

KENTUCKY PUBLIC SERVICE COMMISSION
ELECTRIC DISTRIBUTION UTILITY ANNUAL RELIABILITY REPORT

SECTION 1: CONTACT INFORMATION

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

CALENDAR YEAR OF REPORT	2024
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SECTION 3: MAJOR EVENT DAYS (MED)

T_{MED}	3.585
FIRST DATE USED TO DETERMINE T_{MED}	1/1/2019
LAST DATE USED TO DETERMINE T_{MED}	12/31/2023
NUMBER OF MED IN REPORTING YEAR	9

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>559,358</u>	TOTAL CIRCUITS	<u>1,122</u>
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Excluding MED

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>69.88</u>	SAIDI	<u>76.93</u>
SAIFI	<u>0.634</u>	SAIFI	<u>0.675</u>

Including MED

5 YEAR AVERAGE		REPORTING YEAR	
SAIDI	<u>378.98</u>	SAIDI	<u>564.24</u>
SAIFI	<u>0.943</u>	SAIFI	<u>1.123</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** 529
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/01/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 2.5%

Non-Company- 0.0%

Other/Unknown- 71.9%

Overload- 0.9%

Planned Work- 1.6%

Trees- 20.7%

Utility Equipment- 2.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 114.32

10.) **2024 SAIDI** 357.23

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.53

12.) **2024 SAIFI** 1.24

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)	4.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	580
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/01/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.2%
Planned Work-	2.9%
Trees-	96.7%
Utility Equipment-	0.3%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	39.88
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10.) 2024 SAIDI	46.23
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
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12.) 2024 SAIFI	0.05
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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	0004
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Loudon Ave and Bryan Ave. - E of Station
5.) TOTAL CIRCUIT LENGTH (MILES)	4.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	652
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/01/2023
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	88.6%
Trees-	11.3%
Utility Equipment-	0.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.35
10.) 2024 SAIDI	36.71
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.18
12.) 2024 SAIFI	0.13
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BUCHANAN
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 108 Buchanan St. - Lexington
3.) CIRCUIT NAME AND NUMBER	0005
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - W. Main St. and Jefferson St. - E of Station
5.) TOTAL CIRCUIT LENGTH (MILES)	5.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	622
7.) DATE OF LAST CIRCUIT TRIM (VM)	08/05/2023

8.) 2024 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-	50.9%
Trees-	49.1%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.60
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10.) 2024 SAIDI	28.92
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
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12.) 2024 SAIFI	0.07
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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** 0008
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - University Dr. - University of Kentucky Campus
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 753
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 3.4%

Trees- 5.9%

Utility Equipment- 89.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.08

10.) **2024 SAIDI** 29.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2024 SAIFI** 1.18

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** 0009
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Nicholasville Rd. - S of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 896
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.3%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 29.3%

Overload- 0.0%

Planned Work- 61.2%

Trees- 8.9%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 130.53

10.) **2024 SAIDI** 175.55

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

12.) **2024 SAIFI** 0.56

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BUCHANAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 108 Buchanan St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0010
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Manchester St. - S of Station
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 442
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/05/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 2.6%

Other/Unknown- 89.7%

Overload- 0.0%

Planned Work- 7.7%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.34

10.) **2024 SAIDI** 12.43

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.28

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	LEXINGTON WATER COMPANY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2300 Richmond Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0011
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Richmond Rd and Holiday Rd - NW of Station
5.) TOTAL CIRCUIT LENGTH (MILES)	3.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	154
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/06/2022
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	24.0%
Overload-	0.0%
Planned Work-	7.3%
Trees-	68.8%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	68.05
10.) 2024 SAIDI	8.77
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.56
12.) 2024 SAIFI	1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET
- 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)** 6.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 947
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023
- 8.) **2024 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- 58.7%

Trees- 14.3%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.72

10.) **2024 SAIDI** 43.70

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

12.) **2024 SAIFI** 0.22

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 420 Corral St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0015
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Coral St & Forrest Ave. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 520
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023
- 8.) **2024 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)** 27.96

10.) **2024 SAIDI** 76.05

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.36

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

Reliability Improvements Completed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY
- 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)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 702
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 71.3%

Overload- 0.0%

Planned Work- 8.3%

Trees- 20.2%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 51.64

10.) **2024 SAIDI** 160.01

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45

12.) **2024 SAIFI** 1.09

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)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 886
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 58.9%

Overload- 0.0%

Planned Work- 37.6%

Trees- 0.0%

Utility Equipment- 3.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.63

10.) **2024 SAIDI** 18.16

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

12.) **2024 SAIFI** 0.14

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HIGBY MILL DISTRIBUTION
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)	58.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,783
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/19/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	0.3%
Construction-	0.5%
Lightning-	1.5%
Non-Company-	0.0%
Other/Unknown-	7.8%
Overload-	0.0%
Planned Work-	26.3%
Trees-	9.0%
Utility Equipment-	54.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	156.13
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10.) 2024 SAIDI	243.31
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.03
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12.) 2024 SAIFI	2.89
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LANSDOWNE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3200 Montavesta Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0024
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Old Mt. Tabor Rd & Turkeyfoot Rd. - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,888
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.7%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.6%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 26.7%

Trees- 71.6%

Utility Equipment- 0.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 220.40
- 10.) **2024 SAIDI** 171.12
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.46
- 12.) **2024 SAIFI** 1.88

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** JOYLAND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2375 Paris Pike - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0025
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Beverly Ave. & Bryan Station Rd. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,706
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/04/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.1%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 71.1%

Trees- 25.5%

Utility Equipment- 3.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.60

10.) **2024 SAIDI** 158.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.76

12.) **2024 SAIFI** 1.83

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET
- 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** 588
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 5.5%

Overload- 1.2%

Planned Work- 93.2%

Trees- 0.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.71

10.) **2024 SAIDI** 233.52

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.55

12.) **2024 SAIFI** 1.92

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

Reliability Improvements Completed in 2024

1.) SUBSTATION NAME AND NUMBER	GE 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	285
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/09/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	8.7%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	79.9%
Overload-	0.0%
Planned Work-	5.8%
Trees-	3.7%
Utility Equipment-	1.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	33.58
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10.) 2024 SAIDI	46.01
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
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12.) 2024 SAIFI	0.42
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.7%
Overload-	0.0%
Planned Work-	1.7%
Trees-	97.2%
Utility Equipment-	0.3%
Vehicle-	0.0%

9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)	48.52
10.)	2024 SAIDI	54.87
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.)	2024 SAIFI	0.44
13.)	LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Trees Trimmed in 2024

- 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)** 139.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,119
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.1%

Lightning- 0.4%

Non-Company- 0.0%

Other/Unknown- 27.1%

Overload- 0.0%

Planned Work- 51.7%

Trees- 6.4%

Utility Equipment- 14.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 314.50

10.) **2024 SAIDI** 523.61

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.03

12.) **2024 SAIFI** 3.70

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

Reliability Improvements Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	LANSDOWNE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 3200 Montavesta Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0038
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Tates Creek Rd. - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	8.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,605
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/01/2024
8.) 2024 OUTAGES BY CAUSE	
	Animal- 0.2%
	Construction- 0.0%
	Lightning- 0.0%
	Non-Company- 0.0%
	Other/Unknown- 0.0%
	Overload- 0.0%
	Planned Work- 13.8%
	Trees- 26.8%
	Utility Equipment- 59.2%
	Vehicle- 0.0%
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	60.29
10.) 2024 SAIDI	98.49
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
12.) 2024 SAIFI	0.29
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	
	Reliability Improvements Scheduled for 2025

- 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)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,112
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 5.6%

Overload- 1.4%

Planned Work- 88.3%

Trees- 3.7%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.77

10.) **2024 SAIDI** 49.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.37

12.) **2024 SAIFI** 0.49

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)** 63.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,133
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/20/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 61.5%

Trees- 31.6%

Utility Equipment- 5.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 112.03

10.) **2024 SAIDI** 147.15

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

12.) **2024 SAIFI** 0.63

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	KENTUCKY RIVER
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 6300 Kentucky American Ave - Lexington
3.) CIRCUIT NAME AND NUMBER	0043
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Old Richmond Rd - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	48.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	426
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/16/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	85.0%
Trees-	13.6%
Utility Equipment-	1.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	167.45
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10.) 2024 SAIDI	181.48
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.77
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12.) 2024 SAIFI	1.11
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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** 0047
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - US 27 & 68 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 244
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/28/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.6%

Non-Company- 0.0%

Other/Unknown- 7.1%

Overload- 0.0%

Planned Work- 79.9%

Trees- 11.7%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 105.74

10.) **2024 SAIDI** 159.26

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.03

12.) **2024 SAIFI** 2.82

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ASHLAND AVENUE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 448 S Ashland Ave. - Lexington
3.) CIRCUIT NAME AND NUMBER	0050
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Fountaine Rd & Ridge Way Rd. - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	4.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	993
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	69.8%
Trees-	28.3%
Utility Equipment-	1.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	338.00
10.) 2024 SAIDI	141.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.95
12.) 2024 SAIFI	1.19

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

Reliability Improvements Completed in 2024

- 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.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 89.5%

Overload- 0.0%

Planned Work- 0.0%

Trees- 5.2%

Utility Equipment- 5.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.68

10.) **2024 SAIDI** 346.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36

12.) **2024 SAIFI** 1.23

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HIGH STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 727 West High St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0054
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - West High St & Broadway - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 748
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.7%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 20.2%

Overload- 0.0%

Planned Work- 78.2%

Trees- 0.8%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 53.67
- 10.) **2024 SAIDI** 151.40
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45
- 12.) **2024 SAIFI** 0.30
- 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)** 16.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 966
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.4%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 53.4%

Overload- 0.0%

Planned Work- 0.2%

Trees- 44.9%

Utility Equipment- 0.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.40

10.) **2024 SAIDI** 148.25

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

12.) **2024 SAIFI** 1.18

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME
- 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** 294
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/11/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.1%

Construction- 0.0%

Lightning- 16.0%

Non-Company- 0.0%

Other/Unknown- 0.5%

Overload- 67.0%

Planned Work- 0.9%

Trees- 11.6%

Utility Equipment- 2.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 106.61

10.) **2024 SAIDI** 173.17

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.90

12.) **2024 SAIFI** 1.11

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HUGHES LANE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 251 Hughes Ln. - Lexington
3.) CIRCUIT NAME AND NUMBER	0063
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - US 27 & 68 - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	25.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	234
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/31/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	0.9%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	91.0%
Trees-	7.9%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	153.57
10.) 2024 SAIDI	71.16
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.65
12.) 2024 SAIFI	1.01

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	PARKERS MILL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2085 Parkers Mill Rd - Lexington
3.) CIRCUIT NAME AND NUMBER	0064
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - New Circle Rd - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	17.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,376
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/03/2021
8.) 2024 OUTAGES BY CAUSE	
	Animal- 0.5%
	Construction- 0.0%
	Lightning- 0.0%
	Non-Company- 0.0%
	Other/Unknown- 0.0%
	Overload- 0.0%
	Planned Work- 0.1%
	Trees- 0.0%
	Utility Equipment- 99.4%
	Vehicle- 0.0%
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	2.47
10.) 2024 SAIDI	1.65
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.02
12.) 2024 SAIFI	0.03
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	
	Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RACE STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 420 Corral St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0067
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Eastern Ave. & Main St. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 481
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.0%

Overload- 0.0%

Planned Work- 25.0%

Trees- 73.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.05
- 10.) **2024 SAIDI** 19.59
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12
- 12.) **2024 SAIFI** 0.11
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Completed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** PROCTOR AND GAMBLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 120 Zesta Pl - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0068
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Delaware Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 393
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 6.9%

Non-Company- 0.0%

Other/Unknown- 0.3%

Overload- 0.0%

Planned Work- 0.7%

Trees- 89.0%

Utility Equipment- 3.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.05

10.) **2024 SAIDI** 29.44

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24

12.) **2024 SAIFI** 0.37

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** REYNOLDS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 200 W. Reynold Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0069
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lowry Ln. & Nicholasville Rd. - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 853
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.2%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 53.9%

Trees- 44.8%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.82

10.) **2024 SAIDI** 60.97

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

12.) **2024 SAIFI** 0.25

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

Tree Trim Scheduled for 2025

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	1,269
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	2.2%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	82.0%
Trees-	15.4%
Utility Equipment-	0.3%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	70.82
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10.) 2024 SAIDI	146.19
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.47
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12.) 2024 SAIFI	0.74
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	TRAFTON AVENUE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 141 Trafton St - Lexington
3.) CIRCUIT NAME AND NUMBER	0077
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Versailles Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	6.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	968
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/30/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	97.2%
Overload-	0.0%
Planned Work-	2.3%
Trees-	0.4%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.54
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10.) 2024 SAIDI	12.78
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
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12.) 2024 SAIFI	0.18
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	19.3%
Overload-	0.2%
Planned Work-	66.3%
Trees-	12.2%
Utility Equipment-	1.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.83
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10.) 2024 SAIDI	10.87
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
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12.) 2024 SAIFI	0.15
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	TRAFTON AVENUE
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	1,346
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/31/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	1.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	97.7%
Trees-	0.9%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	117.67
0.) 2024 SAIDI	265.30
1.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.43
2.) 2024 SAIFI	0.42
3.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0083
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Versailles Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 294
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.4%

Overload- 0.0%

Planned Work- 13.0%

Trees- 82.9%

Utility Equipment- 2.9%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 80.18
- 10.) **2024 SAIDI** 110.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.60
- 12.) **2024 SAIFI** 0.41
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PROCTOR AND GAMBLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 120 Zesta Pl - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0084
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Magnolia Ave - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 255
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/07/2023
- 8.) **2024 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- 0.6%

Trees- 0.0%

Utility Equipment- 99.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.65

10.) **2024 SAIDI** 12.20

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.10

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 Baumann Dr - Lexington
3.) CIRCUIT NAME AND NUMBER	0089
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Baumann Dr - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	4
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/30/2021

8.) 2024 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)	21.19
10.) 2024 SAIDI	8.62
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
12.) 2024 SAIFI	0.25

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIBERTY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2125 Liberty Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0092
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circule Rd. & Winchester Rd. - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,472
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 20.9%

Non-Company- 0.0%

Other/Unknown- 1.9%

Overload- 0.0%

Planned Work- 6.4%

Trees- 6.3%

Utility Equipment- 64.5%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.83
- 10.) **2024 SAIDI** 61.34
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.57
- 12.) **2024 SAIFI** 0.48
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GE LAMP WORKS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1809 Edision Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0094
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Edision Dr. & Bob O Link Dr. - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 151
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/09/2020
- 8.) **2024 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- 18.4%

Trees- 81.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 157.36

10.) **2024 SAIDI** 446.73

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

12.) **2024 SAIFI** 1.15

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

Tree Trim Scheduled for 2025

- 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)** 5.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 477
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 67.1%

Overload- 0.0%

Planned Work- 30.8%

Trees- 1.1%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 119.77

10.) **2024 SAIDI** 157.93

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.87

12.) **2024 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)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,265
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.7%

Construction- 0.0%

Lightning- 16.3%

Non-Company- 0.3%

Other/Unknown- 1.6%

Overload- 2.8%

Planned Work- 34.7%

Trees- 5.9%

Utility Equipment- 36.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.55

10.) **2024 SAIDI** 210.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.74

12.) **2024 SAIFI** 2.13

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

Reliability Improvements Completed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** PARKERS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2085 Parkers Mill Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0100
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Parkers Mill Rd & Alexandria Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,762
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 10.0%

Overload- 0.2%

Planned Work- 85.2%

Trees- 3.2%

Utility Equipment- 1.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 126.25

10.) **2024 SAIDI** 267.80

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.28

12.) **2024 SAIFI** 1.96

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

Reliability Improvements Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	REYNOLDS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 200 W. Reynold Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0101
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Shilito Park Rd. & Tiverton Way - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	18.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,958
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	1.2%
Non-Company-	0.0%
Other/Unknown-	27.9%
Overload-	0.0%
Planned Work-	69.7%
Trees-	1.3%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.26
10.) 2024 SAIDI	52.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
12.) 2024 SAIFI	0.19
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	REYNOLDS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 200 W. Reynold Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0102
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Mall Rd - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	5.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	615
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/10/2020

8.) 2024 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)	8.63
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10.) 2024 SAIDI	19.38
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
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12.) 2024 SAIFI	0.05
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	DONERAIL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 4601 Old Iron Works Rd - Lexington
3.) CIRCUIT NAME AND NUMBER	0104
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Georgetown Rd - N and S on Georgetown Rd from Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	33.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	428
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/20/2019
8.) 2024 OUTAGES BY CAUSE	
	Animal- 1.6%
	Construction- 0.0%
	Lightning- 0.0%
	Non-Company- 0.0%
	Other/Unknown- 0.1%
	Overload- 0.0%
	Planned Work- 7.5%
	Trees- 83.9%
	Utility Equipment- 6.9%
	Vehicle- 0.0%
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	87.81
10.) 2024 SAIDI	136.45
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.78
12.) 2024 SAIFI	0.83
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	
	Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	DONERAIL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 4601 Old Iron Works Rd - Lexington
3.) CIRCUIT NAME AND NUMBER	0105
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Iron Works Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	58.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	490
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/09/2023
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.1%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.0%
Other/Unknown-	2.8%
Overload-	0.0%
Planned Work-	89.5%
Trees-	4.9%
Utility Equipment-	2.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	263.90
10.) 2024 SAIDI	213.48
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.72
12.) 2024 SAIFI	2.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEXINGTON WATER COMPANY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2300 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0109
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lakeshore Dr. - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,114
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 52.4%

Trees- 46.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.75

10.) **2024 SAIDI** 85.22

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.30

12.) **2024 SAIFI** 0.40

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

Reliability Improvements Scheduled for 2025

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	2,105
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	3.2%
Overload-	0.0%
Planned Work-	89.7%
Trees-	0.4%
Utility Equipment-	6.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.58
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10.) 2024 SAIDI	48.71
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
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12.) 2024 SAIFI	0.23
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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** 989
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 47.5%

Overload- 0.0%

Planned Work- 25.0%

Trees- 27.4%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.38

10.) **2024 SAIDI** 125.01

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32

12.) **2024 SAIFI** 0.60

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

Trees Trimmed in 2024

1.) SUBSTATION NAME AND NUMBER	PICADOME
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 1620 Harrodsburg Rd - Lexington
3.) CIRCUIT NAME AND NUMBER	0112
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Della Dr - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,604
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	57.5%
Overload-	0.0%
Planned Work-	11.5%
Trees-	30.8%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	92.01
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10.) 2024 SAIDI	97.85
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.59
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12.) 2024 SAIFI	0.32
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** LANSDOWNE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3200 Montavesta Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0118
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - New Circle Rd. & Chinoe Rd. - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,101
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 89.6%

Overload- 0.0%

Planned Work- 2.1%

Trees- 7.7%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.73

10.) **2024 SAIDI** 74.42

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 0.54

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** 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** 276
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 94.8%

Overload- 0.0%

Planned Work- 0.6%

Trees- 1.0%

Utility Equipment- 3.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.29

10.) **2024 SAIDI** 40.64

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15

12.) **2024 SAIFI** 0.30

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** 0121
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Palumbo Dr - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2022
- 8.) **2024 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)** 334.10

10.) **2024 SAIDI** 1336.39

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

12.) **2024 SAIFI** 0.83

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** 367
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2022
- 8.) **2024 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)** 1.30

10.) **2024 SAIDI** 1.88

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.03

12.) **2024 SAIFI** 0.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VINE STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - Vine St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0125
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Vine, Upper & Limestone St. - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 306
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 21.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 22.3%

Trees- 56.2%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.62

10.) **2024 SAIDI** 249.94

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85

12.) **2024 SAIFI** 2.23

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

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	LOUDON AVENUE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 811 E Loudon Ave - Lexington
3.) CIRCUIT NAME AND NUMBER	0127
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Floyd Dr - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	10.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,323
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	1.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	17.7%
Overload-	0.0%
Planned Work-	43.4%
Trees-	34.2%
Utility Equipment-	3.3%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	98.20
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10.) 2024 SAIDI	128.21
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
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12.) 2024 SAIFI	0.77
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Trees Trimmed in 2024

1.) SUBSTATION NAME AND NUMBER	BELT LINE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 10
3.) CIRCUIT NAME AND NUMBER	0129
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - 10
5.) TOTAL CIRCUIT LENGTH (MILES)	16.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	2,010
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	2.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	26.7%
Overload-	5.4%
Planned Work-	0.2%
Trees-	20.4%
Utility Equipment-	44.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	67.48
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0.) 2024 SAIDI	64.30
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1.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
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2.) 2024 SAIFI	0.77
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3.) 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)** 8.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,335
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 10.3%

Other/Unknown- 6.2%

Overload- 18.3%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 65.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.21

10.) **2024 SAIDI** 18.41

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

12.) **2024 SAIFI** 0.27

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

Reliability Improvements Scheduled for 2025

- 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** 1,061
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 34.1%

Overload- 5.6%

Planned Work- 1.9%

Trees- 2.6%

Utility Equipment- 52.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.80

10.) **2024 SAIDI** 27.13

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

12.) **2024 SAIFI** 0.83

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** 0135
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Richmond Rd & Man O War Blvd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,654
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 3.4%

Non-Company- 0.0%

Other/Unknown- 5.7%

Overload- 0.0%

Planned Work- 13.6%

Trees- 35.3%

Utility Equipment- 41.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 112.56

10.) **2024 SAIDI** 297.84

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

12.) **2024 SAIFI** 1.51

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** WILSON DOWNING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 680 Wilson Downing Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0137
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Man O War Blvd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,458
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/26/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 11.0%

Construction- 34.3%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 2.3%

Trees- 0.2%

Utility Equipment- 52.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 2.72

10.) **2024 SAIDI** 3.79

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

12.) **2024 SAIFI** 0.30

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)** 27.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 991
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/30/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 25.2%

Overload- 0.1%

Planned Work- 66.0%

Trees- 0.8%

Utility Equipment- 5.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.43
- 10.) **2024 SAIDI** 103.71
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85
- 12.) **2024 SAIFI** 0.85
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ASHLAND PIPE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 448 S Ashland Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0142
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Tates Creek Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,799
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 2.3%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.9%

