned Work- 14.7%
	Trees- 17.1%
	Utility Equipment- 23.1%
	Vehicle- 5.3%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	15.53
10.) 2020 SAIDI	23.42
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.14
12.) 2020 SAIFI	0.18
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** 249

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/23/2016

8.) **2020 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 0.0%

Trees- 39.8%

Utility Equipment- 0.2%

Vehicle- 59.6%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	101.89
10.) 2020 SAIDI	281.88
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.65
12.) 2020 SAIFI	1.72

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.) **2020 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)	121.83
10.) 2020 SAIDI	62.63
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREEN RIVER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 811 Power Plant Dr - South Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 3412
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - HWY 431 & 138 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2017

8.) **2020 OUTAGES BY CAUSE**

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	86.12
10.) 2020 SAIDI	338.10
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.10
12.) 2020 SAIFI	4.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Earlington - Oak Hill (Sec 3B)
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 202 Russ Hill Rd - Nortonville
- 3.) **CIRCUIT NAME AND NUMBER** 3418
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Nortonville - Daniel Boone Rd & Hwy 41 Alt, & Hwy 62 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,127
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/07/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 28.3%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 71.7%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.87
- 10.) **2020 SAIDI** 3.00
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.39
- 12.) **2020 SAIFI** 3.00

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** 945
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2017

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 75.3%
- Non-Company- 0.0%
- Other/Unknown- 24.7%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.33
10.) 2020 SAIDI	10.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.82
12.) 2020 SAIFI	10.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** Green River - Rumsey
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** County - Road - Town
- 3.) **CIRCUIT NAME AND NUMBER** 3424
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Town - Road - General Area
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2017

8.) **2020 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)	0.40
10.) 2020 SAIDI	2.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.40
12.) 2020 SAIFI	2.00

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)** 5.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 30
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/29/2017

8.) **2020 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- 98.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	93.31
10.) 2020 SAIDI	352.33
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.02
12.) 2020 SAIFI	3.03

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)** 15.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 175
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.4%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 8.7%
- Overload- 0.0%
- Planned Work- 2.8%
- Trees- 76.2%
- Utility Equipment- 11.9%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	226.47
10.) 2020 SAIDI	517.04
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.37
12.) 2020 SAIFI	2.69

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

Tree Trim Scheduled for 2021

- 1.) **SUBSTATION NAME AND NUMBER** SHAWNEE GAS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Ball Park Rd - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4402
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - Hwy 421 & Hwy 990 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 498
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 1.6%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 50.5%
- Overload- 0.0%
- Planned Work- 35.2%
- Trees- 11.1%
- Utility Equipment- 1.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	61.07
10.) 2020 SAIDI	73.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2020 SAIFI	0.90

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

Reliability Improvements Completed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Corner of River St and Rain St - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - State HWY 38 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 116
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/11/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 40.7%
- Overload- 24.9%
- Planned Work- 8.5%
- Trees- 25.9%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	108.46
10.) 2020 SAIDI	164.31
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.33
12.) 2020 SAIFI	2.80

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN WYE 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 4411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 405
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/02/2018

8.) **2020 OUTAGES BY CAUSE**

- Animal- 36.1%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 35.7%
- Overload- 0.0%
- Planned Work- 20.8%
- Trees- 7.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.93
10.) 2020 SAIDI	35.98
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
12.) 2020 SAIFI	0.52

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CATRONS CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Near 6872 Hwy 72 - Gulston
- 3.) **CIRCUIT NAME AND NUMBER** 4427
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Gulston - Hwy 72 & Bardo Hollow Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 94
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 61.5%
- Overload- 0.0%
- Planned Work- 0.7%
- Trees- 37.3%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	106.14
10.) 2020 SAIDI	468.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2020 SAIFI	2.28

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

Trees Trimmed in 2020

- 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** 321
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/16/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 6.7%
- Overload- 0.0%
- Planned Work- 5.2%
- Trees- 87.7%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	104.40
10.) 2020 SAIDI	161.79
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.84
12.) 2020 SAIFI	1.35

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** VERDA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Corner of School St - Evarts
- 3.) **CIRCUIT NAME AND NUMBER** 4479
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Evarts - Hwy 38, Nolan Ln, & Ages Creek Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 496
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/02/2016

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 94.4%
- Overload- 0.0%
- Planned Work- 0.2%
- Trees- 5.2%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 99.98
- 10.) **2020 SAIDI** 73.49
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79
- 12.) **2020 SAIFI** 1.24

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 125 Young St. - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4501
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - E Mt. Vernon St & Eller St - E & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 720
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.5%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 2.6%
- Other/Unknown- 82.8%
- Overload- 0.0%
- Planned Work- 1.8%
- Trees- 11.7%
- Utility Equipment- 0.6%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	19.23
10.) 2020 SAIDI	24.76
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
12.) 2020 SAIFI	1.07

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** 885
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 71.3%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 0.0%
- Overload- 0.0%
- Planned Work- 0.0%
- Trees- 28.2%
- Utility Equipment- 0.5%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.93
10.) 2020 SAIDI	120.78
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2020 SAIFI	1.76

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

Trees Trimmed in 2020

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 105 Tandy Ave - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4506
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - N Main St, Robin Dr, & Elliott Dr - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 100
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020

8.) **2020 OUTAGES BY CAUSE**

- Animal- 0.0%
- Construction- 0.0%
- Lightning- 0.0%
- Non-Company- 0.0%
- Other/Unknown- 7.2%
- Overload- 0.0%
- Planned Work- 92.8%
- Trees- 0.0%
- Utility Equipment- 0.0%
- Vehicle- 0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.59
10.) 2020 SAIDI	22.67
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2020 SAIFI	0.36

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

Continue to Monitor

KENTUCKY PUBLIC SERVICE COMMISSION

ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

The Companies' Vegetation Management Plan was submitted December 19, 2007. The Distribution Vegetation Management Program encompasses right of way maintenance for Louisville Gas and Electric Company and Kentucky Utilities Company (referred to as the "Companies"). The program is centralized and managed by a Forestry Manager and eight company Utility Arborists. All are certified arborists by the International Society of Arboriculture.

The Companies' plan is to maintain a proactive trim cycle while balancing the reactive needs of worst performing circuits. The Companies' goal is to maintain an average trim cycle of five years or less. The effectiveness of the plan is evaluated by the cycle and system performance as measured by system SAIDI, SAIFI, and CAIDI.

Effectiveness of the program

KU/LG&E Tree Cycle – 4.90 years

KU (Kentucky) Tree SAIDI – 21.90 minutes

KU (Kentucky) Tree SAIFI – 0.145

KU (Kentucky) Tree CAIDI – 151.1 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

Adjustments made to the tree plan in 2020 included

No changes made to plan.

Changes to be implemented in 2021

No changes made to plan. Continue targeted hazard tree and mid-cycle trim work.

SECTION 7: UTILITY COMMENTS

SAIDI, SAIFI and CAIDI all improved in 2020 compared to the previous 5 year average including and excluding major events. 358 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2020.