Planned Work- 14.8%

Trees- 80.6%

Utility Equipment- 1.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.08

10.) **2024 SAIDI** 65.12

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

12.) **2024 SAIFI** 0.36

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** AMERICAN AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 96 Burley Ave. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0144
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Broadway - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 570
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.4%

Construction- 0.0%

Lightning- 10.6%

Non-Company- 0.0%

Other/Unknown- 0.3%

Overload- 2.6%

Planned Work- 51.9%

Trees- 16.3%

Utility Equipment- 17.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 29.14

10.) **2024 SAIDI** 80.55

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

12.) **2024 SAIFI** 0.51

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)	32.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,999
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	83.3%
Overload-	0.0%
Planned Work-	0.1%
Trees-	15.8%
Utility Equipment-	0.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.78
10.) 2024 SAIDI	23.90
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2024 SAIFI	0.43
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0149
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Man O War Blvd & Liberty Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,426
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022
- 8.) **2024 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- 65.8%

Utility Equipment- 34.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.60
- 10.) **2024 SAIDI** 40.41
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2024 SAIFI** 0.12
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE CENTRAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 494 S 4TH ST - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0162
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - 4th St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,313
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.4%

Non-Company- 0.0%

Other/Unknown- 23.9%

Overload- 0.0%

Planned Work- 36.1%

Trees- 30.1%

Utility Equipment- 9.4%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 79.11
- 10.) **2024 SAIDI** 129.97
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75
- 12.) **2024 SAIFI** 0.72
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Reliability Improvements Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE CENTRAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 494 S 4TH ST - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0163
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Russel St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 108
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 5.4%

Overload- 0.0%

Planned Work- 6.5%

Trees- 0.0%

Utility Equipment- 88.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.70

10.) **2024 SAIDI** 170.76

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2024 SAIFI** 1.51

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 - Lebanaon Rd - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	6.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	24
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/31/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	3.3%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	32.1%
Trees-	33.8%
Utility Equipment-	30.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.66
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10.) 2024 SAIDI	166.99
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
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12.) 2024 SAIFI	0.79
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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 - 2300 Richmond Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0178
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,515
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.6%

Trees- 30.1%

Utility Equipment- 65.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.54

10.) **2024 SAIDI** 30.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15

12.) **2024 SAIFI** 0.30

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** VILEY ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 308 Alexandria Rd. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0189
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Leestown Rd and Masterson Station Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,323
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 53.2%

Construction- 0.0%

Lightning- 5.9%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 4.9%

Trees- 0.0%

Utility Equipment- 36.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.28

10.) **2024 SAIDI** 5.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.03

12.) **2024 SAIFI** 0.06

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** 0190
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - W New Cir Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 510
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/11/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 10.3%

Overload- 0.0%

Planned Work- 85.6%

Trees- 0.0%

Utility Equipment- 4.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.92

10.) **2024 SAIDI** 45.26

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

12.) **2024 SAIFI** 1.05

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HUME ROAD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2319 Hume Rd. - Lexington
3.) CIRCUIT NAME AND NUMBER	0194
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Winchester Rd, Sir Barton Way, Executive Dr, & Elkhorn Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	8.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	323
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 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-	4.2%
Trees-	92.0%
Utility Equipment-	3.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	119.87
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10.) 2024 SAIDI	255.89
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.06
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12.) 2024 SAIFI	1.43
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Trees Trimmed in 2024

- 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)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,092
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023
- 8.) **2024 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- 97.5%

Trees- 2.4%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 135.94

10.) **2024 SAIDI** 400.54

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

12.) **2024 SAIFI** 0.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STONEWALL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3060 Arrowhead Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0198
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Clays Mill Rd and Pasadena Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 908
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 57.4%

Overload- 0.0%

Planned Work- 41.3%

Trees- 1.2%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 125.09

10.) **2024 SAIDI** 227.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.82

12.) **2024 SAIFI** 1.86

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** 0199
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Harrodsburg Rd and Man O War Blvd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,151
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/09/2021
- 8.) **2024 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- 9.8%

Trees- 1.5%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.72

10.) **2024 SAIDI** 90.02

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.54

12.) **2024 SAIFI** 0.83

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** 0205
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - S & N on McWhorter Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 40.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,895
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/05/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 2.3%

Other/Unknown- 1.6%

Overload- 0.0%

Planned Work- 60.2%

Trees- 34.2%

Utility Equipment- 0.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.14
- 10.) **2024 SAIDI** 36.43
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83
- 12.) **2024 SAIFI** 1.24

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSVILLE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Taylor - 620 Clem Haskins Blvd. - Campbellsville
- 3.) **CIRCUIT NAME AND NUMBER** 0206
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsville - Broadway St & Airport Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 879
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/18/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.0%

Overload- 0.0%

Planned Work- 2.2%

Trees- 82.0%

Utility Equipment- 11.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.04

10.) **2024 SAIDI** 17.53

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.16

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CAMPBELLSVILLE INDUSTRIAL
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)	1.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	12
7.) DATE OF LAST CIRCUIT TRIM (VM)	02/18/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	35.2%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	0.0%
Trees-	0.0%
Utility Equipment-	64.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.80
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10.) 2024 SAIDI	15.19
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.10
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12.) 2024 SAIFI	0.42
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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)** 43.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 931
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/30/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.1%

Construction- 0.3%

Lightning- 0.9%

Non-Company- 0.0%

Other/Unknown- 5.8%

Overload- 0.0%

Planned Work- 23.9%

Trees- 22.4%

Utility Equipment- 42.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 59.86

10.) **2024 SAIDI** 76.95

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89

12.) **2024 SAIFI** 1.48

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** 0210
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** London - S Laurel Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 742
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.3%

Construction- 1.5%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 8.2%

Overload- 0.1%

Planned Work- 10.7%

Trees- 73.7%

Utility Equipment- 3.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.97

10.) **2024 SAIDI** 25.94

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.14

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	0211
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	London - 0.32 miles S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	2
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/16/2023

8.) 2024 OUTAGES BY CAUSE

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	11.35
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10.) 2024 SAIDI	45.38
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.13
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12.) 2024 SAIFI	0.50
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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	95	
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/26/2019	
8.) 2024 OUTAGES BY CAUSE		
	Animal-	14.1%
	Construction-	0.0%
	Lightning-	0.0%
	Non-Company-	0.0%
	Other/Unknown-	0.9%
	Overload-	0.0%
	Planned Work-	58.7%
	Trees-	26.3%
	Utility Equipment-	0.0%
	Vehicle-	0.0%
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		20.32
10.) 2024 SAIDI		7.11
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.09
12.) 2024 SAIFI		0.13
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN		
	Tree Trim Scheduled for 2025	

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 2255 Saint Mary's Rd - St Mary
- 3.) **CIRCUIT NAME AND NUMBER** 0218
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St Mary - Sait Mary's Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 143
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019
- 8.) **2024 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- 0.0%

Trees- 0.0%

Utility Equipment- 99.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.27

10.) **2024 SAIDI** 63.57

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

12.) **2024 SAIFI** 1.04

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	0219
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	St Mary - Sait Mary's Rd - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	42.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	841
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/16/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	3.6%
Construction-	0.0%
Lightning-	0.2%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	91.0%
Trees-	3.5%
Utility Equipment-	1.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	49.40
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10.) 2024 SAIDI	57.94
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
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12.) 2024 SAIFI	0.37
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MACKVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washington - 4685 Texas Rd - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 0220
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - Texas Mackville Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 134
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 13.0%

Non-Company- 0.0%

Other/Unknown- 7.7%

Overload- 0.0%

Planned Work- 79.3%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 240.44

10.) **2024 SAIDI** 684.16

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.44

12.) **2024 SAIFI** 4.48

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EAST BERNSTADT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - 440 State HWY 490 - East Bernstadt
- 3.) **CIRCUIT NAME AND NUMBER** 0221
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** East Bernstadt - US HWY 25 - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 787
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/11/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 22.2%

Trees- 76.3%

Utility Equipment- 0.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 93.94

10.) **2024 SAIDI** 126.04

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.96

12.) **2024 SAIFI** 1.64

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** 0224
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - High St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 651
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 37.1%

Trees- 53.9%

Utility Equipment- 8.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.23

10.) **2024 SAIDI** 59.65

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 1.36

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WILLIAMSBURG SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Whitley - Corner of Savoy Clear Creek Rd and Railroad Tracks East of I75 - Williamsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0225
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Williamsburg - I75 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 636
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 21.9%

Construction- 0.0%

Lightning- 3.9%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 7.1%

Trees- 8.3%

Utility Equipment- 58.8%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.59
- 10.) **2024 SAIDI** 30.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28
- 12.) **2024 SAIFI** 0.57

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

Reliability Improvements Completed in 2024

- 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 175 - 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)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 188
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 98.6%

Overload- 0.0%

Planned Work- 1.1%

Trees- 0.0%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 455.76

10.) **2024 SAIDI** 665.55

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.06

12.) **2024 SAIFI** 2.49

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PICADOME
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 1620 Harrodsburg Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0232
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Harrodsburg Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,071
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 0.3%

Overload- 0.0%

Planned Work- 77.4%

Trees- 22.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.97

10.) **2024 SAIDI** 100.29

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

12.) **2024 SAIFI** 0.42

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	286
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/30/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.7%
Overload-	0.0%
Planned Work-	36.6%
Trees-	28.5%
Utility Equipment-	34.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	3.19
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10.) 2024 SAIDI	5.77
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.04
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12.) 2024 SAIFI	0.05
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MANCHESTER SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - 530 Muddy Gap Rd - Manchester
- 3.) **CIRCUIT NAME AND NUMBER** 0254
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Manchester - State HWY 80 - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 409
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.6%

Other/Unknown- 0.5%

Overload- 0.0%

Planned Work- 24.7%

Trees- 70.2%

Utility Equipment- 3.8%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 214.19
- 10.) **2024 SAIDI** 148.49
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.74
- 12.) **2024 SAIFI** 0.89

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** GARRARD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clay - N End of Crawford Isom Rd - Manchester
- 3.) **CIRCUIT NAME AND NUMBER** 0257
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Manchester - End of Crawford Isom Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019
- 8.) **2024 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)** 288.54

10.) **2024 SAIDI** 637.60

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.00

12.) **2024 SAIFI** 2.00

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CORBIN EAST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Knox - Corner of State HWY 1232 and E Barbourville Rd - Corbin
3.) CIRCUIT NAME AND NUMBER	0275
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Corbin - Barbourville Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	30.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	870
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/14/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.4%
Construction-	0.0%
Lightning-	1.1%
Non-Company-	0.4%
Other/Unknown-	17.5%
Overload-	0.0%
Planned Work-	55.0%
Trees-	20.3%
Utility Equipment-	5.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	91.61
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10.) 2024 SAIDI	162.84
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.69
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12.) 2024 SAIFI	1.29
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VAKSDAHL AVENUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 1120 Old Lebanon Rd - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 0281
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Old Lebanon Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 100.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.75

10.) **2024 SAIDI** 14.98

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HOPEWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Corner of American Greeting Rd and Hopewell Church Rd - North Corbin
- 3.) **CIRCUIT NAME AND NUMBER** 0286
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** North Corbin - Robinson Creek Rd & US HWY 25 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 70.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,105
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 7.2%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 4.4%

Overload- 1.5%

Planned Work- 35.1%

Trees- 12.2%

Utility Equipment- 39.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.16

10.) **2024 SAIDI** 110.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.33

12.) **2024 SAIFI** 3.86

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

Reliability Improvements Completed in 2024

1.) SUBSTATION NAME AND NUMBER	CORBIN US STEEL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Whitley - S Woodbine Ave off HWY 830 - Corbin
3.) CIRCUIT NAME AND NUMBER	0288
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Corbin - 0.15 miles E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	20.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	399
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	10.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	65.7%
Trees-	22.5%
Utility Equipment-	1.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	238.19
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10.) 2024 SAIDI	389.58
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.60
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12.) 2024 SAIFI	2.04
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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** 0293
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Winchester Rd, Man O War Blvd, and Blackford Pkwy - SE of Sub
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,658
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/24/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 46.1%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 53.9%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.90

10.) **2024 SAIDI** 19.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04

12.) **2024 SAIFI** 0.12

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WHITE SULPHUR
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 4283 Frankfort Rd - Georgetown
3.) CIRCUIT NAME AND NUMBER	0296
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - Frankfort Pike - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	7.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,107
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/04/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.4%
Construction-	0.0%
Lightning-	1.5%
Non-Company-	0.0%
Other/Unknown-	0.3%
Overload-	3.6%
Planned Work-	2.4%
Trees-	75.0%
Utility Equipment-	16.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.42
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10.) 2024 SAIDI	83.77
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.60
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12.) 2024 SAIFI	0.36
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	PINEVILLE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bell - Corner of E Park Ave and Maple St - Pineville
3.) CIRCUIT NAME AND NUMBER	0303
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Pineville - US HWY 25E - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	25.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	537
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.3%
Construction-	0.0%
Lightning-	0.9%
Non-Company-	0.0%
Other/Unknown-	1.0%
Overload-	0.0%
Planned Work-	17.2%
Trees-	80.4%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.69
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10.) 2024 SAIDI	118.70
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
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12.) 2024 SAIFI	1.19
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Trees Trimmed in 2024

- 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** 10
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/22/2019
- 8.) **2024 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)** 241.18

10.) **2024 SAIDI** 786.58

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

12.) **2024 SAIFI** 2.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** KU PARK - GREASY CREEK
- 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)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 199
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 7.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 32.4%

Trees- 20.7%

Utility Equipment- 39.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 173.45

10.) **2024 SAIDI** 357.13

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.78

12.) **2024 SAIFI** 3.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MILL CREEK KU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - 5539 HWY 221 Kettle Island - Pineville
- 3.) **CIRCUIT NAME AND NUMBER** 0316
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Pineville - State HWY 221 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 337
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 24.4%

Overload- 0.0%

Planned Work- 49.1%

Trees- 20.7%

Utility Equipment- 5.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 287.21

10.) **2024 SAIDI** 554.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.40

12.) **2024 SAIFI** 2.75

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

Continue to Monitor

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	220
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/09/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	2.6%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	3.4%
Overload-	0.0%
Planned Work-	72.3%
Trees-	17.6%
Utility Equipment-	4.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	155.61
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10.) 2024 SAIDI	115.23
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.84
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12.) 2024 SAIFI	1.13
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CALLOWAY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bell - Hwy 119 - Calloway
3.) CIRCUIT NAME AND NUMBER	0318
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Tejay - State HWY 2012 - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	3.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	7
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/28/2019

8.) 2024 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-	0.6%
Trees-	99.4%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.03
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10.) 2024 SAIDI	62.03
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.64
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12.) 2024 SAIFI	0.14
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DEER BRANCH
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bell - HWY 66 0.5 miles S of Buffalo Hollow Rd, 7.5 miles N of HWY 221 - Pineville
3.) CIRCUIT NAME AND NUMBER	0319
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Pineville - State HWY 66 - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	13.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	230
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/01/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	85.1%
Trees-	13.4%
Utility Equipment-	1.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	341.04
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10.) 2024 SAIDI	765.49
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.28
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12.) 2024 SAIFI	3.44
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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 - 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)	2.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	28
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/01/2023

8.) 2024 OUTAGES BY CAUSE

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	19.52
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10.) 2024 SAIDI	63.76
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
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12.) 2024 SAIFI	1.04
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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)** 2.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 63
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 98.3%

Trees- 0.3%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 110.02

10.) **2024 SAIDI** 201.20

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.02

12.) **2024 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** 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)** 12/31/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 1.4%

Overload- 0.0%

Planned Work- 74.0%

Trees- 10.4%

Utility Equipment- 14.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 121.96

10.) **2024 SAIDI** 298.02

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.99

12.) **2024 SAIFI** 1.59

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRUSH CREEK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Knox - HWY 225 Kay Jay Road - Barbourville
- 3.) **CIRCUIT NAME AND NUMBER** 0324
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Trosper - State HWY 225 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 37
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/02/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 90.0%

Overload- 0.0%

Planned Work- 10.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 62.22

10.) **2024 SAIDI** 121.04

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

12.) **2024 SAIFI** 0.70

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	0331
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Madison East - Irvine Rd - E & W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	45.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,083
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/06/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	1.1%
Construction-	0.0%
Lightning-	13.8%
Non-Company-	4.0%
Other/Unknown-	3.0%
Overload-	42.6%
Planned Work-	16.2%
Trees-	14.4%
Utility Equipment-	4.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.64
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10.) 2024 SAIDI	21.44
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.42
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12.) 2024 SAIFI	1.18
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DARK HOLLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 37 Dark Hollow Rd - Red Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0336
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Red Lick - Wisemantown Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 532
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/14/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 22.1%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 73.1%

Trees- 2.1%

Utility Equipment- 2.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 139.42

10.) **2024 SAIDI** 170.69

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

12.) **2024 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DARK HOLLOW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 37 Dark Hollow Rd - Red Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0337
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Red Lick - Richmond Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 540
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/28/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.4%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 1.4%

Other/Unknown- 3.3%

Overload- 0.0%

Planned Work- 14.6%

Trees- 16.5%

Utility Equipment- 62.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 72.16

10.) **2024 SAIDI** 116.33

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77

12.) **2024 SAIFI** 2.27

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	RICHMOND INDUSTRIAL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Madison - 110 Mikron Way - Richmond
3.) CIRCUIT NAME AND NUMBER	0344
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Richmond - 1.51 miles S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	5.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	9
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/07/2019

8.) 2024 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-	70.3%
Trees-	29.7%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	4.56
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10.) 2024 SAIDI	17.19
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.11
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12.) 2024 SAIFI	0.33
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0350
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Dorchester Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 451
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.8%

Construction- 0.0%

Lightning- 15.8%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 54.8%

Trees- 10.0%

Utility Equipment- 15.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 97.55
- 10.) **2024 SAIDI** 44.47
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.11
- 12.) **2024 SAIFI** 1.19

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Cumberland Ace and S 38th St - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0361
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Glenboro Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 136
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/28/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 3.1%

Non-Company- 0.0%

Other/Unknown- 3.2%

Overload- 0.0%

Planned Work- 72.1%

Trees- 17.0%

Utility Equipment- 4.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 79.82

10.) **2024 SAIDI** 138.49

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.43

12.) **2024 SAIFI** 1.07

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MIDDLESBORO 1
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bell - Corner of N 19th and Ironwood Rd - Middlesborough
3.) CIRCUIT NAME AND NUMBER	0365
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Middlesborough - N 12th St - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	4.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	480
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/31/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	1.9%
Trees-	72.0%
Utility Equipment-	25.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	90.61
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10.) 2024 SAIDI	203.07
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.92
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12.) 2024 SAIFI	2.39
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MIDDLESBORO 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Corner of N 19th and Ironwood Rd - Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0372
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - Lynnwood Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 500
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.2%

Construction- 0.0%

Lightning- 11.2%

Non-Company- 0.3%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 76.9%

Trees- 7.9%

Utility Equipment- 2.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 92.03

10.) **2024 SAIDI** 178.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59

12.) **2024 SAIFI** 0.92

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** APOLLO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - Intersection of Delta Gas Rd Spur and Delta Gas Rd - Middlesboro
- 3.) **CIRCUIT NAME AND NUMBER** 0380
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesboro - Delta Gas Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020
- 8.) **2024 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)** 123.01

10.) **2024 SAIDI** 492.04

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.58

12.) **2024 SAIFI** 2.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MELDRUM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bell - HWY 25/Wilderness Rd S of HWY 2486 Middlesborough
- 3.) **CIRCUIT NAME AND NUMBER** 0390
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Middlesborough - S of Substation on US HWY 25E and E of Substation Colmar Rd
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/04/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 95.4%

Trees- 3.2%

Utility Equipment- 0.3%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 169.00
- 10.) **2024 SAIDI** 121.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.68
- 12.) **2024 SAIFI** 1.77

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

Continue to Monitor

Animal-	5.7%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	1.3%
Overload-	41.7%
Planned Work-	40.7%
Trees-	0.0%
Utility Equipment-	10.7%
Vehicle-	0.0%

12.) 2024 SAIFI	0.17
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Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HOOVER 1
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 3 Quality Dr - Georgetown
3.) CIRCUIT NAME AND NUMBER	0400
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - Quality Dr - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	3.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,267
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/12/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	1.5%
Construction-	22.3%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.9%
Overload-	0.0%
Planned Work-	39.5%
Trees-	2.4%
Utility Equipment-	33.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	9.29
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10.) 2024 SAIDI	23.98
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.06
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12.) 2024 SAIFI	0.12
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DELAPLAIN
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 413 Triport Cir - Sadieville
3.) CIRCUIT NAME AND NUMBER	0401
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Sadieville - I75 - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	10.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	109
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/28/2019

8.) 2024 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-	92.3%
Trees-	7.3%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	137.17
10.) 2024 SAIDI	74.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.66
12.) 2024 SAIFI	0.83

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** 0402
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sadieville - Triport Rd & Cincinnati Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 593
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 8.4%

Overload- 0.0%

Planned Work- 86.4%

Trees- 1.2%

Utility Equipment- 3.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.02

10.) **2024 SAIDI** 24.45

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.14

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.) 2024 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)	224.25
10.) 2024 SAIDI	145.15
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
12.) 2024 SAIFI	1.00

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	FORKS OF ELKHORN
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Franklin - 3286 Georgetown Rd - Frankfort
3.) CIRCUIT NAME AND NUMBER	0405
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Frankfort - Switzer Rd - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	55.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	699
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/27/2018

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	1.0%
Non-Company-	0.0%
Other/Unknown-	10.8%
Overload-	0.0%
Planned Work-	64.7%
Trees-	22.9%
Utility Equipment-	0.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	142.53
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10.) 2024 SAIDI	210.44
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.41
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12.) 2024 SAIFI	1.21
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORKS OF ELKHORN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 3286 Georgetown Rd - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0406
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Steadmantown Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 802
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.8%

Construction- 0.0%

Lightning- 16.6%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 20.7%

Trees- 57.9%

Utility Equipment- 1.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.92

10.) **2024 SAIDI** 34.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34

12.) **2024 SAIFI** 0.56

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FORKS OF ELKHORN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Franklin - 3286 Georgetown Rd - Frankfort
- 3.) **CIRCUIT NAME AND NUMBER** 0407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Frankfort - Old Grand Dad Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/23/2017
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 97.2%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 539.60

10.) **2024 SAIDI** 1434.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.58

12.) **2024 SAIFI** 1.67

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HOOVER 1
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 3 Quality Dr - Georgetown
3.) CIRCUIT NAME AND NUMBER	0411
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - Pocaontas Trl - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	20.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,777
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	1.7%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	86.8%
Trees-	7.9%
Utility Equipment-	3.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.16
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10.) 2024 SAIDI	53.62
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
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12.) 2024 SAIFI	0.56
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARLAN Y
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Sunshine Pike Rd just W of US HWY 421 - Harlan
- 3.) **CIRCUIT NAME AND NUMBER** 0413
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harlan - US HWY 421 Bypass - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 646
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/18/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 36.7%

Overload- 0.0%

Planned Work- 28.7%

Trees- 29.4%

Utility Equipment- 5.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 71.16

10.) **2024 SAIDI** 97.80

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.52

12.) **2024 SAIFI** 0.73

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)	32.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	700
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/09/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	2.9%
Other/Unknown-	1.3%
Overload-	0.0%
Planned Work-	93.1%
Trees-	2.6%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	191.67
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10.) 2024 SAIDI	305.69
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.39
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12.) 2024 SAIFI	2.84
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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)	21.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	302
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/19/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	5.9%
Overload-	0.0%
Planned Work-	88.5%
Trees-	5.7%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	904.32
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10.) 2024 SAIDI	969.24
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	3.13
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12.) 2024 SAIFI	4.54
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	GEORGETOWN
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)	3.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	460
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/20/2018

8.) 2024 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-	4.2%
Trees-	15.7%
Utility Equipment-	80.0%
Vehicle-	0.0%

9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)	46.85
10.)	2024 SAIDI	173.03
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.72
12.)	2024 SAIFI	2.68
13.)	LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

1.)	SUBSTATION NAME AND NUMBER	GEORGETOWN
2.)	SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 207 V
3.)	CIRCUIT NAME AND NUMBER	0421
4.)	CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - V
5.)	TOTAL CIRCUIT LENGTH (MILES)	2.8
6.)	CUSTOMER COUNT FOR THIS CIRCUIT	321
7.)	DATE OF LAST CIRCUIT TRIM (VM)	10/20/2018

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	10.9%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	39.0%
Trees-	50.2%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)	31.56
10.)	2024 SAIDI	108.72
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.37
12.)	2024 SAIFI	1.35
13.)	LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	KENTENIA	
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Harlan - Near HWY 219 on Meadow Creek Ln (Wilson Ln) - Wallins Creek	
3.) CIRCUIT NAME AND NUMBER	0422	
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Wallins Creek - HWY 219 - N of Substation	
5.) TOTAL CIRCUIT LENGTH (MILES)	44.7	
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,101	
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/01/2024	
8.) 2024 OUTAGES BY CAUSE		
	Animal-	0.5%
	Construction-	0.0%
	Lightning-	0.0%
	Non-Company-	0.0%
	Other/Unknown-	2.8%
	Overload-	0.1%
	Planned Work-	84.6%
	Trees-	9.6%
	Utility Equipment-	2.4%
	Vehicle-	0.0%
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		251.45
10.) 2024 SAIDI		202.38
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		1.26
12.) 2024 SAIFI		1.31
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN		
	Reliability Improvements Completed in 2024	

1.) SUBSTATION NAME AND NUMBER	GEORGETOWN
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 207 W Clinton St - Georgetown
3.) CIRCUIT NAME AND NUMBER	0427
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - S Broadway St - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	7.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	757
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	10.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	16.5%
Trees-	0.0%
Utility Equipment-	73.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	13.58
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10.) 2024 SAIDI	10.75
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
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12.) 2024 SAIFI	0.39
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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** 0431
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - US 460 Pike - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,383
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.7%

Non-Company- 0.0%

Other/Unknown- 14.5%

Overload- 2.8%

Planned Work- 45.3%

Trees- 35.5%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 98.84

10.) **2024 SAIDI** 176.64

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.11

12.) **2024 SAIFI** 2.08

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

Tree Trim Scheduled for 2025

- 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)** 3.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 88
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/06/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 71.4%

Trees- 25.9%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 314.06

10.) **2024 SAIDI** 361.55

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

12.) **2024 SAIFI** 2.84

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** LEMONS MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 125 Carley Ct - Georgetown
- 3.) **CIRCUIT NAME AND NUMBER** 0440
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - McClelland Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,544
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.4%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 1.0%

Overload- 5.0%

Planned Work- 0.0%

Trees- 40.1%

Utility Equipment- 52.9%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.29
- 10.) **2024 SAIDI** 14.41
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23
- 12.) **2024 SAIFI** 0.36

- 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)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,538
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 6.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.7%

Overload- 0.0%

Planned Work- 1.1%

Trees- 32.3%

Utility Equipment- 55.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.54

10.) **2024 SAIDI** 34.51

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32

12.) **2024 SAIFI** 1.01

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

Tree Trim Scheduled for 2025

- 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** 58
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2018
- 8.) **2024 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)** 0.57

10.) **2024 SAIDI** 1.13

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

12.) **2024 SAIFI** 0.02

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)** 10.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 542
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 1.0%

Other/Unknown- 7.7%

Overload- 0.0%

Planned Work- 90.7%

Trees- 0.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 34.76

10.) **2024 SAIDI** 66.61

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2024 SAIFI** 0.34

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** 0470
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Georgetown - Oxford Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 38.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,234
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/31/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.7%

Construction- 0.0%

Lightning- 2.2%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 25.1%

Trees- 66.9%

Utility Equipment- 3.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.62

10.) **2024 SAIDI** 46.31

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2024 SAIFI** 0.42

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

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	OXFORD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 1827 Oxford Dr - Georgetown
3.) CIRCUIT NAME AND NUMBER	0471
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Georgetown - Oxford Rd - S & E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	13.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	652
7.) DATE OF LAST CIRCUIT TRIM (VM)	08/31/2019
8.) 2024 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-	54.4%
Trees-	37.9%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	2.45
10.) 2024 SAIDI	2.43
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
12.) 2024 SAIFI	0.02

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)** 47.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 584
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.8%

Overload- 0.0%

Planned Work- 10.1%

Trees- 83.1%

Utility Equipment- 3.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 96.63

10.) **2024 SAIDI** 107.82

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.70

12.) **2024 SAIFI** 1.46

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

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	SHADRACK
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Franklin - 74 Bethel Ln - Frankfort
3.) CIRCUIT NAME AND NUMBER	0476
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Frankfort - S on US HWY 127 & N on Peaks Mill Rd
5.) TOTAL CIRCUIT LENGTH (MILES)	61.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	705
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/29/2018

8.) 2024 OUTAGES BY CAUSE

Animal-	1.5%
Construction-	0.0%
Lightning-	0.9%
Non-Company-	0.0%
Other/Unknown-	17.7%
Overload-	0.0%
Planned Work-	7.5%
Trees-	23.8%
Utility Equipment-	48.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	137.47
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10.) 2024 SAIDI	155.62
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.34
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12.) 2024 SAIFI	1.26
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STAMPING GROUND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Scott Ky - 3540 Main St - Stamping Ground
- 3.) **CIRCUIT NAME AND NUMBER** 0480
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stamping Ground - Owenton/HWY 227 N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 55.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 498
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/23/2017
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 5.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 3.3%

Planned Work- 85.2%

Trees- 2.8%

Utility Equipment- 2.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 218.36

10.) **2024 SAIDI** 388.66

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 2.01

12.) **2024 SAIFI** 4.12

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	STAMPING GROUND
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Scott Ky - 3540 Main St - Stamping Ground
3.) CIRCUIT NAME AND NUMBER	0481
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Stamping Ground - SE on Main St & N on Locust Fork Rd
5.) TOTAL CIRCUIT LENGTH (MILES)	102.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,327
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/23/2023
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.6%
Construction-	0.2%
Lightning-	2.1%
Non-Company-	0.0%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	92.5%
Trees-	2.6%
Utility Equipment-	1.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	93.92
10.) 2024 SAIDI	89.65
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
12.) 2024 SAIFI	0.80

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ALEXANDER
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Woodford - 2915 Troy Pike - Versailles
3.) CIRCUIT NAME AND NUMBER	0500
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Woodford South - Troy Pike - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	95.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,001
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/11/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.6%
Construction-	0.0%
Lightning-	0.3%
Non-Company-	0.0%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	52.7%
Trees-	41.6%
Utility Equipment-	4.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	142.41
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10.) 2024 SAIDI	198.46
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.99
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12.) 2024 SAIFI	0.55
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MIDWAY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Woodford - 860 Weisenburger Rd - Midway
3.) CIRCUIT NAME AND NUMBER	0504
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Midway - Weisenberger Mill Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	63.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	558
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/14/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	1.1%
Non-Company-	0.5%
Other/Unknown-	1.1%
Overload-	0.0%
Planned Work-	54.2%
Trees-	42.1%
Utility Equipment-	0.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	197.74
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10.) 2024 SAIDI	380.83
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.50
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12.) 2024 SAIFI	1.48
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	VERSAILLES BYPASS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Woodford - 350 Markham Dr - Versailles
3.) CIRCUIT NAME AND NUMBER	0509
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Versailles - Frankfort Rd - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	137.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	2,011
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/23/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	3.9%
Non-Company-	3.8%
Other/Unknown-	6.0%
Overload-	0.0%
Planned Work-	72.8%
Trees-	11.8%
Utility Equipment-	1.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	236.86
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10.) 2024 SAIDI	345.76
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.26
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12.) 2024 SAIFI	1.62
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	VERSAILLES WEST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Woodford - 115 Rutter Rd - Versailles
3.) CIRCUIT NAME AND NUMBER	0512
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Versailles - Tyrone Pike - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	34.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,125
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/03/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	1.0%
Construction-	0.0%
Lightning-	11.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	39.4%
Trees-	35.1%
Utility Equipment-	13.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	69.52
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10.) 2024 SAIDI	81.32
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
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12.) 2024 SAIFI	0.46
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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)** 26.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 948
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/22/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.1%

Planned Work- 73.9%

Trees- 24.6%

Utility Equipment- 1.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 98.63

10.) **2024 SAIDI** 233.05

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.88

12.) **2024 SAIFI** 1.04

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MIDWAY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Woodford - 860 Weisenburger Rd - Midway
3.) CIRCUIT NAME AND NUMBER	0516
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Midway - State HWY 341 - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	39.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	819
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/13/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	4.1%
Overload-	0.0%
Planned Work-	66.5%
Trees-	22.3%
Utility Equipment-	6.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	86.32
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10.) 2024 SAIDI	126.38
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.85
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12.) 2024 SAIFI	1.44
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAYNES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 221 Paynes Mill Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0517
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Lexington Rd, Crossfield Dr, Kroger Way - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 107
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 41.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 14.9%

Trees- 12.4%

Utility Equipment- 30.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.59

10.) **2024 SAIDI** 25.87

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

12.) **2024 SAIFI** 0.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAYNES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 221 Paynes Mill Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0518
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Lexington Rd, Gleneagles Way, and Bryanwood St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,888
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 0.6%

Overload- 0.0%

Planned Work- 21.8%

Trees- 61.1%

Utility Equipment- 15.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.82

10.) **2024 SAIDI** 52.88

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34

12.) **2024 SAIFI** 0.65

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PAYNES MILL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Woodford - 221 Paynes Mill Rd - Versailles
- 3.) **CIRCUIT NAME AND NUMBER** 0519
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Versailles - Lexington Rd, Methodist Home, Paynes Mill Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 141
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/20/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 47.0%

Trees- 52.0%

Utility Equipment- 0.7%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.62
- 10.) **2024 SAIDI** 42.63
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33
- 12.) **2024 SAIFI** 0.35

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	SOMERSET 1
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Pulaski - 144 Railroad Dr - Somerset
3.) CIRCUIT NAME AND NUMBER	0522
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Somerset - Langdon St - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	3.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	290
7.) DATE OF LAST CIRCUIT TRIM (VM)	02/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	2.4%
Other/Unknown-	1.2%
Overload-	0.0%
Planned Work-	88.2%
Trees-	8.2%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	6.71
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10.) 2024 SAIDI	20.63
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
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12.) 2024 SAIFI	0.21
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 1
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 144 Railroad Dr - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0523
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - S Main St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 70
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/15/2020
- 8.) **2024 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)** 3.52

10.) **2024 SAIDI** 8.11

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

12.) **2024 SAIFI** 0.11

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)	5.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	192
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/04/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	3.7%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	14.9%
Overload-	0.0%
Planned Work-	22.8%
Trees-	58.7%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.31
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10.) 2024 SAIDI	65.80
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	0.60
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WAITSBORO
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Pulaski - 676 Old Monticello Rd at W Summitt Dr just W of HWY 27 - Somerset
3.) CIRCUIT NAME AND NUMBER	0533
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Somerset - N & S on HWY 27
5.) TOTAL CIRCUIT LENGTH (MILES)	24.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,131
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	6.2%
Non-Company-	0.2%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	81.6%
Trees-	10.8%
Utility Equipment-	0.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	54.90
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10.) 2024 SAIDI	90.63
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
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12.) 2024 SAIFI	1.76
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	FERGUSON SOUTH
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Pulaski - 140 McKee Rd - Somerset
3.) CIRCUIT NAME AND NUMBER	0539
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Somerset - Crane Rd - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	16.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	754
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.4%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.3%
Other/Unknown-	32.3%
Overload-	0.0%
Planned Work-	53.7%
Trees-	12.9%
Utility Equipment-	0.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.34
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10.) 2024 SAIDI	22.73
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.45
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12.) 2024 SAIFI	0.34
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FERGUSON SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 140 McKee Rd - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 0540
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - McKee Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/14/2020
- 8.) **2024 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)** 16.70

10.) **2024 SAIDI** 66.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BURNSIDE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Pulaski - S Hwy 27 - Burnside
3.) CIRCUIT NAME AND NUMBER	0544
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Burnside - City of Burnside - NW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	13.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	496
7.) DATE OF LAST CIRCUIT TRIM (VM)	02/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	4.1%
Construction-	0.0%
Lightning-	22.7%
Non-Company-	0.2%
Other/Unknown-	0.3%
Overload-	0.0%
Planned Work-	35.4%
Trees-	0.5%
Utility Equipment-	37.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	91.90
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10.) 2024 SAIDI	200.91
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.14
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12.) 2024 SAIFI	2.92
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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)	03/04/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	24.0%
Overload-	0.0%
Planned Work-	67.0%
Trees-	8.6%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	282.11
10.) 2024 SAIDI	372.75
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.92
12.) 2024 SAIFI	0.84
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 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)** 23.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 719
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/20/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.6%

Non-Company- 0.3%

Other/Unknown- 2.4%

Overload- 0.0%

Planned Work- 77.2%

Trees- 16.3%

Utility Equipment- 2.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.86

10.) **2024 SAIDI** 153.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49

12.) **2024 SAIFI** 0.95

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

Continue to Monitor

- 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)** 30.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 525
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/17/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 73.1%

Overload- 0.0%

Planned Work- 22.6%

Trees- 2.1%

Utility Equipment- 2.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 153.23

10.) **2024 SAIDI** 446.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.69

12.) **2024 SAIFI** 1.22

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DANIEL BOONE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 500 Daniel Boone Rd - Nortonville
3.) CIRCUIT NAME AND NUMBER	0557
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Nortonville - Dan Boone Rd, Squire Rd, Hwy 62 - NW&SE of Subst.
5.) TOTAL CIRCUIT LENGTH (MILES)	10.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	136
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/03/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.1%
Planned Work-	0.2%
Trees-	99.7%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	146.43
10.) 2024 SAIDI	38.35
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.54
12.) 2024 SAIFI	0.59

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WHITLEY CITY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City
3.) CIRCUIT NAME AND NUMBER	0575
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Stearns-Whitley City - Tunnel Ridge Rd - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	613
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	4.6%
Construction-	0.0%
Lightning-	13.2%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	67.2%
Trees-	13.5%
Utility Equipment-	1.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	27.87
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10.) 2024 SAIDI	51.61
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	0.48
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WHITLEY CITY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	McCreary - Corner of US HWY 27 & Hicks Rd - Stearns-Whitley City
3.) CIRCUIT NAME AND NUMBER	0576
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Stearns-Whitley City - US HWY 27 - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	39.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	757
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.3%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.8%
Other/Unknown-	1.3%
Overload-	0.1%
Planned Work-	56.9%
Trees-	36.0%
Utility Equipment-	4.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	257.38
10.) 2024 SAIDI	258.56
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.40
12.) 2024 SAIFI	0.97
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Trees Trimmed in 2024

1.) SUBSTATION NAME AND NUMBER	WILMORE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Jessamine - 210 W Linden St - Wilmore
3.) CIRCUIT NAME AND NUMBER	0585
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Wilmore - College St - E & S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	22.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	893
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/16/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	2.3%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.0%
Other/Unknown-	5.0%
Overload-	0.0%
Planned Work-	65.3%
Trees-	5.5%
Utility Equipment-	21.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.40
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10.) 2024 SAIDI	114.60
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
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12.) 2024 SAIFI	1.44
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	INNOVATION DRIVE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2350 Innovation Dr - Lexington
3.) CIRCUIT NAME AND NUMBER	0594
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Greendale Rd - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	28.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	2,908
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	6.4%
Overload-	0.0%
Planned Work-	17.7%
Trees-	1.3%
Utility Equipment-	74.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.55
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10.) 2024 SAIDI	4.44
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
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12.) 2024 SAIFI	0.03
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** INNOVATION DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0595
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Drummond Dr and Georgetown Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 21.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,539
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 3.3%

Overload- 2.2%

Planned Work- 0.2%

Trees- 93.9%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.74

10.) **2024 SAIDI** 23.83

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.23

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** INNOVATION DRIVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 2350 Innovation Dr - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0596
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Spurr Rd and Kearney Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 894
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/09/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.5%

Construction- 45.0%

Lightning- 0.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 51.2%

Trees- 1.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.57

10.) **2024 SAIDI** 28.65

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.15

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** 0599
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - US 27 & US 68 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,168
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 6.7%

Overload- 0.0%

Planned Work- 61.5%

Trees- 26.0%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.29

10.) **2024 SAIDI** 197.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73

12.) **2024 SAIFI** 1.85

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

Trees Trimmed in 2024

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)	15.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,303
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/14/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	9.7%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	19.6%
Trees-	23.9%
Utility Equipment-	46.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.21
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10.) 2024 SAIDI	13.58
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.15
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12.) 2024 SAIFI	0.13
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMARGO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 555 S Queen St - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0605
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mount Sterling - 686 Bypass & Spencer Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 39.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,337
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 19.0%

Overload- 0.0%

Planned Work- 12.4%

Trees- 11.3%

Utility Equipment- 56.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 39.61

10.) **2024 SAIDI** 98.22

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.49

12.) **2024 SAIFI** 0.90

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	A O SMITH
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Montgomery - 1871 Owingsville Rd - Mt. Sterling
3.) CIRCUIT NAME AND NUMBER	0607
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Mount Sterling - Maysville Rd - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	36.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,095
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/14/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.3%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	29.1%
Trees-	59.7%
Utility Equipment-	10.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.04
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10.) 2024 SAIDI	19.42
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	0.14
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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	216
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/14/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	11.6%
Construction-	0.0%
Lightning-	7.9%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	0.0%
Trees-	79.1%
Utility Equipment-	1.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.17
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10.) 2024 SAIDI	50.93
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.44
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12.) 2024 SAIFI	0.63
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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)	8.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	478
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/24/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	4.0%
Non-Company-	0.0%
Other/Unknown-	3.0%
Overload-	0.0%
Planned Work-	35.0%
Trees-	58.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.10
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10.) 2024 SAIDI	127.49
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.76
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12.) 2024 SAIFI	1.83
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Reliability Improvements Completed in 2024

1.) SUBSTATION NAME AND NUMBER	OWINGSVILLE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Montgomery - 69 W Paul Lewis Dr - Owingsville
3.) CIRCUIT NAME AND NUMBER	0611
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Owingsville - W Main St - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	25.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	729
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/24/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	2.4%
Overload-	0.0%
Planned Work-	94.6%
Trees-	2.8%
Utility Equipment-	0.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	60.56
10.) 2024 SAIDI	31.00
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.) 2024 SAIFI	1.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALT LICK
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bath - 11457 US HWY 60 E - Salt Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0613
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salt Lick - US HWY 60 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 257
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/03/2023
- 8.) **2024 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- 81.6%

Trees- 3.0%

Utility Equipment- 15.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 126.93

10.) **2024 SAIDI** 191.35

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.14

12.) **2024 SAIFI** 1.70

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

Reliability Improvements Completed in 2024

1.) SUBSTATION NAME AND NUMBER	FARMERS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Rowan - 6901 US 60 W - Morehead
3.) CIRCUIT NAME AND NUMBER	0614
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Morehead - US HWY 60 - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	5.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	142
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/18/2022
8.) 2024 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-	98.2%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.55
10.) 2024 SAIDI	8.58
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.15
12.) 2024 SAIFI	0.24

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** 629
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 96.1%

Trees- 3.1%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.31

10.) **2024 SAIDI** 67.18

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32

12.) **2024 SAIFI** 0.40

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MOREHEAD WEST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Rowan - 133 Gregory Ct - Morehead
3.) CIRCUIT NAME AND NUMBER	0616
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Morehead - US HWY 60 - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	8.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	373
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/09/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	1.8%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	2.9%
Overload-	0.0%
Planned Work-	90.3%
Trees-	4.2%
Utility Equipment-	0.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	40.93
10.) 2024 SAIDI	32.28
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
12.) 2024 SAIFI	0.34

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 133 Gregory Ct - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0617
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Clearfield Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,472
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 2.6%

Overload- 0.0%

Planned Work- 69.4%

Trees- 25.5%

Utility Equipment- 1.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.83

10.) **2024 SAIDI** 38.95

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2024 SAIFI** 0.43

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

Reliability Improvements Completed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD
- 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** 111
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022
- 8.) **2024 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)** 2.90

10.) **2024 SAIDI** 4.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04

12.) **2024 SAIFI** 0.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOREHEAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rowan - 100 E Wilkinson Blvd - Morehead
- 3.) **CIRCUIT NAME AND NUMBER** 0619
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morehead - Wilkinson Blvd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 204
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 95.8%

Overload- 0.0%

Planned Work- 1.8%

Trees- 0.0%

Utility Equipment- 2.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.46

10.) **2024 SAIDI** 8.09

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.04

12.) **2024 SAIFI** 0.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ROCKWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 5835 Rockwell Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0626
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Lexington Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 596
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/04/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.3%

Trees- 50.0%

Utility Equipment- 44.3%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.54
- 10.) **2024 SAIDI** 11.56
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2024 SAIFI** 0.18

- 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)** 16.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 468
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/17/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.2%

Construction- 0.0%

Lightning- 0.5%

Non-Company- 0.0%

Other/Unknown- 1.9%

Overload- 0.0%

Planned Work- 69.8%

Trees- 26.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.77

10.) **2024 SAIDI** 101.97

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.37

12.) **2024 SAIFI** 0.55

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** 0630
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Cherry St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,414
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.7%

Construction- 0.0%

Lightning- 0.5%

Non-Company- 0.0%

Other/Unknown- 3.8%

Overload- 0.0%

Planned Work- 63.8%

Trees- 29.1%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.33

10.) **2024 SAIDI** 35.39

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

12.) **2024 SAIFI** 1.28

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** PARKER SEAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 390 Mt Sterling Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0631
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Rolling Hills Ln - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 383
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/17/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.7%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 99.0%

Trees- 0.1%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.56

10.) **2024 SAIDI** 159.54

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

12.) **2024 SAIFI** 0.61

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** 76
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/03/2021
- 8.) **2024 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)** 10.02

10.) **2024 SAIDI** 18.99

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.22

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	0634
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Winchester - Maple St - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	1.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	261
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/03/2021

8.) 2024 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-	90.4%
Trees-	0.0%
Utility Equipment-	9.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.46
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10.) 2024 SAIDI	16.45
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.34
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12.) 2024 SAIFI	0.16
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 105 Hood Ave - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0637
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Belmont Ave & S Burns Ave - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 374
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 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- 94.7%

Trees- 4.4%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.29

10.) **2024 SAIDI** 16.37

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

12.) **2024 SAIFI** 0.09

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WINCHESTER WATER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 335 Waterworks Rd - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0642
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - Waterworks Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 233
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 5.2%

Overload- 0.0%

Planned Work- 93.0%

Trees- 0.8%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.40

10.) **2024 SAIDI** 24.67

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45

12.) **2024 SAIFI** 1.20

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)** 9.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 61
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.8%

Construction- 0.0%

Lightning- 1.7%

Non-Company- 0.0%

Other/Unknown- 88.0%

Overload- 0.0%

Planned Work- 1.1%

Trees- 7.3%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.20

10.) **2024 SAIDI** 55.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34

12.) **2024 SAIFI** 0.79

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MUHLENBERG PRISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 1200 River Rd - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 0657
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Hwy 431, S R 81, & S Carrolton St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 714
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 1.7%

Overload- 0.0%

Planned Work- 97.8%

Trees- 0.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 57.02

10.) **2024 SAIDI** 85.33

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.86

12.) **2024 SAIFI** 1.23

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	348
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/14/2023

8.) 2024 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)	2.31
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10.) 2024 SAIDI	2.60
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.03
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12.) 2024 SAIFI	0.02
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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** 0663
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - S Queen St - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,094
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/15/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 99.0%

Trees- 0.4%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.25

10.) **2024 SAIDI** 14.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.12

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	0664
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Mt Sterling - S Queen St - NW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	94
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/15/2023

8.) 2024 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)	0.65
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10.) 2024 SAIDI	1.50
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
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12.) 2024 SAIFI	0.02
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BEDFORD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Trimble - 660 Cutshaw - Bedford
3.) CIRCUIT NAME AND NUMBER	0700
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Bedford - City of Bedford/Highway 421N - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	33.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	897
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/21/2020
8.) 2024 OUTAGES BY CAUSE	

Animal-	1.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	60.1%
Overload-	0.0%
Planned Work-	0.5%
Trees-	37.3%
Utility Equipment-	1.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	72.39
10.) 2024 SAIDI	80.17
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.62
12.) 2024 SAIFI	0.49
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)** 77.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 959
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.5%

Non-Company- 0.0%

Other/Unknown- 15.8%

Overload- 0.0%

Planned Work- 12.8%

Trees- 32.9%

Utility Equipment- 37.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 109.17

10.) **2024 SAIDI** 308.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.96

12.) **2024 SAIFI** 3.01

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CAMPBELLSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henry - 379 Turners Station Rd. - Campbellsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0703
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Campbellsburg - Hwy 193 & Webb Ln - W & E of Sub.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 52.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 949
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 11.6%

Non-Company- 0.0%

Other/Unknown- 6.3%

Overload- 0.0%

Planned Work- 12.1%

Trees- 5.9%

Utility Equipment- 63.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 95.85

10.) **2024 SAIDI** 201.88

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.24

12.) **2024 SAIFI** 1.50

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON
- 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** 500
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 13.7%

Overload- 0.0%

Planned Work- 82.3%

Trees- 0.0%

Utility Equipment- 3.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 33.92

10.) **2024 SAIDI** 100.63

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

12.) **2024 SAIFI** 0.58

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON
- 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)** 32.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 754
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 9.9%

Overload- 0.0%

Planned Work- 18.2%

Trees- 69.8%

Utility Equipment- 1.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 48.89

10.) **2024 SAIDI** 97.49

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85

12.) **2024 SAIFI** 2.06

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** CARROLLTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 802 Mason St - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0708
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - 11th St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 795
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 92.5%

Overload- 0.0%

Planned Work- 3.7%

Trees- 3.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.69

10.) **2024 SAIDI** 99.08

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42

12.) **2024 SAIFI** 0.80

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CARROLLTON
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)	22.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	389
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/02/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.7%
Construction-	0.0%
Lightning-	2.0%
Non-Company-	0.4%
Other/Unknown-	79.8%
Overload-	0.0%
Planned Work-	1.1%
Trees-	13.4%
Utility Equipment-	2.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	140.93
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10.) 2024 SAIDI	324.16
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.61
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12.) 2024 SAIFI	0.87
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DAYTON-WALTHER
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Carroll - 5220 Highway 42 E - Carrollton
3.) CIRCUIT NAME AND NUMBER	0710
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Carrollton - D Rd & US HWY 42 - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	5.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	50
7.) DATE OF LAST CIRCUIT TRIM (VM)	08/07/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	21.9%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	0.0%
Trees-	7.6%
Utility Equipment-	70.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	53.31
10.) 2024 SAIDI	49.50
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
12.) 2024 SAIFI	0.88

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DOW CORNING
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 4790 Highway 42 E - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0712
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - US HWY 42 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/10/2023
- 8.) **2024 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)** 37.20

10.) **2024 SAIDI** 148.82

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.50

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** 163
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/14/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 96.3%

Overload- 0.0%

Planned Work- 3.7%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 1.97

10.) **2024 SAIDI** 6.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.02

12.) **2024 SAIFI** 0.05

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	0716
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Owenton - Gratz Rd- SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	19.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	490
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/04/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	1.8%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.0%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	54.1%
Trees-	3.2%
Utility Equipment-	40.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	67.74
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10.) 2024 SAIDI	85.15
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
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12.) 2024 SAIFI	0.26
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GHENT CITY
- 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** 299
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/31/2021
- 8.) **2024 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- 95.7%

Trees- 4.0%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 105.63

10.) **2024 SAIDI** 154.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.92

12.) **2024 SAIFI** 1.28

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HUNTERS BOTTOM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Trimble - 400 Hunter Heights Rd - Milton
- 3.) **CIRCUIT NAME AND NUMBER** 0719
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Milton - N Spillman Lan, HWY 421 N - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 506
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/21/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 4.3%

Non-Company- 0.0%

Other/Unknown- 91.3%

Overload- 0.0%

Planned Work- 2.4%

Trees- 1.7%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 440.47

10.) **2024 SAIDI** 1400.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.17

12.) **2024 SAIFI** 2.18

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

Continue to Monitor

Animal-	1.4%
Construction-	48.7%
Lightning-	31.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	19.0%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

12.) 2024 SAIFI	0.48
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1.)	SUBSTATION NAME AND NUMBER	LAWRENCE
2.)	SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Henry - 9255 HWY 55 - Campbellsburg
3.)	CIRCUIT NAME AND NUMBER	0720
4.)	CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Campbellsburg - HWY 55, HWY 316 - N & S of Substation
5.)	TOTAL CIRCUIT LENGTH (MILES)	11.3
6.)	CUSTOMER COUNT FOR THIS CIRCUIT	109
7.)	DATE OF LAST CIRCUIT TRIM (VM)	03/28/2020
8.)	2024 OUTAGES BY CAUSE	

Animal-	1.4%
Construction-	48.7%
Lightning-	31.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	19.0%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.57
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10.) 2024 SAIDI	59.04
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.30
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12.) 2024 SAIFI	0.48
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** METAL AND THERMIT
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carroll - 2318 Highland Ave - Carrollton
- 3.) **CIRCUIT NAME AND NUMBER** 0722
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Carrollton - Easterday Rd, Highland Ave - NE and SE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 438
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.9%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 70.8%

Overload- 0.0%

Planned Work- 13.9%

Trees- 13.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.43
- 10.) **2024 SAIDI** 28.91
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.27
- 12.) **2024 SAIFI** 0.11
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SCHOLLS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - 970 HWY 127 N - Owenton
- 3.) **CIRCUIT NAME AND NUMBER** 0724
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Owenton - HWY 127 N, State HWY 845 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 185
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 86.8%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 5.0%

Trees- 0.0%

Utility Equipment- 8.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.42
- 10.) **2024 SAIDI** 44.46
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34
- 12.) **2024 SAIFI** 0.22
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MARKLAND DAM
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Gallatin - RR 2 Box 26B - Warsaw
3.) CIRCUIT NAME AND NUMBER	0729
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Warsaw - US HWY 42 - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	2
7.) DATE OF LAST CIRCUIT TRIM (VM)	08/07/2021

8.) 2024 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)	115.55
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10.) 2024 SAIDI	462.20
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	1.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SPARTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Owen - RR 1 Box 136C - Sparta
- 3.) **CIRCUIT NAME AND NUMBER** 0730
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sparta - State HWY 467 - NE & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 382
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 78.3%

Overload- 0.0%

Planned Work- 5.0%

Trees- 12.6%

Utility Equipment- 4.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 467.03

10.) **2024 SAIDI** 568.99

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.73

12.) **2024 SAIFI** 2.93

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)** 6.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 110
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 90.0%

Overload- 0.0%

Planned Work- 5.1%

Trees- 4.3%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 243.15

10.) **2024 SAIDI** 356.50

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77

12.) **2024 SAIFI** 1.98

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** STANFORD NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lincoln - 300 Lee Dr - Stanford
- 3.) **CIRCUIT NAME AND NUMBER** 0767
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Stanford - US Hwy 27, E Main St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 596
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/16/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 8.9%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 4.4%

Trees- 84.8%

Utility Equipment- 1.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.49

10.) **2024 SAIDI** 31.05

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.37

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

Tree Trim Scheduled for 2025

- 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)** 4.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 197
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 54.8%

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- 45.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 14.43

10.) **2024 SAIDI** 53.40

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2024 SAIFI** 0.66

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MOREHEAD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Rowan - 100 E Wilkinson Blvd - Morehead
3.) CIRCUIT NAME AND NUMBER	0780
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Morehead - 2nd St - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	15.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,359
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	1.6%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	7.2%
Overload-	0.0%
Planned Work-	41.0%
Trees-	43.7%
Utility Equipment-	6.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	24.67
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10.) 2024 SAIDI	40.92
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.28
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12.) 2024 SAIFI	0.42
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** DETROIT HARVESTER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - 115 W 20th St - Paris
- 3.) **CIRCUIT NAME AND NUMBER** 0801
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Paris - Bypass Rd, S Main, US 27/66, Bethlehem Rd - SW of Sub
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 74.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,210
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/30/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.2%

Other/Unknown- 2.3%

Overload- 0.0%

Planned Work- 34.8%

Trees- 58.2%

Utility Equipment- 3.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.67

10.) **2024 SAIDI** 48.39

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MILLERSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bourbon - Vimont Ln. – Millersburg
- 3.) **CIRCUIT NAME AND NUMBER** 0808
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Millersburg - Old US Hwy 68/Vimont St/HWY 68/HWY 1879 - NE/NW/SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/15/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 0.4%

Non-Company- 0.0%

Other/Unknown- 11.9%

Overload- 0.1%

Planned Work- 52.8%

Trees- 33.8%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 88.81

10.) **2024 SAIDI** 236.90

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.15

12.) **2024 SAIFI** 2.56

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

Continue to Monitor

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

8.) 2024 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)	32.52
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10.) 2024 SAIDI	51.85
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
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12.) 2024 SAIFI	0.29
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 235 Fowler Rd - Hanson
- 3.) **CIRCUIT NAME AND NUMBER** 0810
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - Hanson Rd & Hwy 1069 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 22.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 891
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.3%

Construction- 0.0%

Lightning- 43.2%

Non-Company- 2.9%

Other/Unknown- 6.0%

Overload- 0.0%

Planned Work- 11.0%

Trees- 12.1%

Utility Equipment- 20.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.88

10.) **2024 SAIDI** 65.63

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.92

12.) **2024 SAIFI** 1.73

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HANSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 235 Fowler Rd - Hanson
- 3.) **CIRCUIT NAME AND NUMBER** 0811
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hanson - US HWY 41 & City of Hanson - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 624
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.8%

Construction- 0.0%

Lightning- 1.3%

Non-Company- 0.0%

Other/Unknown- 47.6%

Overload- 0.0%

Planned Work- 46.8%

Trees- 2.5%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.77

10.) **2024 SAIDI** 75.43

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77

12.) **2024 SAIFI** 0.88

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)** 18.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 368
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/04/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.9%

Construction- 0.0%

Lightning- 1.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 97.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.42

10.) **2024 SAIDI** 59.40

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 1.11

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** 306
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/16/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 4.1%

Planned Work- 0.2%

Trees- 95.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.56

10.) **2024 SAIDI** 72.10

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24

12.) **2024 SAIFI** 0.62

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)** 22.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 366
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 25.0%

Non-Company- 0.4%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 69.9%

Trees- 0.0%

Utility Equipment- 4.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 54.55

10.) **2024 SAIDI** 110.47

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.77

12.) **2024 SAIFI** 1.06

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WHITE PLAINS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 336 NW Railroad - White Plains
3.) CIRCUIT NAME AND NUMBER	0837
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	White Plains - City of White Plains, HWY 813, White Plains Rd - W/SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	41.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	493
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/22/2022

8.) 2024 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-	99.0%
Trees-	0.1%
Utility Equipment-	0.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	66.74
10.) 2024 SAIDI	63.39
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.08
12.) 2024 SAIFI	1.26

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	WHITE PLAINS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 336 NW Railroad - White Plains
3.) CIRCUIT NAME AND NUMBER	0839
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	White Plains - US 62, Main St/Hwy 813, & Concord Church Rd - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	22.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	351
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/09/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.1%
Non-Company-	0.0%
Other/Unknown-	56.6%
Overload-	0.0%
Planned Work-	43.0%
Trees-	0.2%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	74.21
10.) 2024 SAIDI	81.64
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.08
12.) 2024 SAIFI	0.91
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** 0843
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Ashbyburg - Highbanks Ferry Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 81
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023
- 8.) **2024 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)** 19.56

10.) **2024 SAIDI** 27.43

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16

12.) **2024 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SYLVANIA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Clark - 439 E Washington St - Winchester
- 3.) **CIRCUIT NAME AND NUMBER** 0847
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Winchester - E Washington, E Broadway St, Hickman St - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,508
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.7%

Construction- 0.0%

Lightning- 74.9%

Non-Company- 0.0%

Other/Unknown- 0.3%

Overload- 0.0%

Planned Work- 11.6%

Trees- 10.9%

Utility Equipment- 1.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.99

10.) **2024 SAIDI** 26.59

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.32

12.) **2024 SAIFI** 0.39

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CYNTHIANA
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Harrison - 208 McIlvain Blvd - Cynthiana
3.) CIRCUIT NAME AND NUMBER	0851
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Cynthiana - S Walnut St, Oddvill Rd - NNE of Subst.
5.) TOTAL CIRCUIT LENGTH (MILES)	3.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	456
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/13/2020

8.) 2024 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-	91.1%
Trees-	6.6%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	1.04
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10.) 2024 SAIDI	1.76
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.01
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12.) 2024 SAIFI	0.03
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 208 McIlvain Blvd - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0853
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana/Berry - River Rd, Poplar St, US 27, City of Berry - N of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 76.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 922
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.2%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.1%

Overload- 0.0%

Planned Work- 52.4%

Trees- 42.4%

Utility Equipment- 2.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.66

10.) **2024 SAIDI** 62.58

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

12.) **2024 SAIFI** 0.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 208 McIlvain Blvd - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0854
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana - Water Works Ave, Ney Lair Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 38
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/13/2020
- 8.) **2024 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)** 22.02

10.) **2024 SAIDI** 50.54

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2024 SAIFI** 0.53

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CYNTHIANA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harrison - 208 McIlvain Blvd - Cynthiana
- 3.) **CIRCUIT NAME AND NUMBER** 0855
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Cynthiana - City of Cynthiana (Eastern) - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,316
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.2%

Construction- 0.0%

Lightning- 17.6%

Non-Company- 0.6%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 3.8%

Trees- 3.9%

Utility Equipment- 71.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.77

10.) **2024 SAIDI** 72.63

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 0.61

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

Reliability Improvements Completed in 2024

- 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)** 13.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 448
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/21/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 30.2%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 53.3%

Trees- 13.2%

Utility Equipment- 3.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 6.32

10.) **2024 SAIDI** 6.61

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

12.) **2024 SAIFI** 0.12

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

Continue to Monitor

1.) **SUBSTATION NAME AND NUMBER** ASHLAND PIPE

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 900 Forest Lake Dr - Lexington

3.) **CIRCUIT NAME AND NUMBER** 0862

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - No Road - NE of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0

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

7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Required

8.) **2024 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)** 210.70

10.) **2024 SAIDI** 497.03

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HICKMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3172 Ashgrove Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0864
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Lauderdale Dr, Whitfield Dr, Ridgewater Dr - NW of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,196
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 84.3%

Overload- 0.0%

Planned Work- 15.2%

Trees- 0.1%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.57

10.) **2024 SAIDI** 38.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.14

12.) **2024 SAIFI** 0.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HICKMAN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3172 Ashgrove Rd - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0865
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Saron Dr, Tates Creek Rd, Kenesaw Dr - NE of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,296
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 58.0%

Overload- 0.0%

Planned Work- 40.6%

Trees- 0.4%

Utility Equipment- 1.1%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 46.47
- 10.) **2024 SAIDI** 94.68
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79
- 12.) **2024 SAIFI** 0.36
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MACKVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Washington - 4685 Texas Rd - Springfield
- 3.) **CIRCUIT NAME AND NUMBER** 0866
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Springfield - Texas Mackville Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 48
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/19/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 31.5%

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- 68.5%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 202.76
- 10.) **2024 SAIDI** 235.22
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.05
- 12.) **2024 SAIFI** 1.04
- 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)** 66.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,129
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/07/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 0.6%

Overload- 0.0%

Planned Work- 93.3%

Trees- 4.0%

Utility Equipment- 1.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 101.43
- 10.) **2024 SAIDI** 110.94
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.88
- 12.) **2024 SAIFI** 0.74
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BRYANT ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 3097 Helmsdale Pl. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 0873
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Bryant Rd & I75 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,076
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/03/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.8%

Construction- 0.0%

Lightning- 31.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 63.5%

Trees- 0.9%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 63.07

10.) **2024 SAIDI** 95.12

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63

12.) **2024 SAIFI** 0.63

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CARLISLE
- 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)** 45.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 695
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/31/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 3.3%

Overload- 0.0%

Planned Work- 3.3%

Trees- 9.3%

Utility Equipment- 83.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.97

10.) **2024 SAIDI** 94.03

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66

12.) **2024 SAIFI** 1.78

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CARLISLE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Nicholas - 104 S Elm St - Carlisle
3.) CIRCUIT NAME AND NUMBER	0879
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Carlisle - City of Carlisle, Hwy 36 - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	35.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,091
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/21/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	1.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	94.4%
Trees-	3.1%
Utility Equipment-	1.3%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	19.44
10.) 2024 SAIDI	15.80
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.24
12.) 2024 SAIFI	0.25

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DETROIT HARVESTER
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bourbon - 115 W 20th St - Paris
3.) CIRCUIT NAME AND NUMBER	0883
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Paris - Lexington Rd and Hutchison Rd - SW of Sub
5.) TOTAL CIRCUIT LENGTH (MILES)	16.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	746
7.) DATE OF LAST CIRCUIT TRIM (VM)	07/20/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	6.9%
Construction-	1.2%
Lightning-	0.0%
Non-Company-	0.4%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	77.5%
Trees-	6.4%
Utility Equipment-	7.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	66.44
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10.) 2024 SAIDI	97.34
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.63
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12.) 2024 SAIFI	0.84
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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)	1.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	169
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/07/2019

8.) 2024 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)	3.34
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10.) 2024 SAIDI	4.96
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
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12.) 2024 SAIFI	0.04
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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)** 4.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 166
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 77.8%

Overload- 0.0%

Planned Work- 14.8%

Trees- 5.1%

Utility Equipment- 2.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 99.98

10.) **2024 SAIDI** 112.76

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

12.) **2024 SAIFI** 1.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 210 Cox Alley - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0903
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - W 2nd St, W McDonald Pkwy - NW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 351
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 12.6%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 1.0%

Overload- 0.0%

Planned Work- 75.7%

Trees- 10.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.11
- 10.) **2024 SAIDI** 38.44
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.40
- 12.) **2024 SAIFI** 0.36
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BRYANT ROAD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 3097 Helmsdale Pl. - Lexington
3.) CIRCUIT NAME AND NUMBER	0904
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Bryant Rd - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	18.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,195
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 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-	4.8%
Trees-	1.8%
Utility Equipment-	92.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	21.06
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10.) 2024 SAIDI	39.24
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.19
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12.) 2024 SAIFI	0.11
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BRYANT ROAD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 3097 Helmsdale Pl. - Lexington
3.) CIRCUIT NAME AND NUMBER	0905
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Todds Rd - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	15.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,400
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/20/2022

8.) 2024 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-	0.5%
Trees-	0.4%
Utility Equipment-	99.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	15.32
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10.) 2024 SAIDI	21.52
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.09
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12.) 2024 SAIFI	0.09
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE MID
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 314 Lexington St - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0906
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - E Reynolds dr, Elizabeth St, Center St, Union St - E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 75
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019
- 8.) **2024 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- 14.8%

Trees- 85.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.40

10.) **2024 SAIDI** 5.86

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2024 SAIFI** 0.11

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

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	MAYSVILLE MID
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Mason - 314 Lexington St - Maysville
3.) CIRCUIT NAME AND NUMBER	0907
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Maysville - Buckley Pl, Hwy 11, Bank St - W & S of Subst.
5.) TOTAL CIRCUIT LENGTH (MILES)	6.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	222
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/12/2019

8.) 2024 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-	38.3%
Trees-	54.9%
Utility Equipment-	6.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	9.43
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10.) 2024 SAIDI	16.60
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
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12.) 2024 SAIFI	0.27
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Tree Trim Scheduled for 2025

- 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** 494
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/12/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 3.6%

Overload- 0.0%

Planned Work- 11.0%

Trees- 0.0%

Utility Equipment- 85.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.68

10.) **2024 SAIDI** 114.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.37

12.) **2024 SAIFI** 1.15

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MAYSVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 1107 Forest Ave - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 0913
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Bryant Ln, Hwy 10, Buckner St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 835
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 6.9%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 50.4%

Planned Work- 30.4%

Trees- 11.4%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.66

10.) **2024 SAIDI** 38.14

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2024 SAIFI** 0.44

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 129 Raines Ave. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 0918
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - State Hwy 273, Hope St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 36
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/08/2019
- 8.) **2024 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)** 9.13

10.) **2024 SAIDI** 15.67

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2024 SAIFI** 0.14

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)** 20.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 893
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 13.1%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 26.0%

Trees- 42.0%

Utility Equipment- 18.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.45

10.) **2024 SAIDI** 58.63

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.60

12.) **2024 SAIFI** 1.56

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** KENTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 801 Kenton Station Rd - Maysville
- 3.) **CIRCUIT NAME AND NUMBER** 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** 120
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 4.0%

Non-Company- 0.0%

Other/Unknown- 81.4%

Overload- 0.0%

Planned Work- 14.6%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 9.64

10.) **2024 SAIDI** 15.08

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

12.) **2024 SAIFI** 0.12

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)** 19.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 376
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 9.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 6.0%

Planned Work- 34.2%

Trees- 2.9%

Utility Equipment- 47.5%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.83
- 10.) **2024 SAIDI** 29.42
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.38
- 12.) **2024 SAIFI** 0.18
- 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** 0930
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - E Fourth St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2022
- 8.) **2024 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)** 100.42

10.) **2024 SAIDI** 401.67

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	AUGUSTA
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Bracken - 318 E 4th St. - Augusta
3.) CIRCUIT NAME AND NUMBER	0931
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Augusta - Hamilton Ave, E 2nd St - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	3.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	287
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/21/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	4.1%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.7%
Planned Work-	22.0%
Trees-	0.0%
Utility Equipment-	73.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	37.59
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10.) 2024 SAIDI	62.41
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.55
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12.) 2024 SAIFI	0.40
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHARON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Bracken - 3061 Asbury Rd - Augusta
- 3.) **CIRCUIT NAME AND NUMBER** 0935
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Augusta - Mt Zion Rd, City of Brooksville, Hwy 10&19 - NW&SW of Subst
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 78.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,210
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/19/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 0.6%

Non-Company- 6.6%

Other/Unknown- 28.6%

Overload- 0.0%

Planned Work- 59.6%

Trees- 3.2%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 76.58

10.) **2024 SAIDI** 189.15

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50

12.) **2024 SAIFI** 0.69

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	PARKERS MILL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Fayette - 2085 Parkers Mill Rd - Lexington
3.) CIRCUIT NAME AND NUMBER	0939
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lexington - Parkers Mill Rd - SW out of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	62.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,376
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/04/2023
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.1%
Construction-	7.4%
Lightning-	2.0%
Non-Company-	0.0%
Other/Unknown-	10.0%
Overload-	0.0%
Planned Work-	4.1%
Trees-	68.3%
Utility Equipment-	8.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	141.68
10.) 2024 SAIDI	155.43
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.97
12.) 2024 SAIFI	3.91
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)** 22.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 480
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.6%

Construction- 0.0%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 1.1%

Overload- 0.0%

Planned Work- 13.9%

Trees- 50.0%

Utility Equipment- 29.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 89.24
- 10.) **2024 SAIDI** 58.66
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.58
- 12.) **2024 SAIFI** 2.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SARDIS
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mason - 4000 Blue Lick Rd - Mays Lick
- 3.) **CIRCUIT NAME AND NUMBER** 0941
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mays Lick - Hwy 62 - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 46
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/30/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 30.5%

Overload- 0.0%

Planned Work- 0.0%

Trees- 69.5%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.70

10.) **2024 SAIDI** 5.77

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2024 SAIFI** 0.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FLEMINGSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fleming - 523 Fountain Ave - Flemingsburg
- 3.) **CIRCUIT NAME AND NUMBER** 0960
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Flemingsburg - City of Flemingsburg - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 963
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 80.5%

Overload- 0.0%

Planned Work- 0.8%

Trees- 10.6%

Utility Equipment- 7.1%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 26.77
- 10.) **2024 SAIDI** 34.74
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.26
- 12.) **2024 SAIFI** 0.17
- 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** 0965
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Maysville - Hwy 11 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 32.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 390
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/18/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.0%

Construction- 0.0%

Lightning- 1.3%

Non-Company- 0.0%

Other/Unknown- 24.3%

Overload- 0.0%

Planned Work- 65.9%

Trees- 6.9%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.24

10.) **2024 SAIDI** 40.42

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 0.37

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)** 28.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 537
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/14/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.2%

Construction- 0.0%

Lightning- 0.7%

Non-Company- 0.0%

Other/Unknown- 4.4%

Overload- 0.0%

Planned Work- 6.5%

Trees- 83.6%

Utility Equipment- 1.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 29.34

10.) **2024 SAIDI** 36.09

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

12.) **2024 SAIFI** 0.47

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	0968
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Mt Sterling - Owingsville Rd - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	1.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	16
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/14/2023

8.) 2024 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)	14.71
10.) 2024 SAIDI	11.51
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
12.) 2024 SAIFI	0.38

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EWINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Montgomery - 4006 Old Owingsville Rd - Mt Sterling
- 3.) **CIRCUIT NAME AND NUMBER** 0970
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt Sterling - Woodland Ln, Clarence Dr - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 6
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/14/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 100.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.00

10.) **2024 SAIDI** 10.64

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST HIGH STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 727 West High St - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 1105
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - West High St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground
- 8.) **2024 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)** 2.45
- 10.) **2024 SAIDI** 9.80
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25
- 12.) **2024 SAIFI** 1.00
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**
Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** VINE STREET
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Fayette - 112 E Vine St. - Lexington
- 3.) **CIRCUIT NAME AND NUMBER** 1201
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lexington - Water St, N MLK Blvd, E Short St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** Underground
- 8.) **2024 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)** 13.70

10.) **2024 SAIDI** 54.80

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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	1311
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Barlow - US Hwy 60 - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	25.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	682
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/10/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.4%
Lightning-	0.2%
Non-Company-	0.0%
Other/Unknown-	60.6%
Overload-	5.9%
Planned Work-	28.1%
Trees-	4.2%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	45.85
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10.) 2024 SAIDI	98.72
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
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12.) 2024 SAIFI	1.11
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	BARDWELL
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Carlisle - US Hwy 62 - Bardwell
3.) CIRCUIT NAME AND NUMBER	1313
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Bardwell - US Hwy 62 - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	6.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	27
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/13/2021

8.) 2024 OUTAGES BY CAUSE

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	318.59
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10.) 2024 SAIDI	577.10
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.23
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12.) 2024 SAIFI	1.15
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARDWELL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Carlisle - US Hwy 62 - Bardwell
- 3.) **CIRCUIT NAME AND NUMBER** 1315
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardwell - US Hwy 62 - W of Substation to Primary Meter
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 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)** 8.80

10.) **2024 SAIDI** 35.20

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLINTON 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hickman - 318 Moss Drive - Clinton
- 3.) **CIRCUIT NAME AND NUMBER** 1316
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Clinton - City of Clinton, Hwy 58,
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 661
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.3%

Construction- 0.0%

Lightning- 2.6%

Non-Company- 10.5%

Other/Unknown- 37.9%

Overload- 0.0%

Planned Work- 40.3%

Trees- 5.4%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 305.09

10.) **2024 SAIDI** 393.98

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.97

12.) **2024 SAIFI** 3.62

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 501 HWY 189 Bypass - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1327
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - HWY 601, S R 181, & Luzerne Depoy Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 44.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 804
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 19.7%

Overload- 0.0%

Planned Work- 76.6%

Trees- 2.6%

Utility Equipment- 1.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 79.92

10.) **2024 SAIDI** 127.96

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.64

12.) **2024 SAIFI** 0.32

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 501 HWY 189 Bypass - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1328
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - S R 176 & Paradise Rd/St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 43.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 987
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/11/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.6%

Overload- 0.0%

Planned Work- 90.8%

Trees- 8.2%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 32.40

10.) **2024 SAIDI** 55.46

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36

12.) **2024 SAIFI** 0.40

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

Reliability Improvements Scheduled for 2025

- 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)** 10.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 200
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 68.0%

Trees- 12.2%

Utility Equipment- 19.8%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.57
- 10.) **2024 SAIDI** 7.82
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11
- 12.) **2024 SAIFI** 0.09
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DIXON
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Webster - 818 S R 1340 - Dixon
3.) CIRCUIT NAME AND NUMBER	1427
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Dixon - City of Dixon, Clay-Dixon Rd - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	13.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	462
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/28/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	7.8%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	3.6%
Other/Unknown-	3.6%
Overload-	0.0%
Planned Work-	81.4%
Trees-	2.9%
Utility Equipment-	0.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.78
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10.) 2024 SAIDI	38.12
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	0.72
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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** 1428
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - Hwy 266, Hwy 136 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 218
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/05/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 59.0%

Construction- 0.0%

Lightning- 12.8%

Non-Company- 0.0%

Other/Unknown- 10.1%

Overload- 0.0%

Planned Work- 0.0%

Trees- 13.0%

Utility Equipment- 5.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.98

10.) **2024 SAIDI** 12.03

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

12.) **2024 SAIFI** 0.11

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CORYDON
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Henderson - 5430 Greenlick Rd - Corydon
3.) CIRCUIT NAME AND NUMBER	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	56
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/05/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	5.9%
Construction-	0.0%
Lightning-	19.2%
Non-Company-	0.0%
Other/Unknown-	2.7%
Overload-	0.0%
Planned Work-	67.1%
Trees-	5.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	60.28
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10.) 2024 SAIDI	68.07
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.46
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12.) 2024 SAIFI	0.36
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CORYDON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Henderson - 5430 Greenlick Rd - Corydon
- 3.) **CIRCUIT NAME AND NUMBER** 1431
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Corydon - City of Corydon - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 426
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 86.1%

Overload- 0.0%

Planned Work- 11.8%

Trees- 2.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.86
- 10.) **2024 SAIDI** 22.95
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.10
- 12.) **2024 SAIFI** 0.05
- 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	135
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/26/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	10.5%
Construction-	0.0%
Lightning-	8.9%
Non-Company-	0.0%
Other/Unknown-	0.9%
Overload-	0.0%
Planned Work-	8.0%
Trees-	0.0%
Utility Equipment-	71.6%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.55
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10.) 2024 SAIDI	9.24
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
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12.) 2024 SAIFI	0.13
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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** 1467
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Henderson - HWY 351, Larue Rd, & Elm St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 117
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/29/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 83.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 5.6%

Overload- 0.0%

Planned Work- 2.7%

Trees- 8.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 80.87
- 10.) **2024 SAIDI** 79.01
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.06
- 12.) **2024 SAIFI** 1.40

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SEBREE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Webster - 199 N Railroad St - Sebree
- 3.) **CIRCUIT NAME AND NUMBER** 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)** 12.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 430
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/28/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 30.0%

Non-Company- 0.0%

Other/Unknown- 22.2%

Overload- 0.0%

Planned Work- 8.1%

Trees- 0.0%

Utility Equipment- 39.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.02

10.) **2024 SAIDI** 10.62

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.13

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	EARLINGTON
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 310-A McEuen - Madisonville
3.) CIRCUIT NAME AND NUMBER	1478
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Madisonville - Hwy 1337 - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	14.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	149
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/02/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	1.2%
Non-Company-	0.8%
Other/Unknown-	2.4%
Overload-	0.0%
Planned Work-	76.5%
Trees-	19.1%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	56.49
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10.) 2024 SAIDI	102.72
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.84
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12.) 2024 SAIFI	0.77
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** PERDUE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - S R 2110 - Island
- 3.) **CIRCUIT NAME AND NUMBER** 1498
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Island - Old Island-Livermore Rd & Hwy 138 - NE & NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 25
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/26/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.9%

Construction- 0.0%

Lightning- 2.5%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.9%

Utility Equipment- 94.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.83

10.) **2024 SAIDI** 133.95

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24

12.) **2024 SAIFI** 0.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EDDYVILLE PRISON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Lyon - 328 Water St - Eddyville
- 3.) **CIRCUIT NAME AND NUMBER** 1503
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Eddyville - HWY 93, HWY 1055, Perry Springs Rd, E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 966
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/14/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.7%

Overload- 0.0%

Planned Work- 89.7%

Trees- 4.0%

Utility Equipment- 3.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 92.01

10.) **2024 SAIDI** 160.26

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

12.) **2024 SAIFI** 1.15

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

Reliability Improvements Scheduled for 2025

- 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** 253
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 5.1%

Non-Company- 0.0%

Other/Unknown- 32.7%

Overload- 0.0%

Planned Work- 52.6%

Trees- 7.5%

Utility Equipment- 1.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.76

10.) **2024 SAIDI** 33.46

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.34

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)** 33.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 203
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 15.5%

Non-Company- 0.0%

Other/Unknown- 16.0%

Overload- 0.0%

Planned Work- 68.0%

Trees- 0.0%

Utility Equipment- 0.4%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 100.56
- 10.) **2024 SAIDI** 121.55
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.82
- 12.) **2024 SAIFI** 0.70
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	FREDONIA QUARRY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Caldwell - 181 Fredonia Quarry Rd - Fredonia
3.) CIRCUIT NAME AND NUMBER	1513
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Fredonia - Beck Rd & New Bethel Church Rd - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	72
7.) DATE OF LAST CIRCUIT TRIM (VM)	11/13/2021
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	87.1%
Overload-	0.0%
Planned Work-	12.6%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	78.48
10.) 2024 SAIDI	60.89
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.92
12.) 2024 SAIFI	1.25

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	CEDAR BLUFF
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Caldwell - 10195 Hopkinsville Rd - Princeton
3.) CIRCUIT NAME AND NUMBER	1514
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Princeton - Hopkinsville Rd - SSW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	6
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/06/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	13.9%
Other/Unknown-	86.1%
Overload-	0.0%
Planned Work-	0.0%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	82.79
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10.) 2024 SAIDI	226.94
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.58
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12.) 2024 SAIFI	1.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CEDAR BLUFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 10195 Hopkinsville Rd - Princeton
- 3.) **CIRCUIT NAME AND NUMBER** 1515
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Princeton - Hopkinsville Rd, Sandlick Rd, Hwy 91 - E/NW of Subs
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 82
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 56.8%

Non-Company- 0.0%

Other/Unknown- 10.4%

Overload- 4.4%

Planned Work- 15.3%

Trees- 0.0%

Utility Equipment- 13.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 109.91

10.) **2024 SAIDI** 373.24

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

12.) **2024 SAIFI** 2.13

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CLAXTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Caldwell - 1600 Jones-Keeney Rd - Princeton
- 3.) **CIRCUIT NAME AND NUMBER** 1518
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Princeton - Hwy 62, Lewistown Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 152
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/09/2023
- 8.) **2024 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- 98.4%

Trees- 0.0%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 66.58

10.) **2024 SAIDI** 214.69

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

12.) **2024 SAIFI** 1.07

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

Continue to Monitor

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	30
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/09/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	3.6%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	96.4%
Trees-	0.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	79.73
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10.) 2024 SAIDI	101.04
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.05
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12.) 2024 SAIFI	2.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	SUNSET
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 1515 Olney Rd - Dawson Springs
3.) CIRCUIT NAME AND NUMBER	1523
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Dawson Springs - Hwy 1220, Purdy Ln, & Walnut Grove Rd - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	2.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	28
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/31/2022
8.) 2024 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)	73.92
10.)	2024 SAIDI	192.07
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
12.)	2024 SAIFI	2.18
13.)	LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	
	Continue to Monitor	

- 1.) **SUBSTATION NAME AND NUMBER** DAWSON SPRINGS 4KV
- 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** 151
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 72.3%

Overload- 0.0%

Planned Work- 27.7%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.80

10.) **2024 SAIDI** 9.62

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

12.) **2024 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 4KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 205 Munn St - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1526
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - E Walnut St, E Keigan St E Ramsey St - NE of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 738
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/01/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.6%

Overload- 0.0%

Planned Work- 94.9%

Trees- 0.0%

Utility Equipment- 4.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.55

10.) **2024 SAIDI** 103.86

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

12.) **2024 SAIFI** 2.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DAWSON SPRINGS 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 203 Parker St - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1529
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Mill Dam Rd, Mt Hebron Rd, Hwy 672 - W & SW
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 36.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 610
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 54.3%

Non-Company- 0.0%

Other/Unknown- 10.9%

Overload- 3.8%

Planned Work- 21.9%

Trees- 8.0%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 52.51

10.) **2024 SAIDI** 110.02

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.67

12.) **2024 SAIFI** 1.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIXTH VEIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 2395 Sixth Vein Rd - Dawson Springs
- 3.) **CIRCUIT NAME AND NUMBER** 1541
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dawson Springs - Charleston Rd, Hwy 70, Campbell Rd, & High Glory Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 40.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 467
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/25/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.3%

Overload- 0.0%

Planned Work- 83.4%

Trees- 0.1%

Utility Equipment- 12.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 159.84

10.) **2024 SAIDI** 385.73

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.55

12.) **2024 SAIFI** 2.87

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ST CHARLES KU
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hopkins - 660 St. Charles Rd - St. Charles
3.) CIRCUIT NAME AND NUMBER	1553
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	St. Charles - City of St. Charles & Mc Gregor Rd - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	12.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	219
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/14/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	8.3%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	14.9%
Overload-	0.0%
Planned Work-	52.8%
Trees-	4.6%
Utility Equipment-	19.4%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	38.52
10.) 2024 SAIDI	50.02
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.74
12.) 2024 SAIFI	0.59
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ST CHARLES KU
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 660 St. Charles Rd - St. Charles
- 3.) **CIRCUIT NAME AND NUMBER** 1554
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** St. Charles - Ilsley Rd, Union Temple Rd, & Hwy 112 - SW/NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 68.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 625
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/04/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 13.6%

Overload- 0.0%

Planned Work- 85.0%

Trees- 0.5%

Utility Equipment- 1.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 145.33

10.) **2024 SAIDI** 154.36

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.79

12.) **2024 SAIFI** 1.02

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GRAHAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 5230 S R 175 S - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1602
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Ford Ln, US HWY 62 McNary Rd - SW & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 33.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 467
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/03/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 43.7%

Overload- 0.0%

Planned Work- 54.1%

Trees- 1.5%

Utility Equipment- 0.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.04

10.) **2024 SAIDI** 91.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66

12.) **2024 SAIFI** 1.39

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GRAHAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 5230 S R 175 S - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1603
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - S R 175, Landfill Rd, & S R 70 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 276
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/20/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 11.3%

Other/Unknown- 42.6%

Overload- 0.0%

Planned Work- 12.1%

Trees- 32.2%

Utility Equipment- 1.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 111.85

10.) **2024 SAIDI** 152.09

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89

12.) **2024 SAIFI** 1.18

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** 1607
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Calhoun - State Hwy 81, W 2nd St, Walnut St - NE & S of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 355
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/21/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.5%

Overload- 0.0%

Planned Work- 16.8%

Trees- 78.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.51

10.) **2024 SAIDI** 8.57

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.08

12.) **2024 SAIFI** 0.12

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)** 92.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,759
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 7.7%

Non-Company- 0.0%

Other/Unknown- 3.1%

Overload- 0.0%

Planned Work- 14.6%

Trees- 13.5%

Utility Equipment- 60.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 65.58

10.) **2024 SAIDI** 112.85

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

12.) **2024 SAIFI** 1.45

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** 1612
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bremen - S R 181, HWY 70, & New Harmony Rd- S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 44.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 803
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 1.0%

Non-Company- 0.1%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 94.6%

Trees- 3.4%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 62.85

10.) **2024 SAIDI** 136.37

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.80

12.) **2024 SAIFI** 1.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 200 N Boggess Ave - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1615
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Hwy 181, 62, 171, SR 189, & Bards Hill Rd - W&S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 85.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,862
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 3.2%

Non-Company- 0.1%

Other/Unknown- 11.2%

Overload- 0.0%

Planned Work- 76.8%

Trees- 0.8%

Utility Equipment- 7.8%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 73.34
- 10.) **2024 SAIDI** 188.34
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.55
- 12.) **2024 SAIFI** 0.52
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENVILLE WEST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - S Walton St - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1618
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Campbell St, Main St, & Chatham Ln - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 288
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/08/2021
- 8.) **2024 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- 99.8%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 64.41

10.) **2024 SAIDI** 226.84

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.34

12.) **2024 SAIFI** 1.01

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** 1622
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - W Depot St, N Cherry St, & Short St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 415
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.9%

Overload- 0.0%

Planned Work- 81.8%

Trees- 12.3%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.16

10.) **2024 SAIDI** 9.31

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.30

12.) **2024 SAIFI** 1.05

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)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 154
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/30/2021
- 8.) **2024 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)** 39.50

10.) **2024 SAIDI** 58.50

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

12.) **2024 SAIFI** 1.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** POWDERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - Opportunity Way - Greenville
- 3.) **CIRCUIT NAME AND NUMBER** 1625
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greenville - Opportunity Way & N Main St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 34
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/22/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.2%

Planned Work- 92.1%

Trees- 0.1%

Utility Equipment- 6.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.86

10.) **2024 SAIDI** 84.25

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.64

12.) **2024 SAIFI** 2.38

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LIVERMORE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 190 Main St - Livermore
- 3.) **CIRCUIT NAME AND NUMBER** 1642
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Livermore - Hill St, Hwy 431, & Comy Dock Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 347
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/20/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.6%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 0.3%

Overload- 0.0%

Planned Work- 48.6%

Trees- 0.8%

Utility Equipment- 49.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 126.01

10.) **2024 SAIDI** 442.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85

12.) **2024 SAIFI** 1.71

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** 422
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 0.2%

Overload- 0.0%

Planned Work- 90.6%

Trees- 0.1%

Utility Equipment- 8.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 133.13

10.) **2024 SAIDI** 485.29

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.89

12.) **2024 SAIFI** 2.31

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1649
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Everly Borthers Blvd, S Stroud Ln - SW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 312
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.4%

Construction- 0.0%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 68.6%

Trees- 0.2%

Utility Equipment- 28.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 50.04

10.) **2024 SAIDI** 157.49

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45

12.) **2024 SAIFI** 1.22

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1650
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - Everly Borthers Blvd, S R 604, US 431 - E of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 792
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.4%

Construction- 0.0%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 90.4%

Trees- 3.7%

Utility Equipment- 0.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.65
- 10.) **2024 SAIDI** 45.66
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.02
- 12.) **2024 SAIFI** 1.07

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** CENTRAL CITY SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 500 E Second Ave - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1651
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - W 2nd Ave, Center St, W Reservoir St - W of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 414
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 7.5%

Non-Company- 0.0%

Other/Unknown- 75.4%

Overload- 0.0%

Planned Work- 6.6%

Trees- 8.5%

Utility Equipment- 1.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 55.43

10.) **2024 SAIDI** 87.20

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

12.) **2024 SAIFI** 1.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEVIER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 2665 S Route 2107 - Bevier
- 3.) **CIRCUIT NAME AND NUMBER** 1666
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bevier - Robertson St, Main St, Holts Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 183
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.3%

Overload- 0.0%

Planned Work- 97.3%

Trees- 0.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 116.06

10.) **2024 SAIDI** 390.85

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.83

12.) **2024 SAIFI** 1.54

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEECH CREEK
- 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)** 21.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/01/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 22.4%

Overload- 0.0%

Planned Work- 77.2%

Trees- 0.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 228.49

10.) **2024 SAIDI** 270.52

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.28

12.) **2024 SAIFI** 1.62

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)** 20.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 303
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/01/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 2.7%

Non-Company- 0.0%

Other/Unknown- 1.8%

Overload- 0.0%

Planned Work- 88.5%

Trees- 6.9%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 75.08

10.) **2024 SAIDI** 155.27

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

12.) **2024 SAIFI** 1.26

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DRAKESBORO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 201 S Mine St - Drakesboro
- 3.) **CIRCUIT NAME AND NUMBER** 1674
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Drakesboro - Broad St, SR 2107, & Big Springs Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 382
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 5.1%

Non-Company- 0.0%

Other/Unknown- 15.7%

Overload- 0.0%

Planned Work- 79.2%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 67.17

10.) **2024 SAIDI** 191.69

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.84

12.) **2024 SAIFI** 2.34

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)	2.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	16
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/04/2017
8.) 2024 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)	12.77
10.) 2024 SAIDI	19.03
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
12.) 2024 SAIFI	0.19
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NELSON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Muhlenberg - 2030 S R 1379 - Central City
- 3.) **CIRCUIT NAME AND NUMBER** 1690
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Central City - S R 1379, US 62, & SR 2590 - NW/S/SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 30.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 319
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/26/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 99.0%

Trees- 1.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 171.47

10.) **2024 SAIDI** 462.57

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.82

12.) **2024 SAIFI** 0.91

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.) **2024 OUTAGES BY CAUSE**

Animal- 1.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 1.5%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 2.5%

Trees- 71.4%

Utility Equipment- 23.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 145.32
- 10.) **2024 SAIDI** 160.90
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.45
- 12.) **2024 SAIFI** 0.45
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SALEM 12KV
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Livingston - 266 W Main St - Salem
- 3.) **CIRCUIT NAME AND NUMBER** 1703
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Salem - Hwy 60, College St, & Levias Rd - ENE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 19.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 395
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/06/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 13.1%

Construction- 0.0%

Lightning- 2.6%

Non-Company- 0.0%

Other/Unknown- 1.8%

Overload- 0.0%

Planned Work- 44.4%

Trees- 13.6%

Utility Equipment- 24.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.80
- 10.) **2024 SAIDI** 10.93
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.17
- 12.) **2024 SAIFI** 0.18

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DYCUSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Crittenden - 9315 S R 70 - Dycusburg
- 3.) **CIRCUIT NAME AND NUMBER** 1707
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Dycusburg - City of Dycusburg, S R 70 - N & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 89
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 13.7%

Construction- 0.0%

Lightning- 5.2%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 68.7%

Trees- 12.3%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.55

10.) **2024 SAIDI** 20.15

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.19

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SUNOCO
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 2823 S R 130 S - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1731
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 130 & Adamson Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 182
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/18/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 17.5%

Non-Company- 0.0%

Other/Unknown- 74.1%

Overload- 0.0%

Planned Work- 3.5%

Trees- 2.2%

Utility Equipment- 2.1%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 140.16
- 10.) **2024 SAIDI** 79.12
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.85
- 12.) **2024 SAIFI** 1.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNIONTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 5668 S R 130 N - Uniontown
- 3.) **CIRCUIT NAME AND NUMBER** 1742
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Uniontown - City of Uniontown, S R 130, & KY 268 - NW & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 619
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/15/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 13.0%

Construction- 0.0%

Lightning- 21.4%

Non-Company- 0.0%

Other/Unknown- 8.4%

Overload- 0.0%

Planned Work- 25.9%

Trees- 31.1%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.01

10.) **2024 SAIDI** 56.69

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.53

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MORGANFIELD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 305 Rhea St - Morganfield
- 3.) **CIRCUIT NAME AND NUMBER** 1750
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Morganfield - S R 947, N Chapman St, & Hedge Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 290
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 1.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 42.6%

Trees- 5.9%

Utility Equipment- 50.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.59

10.) **2024 SAIDI** 27.05

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2024 SAIFI** 1.17

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	MORGANFIELD	
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Union - 305 Rhea St - Morganfield	
3.) CIRCUIT NAME AND NUMBER	1751	
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Morganfield - Hwy 60, Jim Veatch Rd, & Townsend St - SW of Substation	
5.) TOTAL CIRCUIT LENGTH (MILES)	9.5	
6.) CUSTOMER COUNT FOR THIS CIRCUIT	447	
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024	
8.) 2024 OUTAGES BY CAUSE		
	Animal- 2.0%	
	Construction- 0.0%	
	Lightning- 0.0%	
	Non-Company- 0.0%	
	Other/Unknown- 0.0%	
	Overload- 8.8%	
	Planned Work- 74.1%	
	Trees- 11.3%	
	Utility Equipment- 3.9%	
	Vehicle- 0.0%	
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		8.78
10.) 2024 SAIDI		7.33
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.08
12.) 2024 SAIFI		0.14
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)** 19.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 258
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/20/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.7%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.2%

Overload- 0.0%

Planned Work- 93.1%

Trees- 0.0%

Utility Equipment- 3.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 44.71
- 10.) **2024 SAIDI** 58.03
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.39
- 12.) **2024 SAIFI** 0.31
- 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	1762
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Morganfield - US HWY 60, Blessed Martin Rd, & King Mill Rd - NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	22.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	230
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/18/2020
8.) 2024 OUTAGES BY CAUSE	

Animal-	8.0%
Construction-	20.9%
Lightning-	7.5%
Non-Company-	0.0%
Other/Unknown-	6.2%
Overload-	0.0%
Planned Work-	0.7%
Trees-	56.7%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	50.69
10.) 2024 SAIDI	27.80
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.98
12.) 2024 SAIFI	1.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WAVERLY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Union - 178 Blessed Martin Rd - Waverly
- 3.) **CIRCUIT NAME AND NUMBER** 1764
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Waverly - E Main St, S Maple St, & E Market St - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 164
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/06/2024
- 8.) **2024 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- 24.9%

Trees- 75.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.17

10.) **2024 SAIDI** 293.74

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.53

12.) **2024 SAIFI** 1.81

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** MANNINGTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Christian - 2535 Mannington Loop - Mannington
- 3.) **CIRCUIT NAME AND NUMBER** 1802
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mannington - HWY 407, Daniel Boone Rd, & Possum Pocket Rd- NW & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 151
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/29/2023
- 8.) **2024 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- 9.5%

Trees- 2.4%

Utility Equipment- 86.9%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 377.93
- 10.) **2024 SAIDI** 172.24
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.80
- 12.) **2024 SAIFI** 2.06

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BORG-WARNER
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hopkins - 1000 Island Ford Rd - Madisonville
- 3.) **CIRCUIT NAME AND NUMBER** 1807
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Madisonville - Whittington Dr/St Malo Dr/Pin Oak St - NW of Subst.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 503
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/27/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 27.8%

Construction- 3.0%

Lightning- 8.3%

Non-Company- 0.0%

Other/Unknown- 1.0%

Overload- 0.0%

Planned Work- 6.1%

Trees- 0.4%

Utility Equipment- 53.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.70

10.) **2024 SAIDI** 24.07

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

12.) **2024 SAIFI** 0.41

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	1912
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Hartford - HWY 69, Frederica St, & Mulberry Ct- NE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	506
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/09/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	5.6%
Construction-	0.0%
Lightning-	13.2%
Non-Company-	0.0%
Other/Unknown-	11.1%
Overload-	0.0%
Planned Work-	9.7%
Trees-	60.5%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	26.16
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10.) 2024 SAIDI	40.57
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.26
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12.) 2024 SAIFI	0.37
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARTFORD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 425 Walnut St - Hartford
- 3.) **CIRCUIT NAME AND NUMBER** 1913
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hartford - US HWY 231, Washington St, Union St- N & NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 578
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 20.5%

Construction- 0.0%

Lightning- 7.8%

Non-Company- 0.0%

Other/Unknown- 4.0%

Overload- 0.8%

Planned Work- 9.2%

Trees- 57.0%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.63

10.) **2024 SAIDI** 97.67

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

12.) **2024 SAIFI** 1.09

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** BEAVER DAM
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Ohio - 310 Ridgecrest Dr. - Beaver Dam
- 3.) **CIRCUIT NAME AND NUMBER** 1914
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Beaver Dam - Ridge Crest Rd & US Hwy 62 - City of Beaver Dam
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 537
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/25/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.5%

Overload- 0.4%

Planned Work- 18.6%

Trees- 68.5%

Utility Equipment- 8.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.31

10.) **2024 SAIDI** 69.08

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50

12.) **2024 SAIFI** 0.80

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** ATOKA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 20 Parksville Cross Pike - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2100
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Parksville Cross Pike & Lebanon Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 15.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 284
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 13.3%

Construction- 0.0%

Lightning- 39.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 6.7%

Trees- 35.3%

Utility Equipment- 5.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.58

10.) **2024 SAIDI** 23.06

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16

12.) **2024 SAIFI** 0.26

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)	30.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	603
7.) DATE OF LAST CIRCUIT TRIM (VM)	10/10/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	3.8%
Construction-	0.0%
Lightning-	16.4%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	23.3%
Trees-	56.1%
Utility Equipment-	0.3%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	17.10
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10.) 2024 SAIDI	23.52
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.21
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12.) 2024 SAIFI	0.30
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ATOKA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 20 Parksville Cross Pike - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2102
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville – Parksville Cross Pike & Lebanon Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 214
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 4.7%

Non-Company- 0.0%

Other/Unknown- 21.5%

Overload- 0.0%

Planned Work- 58.3%

Trees- 15.0%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.51

10.) **2024 SAIDI** 140.24

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63

12.) **2024 SAIFI** 1.12

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)** 35.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 643
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/04/2022
- 8.) **2024 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- 77.9%

Trees- 12.9%

Utility Equipment- 8.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 58.64

10.) **2024 SAIDI** 179.00

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.57

12.) **2024 SAIFI** 1.74

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BUENA VISTA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 164 High Bridge Rd. - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2105
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Rock Quarry Rd, Lexington Rd, & US 27 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 354
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/15/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 20.2%

Overload- 0.0%

Planned Work- 72.1%

Trees- 7.1%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 168.87

10.) **2024 SAIDI** 400.17

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.19

12.) **2024 SAIFI** 1.37

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)** 30.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,209
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 1.2%

Non-Company- 0.0%

Other/Unknown- 1.8%

Overload- 0.0%

Planned Work- 43.9%

Trees- 48.7%

Utility Equipment- 4.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 190.09

10.) **2024 SAIDI** 452.38

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.15

12.) **2024 SAIFI** 1.88

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

Continue to Monitor

- 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** 2107
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Crab Orchard - City of Crab Orchard - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 10.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 499
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/08/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 54.6%

Construction- 0.0%

Lightning- 1.2%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 23.4%

Trees- 20.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.20

10.) **2024 SAIDI** 32.85

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15

12.) **2024 SAIFI** 0.27

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

Continue to Monitor

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)	9.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	131
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/08/2018

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.0%
Lightning-	0.4%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	67.9%
Trees-	31.2%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	52.58
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10.) 2024 SAIDI	196.70
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.29
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12.) 2024 SAIFI	1.02
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 3
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 950 Vickers Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2109
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Lancaster Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 61.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,387
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/14/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.4%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.7%

Other/Unknown- 6.7%

Overload- 0.0%

Planned Work- 14.0%

Trees- 59.3%

Utility Equipment- 13.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.05

10.) **2024 SAIDI** 37.65

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 0.91

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE CENTRAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 494 S 4TH ST - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2110
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - S 3rd St, MLK Blvd, & E Walnut St - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 142
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/17/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 45.3%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.0%

Utility Equipment- 54.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 2.02

10.) **2024 SAIDI** 4.60

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.03

12.) **2024 SAIFI** 0.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2111
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - E Walnut St, Alta Ave, & E Main St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 349
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/16/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 98.3%

Trees- 0.0%

Utility Equipment- 1.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 5.48

10.) **2024 SAIDI** 6.77

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2024 SAIFI** 0.08

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	DANVILLE EAST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Boyle - 805 East Dr - Danville
3.) CIRCUIT NAME AND NUMBER	2114
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Danville - Hill N Dale St, Lexington St, Shakertown Rd, & 4th St - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	31.6
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,843
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.6%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	75.4%
Trees-	23.6%
Utility Equipment-	0.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	22.38
10.) 2024 SAIDI	26.64
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.23
12.) 2024 SAIFI	0.16
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Reliability Improvements Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 805 East Dr - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2115
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Stanford Rd, Baughman Ave, & Danville Bypass - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 732
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/17/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.7%

Non-Company- 0.0%

Other/Unknown- 2.8%

Overload- 0.0%

Planned Work- 20.2%

Trees- 75.8%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.53
- 10.) **2024 SAIDI** 24.43
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.61
- 12.) **2024 SAIFI** 0.36
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 514 N Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2123
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Harrodsburg Rd, Maple Ave, Lexington Ave, & Springhill Rd - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,212
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/26/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 1.0%

Non-Company- 0.0%

Other/Unknown- 16.8%

Overload- 0.0%

Planned Work- 57.0%

Trees- 24.5%

Utility Equipment- 0.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.95

10.) **2024 SAIDI** 113.35

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59

12.) **2024 SAIFI** 0.82

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANVILLE NORTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Boyle - 514 N Danville Bypass - Danville
- 3.) **CIRCUIT NAME AND NUMBER** 2124
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Danville - Whirlaway Dr, War Admiral Dr, & Bluegrass Pike - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 425
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 3.8%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 95.7%

Trees- 0.5%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.37

10.) **2024 SAIDI** 35.20

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24

12.) **2024 SAIFI** 0.44

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG EAST
- 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** 421
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/06/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 2.2%

Overload- 0.0%

Planned Work- 89.8%

Trees- 8.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.94

10.) **2024 SAIDI** 15.52

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

12.) **2024 SAIFI** 0.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 709 E Office St - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2130
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Beaumont Ave, S College St, & Perryville St - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,106
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/11/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.2%

Construction- 0.0%

Lightning- 17.4%

Non-Company- 0.1%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 42.1%

Trees- 29.3%

Utility Equipment- 9.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.53

10.) **2024 SAIDI** 51.31

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.67

12.) **2024 SAIFI** 0.84

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HARRODSBURG EAST
- 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)** 43.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 850
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 16.5%

Overload- 0.0%

Planned Work- 58.3%

Trees- 23.2%

Utility Equipment- 0.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 42.74

10.) **2024 SAIDI** 81.95

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66

12.) **2024 SAIFI** 1.18

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)** 34.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 637
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/10/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.3%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 0.0%

Other/Unknown- 34.1%

Overload- 0.0%

Planned Work- 16.8%

Trees- 46.2%

Utility Equipment- 1.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.63

10.) **2024 SAIDI** 23.73

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

12.) **2024 SAIFI** 0.27

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** 2144
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Hysinger Hollow Rd, W Main St, Williams St, Richmond St - ENE of Sub
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 79
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/08/2020
- 8.) **2024 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)** 9.74

10.) **2024 SAIDI** 22.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16

12.) **2024 SAIFI** 0.39

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** 2145
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - W Main St & N Hwy 461 - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 255
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/08/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 51.2%

Construction- 0.0%

Lightning- 19.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 21.7%

Trees- 7.5%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.14

10.) **2024 SAIDI** 21.90

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

12.) **2024 SAIFI** 0.26

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** 2146
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Poplar St, South City of Mt Vernon, & Mchargue Branch Rd - E of Sub
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 698
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.5%

Construction- 0.0%

Lightning- 0.7%

Non-Company- 0.0%

Other/Unknown- 1.9%

Overload- 0.0%

Planned Work- 84.1%

Trees- 8.4%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 60.23

10.) **2024 SAIDI** 70.51

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

12.) **2024 SAIFI** 0.51

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** 2148
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Mullins Station Rd, Skyline Rd, & Honeycomb Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 52
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/25/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 97.9%

Trees- 0.6%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 109.68
- 10.) **2024 SAIDI** 121.71
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.50
- 12.) **2024 SAIFI** 0.33
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHAKERTOWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 3499 Lexington Rd - Harrodsburg
- 3.) **CIRCUIT NAME AND NUMBER** 2152
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Harrodsburg - Lexington Rd & Sexton Rd - SW of the Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 71
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/09/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 6.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 11.1%

Planned Work- 0.3%

Trees- 40.3%

Utility Equipment- 41.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 138.49

10.) **2024 SAIDI** 383.17

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.98

12.) **2024 SAIFI** 2.30

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 200 Fairview St - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2154
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Big Hill Ave, Boggs Ln, & Richmond East - SE of the Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 961
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/22/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 6.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 9.0%

Trees- 81.0%

Utility Equipment- 3.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.33

10.) **2024 SAIDI** 25.74

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

12.) **2024 SAIFI** 0.30

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** WEST CLIFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Mercer - 815 Dix Dam Rd - Burgin
- 3.) **CIRCUIT NAME AND NUMBER** 2159
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Burgin - Dix Dam Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 4
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/09/2022
- 8.) **2024 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)** 41.15

10.) **2024 SAIDI** 123.97

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

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** MOUNT VERNON TAP
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Rockcastle - 56 Old Somerset Rd - Mt. Vernon
- 3.) **CIRCUIT NAME AND NUMBER** 2166
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Mt. Vernon - Richmond St and Williams St - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 848
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 7.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.6%

Other/Unknown- 27.6%

Overload- 0.0%

Planned Work- 55.4%

Trees- 1.1%

Utility Equipment- 7.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 24.40

10.) **2024 SAIDI** 25.06

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.30

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

Continue to Monitor

Animal-	0.4%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	10.8%
Planned Work-	23.9%
Trees-	17.5%
Utility Equipment-	47.4%
Vehicle-	0.0%

9.)	CIRCUIT 5 YEAR AVERAGE (SAIDI)	41.90
10.)	2024 SAIDI	35.65
11.)	CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.54
12.)	2024 SAIFI	0.62

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

Reliability Improvements Completed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** LANCASTER 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Garrard - 183 Industry Rd - Lancaster
- 3.) **CIRCUIT NAME AND NUMBER** 2176
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lancaster - Stanford Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 11.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 313
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 6.4%

Overload- 66.0%

Planned Work- 27.7%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 10.72

10.) **2024 SAIDI** 17.90

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.33

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 500 Cathedral Manor - Bardstown
- 3.) **CIRCUIT NAME AND NUMBER** 2201
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - New Haven Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 5
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/16/2023
- 8.) **2024 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)** 17.79

10.) **2024 SAIDI** 71.15

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BARTON
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 500 Cathedral Manor - Bardstown
- 3.) **CIRCUIT NAME AND NUMBER** 2202
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - New Haven Rd - W/N/S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 7
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 77.4%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 22.6%

Trees- 0.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 27.95

10.) **2024 SAIDI** 91.91

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

12.) **2024 SAIFI** 1.29

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)** 2.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 150
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/23/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 91.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 2.2%

Trees- 0.0%

Utility Equipment- 6.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.49

10.) **2024 SAIDI** 53.79

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42

12.) **2024 SAIFI** 0.89

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** GREENSBURG
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Green - 424 Old Hodgenville Rd - Greensburg
- 3.) **CIRCUIT NAME AND NUMBER** 2214
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Greensburg - Buckner Hill Rd, Hawthorne Rd, HWY 1464, & HWY 88 - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 214
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/23/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 99.3%

Trees- 0.6%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 154.59

10.) **2024 SAIDI** 296.54

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.07

12.) **2024 SAIFI** 2.02

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	LEBANON CITY
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Marion - 351 E Water St - Lebanon
3.) CIRCUIT NAME AND NUMBER	2215
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Lebanon - E Main St, Woodlawn Ave, Harrison Ave, & Highland Dr - S/SE/E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	6.4
6.) CUSTOMER COUNT FOR THIS CIRCUIT	342
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/21/2019
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	13.4%
Non-Company-	0.0%
Other/Unknown-	3.8%
Overload-	0.0%
Planned Work-	65.8%
Trees-	12.1%
Utility Equipment-	4.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.41
10.) 2024 SAIDI	8.83
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.07
12.) 2024 SAIFI	0.06
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN	

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON CITY
- 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)** 6.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 643
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 49.2%

Non-Company- 0.0%

Other/Unknown- 36.2%

Overload- 0.0%

Planned Work- 12.0%

Trees- 0.7%

Utility Equipment- 1.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.89

10.) **2024 SAIDI** 112.62

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2024 SAIFI** 0.54

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 351 E Water St - Lebanon
- 3.) **CIRCUIT NAME AND NUMBER** 2217
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Woodlawn Ave, Hood Ave, & Danville Hwy - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 258
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 7.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 92.1%

Overload- 0.0%

Planned Work- 0.0%

Trees- 0.9%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.14

10.) **2024 SAIDI** 73.80

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.28

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)** 5.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 163
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/07/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 18.9%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 62.0%

Trees- 15.9%

Utility Equipment- 3.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.69
- 10.) **2024 SAIDI** 22.22
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.21
- 12.) **2024 SAIFI** 0.20
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	RUSSELL SPRINGS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Russell - 1183 HWY 1870 - Russell Springs
3.) CIRCUIT NAME AND NUMBER	2222
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Russell Springs - Old Columbia Rd, KY 80, Lakeway Dr, & Maple St - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	20.1
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,027
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/26/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	0.6%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	26.1%
Other/Unknown-	46.8%
Overload-	0.0%
Planned Work-	6.7%
Trees-	18.5%
Utility Equipment-	1.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	14.60
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10.) 2024 SAIDI	32.81
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
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12.) 2024 SAIFI	0.36
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	RED HOUSE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Madison - 3858 Boonesboro Rd - Richmond
3.) CIRCUIT NAME AND NUMBER	2224
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Richmond - Hwy 627, Simpson Ln, Hwy 25, & Hwy 2328 - W & NW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	36.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	617
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/20/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.6%
Overload-	0.0%
Planned Work-	17.3%
Trees-	81.4%
Utility Equipment-	0.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	27.54
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10.) 2024 SAIDI	39.59
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
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12.) 2024 SAIFI	0.91
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	SPRINGFIELD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Washinton - 107 Commercial Ave - Springfield
3.) CIRCUIT NAME AND NUMBER	2227
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Springfield - Main St - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	5.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	629
7.) DATE OF LAST CIRCUIT TRIM (VM)	06/20/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	17.8%
Overload-	5.9%
Planned Work-	54.7%
Trees-	17.8%
Utility Equipment-	3.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.81
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10.) 2024 SAIDI	13.80
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.12
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12.) 2024 SAIFI	0.16
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNION UNDERWEAR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 101 Fruit Of The Loom Dr - Jamestown
- 3.) **CIRCUIT NAME AND NUMBER** 2228
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - City of Jamestown - SSE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 26.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 793
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.3%

Construction- 0.0%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 86.8%

Trees- 7.2%

Utility Equipment- 1.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 30.49

10.) **2024 SAIDI** 69.21

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

12.) **2024 SAIFI** 0.77

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNION UNDERWEAR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 101 Fruit Of The Loom Dr - Jamestown
- 3.) **CIRCUIT NAME AND NUMBER** 2229
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - N Main St & Progress Dr - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 16.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 556
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/14/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 9.2%

Construction- 0.0%

Lightning- 46.0%

Non-Company- 0.0%

Other/Unknown- 17.3%

Overload- 0.0%

Planned Work- 17.2%

Trees- 1.9%

Utility Equipment- 8.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 21.79

10.) **2024 SAIDI** 38.78

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

12.) **2024 SAIFI** 0.32

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** UNION UNDERWEAR
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Russell - 101 Fruit Of The Loom Dr - Jamestown
- 3.) **CIRCUIT NAME AND NUMBER** 2230
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Jamestown - Geneva Dr, Shawnee Ave, & Comanche Way - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 183
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2023
- 8.) **2024 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- 77.7%

Trees- 22.3%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 49.23

10.) **2024 SAIDI** 97.27

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.42

12.) **2024 SAIFI** 0.71

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WOODLAWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson – 285 Spencer Mattingly Ln. – Bardstown
- 3.) **CIRCUIT NAME AND NUMBER** 2231
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - Poplar Flat Rd, Ashleigh Way, Ed Piler Rd, & Old US 150 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 51.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,217
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/15/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 13.9%

Non-Company- 0.0%

Other/Unknown- 2.1%

Overload- 0.0%

Planned Work- 38.6%

Trees- 24.0%

Utility Equipment- 21.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.89

10.) **2024 SAIDI** 32.67

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

12.) **2024 SAIFI** 0.29

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WOODLAWN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson – 285 Spencer Mattingly Ln. – Bardstown
- 3.) **CIRCUIT NAME AND NUMBER** 2232
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bardstown - My Old KY Home St Park & Gilkey Run Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 6.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 135
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/13/2018
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.7%

Construction- 0.0%

Lightning- 1.1%

Non-Company- 0.0%

Other/Unknown- 90.8%

Overload- 0.0%

Planned Work- 5.3%

Trees- 1.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 218.50

10.) **2024 SAIDI** 222.20

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.78

12.) **2024 SAIFI** 1.87

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 541 Corporate Dr. - Lebanon
- 3.) **CIRCUIT NAME AND NUMBER** 2240
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Danville Hwy and Spalding Ave - W & E of Sub.
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 935
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/05/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.6%

Construction- 0.0%

Lightning- 8.7%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 2.1%

Trees- 49.4%

Utility Equipment- 38.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.45

10.) **2024 SAIDI** 37.89

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.36

12.) **2024 SAIFI** 0.85

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

Tree Trim Scheduled for 2025

1.) **SUBSTATION NAME AND NUMBER** LEBANON EAST

2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Marion - 541 Corporate Dr. - Lebanon

3.) **CIRCUIT NAME AND NUMBER** 2241

4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lebanon - Corporate Dr - SW of Substation

5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.2

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

7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/05/2019

8.) **2024 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)** 4.93

10.) **2024 SAIDI** 19.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BEATTYVILLE CITY
- 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** 230
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 60.0%

Overload- 0.0%

Planned Work- 38.0%

Trees- 2.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 153.38

10.) **2024 SAIDI** 462.10

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.74

12.) **2024 SAIFI** 2.11

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** IRVINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 83 River Dr - Irvine
- 3.) **CIRCUIT NAME AND NUMBER** 2304
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Irvine - City of Irvine/Ravenna & Cow Creek Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,115
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 2.3%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 13.2%

Trees- 81.4%

Utility Equipment- 0.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.51

10.) **2024 SAIDI** 19.90

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.14

12.) **2024 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** IRVINE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Estill - 83 River Dr - Irvine
- 3.) **CIRCUIT NAME AND NUMBER** 2305
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Irvine - Kirkland Ave - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 81
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.3%

Construction- 0.0%

Lightning- 3.6%

Non-Company- 0.0%

Other/Unknown- 3.3%

Overload- 0.0%

Planned Work- 67.9%

Trees- 20.0%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.21

10.) **2024 SAIDI** 32.27

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

12.) **2024 SAIFI** 0.28

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	2310
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Paint Lick - HWY 52, White Lick Rd, & Noe Rd - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	10.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	146
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/18/2020

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.0%
Lightning-	1.9%
Non-Company-	0.0%
Other/Unknown-	0.1%
Overload-	0.0%
Planned Work-	0.0%
Trees-	12.6%
Utility Equipment-	84.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	7.65
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10.) 2024 SAIDI	8.29
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.08
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12.) 2024 SAIFI	0.07
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RED HOUSE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 3858 Boonesboro Rd - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 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)** 01/23/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 73.6%

Trees- 16.8%

Utility Equipment- 6.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.36

10.) **2024 SAIDI** 38.89

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

12.) **2024 SAIFI** 1.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 200 Fairview St - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2313
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Four Mile Rd, Dr Robert R Martin Byp - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 28.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 3,240
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/22/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 3.9%

Non-Company- 0.0%

Other/Unknown- 24.9%

Overload- 32.9%

Planned Work- 5.5%

Trees- 17.4%

Utility Equipment- 15.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.92
- 10.) **2024 SAIDI** 8.55
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13
- 12.) **2024 SAIFI** 0.11
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	RICHMOND 3
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Madison - 950 Vickers Dr - Richmond
3.) CIRCUIT NAME AND NUMBER	2314
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Richmond - Lancaster Ave, Barnes Mill Rd, Water St, & Crabbe St - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	9.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,175
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024
8.) 2024 OUTAGES BY CAUSE	

Animal-	3.8%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	44.2%
Trees-	26.3%
Utility Equipment-	25.7%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.92
10.) 2024 SAIDI	22.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.27
12.) 2024 SAIFI	0.38

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND
- 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** 371
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 7.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.4%

Overload- 0.0%

Planned Work- 25.7%

Trees- 63.5%

Utility Equipment- 2.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 8.00

10.) **2024 SAIDI** 17.95

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

12.) **2024 SAIFI** 0.18

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2326
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Third St, New Richmond Byp, & Red House Rd - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 25.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,019
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/03/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 1.9%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 54.3%

Trees- 40.4%

Utility Equipment- 3.3%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 38.82
- 10.) **2024 SAIDI** 36.47
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.38
- 12.) **2024 SAIFI** 0.40
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** RICHMOND
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Madison - 315 Clay Dr - Richmond
- 3.) **CIRCUIT NAME AND NUMBER** 2328
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Richmond - Georgia St, N 2nd St, & Golfview Dr - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 733
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/03/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.3%

Construction- 0.0%

Lightning- 57.6%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 25.2%

Trees- 12.4%

Utility Equipment- 0.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.29
- 10.) **2024 SAIDI** 17.09
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.16
- 12.) **2024 SAIFI** 0.20

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ELIZABETHTOWN 3
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hardin - 100 Crucible Steel Rd - Elizabethtown
3.) CIRCUIT NAME AND NUMBER	2332
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Elizabethtown - Leitchfield Rd, Blackbranch Rd, & Nicholas St - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	19.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	954
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/23/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.5%
Construction-	0.0%
Lightning-	55.8%
Non-Company-	0.0%
Other/Unknown-	2.1%
Overload-	0.0%
Planned Work-	5.6%
Trees-	1.8%
Utility Equipment-	34.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	34.93
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10.) 2024 SAIDI	38.46
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
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12.) 2024 SAIFI	0.59
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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** 155
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 12.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 45.7%

Trees- 0.0%

Utility Equipment- 41.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 13.52

10.) **2024 SAIDI** 24.41

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BONNIEVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 8074 N Dixie Hwy - Bonnieville
- 3.) **CIRCUIT NAME AND NUMBER** 2400
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Bonnieville - US 31, Olive Ave, & Waldeck Rd - N & S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 229
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/06/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.4%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.2%

Trees- 95.3%

Utility Equipment- 4.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.15

10.) **2024 SAIDI** 91.11

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28

12.) **2024 SAIFI** 0.68

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEBANON JUNCTION
- 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)** 15.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 721
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/12/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 56.4%

Non-Company- 0.0%

Other/Unknown- 2.4%

Overload- 0.0%

Planned Work- 28.0%

Trees- 4.4%

Utility Equipment- 8.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.54

10.) **2024 SAIDI** 21.92

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

12.) **2024 SAIFI** 0.20

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** 2406
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - Hwy 62, KY 1375, & Church Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 24.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 388
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 12.3%

Non-Company- 0.0%

Other/Unknown- 25.2%

Overload- 0.0%

Planned Work- 36.7%

Trees- 20.0%

Utility Equipment- 5.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.86

10.) **2024 SAIDI** 252.69

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.53

12.) **2024 SAIFI** 1.73

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** EASTVIEW
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 12540 Sonora - Hardin Springs
- 3.) **CIRCUIT NAME AND NUMBER** 2407
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - KY 84, Main St, & White Mills Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 268
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 30.4%

Non-Company- 0.0%

Other/Unknown- 3.8%

Overload- 0.0%

Planned Work- 64.2%

Trees- 1.4%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.75

10.) **2024 SAIDI** 81.00

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66

12.) **2024 SAIFI** 1.01

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)** 39.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 610
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/21/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 18.7%

Non-Company- 1.2%

Other/Unknown- 0.5%

Overload- 0.0%

Planned Work- 78.1%

Trees- 1.1%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.07

10.) **2024 SAIDI** 22.99

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.18

12.) **2024 SAIFI** 0.23

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ELIZABETHTOWN 2
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hardin - 1011 Woodland Dr - Elizabethtown
3.) CIRCUIT NAME AND NUMBER	2409
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Elizabethtown - Woodland Dr - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1
7.) DATE OF LAST CIRCUIT TRIM (VM)	02/13/2021

8.) 2024 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)	46.61
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10.) 2024 SAIDI	186.45
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	1.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2411
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Dixie Ave, Miles St, & Helm St - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 14.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,453
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 18.3%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 12.1%

Trees- 0.1%

Utility Equipment- 69.4%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.46
- 10.) **2024 SAIDI** 31.41
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.48
- 12.) **2024 SAIFI** 0.64

- 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	2412
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Elizabethtown - Layman Ln - N of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	0.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	8
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/20/2021

8.) 2024 OUTAGES BY CAUSE

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

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.96
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10.) 2024 SAIDI	115.83
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.25
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12.) 2024 SAIFI	1.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1011 Woodland Dr - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2414
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - Woodland Dr, Ring Rd, & N Dixie HWY - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,346
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/20/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 4.0%

Construction- 0.0%

Lightning- 10.0%

Non-Company- 0.3%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 9.0%

Trees- 76.4%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.35

10.) **2024 SAIDI** 85.99

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

12.) **2024 SAIFI** 0.46

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)** 8.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,449
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.0%

Construction- 0.0%

Lightning- 5.2%

Non-Company- 0.0%

Other/Unknown- 33.1%

Overload- 0.0%

Planned Work- 20.1%

Trees- 39.9%

Utility Equipment- 0.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.48

10.) **2024 SAIDI** 22.30

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2024 SAIFI** 0.20

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

Trees Trimmed in 2024

- 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)** 21.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 709
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/16/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.2%

Construction- 0.0%

Lightning- 62.6%

Non-Company- 0.0%

Other/Unknown- 1.0%

Overload- 0.0%

Planned Work- 1.6%

Trees- 17.4%

Utility Equipment- 17.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 45.90

10.) **2024 SAIDI** 155.78

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.33

12.) **2024 SAIFI** 1.03

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** 567
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 6.3%

Non-Company- 0.0%

Other/Unknown- 41.5%

Overload- 0.0%

Planned Work- 14.3%

Trees- 36.6%

Utility Equipment- 1.2%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 41.81
- 10.) **2024 SAIDI** 64.33
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.66
- 12.) **2024 SAIFI** 0.37
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** HODGENVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Larue - 500 W High Ave - Hodgenville
- 3.) **CIRCUIT NAME AND NUMBER** 2429
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Hodgenville - Tonieville Rd, N Lincoln Blvd, & Phillips Ln - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 383
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/22/2022
- 8.) **2024 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- 40.8%

Trees- 59.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 11.63

10.) **2024 SAIDI** 22.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.24

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HODGENVILLE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Larue - 500 W High Ave - Hodgenville
3.) CIRCUIT NAME AND NUMBER	2430
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Hodgenville - S Lincoln Blvd/Hwy 61, Greensburg Rd, & L & N Tpke - SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	36.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,572
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/18/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.2%
Construction-	0.0%
Lightning-	1.6%
Non-Company-	0.0%
Other/Unknown-	1.1%
Overload-	0.0%
Planned Work-	83.7%
Trees-	3.4%
Utility Equipment-	10.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	59.21
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10.) 2024 SAIDI	91.96
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.82
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12.) 2024 SAIFI	1.49
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	HODGENVILLE
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Larue - 500 W High Ave - Hodgenville
3.) CIRCUIT NAME AND NUMBER	2431
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Hodgenville - Hwy 61, New Jackson Hwy, BF Brown Rd, & L & N Tpke - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	24.9
6.) CUSTOMER COUNT FOR THIS CIRCUIT	471
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/15/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	6.0%
Non-Company-	0.0%
Other/Unknown-	26.7%
Overload-	0.0%
Planned Work-	39.4%
Trees-	28.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	27.33
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10.) 2024 SAIDI	31.89
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.33
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12.) 2024 SAIFI	0.23
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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** 2432
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Maple St, US 31 W, 3rd Street & Owen Street - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 17.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 717
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 33.6%

Overload- 0.0%

Planned Work- 54.7%

Trees- 9.7%

Utility Equipment- 1.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 12.96

10.) **2024 SAIDI** 24.92

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 501 Shewey Ave - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2433
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - W Main St, KY 335, New St, US 31 - N & NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 23.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 905
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/05/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.1%

Non-Company- 11.7%

Other/Unknown- 30.5%

Overload- 0.0%

Planned Work- 35.5%

Trees- 22.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 142.18

10.) **2024 SAIDI** 333.72

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.35

12.) **2024 SAIFI** 3.15

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** 354
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 32.1%

Trees- 42.2%

Utility Equipment- 25.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 205.26

10.) **2024 SAIDI** 332.68

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.07

12.) **2024 SAIFI** 1.56

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEITCHFIELD CITY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 205 Mulberry St - Leitchfield
- 3.) **CIRCUIT NAME AND NUMBER** 2439
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Leitchfield - Conklin St, Floyd St, Brandenburg Rd, & Lilac Rd - NE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 7.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 663
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 03/09/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.0%

Construction- 0.0%

Lightning- 40.5%

Non-Company- 0.0%

Other/Unknown- 4.3%

Overload- 0.0%

Planned Work- 44.8%

Trees- 8.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.58

10.) **2024 SAIDI** 46.12

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 0.48

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** 174
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/02/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.7%

Construction- 0.0%

Lightning- 4.0%

Non-Company- 2.5%

Other/Unknown- 83.7%

Overload- 0.0%

Planned Work- 3.4%

Trees- 5.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 87.63

10.) **2024 SAIDI** 309.79

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

12.) **2024 SAIFI** 2.27

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** NEW HAVEN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Nelson - 256 Lyons Station Rd - New Haven
- 3.) **CIRCUIT NAME AND NUMBER** 2445
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Haven - KY 52, Clark Rd, & Lyons Station Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 13.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 206
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/24/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 99.5%

Trees- 0.0%

Utility Equipment- 0.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 104.26

10.) **2024 SAIDI** 264.12

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

12.) **2024 SAIFI** 1.08

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RADCLIFF
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 677 N Wilson Rd - Radcliff
- 3.) **CIRCUIT NAME AND NUMBER** 2448
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Radcliff - N Dixie Blvd & N Wilson Rd - NW of Substation Town - Road - General Area
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 604
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 23.5%

Non-Company- 0.0%

Other/Unknown- 42.6%

Overload- 0.0%

Planned Work- 25.0%

Trees- 6.2%

Utility Equipment- 2.6%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 25.44

10.) **2024 SAIDI** 66.45

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.24

12.) **2024 SAIFI** 0.71

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	ROGERSVILLE CITY	
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hardin - 180 Rogersville Rd - Radcliff	
3.) CIRCUIT NAME AND NUMBER	2452	
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Radcliff - Dixie Blvd, Yarwood Dr, Logan St & Vine St - N & S of Substation	
5.) TOTAL CIRCUIT LENGTH (MILES)	10.6	
6.) CUSTOMER COUNT FOR THIS CIRCUIT	693	
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024	
8.) 2024 OUTAGES BY CAUSE		
	Animal- 1.4%	
	Construction- 0.0%	
	Lightning- 0.0%	
	Non-Company- 0.0%	
	Other/Unknown- 0.7%	
	Overload- 0.0%	
	Planned Work- 69.5%	
	Trees- 26.8%	
	Utility Equipment- 1.6%	
	Vehicle- 0.0%	
9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)		13.22
10.) 2024 SAIDI		13.01
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)		0.14
12.) 2024 SAIFI		0.18
13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN		
	Trees Trimmed in 2024	

- 1.) **SUBSTATION NAME AND NUMBER** SONORA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1340 Old Sonora Rd - Sonora
- 3.) **CIRCUIT NAME AND NUMBER** 2456
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Sonora - US 31 W, S Dixie Hwy, & Sonora Rd - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 12.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 201
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 81.2%

Trees- 17.7%

Utility Equipment- 0.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 56.90

10.) **2024 SAIDI** 65.02

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59

12.) **2024 SAIFI** 0.79

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** 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)** 27.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 505
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/07/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 27.5%

Non-Company- 0.0%

Other/Unknown- 2.7%

Overload- 0.0%

Planned Work- 36.9%

Trees- 31.4%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 22.77

10.) **2024 SAIDI** 56.95

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.28

12.) **2024 SAIFI** 0.73

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)** 17.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 519
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/28/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 28.4%

Construction- 0.0%

Lightning- 0.5%

Non-Company- 0.0%

Other/Unknown- 20.4%

Overload- 0.0%

Planned Work- 0.3%

Trees- 48.6%

Utility Equipment- 1.8%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.42

10.) **2024 SAIDI** 25.09

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.35

12.) **2024 SAIFI** 0.98

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)** 8.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 550
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 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- 62.3%

Trees- 18.5%

Utility Equipment- 19.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 7.59

10.) **2024 SAIDI** 12.46

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

12.) **2024 SAIFI** 0.10

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** 2460
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Vine Grove - Main St, Highland Ave, Central Ave, & Cheryl Ave - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 8.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 682
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/03/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 8.6%

Overload- 0.0%

Planned Work- 66.3%

Trees- 25.2%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 11.22

10.) **2024 SAIDI** 24.42

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.11

12.) **2024 SAIFI** 0.21

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ELIZABETHTOWN INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 111 Ring Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 2462
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Elizabethtown - N Blackbranch Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 8
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/24/2020
- 8.) **2024 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)** 16.60

10.) **2024 SAIDI** 66.38

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.88

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LEITCHFIELD EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Grayson - 705 Wallace Ave - Leitchfield
- 3.) **CIRCUIT NAME AND NUMBER** 2466
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Leitchfield - Wallace Ave, Bobby Bland Way, Clinton St, & White Oak St - S & W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 232
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/28/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 84.5%

Overload- 0.0%

Planned Work- 14.5%

Trees- 0.0%

Utility Equipment- 1.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 19.29

10.) **2024 SAIDI** 25.77

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.15

12.) **2024 SAIFI** 0.16

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2469
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - Hatcher Valley Rd, N Toohey Ridge Rd, & Park Ridge Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 115
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/10/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 22.1%

Trees- 5.7%

Utility Equipment- 72.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 182.40

10.) **2024 SAIDI** 566.32

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

12.) **2024 SAIFI** 1.74

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	109
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/06/2019

8.) 2024 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)	2.85
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10.) 2024 SAIDI	5.16
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.04
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12.) 2024 SAIFI	0.04
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** HORSE CAVE INDUSTRIAL
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hart - 400 Cherry St - Horse Cave
- 3.) **CIRCUIT NAME AND NUMBER** 2476
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Horse Cave - S Dixie St and Bluegrass Ave - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 13
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/28/2023
- 8.) **2024 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)** 28.93

10.) **2024 SAIDI** 73.21

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.23

12.) **2024 SAIFI** 0.31

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** BLACK BRANCH ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Hardin - 1220 N Black Branch Rd - Elizabethtown
- 3.) **CIRCUIT NAME AND NUMBER** 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)** 24.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 701
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/18/2019
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 3.8%

Overload- 0.0%

Planned Work- 4.7%

Trees- 59.4%

Utility Equipment- 31.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 23.48

10.) **2024 SAIDI** 36.82

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

12.) **2024 SAIFI** 0.30

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

Tree Trim Scheduled for 2025

1.) SUBSTATION NAME AND NUMBER	BLACK BRANCH ROAD
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Hardin - 1220 N Black Branch Rd - Elizabethtown
3.) CIRCUIT NAME AND NUMBER	2479
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Elizabethtown - N BlackBranch Rd - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	6.3
6.) CUSTOMER COUNT FOR THIS CIRCUIT	77
7.) DATE OF LAST CIRCUIT TRIM (VM)	03/13/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	1.5%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	46.5%
Planned Work-	0.0%
Trees-	52.0%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	38.51
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10.) 2024 SAIDI	39.43
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
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12.) 2024 SAIFI	0.53
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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** 2502
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** New Castle - Jackson Rd, Eminence Rd, & City of New Castle - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.8
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 925
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 0.0%

Other/Unknown- 61.2%

Overload- 0.0%

Planned Work- 4.3%

Trees- 20.2%

Utility Equipment- 14.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 102.90

10.) **2024 SAIDI** 267.94

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.87

12.) **2024 SAIFI** 2.03

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** FINCHVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 198 Parent Ln - Finchville
- 3.) **CIRCUIT NAME AND NUMBER** 2504
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Hwy 55, Buck Creek Rd, & Finchville Rd - NE & SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 45.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 560
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/08/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.4%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 4.7%

Other/Unknown- 65.2%

Overload- 0.0%

Planned Work- 4.4%

Trees- 23.0%

Utility Equipment- 1.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 51.43

10.) **2024 SAIDI** 71.76

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.59

12.) **2024 SAIFI** 1.17

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** 2507
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lawrenceburg - Alton Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 0.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 04/30/2022
- 8.) **2024 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)** 204.38

10.) **2024 SAIDI** 817.50

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.00

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE EAST
- 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)** 72.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,186
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/24/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 1.4%

Overload- 0.0%

Planned Work- 48.0%

Trees- 31.6%

Utility Equipment- 17.9%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 36.98

10.) **2024 SAIDI** 76.63

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41

12.) **2024 SAIFI** 1.18

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	LAGRANGE EAST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Oldham - 1810 E Highway 146 - La Grange
3.) CIRCUIT NAME AND NUMBER	2510
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	La Grange - Jefferson St, Jericho Rd, & Walnut Aly - SW of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	7.8
6.) CUSTOMER COUNT FOR THIS CIRCUIT	724
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	8.2%
Construction-	0.0%
Lightning-	0.2%
Non-Company-	0.0%
Other/Unknown-	77.8%
Overload-	0.0%
Planned Work-	6.0%
Trees-	7.0%
Utility Equipment-	0.9%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	28.35
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10.) 2024 SAIDI	65.81
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.20
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12.) 2024 SAIFI	0.27
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** LAGRANGE EAST
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Oldham - 1810 E Highway 146 - La Grange
- 3.) **CIRCUIT NAME AND NUMBER** 2511
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** La Grange - Waterworks Rd, Hwy 53/1st St, & Fendley Mill Rd - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 18.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,292
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 11.8%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 55.1%

Trees- 33.1%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.79

10.) **2024 SAIDI** 36.45

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.13

12.) **2024 SAIFI** 0.23

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

Trees Trimmed in 2024

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)	01/01/2024

8.) 2024 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)	114.25
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10.) 2024 SAIDI	341.03
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.75
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12.) 2024 SAIFI	1.00
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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)** 24.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,541
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.8%

Construction- 0.0%

Lightning- 0.8%

Non-Company- 0.0%

Other/Unknown- 7.1%

Overload- 0.0%

Planned Work- 2.8%

Trees- 85.0%

Utility Equipment- 2.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 37.54

10.) **2024 SAIDI** 59.25

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.48

12.) **2024 SAIFI** 1.14

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

Trees Trimmed in 2024

1.) SUBSTATION NAME AND NUMBER	LAWRENCEBURG
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)	13.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,184
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	2.0%
Non-Company-	0.0%
Other/Unknown-	0.0%
Overload-	0.0%
Planned Work-	80.8%
Trees-	15.1%
Utility Equipment-	2.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	58.95
10.) 2024 SAIDI	36.54
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.73
12.) 2024 SAIFI	1.20

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHELBYVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 1201 Willow St - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2519
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - Smithfield Rd, Bayberry Dr, & La Grange Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 42.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 2,274
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 06/03/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 5.8%

Construction- 0.0%

Lightning- 0.6%

Non-Company- 1.0%

Other/Unknown- 0.4%

Overload- 0.0%

Planned Work- 18.3%

Trees- 33.5%

Utility Equipment- 40.5%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 15.48
- 10.) **2024 SAIDI** 18.44
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22
- 12.) **2024 SAIFI** 0.14
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHELBYVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 1201 Willow St - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2520
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - KY 43, KY 12 & Washington St - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.4
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 238
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 08/12/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.5%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 4.9%

Overload- 0.0%

Planned Work- 0.9%

Trees- 31.4%

Utility Equipment- 62.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.20

10.) **2024 SAIDI** 22.93

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.22

12.) **2024 SAIFI** 0.28

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SHELBYVILLE SOUTH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 614 Mack Walters Rd - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2526
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - Kentucky St, Old KY 53, Osprey Cove, & Zaring Mill Rd - S & SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 29.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,285
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 09/09/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 63.4%

Overload- 0.0%

Planned Work- 7.1%

Trees- 1.8%

Utility Equipment- 26.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 69.43

10.) **2024 SAIDI** 76.16

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.95

12.) **2024 SAIFI** 1.04

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TAYLORSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Spencer - 1604 Elk Creek Rd - Taylorsville
- 3.) **CIRCUIT NAME AND NUMBER** 2529
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Taylorsville - Elk Creek Rd, KY 55, & Hwy 1633 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 51.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,098
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 07/18/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.8%

Construction- 0.0%

Lightning- 0.2%

Non-Company- 40.1%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 1.8%

Trees- 55.8%

Utility Equipment- 1.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 35.21

10.) **2024 SAIDI** 110.46

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.41

12.) **2024 SAIFI** 1.35

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** TAYLORSVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Spencer - 1604 Elk Creek Rd - Taylorsville
- 3.) **CIRCUIT NAME AND NUMBER** 2530
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Taylorsville - Elk Creek Rd, City of Taylorsville, & Bloomfield Rd - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 27.3
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 827
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/02/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 2.6%

Construction- 13.7%

Lightning- 12.1%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 16.7%

Trees- 53.2%

Utility Equipment- 1.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 31.51
- 10.) **2024 SAIDI** 26.50
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47
- 12.) **2024 SAIFI** 1.12

- 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)	50.5
6.) CUSTOMER COUNT FOR THIS CIRCUIT	957
7.) DATE OF LAST CIRCUIT TRIM (VM)	05/13/2022

8.) 2024 OUTAGES BY CAUSE

Animal-	1.5%
Construction-	0.2%
Lightning-	3.0%
Non-Company-	0.3%
Other/Unknown-	1.2%
Overload-	0.0%
Planned Work-	83.7%
Trees-	0.9%
Utility Equipment-	9.2%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	24.71
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10.) 2024 SAIDI	26.89
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.31
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12.) 2024 SAIFI	0.23
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	SHELBYVILLE EAST
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Shelby - 183 Boone Station Rd - Shelbyville
3.) CIRCUIT NAME AND NUMBER	2533
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Shelbyville - KY 53, KY 44, & Mill St - S of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	53.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	1,492
7.) DATE OF LAST CIRCUIT TRIM (VM)	12/13/2019

8.) 2024 OUTAGES BY CAUSE

Animal-	0.7%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	57.4%
Overload-	9.2%
Planned Work-	30.2%
Trees-	2.5%
Utility Equipment-	0.0%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	47.41
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10.) 2024 SAIDI	123.82
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.39
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12.) 2024 SAIFI	0.84
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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** 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)** 11.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 920
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** No Trimming Necessary
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 12.7%

Construction- 2.5%

Lightning- 41.2%

Non-Company- 0.0%

Other/Unknown- 0.9%

Overload- 0.0%

Planned Work- 15.7%

Trees- 1.8%

Utility Equipment- 25.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 20.42

10.) **2024 SAIDI** 23.88

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

12.) **2024 SAIFI** 0.34

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)** 14.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 240
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/04/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.6%

Overload- 0.0%

Planned Work- 0.0%

Trees- 99.4%

Utility Equipment- 0.0%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.86
- 10.) **2024 SAIDI** 54.41
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.73
- 12.) **2024 SAIFI** 1.01

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

Continue to Monitor

7.) DATE OF LAST CIRCUIT TRIM (VM) 01/06/2023

Vehicle- 0.0%

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** 2540
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Buck Creek Rd, Kingbrook Pky, & Rolling Ridge Way - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 5.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 333
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/11/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 74.3%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 0.0%

Trees- 25.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 11.39

10.) **2024 SAIDI** 25.86

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

12.) **2024 SAIFI** 0.25

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SIMPSONVILLE
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 6801 Shelbyville - Simpsonville
- 3.) **CIRCUIT NAME AND NUMBER** 2541
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Simpsonville - Shelbyville Rd, Champions Way, & Conner Station Rd - SW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 60.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,197
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 05/18/2019
- 8.) **2024 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- 42.7%

Trees- 31.6%

Utility Equipment- 25.3%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 130.54

10.) **2024 SAIDI** 275.68

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.63

12.) **2024 SAIFI** 1.42

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

Tree Trim Scheduled for 2025

- 1.) **SUBSTATION NAME AND NUMBER** WEST SHELBY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 3900 HWY 60 - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2544
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - 3900 HWY 60 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 3.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 973
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 29.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 9.5%

Overload- 22.9%

Planned Work- 22.1%

Trees- 4.4%

Utility Equipment- 12.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 3.79

10.) **2024 SAIDI** 13.40

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

12.) **2024 SAIFI** 0.17

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** WEST SHELBY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Shelby - 3900 HWY 60 - Shelbyville
- 3.) **CIRCUIT NAME AND NUMBER** 2545
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Shelbyville - 3900 HWY 60 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.5
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 134
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/16/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 11.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 55.3%

Trees- 33.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 4.53

10.) **2024 SAIDI** 18.12

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.06

12.) **2024 SAIFI** 0.22

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	618
7.) DATE OF LAST CIRCUIT TRIM (VM)	09/24/2021

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	10.5%
Overload-	0.0%
Planned Work-	0.0%
Trees-	0.0%
Utility Equipment-	89.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	8.01
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10.) 2024 SAIDI	11.00
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.50
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12.) 2024 SAIFI	1.00
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** RUMSEY
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** McLean - 1/8 SE of HWY 138 - Earlington
- 3.) **CIRCUIT NAME AND NUMBER** 3424
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Earlington - HWY 138 - SE of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 783
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/31/2017
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 98.6%

Trees- 0.0%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 28.31

10.) **2024 SAIDI** 113.23

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.25

12.) **2024 SAIFI** 1.01

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** ALVA
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Rockhouse Branch Rd - Pathfork
- 3.) **CIRCUIT NAME AND NUMBER** 4331
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Alva - Hwy 72 & Alva Rd - NW of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 2.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 9
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 91.6%

Overload- 0.0%

Planned Work- 5.6%

Trees- 2.1%

Utility Equipment- 0.7%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 241.80

10.) **2024 SAIDI** 742.39

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

12.) **2024 SAIFI** 2.44

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)** 16.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 176
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/02/2022
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.6%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.1%

Overload- 0.0%

Planned Work- 86.9%

Trees- 1.9%

Utility Equipment- 10.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 175.95

10.) **2024 SAIDI** 238.65

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

12.) **2024 SAIFI** 1.10

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** DANIEL BRANCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Gilbert Rd/Bandana Branch - Smith
- 3.) **CIRCUIT NAME AND NUMBER** 4421
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Rose Hill - Hwy 987 - E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 20.7
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 234
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/16/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.1%

Construction- 0.0%

Lightning- 2.8%

Non-Company- 0.0%

Other/Unknown- 2.8%

Overload- 0.0%

Planned Work- 86.4%

Trees- 7.7%

Utility Equipment- 0.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 211.07

10.) **2024 SAIDI** 396.70

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.72

12.) **2024 SAIFI** 2.76

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)** 3.1
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 90
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/15/2020
- 8.) **2024 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- 62.7%

Trees- 0.0%

Utility Equipment- 27.2%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 408.53

10.) **2024 SAIDI** 1572.75

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.46

12.) **2024 SAIFI** 5.54

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** 4428
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Gulston - Hwy 1216, Hwy 72, & Hwy 2425 - N of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 9.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 318
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.9%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 51.3%

Trees- 43.7%

Utility Equipment- 4.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 184.19

10.) **2024 SAIDI** 303.51

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.86

12.) **2024 SAIFI** 1.49

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** LYNCH
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Harlan - Hwy 160 (W Main St) - Lynch
- 3.) **CIRCUIT NAME AND NUMBER** 4451
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lynch - W Main St, Mountain St, & 1st, 2nd, & 3rd St - W of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 4.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 513
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.0%

Other/Unknown- 0.5%

Overload- 0.0%

Planned Work- 94.9%

Trees- 4.1%

Utility Equipment- 0.6%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 339.23
- 10.) **2024 SAIDI** 475.47
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 1.69
- 12.) **2024 SAIFI** 0.87
- 13.) **LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN**

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	EVARTS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Harlan - 1600 Block of Hwy 215 - Evarts
3.) CIRCUIT NAME AND NUMBER	4475
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Evarts - Hwy 215 & City of Evarts - W of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	11.0
6.) CUSTOMER COUNT FOR THIS CIRCUIT	603
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	0.2%
Overload-	0.0%
Planned Work-	96.7%
Trees-	2.5%
Utility Equipment-	0.5%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	116.91
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10.) 2024 SAIDI	260.28
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	0.81
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12.) 2024 SAIFI	1.98
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	EVARTS
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Harlan - 1600 Block of Hwy 215 - Evarts
3.) CIRCUIT NAME AND NUMBER	4476
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Evarts - Hwy 215 - E of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	14.7
6.) CUSTOMER COUNT FOR THIS CIRCUIT	457
7.) DATE OF LAST CIRCUIT TRIM (VM)	04/07/2023

8.) 2024 OUTAGES BY CAUSE

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	7.7%
Overload-	0.0%
Planned Work-	91.7%
Trees-	0.5%
Utility Equipment-	0.1%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	259.80
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10.) 2024 SAIDI	296.47
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11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	1.60
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12.) 2024 SAIFI	2.39
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13.) LIST OF CORRECTIVE ACTION, IF ANY, TAKEN OR TO BE TAKEN

Continue to Monitor

- 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)** 13.6
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 492
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 11/13/2021
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 14.1%

Construction- 0.0%

Lightning- 0.0%

Non-Company- 0.4%

Other/Unknown- 16.6%

Overload- 0.0%

Planned Work- 55.3%

Trees- 13.7%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 61.23

10.) **2024 SAIDI** 107.71

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.47

12.) **2024 SAIFI** 0.90

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

Continue to Monitor

1.) SUBSTATION NAME AND NUMBER	VERDA
2.) SUBSTATION LOCATION (COUNTY-ROAD-TOWN)	Harlan - Corner of School St - Evarts
3.) CIRCUIT NAME AND NUMBER	4480
4.) CIRCUIT LOCATION (COUNTY-ROAD-TOWN)	Evarts - Hwy 38, Hill St, & Hwy 1601 - NE & SE of Substation
5.) TOTAL CIRCUIT LENGTH (MILES)	10.2
6.) CUSTOMER COUNT FOR THIS CIRCUIT	378
7.) DATE OF LAST CIRCUIT TRIM (VM)	01/01/2024
8.) 2024 OUTAGES BY CAUSE	

Animal-	0.0%
Construction-	0.0%
Lightning-	0.0%
Non-Company-	0.0%
Other/Unknown-	6.1%
Overload-	0.0%
Planned Work-	21.6%
Trees-	61.5%
Utility Equipment-	10.8%
Vehicle-	0.0%

9.) CIRCUIT 5 YEAR AVERAGE (SAIDI)	302.26
10.) 2024 SAIDI	179.37
11.) CIRCUIT 5 YEAR AVERAGE (SAIFI)	2.07
12.) 2024 SAIFI	2.53

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

Trees Trimmed in 2024

- 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)** 8.9
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 760
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 3.5%

Construction- 0.4%

Lightning- 0.3%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 18.7%

Trees- 70.8%

Utility Equipment- 6.5%

Vehicle- 0.0%

- 9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 68.68
- 10.) **2024 SAIDI** 61.00
- 11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.75
- 12.) **2024 SAIFI** 0.92

- 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)** 13.2
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 912
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 10/10/2020
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 0.0%

Construction- 0.3%

Lightning- 19.2%

Non-Company- 0.0%

Other/Unknown- 13.4%

Overload- 0.0%

Planned Work- 51.0%

Trees- 9.0%

Utility Equipment- 7.1%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 43.69

10.) **2024 SAIDI** 62.58

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.43

12.) **2024 SAIFI** 0.79

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** SOMERSET 2
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 105 Tandy Ave - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 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** 103
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 02/01/2024
- 8.) **2024 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- 62.5%

Trees- 37.5%

Utility Equipment- 0.0%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 16.07

10.) **2024 SAIDI** 30.57

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

12.) **2024 SAIFI** 0.17

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

Trees Trimmed in 2024

- 1.) **SUBSTATION NAME AND NUMBER** MCKEE ROAD
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Pulaski - 140 McKee Rd - Somerset
- 3.) **CIRCUIT NAME AND NUMBER** 4512
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Somerset - Hwy 1247, Crab Orchard Rd, & Oak Leaf Ln - N & E of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 34.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 1,307
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 01/01/2024
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 9.2%

Construction- 0.0%

Lightning- 20.4%

Non-Company- 0.0%

Other/Unknown- 0.0%

Overload- 0.0%

Planned Work- 56.3%

Trees- 4.7%

Utility Equipment- 9.5%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 18.41

10.) **2024 SAIDI** 23.91

11.) **CIRCUIT 5 YEAR AVERAGE (SAIFI)** 0.12

12.) **2024 SAIFI** 0.14

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

Continue to Monitor

- 1.) **SUBSTATION NAME AND NUMBER** AISIN
- 2.) **SUBSTATION LOCATION (COUNTY-ROAD-TOWN)** Laurel - Farriston Rd/Greta Ln - Lily
- 3.) **CIRCUIT NAME AND NUMBER** 4618
- 4.) **CIRCUIT LOCATION (COUNTY-ROAD-TOWN)** Lily - Greta Ln & S Laurel Rd - S of Substation
- 5.) **TOTAL CIRCUIT LENGTH (MILES)** 1.0
- 6.) **CUSTOMER COUNT FOR THIS CIRCUIT** 155
- 7.) **DATE OF LAST CIRCUIT TRIM (VM)** 12/01/2023
- 8.) **2024 OUTAGES BY CAUSE**

Animal- 1.6%

Construction- 0.0%

Lightning- 49.9%

Non-Company- 0.0%

Other/Unknown- 0.8%

Overload- 0.0%

Planned Work- 0.3%

Trees- 46.0%

Utility Equipment- 1.4%

Vehicle- 0.0%

9.) **CIRCUIT 5 YEAR AVERAGE (SAIDI)** 17.57

10.) **2024 SAIDI** 20.54

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

12.) **2024 SAIFI** 0.21

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 went into effect January 1, 2024 and is reflected in this reporting period (see attached). 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 – 5.03 years

KU (Kentucky) Tree SAIDI – 26.84 minutes

KU (Kentucky) Tree SAIFI – 0.162

KU (Kentucky) Tree CAIDI – 166.2 minutes

The hazard tree program, mid cycle, herbicide, and worst performing circuits were completed as planned.

Adjustments made to the tree plan in 2024 included

Our vegetation management approach leverages unit-based, target pricing, and time-and-expense models to drive efficiency and accountability in contractor operations. The target price strategy deploys prescriptive tree management techniques. Maintenance work is prescribed ensuring that each work segment is clearly defined, mapped, and costed in advance. All work areas are inspected post-completion to verify standards have been met. Contractor performance is systematically evaluated on a quarterly and annual basis, with a focus on safety, productivity, quality, and customer satisfaction. Compliance with OSHA and internal safety standards is mandatory, and contractors are held to the highest operational standards.

Changes to be implemented in 2025

The routine trimming cycle plan is a proactive plan to trim work areas based on time since trim and clearance thresholds. Danger trees are prioritized and mitigated based on reliability disruption potential.

SECTION 7: UTILITY COMMENTS

Rolling average SAIDI and SAIFI improved in 2024 compared to the previous 5 year average excluding major events. 494 Circuits were above their previous 5 year average SAIDI and/or SAIFI in 2024.